TENDER DOCUMENT

CIVIL AND ELECTRICAL WORKS (RENOVATION) FOR SETTING UP OF HEALTH & WELLNESS CENTRE

AT 24 LOCATIONS IN HIMACHAL PRADESH

PROJECTS DIVISION,
HLL LIFECARE LTD,
CORPORATE HEAD OFFICE, POOJAPPURA,
THIRUVANANTHAPURAM – 695 012,
KERALA, INDIA

PHN: ++91 471 2354949, 2775588

FEBRUARY 2018

HLL LIFECARE LIMITED

(A Government of India Enterprise)
Projects Division
Corporate Head Office, Poojappura.P.O,
Thiruvananthapuram – 695012,
Kerala, India
Phone: 0471- 2354949, 2775588

INVITATION FOR BIDS (IFB)

IFB No: HLL/CHO/PROJ/HCD/HP-H&WC/C&E/2017-18

Date: 01-02-2018

HLL Lifecare Limited (HLL), a Government of India Enterprise is in the process of setting up of HEALTH & WELLNESS CENTRES at various locations in the state of Himachal Pradesh. For the said project, sealed and super scribed bids are invited from competent and experienced Suppliers/Contractors who are capable to do the following work meeting the requirements as per our tender.

SI. No	Brief Description of Item/Work	Qty	EMD/Location in Rs
	Civil and Electrical Works (renovation) for	24 locations	
1	setting up of Health & Wellness Centres at 24	as per	Rs 10,000/-
•	locations in Himachal Pradesh as per the	Schedule	113 10,000/
	Schedule V enclosed.	VII	

1. Qualification Criteria:

- a. Bidders should have minimum <u>Three years experience</u> in the relevant field. Documentary proof for the above eligibility criteria should be submitted along with the offer.
- Bidders, for Health & Wellness centre at each location, should have experience of having successfully completed within a period of last 3 years ending 31/01/2018 at least
 - i. One Civil & Electrical work of value not less than Rs 8 Lakhs Or
 - ii. Two Civil & Electrical works, each of value not less than Rs 6 Lakhs Or
 - iii. Three Civil & Electrical works, each of value not less than Rs 4 Lakhs

Note:- Copies of Work orders and Completion certificates issued by the Client/Authority concerned shall be submitted in proof of the same.

c. Bidder should have satisfactorily completed at least one work for any Central/State Government Departments or Central/State PSU's or local bodies in the last three years ending 31/01/2018.

Note:- Copies of Work orders and Completion certificates issued by the Client/Authority concerned shall be submitted in proof of the same.

- 2. The eligible bidder can quote for any number of Wellness Centres as per the Schedule VII. The work shall be awarded to the Qualified bidder, who quotes the lowest amount for the corresponding Wellness centre/s.
- 3. The scheduled date for issue, receipt and opening of bids is as follows.
 - a) Date of issue of tender document 01-02-2018 onwards
 - b) Last date and time for receipt of bids 14-02-2018 up to 15.00 Hrs.
 - c) Date and time of opening of bids 14-02-2018, 15.30 Hrs.
 - d) Address for communication, receipt and place of opening of bids:

SENIOR MANAGER (PROJECTS),

Projects Division.

HLL Lifecare Limited (A Government of India Enterprise)

Corporate Head Office, Poojappura.P.O,

Thiruvananthapuram – 695012,

Kerala, India

Phn: 0471-2354949, 2775588

E-mail: harikrishnankp@lifecarehll.com, choprojects@lifecarehll.com

- 4. The completed and sealed bid documents should be submitted to Senior Manager (Projects), in the above address along with the EMD. The outer cover should bear the Enquiry No, closing date and General description of item tendered, and the words "DO NOT OPEN BEFORE" 15.30 Hrs (IST) on ------ (Indicate the Closing Date). EMD shall be submitted in the form of demand draft drawn from a nationalized bank in favor of HLL Lifecare Limited payable at Thiruvananthapuram. Bids received after due date and time will be rejected. Any bid not accompanied by EMD will be rejected.
- 5. Bids will be opened in the presence of Bidders representative(s) who choose to attend on the specified date and time, at the office of HLL at the address given in Clause 3 (d) above.
- 6. In the event of the date specified for bid receipt and opening being declared as a closed holiday for the above purchaser's office, the due date for submission of bids and opening of bids will be the following working day at the appointed times.
- 7. HLL may, at its discretion, extend this deadline for submission of bids by amending the Bid Documents or any other reasons, in which case all rights and obligations of HLL and Bidders previously subject to the deadline will thereafter be subject to the deadline as extended.

- 8. HLL will not be held responsible for the postal delay, if any, in the delivery of the bidding document or the non-receipt of the same. Bids sent by Telex/Fax/Telegraph will not be accepted.
- 9. The EMD should be enclosed in a separate envelope and super scribed as "EMD" and to be attached in the main cover.
- 10. SSI/MSME units interested in availing exemption from payment of EMD should submit a valid copy of their registration certificate issued by the concerned DIC or NSIC. But the party has to provide Security Deposit as per the tender conditions, if the work is awarded to them.
- 11. Even though the bidder meet the above qualifying criteria, they are subject to be disqualified if they have:

Record of poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion, litigation history, or financial failures etc...

- 12. The Bid must include the following information;
 - a. Enquiry No.
 - b. EMD
 - c. Promised Delivery/Completion Schedule
 - d. Price Schedule in Format For Quoting (Schedule V for 24 Locations in Schedule VII)
 - e. All other documents/certificate/information as specified in the bid document.
- 13. In addition to the invitation for bids, the bidding documents include the following schedules.

Schedule I - Conditions of Contract
Schedule II - Acceptance Form
Schedule III - Capability Certificate
Schedule IV - Performance Statement

Schedule V - Schedule of Works (24 Locations)

Schedule VI - Drawings
Schedule VII - List of Locations

14. The company reserves the right to club or split the items of works, change the qualifying criteria at their discretion and to reject or cancel the Invitation for bids without assigning any reason thereof.

SENIOR MANAGER (PROJECTS)

SCHEDULE I

CONDITIONS OF CONTRACT

1) PRICE

The price quoted should be inclusive of all material cost, loading and unloading charges, all applicable taxes and other levies, insurance etc. The **Schedule of work** is enclosed as **Schedule V (for 24 Locations as per Schedule VII).**

Price quoted should be firm without any escalation till the order is completely executed.

2) TAXES/DUTIES/LEVIES

The contractor shall be entirely responsible for all applicable taxes including GST, duties, license fees etc. incurred until successful completion of contract.

3) ESCALATION

The rates quoted by the Contractor in the contract documents shall be final and shall not be subjected to any change due to the increase in works awarded or wages or inflation in the cost of materials or any other price variations due to any reason during the stipulated time period of the contract or during the extended time period of completion.

Rates quoted should be inclusive of all cost of materials, Tools/Equipments wellness centre or charges, conveyance to site, handling charges, loading and unloading charges, hiring charges, clearing of debris, statutory payments etc.

4) COMPLETION TIME

Time is the essence of the Contract. The total time allotted for completion of works in all respects for each Wellness centre is 60 Days from the date of issue of the Letter Of Intent or Work Order. This stands clear irrespective of the number of wellness centres awarded to each Party.

5) PAYMENT TERMS

The contractor can submit two running account bills during the work period and payment made as below:

- a) 50% of the total value of work may be released upon the completion of 60 % of the work recommended by HLL Site Engineer, countersigned by Regional In charge/ State In charge.
- b) Balance 50% will be paid along with the final bill only after issue of Work Completion certificate by Engineer In Charge & Regional In Charge of HLL Lifecare Ltd, countersigned by Business Manager (P&S), CMO or Deputy General Manager (Mktg), CMO.

5% amount of the Bill will be retained as retention money and will be released only after the Defect liability period of 12 months.

Final Bill to be submitted detailing the work description, quantity and rate as per the Work Order. Payment will be made against actual measurements recorded and certified jointly by HLL Engineer in charge and the Contractor 's representative, counter signed by Business Manager (P&S), CMO or Deputy General Manager (Mktg), CMO.

The running account bills are to be submitted detailing the work description, quantity and rate as per the Work Order. Payment will be made against actual measurements recorded and certified jointly by HLL Engineer in charge and the Contractor's representative. For supply of capital items, duly certified delivery challan/supporting documents such as Warranty Certificates etc. shall be enclosed along with bill.

Tax Deduction: All statutory deductions like GST, Income Tax, Works Contract Tax, E.S.I., P.F. or any other government-imposed liabilities shall be borne by the Contractor (as applicable at the time of execution of job) and shall be deducted from each bill submitted by the Contractor.

6) SECURITY DEPOSIT

- 6.1 Simultaneously with the execution of the contract successful bidder shall furnish a Security deposit in the form of a Demand Draft from a nationalised bank drawn in favour of HLL Lifecare Limited, Thiruvananthapuram payable at Thiruvananthapuram or a Bank Guarantee from a nationalised bank, for an amount equal to 5% of the total contract value as Security Deposit for his faithful execution of contract. The Security deposit should be valid until successful completion of the contract and acceptance of the Equipment/works by the Purchaser/Owner and will be released after acceptance of the Equipment/works by the Purchaser/Owner. In case of a delay in the works the validity of security deposit shall be extended.
- 6.2 Within 10 days of the receipt of notification of award from the Purchaser/Owner; the successful Bidder shall furnish the security deposit in the form of a Demand Draft or Bank Guarantee in the security deposit form to be sent along with the Notification of Award.
- 6.3 Failure of the successful Bidder to accept the notification of award or submission of security deposit within the timeframe shall constitute sufficient grounds for the annulment of the award and forfeiture of the EMD, in which even the Purchaser/Owner may make the award to the next lowest evaluated bidder or call for new bids.

7) EARNEST MONEY

- 7.1 Each bid must be accompanied by E.M.D.
- 7.2 The EMD is required to protect the Purchaser/Owner against risk of Bidder's conduct, which would warrant the security's forfeiture.

- a. The EMD shall be in the form of cash deposit or demand draft from a nationalized bank drawn in favour of HLL Lifecare Limited, Thiruvananthapuram payable at Thiruvananthapuram.
- b. E.M.D. from unsuccessful bidders will be returned after the acceptance of order by the L1 party.
- c. In the case of successful bidder, the Earnest Money will be returned after signing the contract, and submission of Security Deposit, which they will have to offer for the faithful execution of the contract.
- 7.3 The EMD may be forfeited:
- (a) If a Bidder withdraws its bid during the period of bid validity specified by the Bidder on the Bidding Document; or
- (b) In case of the successful Bidder, if the Bidder fails:
 - (i) to sign the Contract
 - (ii) to furnish security deposit
- 7.4 SSI/MSME units interested in availing exemption from payment of EMD should submit a valid copy of their registration certificate issued by the concerned DIC or NSIC.

8) INDEMNIFICATION CLAUSE

The Bidder shall indemnify and hold harmless the Owner/Purchaser from and against the below mentioned:

- i. All claims, demands, action, proceedings, losses, damages, liabilities, cost, charges, expenses or obligations that are occasioned or may occasion to HLL as a result of our non-payment of any statutory dues levied/leviable on the Contractor or the Contractor committing breach of any the rules, regulations, orders, directives, instructions that may be issued by any authority under various Laws, PF, ESI Acts and all other applicable Laws/Acts/Rules or any other Statue or Laws for the time being in force
- ii. Any damages, loss or expenses due to or resulting from any negligence or breach of duty on our part or on the part of Sub-Contractor/s, if any, servants or agents of the Bidder.
- iii. Claims, if any, of the employee or the Contractor and its Sub Contractor/s, under the Workmen's Compensation Act, 1923 and Employer's Liability Act 1938 or any other Laws rules and regulations in force for the time being in India and any acts replacing and/or amending the same or any of the same as may be in force at the time and under any law in respect of injuries to persons or property arising out of and in the course of the execution of the contract work and / or arising out of and in the course of employment of any workmen / employee.
- iv. Any non compliance or improper compliance of statues, rules and regulations which are applicable to HLL and also to the Contractor and to the employees, in respect of (a) Employees' Provident Fund and Miscellaneous Provision Act, 1952, (b) Employees State Insurance Act, 1948, (c) Minimum Wages Act, 1948 (d) Payment of Wages Act, 1936 (e) Bonus Act, 1965 (f) Workmen's

Compensation Act, 1923 and / or any other laws which may become applicable in respect of the Contract/ Agreement between HLL and the Bidder.

- v. Any Act or omission by us or our Sub-contractor/s, if any, our /their servants or agents which may involve any loss, damages, liability, civil or criminal action.
- vi. To protect against all claims for damage caused due to non-obtaining of insurance policy during the project period.

9) DEFECT LIABILITY PERIOD:

The defect liability period of the work shall be 12 months from the date of completion of the work and this date will start from successful completion and handing over. If any damage or defect occurs in the work during this period then the Contractor shall rectify the damage or defect at his own expense to the satisfaction of the Purchaser/Owner. If the Contractor fails to do so, then the Purchaser/Owner shall have the authority to get the work done by other means and the expenditure incurred shall be recovered from the Contractor.

Even if Inspection and/or tests are fully carried out by Purchaser/Owner or their representatives, the Contractor is not absolved to any degree of his responsibility to ensure that all equipment fabricated comply strictly with the requirements as per specifications given in the order, and the Purchaser/Owner shall be free to point out any defect till the defect liability period is over.

10) FORCE MAJEURE

- a. Neither the Contractor nor the Purchaser/Owner shall be considered in default in the performance of their obligations as per the Contract so long as such performance is prevented or delayed because of strikes, war, hostilities, revolution, civil commotion, epidemics, accidents, fire, cyclone, flood or because of any law and order proclamation, regulation or ordinance of Government or subdivision thereof or because of any act of God. The proof of existence of force majeure shall be provided by the party claiming it to the satisfaction of the other.
- b. The Contractor shall advise Purchaser/Owner initially by a Fax, followed by post, the beginning and end of any of the above causes of delay, failing which Purchaser/Owner shall not be liable to consider delays due to the above reasons. Notice as stated above should be given even in case where only the Contractor's bids are under the consideration of the Purchaser/Owner and no acceptance of the same has been given and detailed order issued.
- c. In the event of definite delay even if arising out of reasons due to force majeure, Purchaser/Owner shall have the right at their discretion to cancel the Order or part of the Order without any liability on their part to make any payment to the Contractor while reserving the right to claim refund of and any payment if advanced or paid to Contractor.

11) DELAY IN WORK EXECUTION DUE TO REASONS BEYOND CONTRACTOR'S CONTROL

- 11.1 Force majeure: If the execution of work is delayed due to force majeure, then Purchaser/Owner as per the affected period may extend the time period.
- 11.2 In case work is delayed due to non-availability of stores supplied by Owner or any decision by Owner holding the progress of work, the contractor then upon any such happening causing delay shall immediately but not later than 10 days, give notice thereof in writing to the Owner, but nevertheless use constantly his best effort to prevent or make good delay. The Owner may in his discretion grant such extension of time as may appear reasonable to him and the same shall be communicated to the contractor in writing and shall be final and binding on him and the contractor shall be bound to complete the work within such extended time.

12) LIQUIDATED DAMAGES FOR DELAYS

If the work is not completed and handed over to the Purchaser/Owner within the time stipulated in the Order, Purchaser/Owner may at their option, either (1) recover from the Contractor liquidated damages at the rate of 0.5 % of the total contract value for every week of delay, subject to a maximum of 7.5 % of the total contract value, or (2) at the risk and cost of the Contractor and without prejudice to the other remedies/rights as per the Contract, terminate the order wholly or partially and complete it themselves or reassign it to other contractors.

13) SPECIAL INSTRUCTIONS

- 13.1 The bidder shall visit the site before quoting for the work and also take their own assessments before quoting of bids.
- 13.2 The bidders can quote for any number of WELLNESS CENTRE/S as per the Schedule VII and his/her own eligibility as per the pre qualification criteria. The work shall be awarded to the Qualified bidder, who quotes the lowest amount for each WELLNESS CENTRE/S.
- 13.3 All pages of the bid, except for un-amended printed literature shall be signed by the person or persons signing the bid. The seal of the company shall be stamped in all pages.
- 13.4 Bids shall be made in English. The bid shall contain no interlineations, erasures or overwriting except as necessary to correct errors made by the Bidder, in which case such corrections shall be signed by the person or persons signing the bid.
- 13.5 To assist in the examination, evaluation and comparison of bids, the Owner may, at its discretion, ask the bidder for a clarification of its bid. The request for clarification and the response shall be in writing and no change in the rate or substance of the bid shall be sought, offered or permitted.
- 13.6 Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit

- price and quantity, the unit price shall prevail and the total price shall be calculated. If there is a discrepancy between the words and figures of unit price, the amount in words of unit price shall prevail.
- 13.7 Prior to the detailed evaluation, the Owner will determine the substantial responsiveness of each bid to the bidding documents. For purposes of these clauses, a substantially responsive bid is one, which conforms to specifications and all the terms and conditions of the bidding documents without material deviation. The Owner's determination of a bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence.
- 13.8 The Owner's determination as to the substantial responsiveness or otherwise of each bid or consideration of a minor informality or non-conformity or irregularity is final and conclusive.
- 13.9 The Owner reserves the right to negotiate with the lowest evaluated responsive bidder.
- 13.10 The Owner will award the Contract to the successful Bidder whose bid has been determined to be substantially responsive and has been determined as the lowest evaluated bid provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily for the items offered.
- 13.11 Prior to the expiration of the period of bid validity, the Owner will notify the successful Bidder in writing by or cable or telex or fax, to be confirmed in writing by post, that its bid has been accepted. The notification of award may be sent in the form of Letter of Intent and/or Work order.
- 13.12 The signed acceptance of the notification of award by the Contractor will constitute a concluded contract.
- 13.13 The work should be carried out without causing any inconvenience to the public and shall ensure that no damages are caused to the existing site premises.
- 13.14 During the execution of work, the contractor or authorized representative should be present at site.
- 13.15 All Materials, Equipment's/ Tools required for the work should be arranged by the contractor and brought to site for the timely completion of the work.
- 13.16 The materials used shall be as per specification and of good quality.
- 13.17 The Contractor has to arrange necessary insurance coverage for the machine, workmen etc. deployed by him. He shall arrange all safety measures to protect his workmen and also the properties of HLL/Hospital Building. The work site safety of all employees, their ESI, PF etc will have to be borne by the contractor.
- 13.18 The work should be carried out in truly professional manner, neatly finished with proper line, level and plumb. Cleanliness and finishing of the job is of utmost importance. Hence the job should be done most carefully with best workmanship.

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- For all finishing jobs samples should be approved from the Purchaser/Owner before completely executing the work.
- 13.19 The Purchaser/Owner should be immediately informed for any discrepancy in drawings, specifications and instructions in the execution of job before actual execution of particular item having discrepancy.
- 13.20 Any item found to be having been executed with poor workmanship then the Contractor shall have to rectify /reconstruct the work as specified by Purchaser/Owner. No extra charge will be admissible in such case. If CONTRACTORS fails to do so, the Purchaser/Owner reserved the right to rectify/reconstruct the work through some other agency at the expenses of Contractor.
- 13.21 The schedule of activities as submitted by the Contractor shall have to be strictly adhered to. Regular progress reports shall have to be submitted by the Contractor giving all details for monitoring of the schedule.
- 13.22 The Contractor shall make initial drawings/layouts (as per site conditions) and get it approved by HLL before execution.
- 13.23 Special care is to be taken for cleanliness of the site. After the end of day's work, the site should be cleaned immediately.
- 13.24 The Contractor shall have to co-operate with the agencies executing other works in the same area.
- 13.25 While executing the work, the Contractor shall ensure safety and security of the property of the Purchaser/Owner so as to avoid theft etc.
- 13.26 Measurement & Payment terms:
 - The method of measurement of completed work shall be in accordance with the standard measurement. Payment will be made on satisfactorily completion of work as per the order. Interim or running account bills shall be submitted by the contractor for the work executed on the basis of such recorded measurements in the format of HLL. All such interim payments shall be regarded as payment by way of advances against final payment only, and shall not preclude the requiring of bad, unsound and imperfect or unskilled work to be rejected, removed, taken away and reconstructed or re erected. Any certificate given by the officer relating to the work done or materials delivered forming part of such payment, may be modified, or corrected by any subsequent such certificate(s) or by the final certificate and shall not by itself be conclusive evident that any work or material so which it relates is /are in accordance with the contract and certificate. Any such interim payment,/any part there of shall not in any respect conclude, determine or affect in any way powers of the engineer in charge under the contract or any of such payment s be treated as final settlement and adjustment of accounts or in any way vary or affect the contract.
- 13.27 If contractor is executing any extra items as per direction of Engineer in charge / Officer in charge, the rates shall be worked out as per the latest CPWD Schedule

- of Rates and in case, the item is not included in the CPWD schedule, the rate shall be arrived as per prevailing Market rates.
- 13.28 The Quantity shown in the schedule is an approximate estimated quantity. No rate revision will be entertained if the quantity increases/decreases due to the site condition while executing the work.
- 13.29 Water and Electricity: The contractor shall make his own arrangement for water and electricity required for the works. HLL will not be responsible for the supply of either electricity or water.
- 13.30 During the execution of work, the contractor or authorized representative/s at least one person having technical qualification should be present at site.
- 13.31 The contractor shall comply with by-laws and regulation of local and statutory authorities having jurisdiction over the work and shall be responsible for payment of all statutory fees and other charges and the giving and receiving of all necessary notices and the Owner shall be kept informed of the said compliances with by-laws, payment made, notices issued and received.

13.32 Electrical

The work shall be carried out by a contractor holding valid licence issued by the State Government/Competent Authority for carrying out installation work of all voltage classes involved, under direct supervision of the persons holding valid certificates issued or recognized by the state government/competent authority.

13.33 Final payment shall be paid only after clearing the site as per direction of Engineer-in-charge/ Officer in charge.

14) CORRESPONDENCE

All correspondence relating to this Order shall be in English, to:

SENIOR MANAGER (PROJECTS),

PROJECTS DIVISION,

HLL LIFECARE LIMITED (A Government of India Enterprise)

Corporate Head Office, Poojappura.P.O,

Thiruvananthapuram – 695012, Kerala, India

Phn: 0471-2354949, 2775588

E-mail: choprojects@lifecarehll.com, harikrishnankp@lifecarehll.com

15) SETTLEMENT OF DISPUTES

Arbitration shall not be a means of settlement of any dispute or claim arising out of the contract relating to the work. Any disputes or difference arising between the parties with respect to the performance of any part of this agreement or anything connected therewith, etc shall as far as possible be mutually settled by the process of dialog and negotiation.

The Courts at Thiruvananthapuram alone shall have jurisdiction in respect of settlement of any matter arising out or in connection with the contract.

SCHEDULE II

ACCEPTANCE FORM

(To be submitted in the letter pad of the firm indicating full name and address, telephone & fax numbers etc.)

From

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Senior Manager (Projects), Projects Division, HLL Lifecare Limited (A Government of India Enterprise) Corporate Head Office, Poojappura.P.O, Thiruvananthapuram – 695012, Kerala, India Phn: 0471- 2354949, 2775588

E-mail: harikrishnankp@lifecarehll.com, choprojects@lifecarehll.com

Dear Sir,

I / We, hereby offer to supply/construct/erect/install/commission the work as detailed in schedule/drawings hereto or such portion thereof as you may specify in the acceptance of Bid at the price given in the price bid and agree to hold this offer open till 90 days after the date of bid opening prescribed by the purchaser/Owner. I/We have understood the terms and conditions mentioned in the invitation for bid and Conditions of Contract furnished by you and have thoroughly examined the specifications quoted in the bid document/drawings hereto and are fully aware of the nature of the scope of work required and my/our offer is to comply strictly in accordance with the requirement and the terms and conditions mentioned above.

Yours faithfully,

SIGNATURE OF THE BIDDER

SCHEDULE III

CAPABILITY CERTIFICATE

(To be submitted in the letter pad of the firm indicating full name and address, telephone & fax numbers etc.)

I/We have the financial capability to execute the work and complete the same within the specified time period (6 weeks). The delay, if any, in taking measurements, certification of bills, submission of bills and release of payments will not affect the progress and completion of work. I have read all the terms and conditions of the tender document including payment terms and confirm my acceptance of the same.

SIGNATURE OF THE BIDDER WITH SEAL

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SCHEDULE IV

PROFORMA FOR PERFORMANCE STATEMENT

Proforma for Performance Statement (for a period of last 3 years) Name of the Tenderer:.... Name & Address of the Tenderer / Service Provider:..... Have the **Date of Completion** works of Contract Order Description been Remarks placed by Order and quantity indicating satisfactorily Value of ordered completed? (Full No. reasons of order Address of for delay, and work and Company / Date service As per if any (Attach a Actual Consignee) Contract documentary proof from the client) We hereby certify that if at any time, information furnished by us is proved to be false or incorrect, we are liable for any action as deemed fit by the Company in addition to forfeiture of earnest money. Signature and Seal of the Bidder

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	SCHEDULE V SCHEDULE OF WORK - DARNU (KANGRA	DISTRICT)			
Cb.				Himackel D.	o doch
Sub: Sl No	Civil and Electrical works for setting up of Health Wellness Center at Darnu Specification	(Kangra Unit	Quantity	Rate in Rs	Amount in Rs
51 NO	CIVIL WORK	Ullit	Quantity	Kate III KS	Amount in Ks
1	EARTH WORK "Excavate foundation in all kinds of soil including soft rock except hard rock requiring blasting part return and fill in foundation and basement in layers not exceeding 15cm in depth including watering, breaking clods and consolidating, disposing and spreading surplus earth within the site upto 1.5m depth.(No extra shall be payable for working space) Tenderer to ensure proper dewatering and shoring methods to ensure all time dry condition. Any damages of sides of foundation or collapsing of soil from sides due to excessive water seepage or surface runoff or any other cause have to be replaced with quarry dust or Malaimann at no extra cost."	Cum	118.00		
2	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared.	Sqm	40.00		
3	Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material. Beyond 60 cm girth upto and including 120 cm girth	Each	0		
4	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	Cum	8.00		
	CEMENT CONCRETE				
5	Cement concrete 1:4:8 (1 cement ,4 sand , 8 hard blue granite stone metal 40mm and down gauge in layers not exceeding 15 cms in depth well consolidated in foundation and levelling course under floors including necessary shuttering, in steps etc all complete as directed.	Cum	6.00		
	R.C.C.WORK				
6	"RCC M20 (Design Mix) using hard blue granite metal 20mm and down gauge including centering, shuttering, curing etc., compelete but excluding cost of reinforcement Note: Polythene sheet shall be provided under the slabs."				
a	In Foundation, Footing and bed blocks at all levels.	Cum	2.00		
b	In Suspended roof slab of required thicknes	Cum	0		
С	In Ground Floor	Cum	11.00		
7	Providing, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete in lintels, beams and bressumers, including setting in cement mortar 1:3 (1 cement : 3 coarse sand), cost of required centering and shuttering but , excluding the cost of reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size)	Cum	8.00		
8	"High Yield Strength Deformed bars in all RCC items & floorings General Note: Sizes of RCC elements shown in the drawing are only indicative and subject to change .No extra shall be payable on this account. Any change in size of concrete elements resulting in change of area of shuttering due to change in quantity of concrete shall also not be payable""	M.T	2.00		
<u> </u>	MASONRY WORK				
9	Brickwork of locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in cement mortar 1:5 (1 cement,5 sand) in foundation and plinth. No extra payment will be paid for any shape or size,turnings, fins, etc unless otherwise specified seperately.	Cum	0		
10	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) upto plinth level with : Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum	2.00		
11	66mm overall thickness partition using 8mm thick double skin multipurpose cement board reinforced with cellulose fibre manufactured through autoclaving process (High pressure steam cured) as per IS: 14862 with suitable fibre cement screws	Sqm	98.00		

	SCHEDULE V				
	SCHEDULE OF WORK - DARNU (KANGRA)				
Sub:	Civil and Electrical works for setting up of Health Wellness Center at Darnu				
Sl No	Specification Half brickwork with locally available best quality table moulded bricks of not less than	Unit	Quantity	Rate in Rs	Amount in Rs
12	50kg/sq.cm crushing strength in CM 1:3 (1 cement 3 sand) and reinforced with two numbers of 6mm dia. M.S rods at every fourth course embedded in cement mortar 1:4 for partitions.				
	In Ground Floor	Sqm	4.00		
	FLOORING				
13	Providing & laying first class full body vitrified ceramic tile of make Kajaria/ Restile/Johnson or equivqlent of size 600mmx600mmx 9.5mm or approved size of approved colour (matt finish) in flooring using spacer of required size (2mm-4mm) from endura or equivalent over a bed of cement mortar 1:4 of required thickness to match finished floor level mentioned and to match the neighbouring floor finish and jointed with epoxy grout of approved shade from Bal Endura or equivalent brand all complete as directed.(Basic cost of tile - Rs.85/sft).Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area.No extra shall be payable for forming any pattern in the flooring like border, cut tiles,etc.	Sqm	42.00		
14	Providing and laying 600mm x 600mm or required size from Kajaria/ Restile/Johnson glazed tiles of plain series(Satin finish) in dado set in CM 1:3 with joints so as to form a true & even surface and joints finished neatly with white cement mixed with matching pigments all complete as directed. (Rate should include base plastering with CM 1:5 of required thickness.) The rate shall include cost of providing 6mmx6mm groove in the plastering at top of the tile all complete as directed. (Basic cost of tile - Rs.85/sft). Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area. No extra shall be payable for forming any pattern like border, etc.	Sqm	28.00		
15	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite of any colour and shade. Area of slab over 0.50 Sqm	Sqm	19.00		
	STEEL WORK				
16	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in incharge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	MT	0.02		
17	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	MT	0.10		
	CARPENTRY WORK				
18	Providing and fixing factory made uPVC white colour casement/ casement cum fixed glazed windows comprising of uPVC multichampered frame, sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, stainless steel (SS 304 grade) friction hinges, zinc alloy (white powder coated) casement handles, G.I fasteners 100×8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately) Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable. Casement window double panels with top fixed with S.S. friction hinges ($350 \times 19 \times 1.9$ mm) made of (small series) frame 47×50 mm, sash 47×68 mm & mullion 47×68 mm all having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area of window upto 2.50 Sqm).	Sqm	6.00		

SCHEDULE V SCHEDULE OF WORK - DARNU (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Darnu (Kangra District), Himachal Pradesh Unit Quantity Rate in Rs Amount in Rs 24 mm thick factory made PVC door shutters made of styles and rails of a uPVC hollow section of size 59x24 mm and wall thickness 2 mm (± 0.2 mm) with inbuilt edging on both sides. The styles and rails mitred and joint at the corners by means of M.S. galvanised/ plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 20x20 mm and 1 mm (± 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x24 mm and 2 mm (± 0.2 mm) wall thickness, fixed to the shutter styles by means of plastic/galvanised 2.00 M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (± 0.1 mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge. (For W.C. and bathroom door shutter). Providing and fixing cup board shutters 25 mm thick, with Pre-laminated flat pressed three layer particle board or graded wood particle board IS: 12823 marked, exterior grade (Grade l Type ll) having one side decorative lamination and other side balancing lamination, including IInd class 7.00 Sqm teak wood lipping of 25 mm wide x12 mm thick with necessary screws and bright finished stainless steel piano hinges, complete as per direction of the Engineer-in-Charge ROOFING 'Supplying and embedding P.V.C rain water pipes of approved quality embedded inside the RC columns/masonry in position with all necessary specials like shoes, bends or any other specials required to suit site conditions etc., jointed with wavin cement and lubricants with R.M 12.00 necessary MS clamps, brackets , bolts and nuts all complete as directed. 110mm dia-6kg/sq.cm" PLASTERING Prepare surfaces and plaster with CM 1:3(1 cement, 3 sand) ,12mm minimum thick (sponge finish) to ceiling sides and soffit of beams and columns and other interior and 44.00 Sam exterior RCC surfaces not contiguous to masonry. Prepare surfaces and plaster with CM 1:5(1 cement, 5 sand) ,12mm minimum thick to all interior faces of walls (sponge finish) including RCC surfaces not contiguous to Sqm 0 masonry.Necessary internal grooves of size 10mmx10mm shall be carried out as shown/directed by engineer-in-charge. PAINTING Prepare surfaces and paint two coats of plastic emulsion paint of approved colour over two coats of Gypsum punning of 6 mm minimum thick and primer all complete as per 0 manufacturers specifications to all ceilings in all floors. Finishing with oil bound washable Interior Emulsion of approved brand and manufacture to give an even shade: New work (two or more coats) over and including water thinnable priming 126.00 Sam coat with cement primer Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 Sqm over an under coat of primer applied @0.75 ltr/10 Sqm of approved 21.00 Sam Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coa applied @ 0.90 ltr/ 10 Sqm over an under coat of primer applied @ 0.80 ltr/ 10 Sqm of approved 12.00 Sam brand and manufacture Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare Sam 126.00 Removing white or colour wash by scrapping and sand papering and preparing the surface 0 smooth including necessary repairs to scratches etc. complete Finishing with Deluxe Multi surface paint system for exteriors using Primer as per Sqm 178.00 manufacturers specifications: Two or more coats applied on walls @ 1.25 ltr/10 Sqm DISMANTLING Dismantling plastered brickwalls in cement mortar including cleaning, stacking the useful materials as directed by engineer-in-charge and dumping the dismantled debris as indicated at 1.00 Cum site, levelling, consolidating, all complete as directed and disposing the debris away from site all complete as directed.

	<u>SCHEDULE V</u> SCHEDULE OF WORK - DARNU (KANGRA DISTRICT)				
G :				TT: 1 :-	
Sub:	Civil and Electrical works for setting up of Health Wellness Center at Darnu				
32	Dismantling the existing RCC concrete including cutting the reinforcement, stacking the useful materials as directed by engineer-in-charge, dumping the dismantled debris as indicated at site, leveling, consolidating, all complete as directed and disposal of debris away from site all complete.	Unit Cum	Quantity 1.00	Rate in Rs	Amount in Rs
33	Dismantling Tile Flooring and Walls and disposing the debris away from site all complete as directed.	Sqm	2.00		
	PATHWAY				
34	Providing and laying cement concrete paver blocks of thick 80mm made out of M25 design mix of shape and profile as approved by architect .The rate should include cost of necessary excavation, COARSE SAND upto a depth of 50mm pointing in CM 1:3 all complete as directed.(For purpose of payment total laid area in length multiplied by width in plan will be paid.) Tenderer to submit necessary pamphlets along with tender.	Sqm	0		
	PLUMBING				
35	Providing and fixing gun metal gate valve with C.I. wheel of approved quality -25MM	Sqm	2		
36	Providing and fixing C.P. brass angle valve for basin mixer and geyserpoints of approved quality conforming to IS:8931 a) 15 mm nominal bore: 15 mm nominal bore.Make:Hindware,Cera,Jaquar etc	Each	2		
37	Providing and fixing PTMT Bottle Trap for Wash basin and sink.Bottle trap 38mm single piece moulded with height of 270mm, effective length of tail pipe 260mm from the centre of the waste coupling 77mm breadth with 25mm minimum water seal, weighing not less than 263gms.	Each	0		
38	Providing and fixing trap of self cleansing design with screwed down orhinged grating with or without vent arm complete, including cost of cuttingand making good the walls and floors:100 mm inlet and 100 mm outlet	Each	2		
39	Constructing brick masonry manhole in cement mortar 1:4 (1 cement: 4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement: 4 coarse sand: 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement: 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design: With common burnt clay F.P.S designation 7.5	Each	0		
40	Providing and fixing square – mouth PVC. Gully trap grade "A" complete with CI grating brick masonry chamber with water tight tight CI cover with frame of 300 x 300mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design	Each	0		
41	Providing and fixing white vitreous china pedestal type water closet(European type W.C. pan) with seat and lid, 10 litre low level white P.V.C.flushing cistern, including flush pipe, with manually controlled device(handle lever), conforming to IS: 7231, with all fittings and fixturescomplete, including cutting and making good the walls and floors wherever required: W.C. pan with ISI marked white solid plastic seat and lid	Each	2		
42	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brasspillar taps, 32 mm C.P. brass waste of standard pattern, including paintingof fittings and brackets, cutting and making good the walls whereverrequire: White Vitreous China Wash basin size 630x450 mm with apair of 15 mm C.P. brass pillar taps	Each	2		
43	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge.Concealed work including cutting chases and making good the walls etc 20 mm nominal outer dia .Pipes	RM	0		
1	32 mm nominal outer dia Pipes 50 mm nominal outer dia Pipes	RM RM	0		
	50 mm nominal duter dia ripes	INIVI	U		
44	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as perIS: 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the wallswherever required ::(Lowest retail price of sink not less than Rs. 3150)				
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	SCHEDULE V SCHEDULE OF WORK, DARNU (KANCRA DISTRICT)					
	SCHEDULE OF WORK - DARNU (KANGRA)					
Sub:	Civil and Electrical works for setting up of Health Wellness Center at Darnu					
Sl No	Specification Company of the Company	Unit	Quantity	Rate in Rs	Amount in Rs	
	Kitchen sink without drain board, Size -610x510 mm bowl depth 200 mm	Each	1			
45	Providing and fixing PVC Waste pipe for sink or wash basin including PVC waste fittings complete.:Semi rigid pipe 32mm dia	Each	3			
	Providing and fixing CP Waste coupling for wash basin and sink of approved quality, colour					
46	and make. Waste coupling 31mm of 79mm length and 62mm breadth, weighing not less than 45 gms. Make:Hindware,Jaquar etc,	Each	3			
47	Extra for providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/stone work, including necessary holes for pillar taps etc. including moulding, rubbing and polishing of cut edges etc. complete.	Each	1			
48	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	Each	2			
49	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved quality and colour. 600mm long towel rail with total length of 645mm, width 78mm and effective height of 88mm, weighing not less than 190gms.	Each	2			
50	Providing and fixing PTMT liquid soap container 109mm wide, 125mm high and 112mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour, weighing not less than 105 gms.	Each	2			
51	Providing & fixing of CP Health faucet. Hand operated spray unit (instand type)	Set	2			
52	Providing and fixing PVC pipes for water supply arrangements including cost pipes, fittings, solvent cement,testing of pipes, labour charges etc complete: Concealed work including cutting chases and making good the wall etc					
a	20mm dia. PVC pipe	RM	10			
b c	25mm dia. PVC pipe 32mm dia. PVC pipe	RM RM	20			
	52min dia. F v C pipe	Kivi	U			
53	Providing and fixing CP grating of 6mm thick with rim including setting in floor with white cement mortar and making good the floor					
	125mm dia	Each	2			
54	Providing and fixing PVC soil, waste and vent pipe to IS: 13592 of SWR quality including all fittings, like: Bends, Tees, Elbows, Collars, junction, inspection doors, cowls, offsets, access pipes, jointing with rubber ring / solvent cement by application of leak proof adhesive like FRP paste including cutting holes in walls and floors and making good. Make:Supreme,Finolex,Prince etc					
a	110mm dia	RM	12			
b	50mm dia	RM	0			
	THE PLANT OF THE P					
	CURTAIN WORK					
	1.Two range of curtain cloth – Type 1 - II.					
	2. Both for doors, windows and partions.					
	3. Assorted colours plain & prints					
.	4.Stitched as per site/ size requirement					
	5.Minor modifications in stitching as per site/ size requirement 6.Preferred colour (Brown, Cream, Beige)					
	7. Curtain price (including cloth & curtain rod) to be quoted in Squre metre					
	8.Stitching for each curtain to be absorb in the price of the cloth generally 2 meters.					
	9.Fast colours, water wash					
-	10.Fabric density Non Transparent Composition 11.Fabric of curtain shall be soft texture, great shading, drape effect and nice dobby.					
	12. The bracket shall be side mounted and front mounted as required					
	13.First rod mount is 3.5 inches from the wall.					
	14. Where curtain used as a partition/ long length, sufficient support from ceiling should be provided to avoid sagging.			_		
	15.Rate quoted for fully stitched Curtain with top nepha with punch holes after lining bucramreinforced with SS / PVC islets and lower nepha 200mm double turned.					

	SCHEDULE V					
	SCHEDULE OF WORK - DARNU (KANGRA	·				
Sub:	Civil and Electrical works for setting up of Health Wellness Center at Darnu	` 0		,		
Sl No	Specification Type I (Syraige) Cyrtain)	Unit	Quantity	Rate in Rs	Amount in Rs	
55	Type -I (Surgical Curtain) Curtain fabric weight shall be up to 275-300 (±5%) gsm Composition of fabric shall be polyester yarn I.E. 300 denier fast colour sink age shall be (±5%) Weft and warp shall be polyester / cotton polyester mix	Sqm	10			
56	Type - II (Window & Door Curtain)					
	Curtain fabric weight shall be up to 250-275 (±5%) gsm Composition of fabric shall be polyester yarn I.E. 300 denier fast colour sink age shall be (±5%) Weft and warp shall be polyester / cotton polyester mix	Sqm	0			
	FALSE CEILING & CLADDING					
57	Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building, for all heights and all levels etc. including: Structural analysis & design and preparation of shop drawings for pressure equalisation or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design. Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metalic colour of approved shades made out of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc. The fastening brackets of Aluminium alloy 6005 T5 / MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specification and drawing The item includes cost of all material & labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding, cleaning and protection of the curtain wall with aluminium composite panel cladding is payable under the relevant aluminium items. The Contractor shall provide curtain wall with aluminium composite panel cladding, having all the performance characteristics all complete , as per the Architectural drawings, as per i	Sqm	6.00			
58	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked M.S. Pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. Second class teak wood: 35 mm thick shutters	Sqm	8.00			
59	Providing and Fixing Wooden false Ceiling comprising of a Galvanized MS frame as required covered with 12 mm thick Marine ply, followed by 6 mm premium quality MDF for making groove and finished with a natural veneer (as approved) of 3.5 mm thickness duly Spirit polished with melamine matt coating. The ceiling shall be fixed to the roof soffit with adequate suspenders. The item shall be inclusive of cutting & making cutouts for lights, diffusers etc all complete. (veneer with basic cost Upto Rs:100 per sft FOR site)	Sqm	0			
	Total Civil Works ELECTRICAL WORKS					
1	Point wiring in PVC conduit with modular type switch.					
	Wiring for light point/fan point/exhaust fan point /call bell point with 1.5 sq mm FR PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit, with modular switch, modular plate, suitable PVC box and earthing the point with 1.5 sq.mm FR PVC insulated copper conductor single core cable etc as required. Group C	Point	5.00			
2	Wiring through PVC conduit	1 Offit	5.00			
	Wiring for circuit/submain wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/recessed medium class PVC conduit as required.(Make:Havells/Finolex/V-guard/Polycab)					
a b	2X1.5 sq.mm + 1X1.5 sq.mm earth wire 2X2.5 sq.mm + 1 X2.5 sq mm earth wire	Metre Metre	18.00 12.00			
С	2X4 sq.mm + 1X2.5 sq.mm earth wire	Metre	0			

	SCHEDULE V SCHEDULE OF WORK - DARNU (KANGRA DISTRICT)				
Sub:	Civil and Electrical works for setting up of Health Wellness Center at Darnu		. Himachal Pr	adesh	
Sl No	Specification	Unit	Quantity	Rate in Rs	Amount in Rs
3	Telephone wiring in existing conduit:	Cint	Quantity	Tutte III Its	Tamount in Its
	Supplying and drawing following pair 0.5 sq mm FR PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required.				
a	2 Pair	Metre	0		
4	A/C point	Wictic	0		
	S/F 20A SPN MCB industrial socket outlet: Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 amps "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.(Make: Legrand/Havells/HPL)	Point	1.00		
5	Modular type blanking plate: Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.(Make: Legrand/Havells/HPL)	Each	3.00		
	W. I.				
6	Modular boxes, bases & cover plate: Supplying and fixing following size/modules, GI box along with modular base & cover plate for modular switches in recess etc as required.(Make: Legrand/Havells/HPL)				
a	2 module	Each	1.00		
b	3 module	Each	4.00		
c	4 module	Each	1.00		
d	6 module	Each	2.00		
e	8 module	Each	0		
f	12 module	Each	0		
7	Modular type switch/socket: Supplying and fixing following modular switch/socket on the existing modular plate & switch box including connections but excluding modular plate etc as required. (Make: Legrand/Havells/HPL)				
a	5/6 Amps switch	Each	6.00		
b	3 pin 5/6 Amp socket outlet	Each	6.00		
c	15/16 Amps switch	Each	2.00		
d	6pin 15/16 Amps (universal) socket outlet	Each	2.00		
e	Telephone socket outlet	Each	0		
8	S/F PVC conduit: Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.(ISI Make)				
a	20 mm	Metre	20.00		
b	25 mm	Metre	15.00		
9	ITC Fluorescent fitting directly on surface: Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting/LED of all types, complete with all accessories and tube etc. directly on ceiling/ wall, including connection with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable and earthing etc. as required.	Each	4.00		
10	ITC Ceiling fan: Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable etc. as required.	Each	0		
11	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	Each	0		
12	LAYING OF CABLES		 		
	CABLE LAYING Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1kV grade of following size clamped on wall surface with 1mm thick saddles as required complete.				
a	FROM Mains TO DB				
	4 X 10 sq.mm	Metre	15.00		
	THE THE STATE OF T				
13	END TERMINATION Supply and making end termination with brass compression gland, earth clip and aluminium lugs for following size of PVC insulated and PVC sheathed/XLPE aluminium conductor cable fo 1.1KV grade as required.				
	4 X 10 sq.mm	Each	2.00		
14	CABLE SUPPLY Supplying the following PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade so per CPWD standards or required. (Make Havelle/ Gloster/Nicco/Finaley/Delyeab)				
1	as per CPWD standards as required. (Make:Havells/ Glostar/Nicco/Finolex/Polycab) 4 x 10 sq.mm	Metre	15.00		
1	T A 10 SQ-HIII	MEHE	13.00		
	1			l	<u> </u>

SCHEDULE V							
SCHEDULE OF WORK - DARNU (KANGRA DISTRICT)							
Sub:	Civil and Electrical works for setting up of Health Wellness Center at Darnu (Kangra District), Himachal Pradesh						
Sl No	Specification	Unit	Quantity	Rate in Rs	Amount in R		
15	Supply of 15W LED tube fitting sleek with decorative end cap, powder coated CRCA steel channel complete with all electrical accessories like electronic ballast, lamp holder, 28W LED lamp etc complete as required. (Philips / Wipro /HAVELLS)	Each	4.00				
16	Symply and installation of 19 W CEL with its all accessories HSI MAVEL	Each	1.00				
10	Supply and installation of 18 W CFL with its all accessories.[ISI MAKE]	Eacii	1.00				
17	Supply and installation of 1200 mm sweep Ceiling fan, white colour, 5 star rated as per BEE complete with blades, down rod, shackle, canopy etc(Make Havells/bajaj/usha/V-guard/crompton)	Each	0				
18	Supply and installation EXHAUST FAN,SHUTTER TYPE white colour, 9" OR 10" star rated as per BEE complete with its all accessories(Make Havells/bajaj/usha/V-guard)	Each	0				
19	C.E. CONLANCE PED						
19	S/F of SPN MCB PDB Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc.						
_	as required. (But without MCB/RCCB/Isolator)	Ek	1.00				
a b	4 way double door, horizontal type 6 way Double door, horizontal type	Each Each	1.00				
19.2	S/F OF SP MCB	Eacii	U				
19.2	6/10A SP MCB	Each	2.00				
19.3	S/F DP ISOLATOR	Euch	2.00				
	Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, ISOLATOR having a sensitivity current upto 100 to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc, as required.(Make: Legrand/Havells/HPL)	F. I	1.00				
20	32 AMPS EARTHING	Each	1.00				
20	Pipe earthing with G.I. earth pipe 2.5 metre, long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt) as required complete.	Set	1.00				
21	Preparation of all drawings submitting and getting approval from EB for extra load & 3phase connection with Meter, submitting of Completion certificates and arranging inspection, getting sanction and energisation certificates etc. for commissioning of the whole installation in the premises. All statutory payments(inclusive) will be reimbursed on production of the original reciepts.	Ls	0				
23	Miscellaneous Items						
23.1	Miscellaneous electrical work, removing of existing conduits and interconnections of light,6A socket/16A socket/A/C point from exisiting DB	LS	0				
	Total Electrical Works						
	Grand Total			Rs			
	GST @ 18%			Rs			
	Grand Total (In Rs. Incl. of taxes)			Rs			

Signature of Contractor

SCHEDULE V SCHEDULE OF WORK - GUNEHAR (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Gunehar (Kangra District), Sub: Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs CIVIL WORK EARTH WORK "Excavate foundation in all kinds of soil including soft rock except hard rock requiring blasting part return and fill in foundation and basement in layers not exceeding 15cm in depth including watering, breaking clods and consolidating, disposing and spreading surplus earth within the site upto 1.5m depth.(No extra shall be payable for working space) 52.00 Cum Tenderer to ensure proper dewatering and shoring methods to ensure all time dry condition. Any damages of sides of foundation or collapsing of soil from sides due to excessive water seepage or surface runoff or any other cause have to be replaced with quarry dust or Malaimann at no extra cost." Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height 2 40.00 Sqm of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared. Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots Each 0 and stacking of serviceable material and disposal of unserviceable material. Beyond 60 cm girth upto and including 120 cm girth Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in 8.00 Cum depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m. CEMENT CONCRETE Cement concrete 1:4:8 (1 cement ,4 sand , 8 hard blue granite stone metal 40mm and down gauge in layers not exceeding 15 cms in depth well consolidated in foundation and levelling Cum 6.00 course under floors including necessary shuttering, in steps etc all complete as directed. R.C.C.WORK "RCC M20 (Design Mix) using hard blue granite metal 20mm and down gauge including centering, shuttering, curing etc., compelete but excluding cost of reinforcement Note: Polythene sheet shall be provided under the slabs." 2.00 In Foundation, Footing and bed blocks at all levels. Cum In Suspended roof slab of required thicknes Cum 0 b In Ground Floor 8.00 Cum Providing, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete in lintels, beams and bressumers, including setting in cement mortar 1:3 (1 cement : 3

8.00

coarse sand), cost of required centering and shuttering but

excluding the cost of reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal

size)

SCHEDULE V SCHEDULE OF WORK - GUNEHAR (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Gunehar (Kangra District), Sub: Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs "High Yield Strength Deformed bars in all RCC items & floorings General Note: Sizes of RCC elements shown in the drawing are only indicative and subject to change .No extra shall be payable on M.T 2.00 this account. Any change in size of concrete elements resulting in change of area of shuttering due to change in quantity of concrete shall also not be payable"" MASONRY WORK Brickwork of locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in cement mortar 1:5 (1 cement,5 sand) in foundation and plinth. No extra payment will be paid for any shape or size, turnings, fins, etc unless otherwise specified seperately. Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 Cum 2.00 coarse sand: 12 graded stone aggregate 20 mm nominal size) upto plinth level with: Cement mortar 1:6 (1 cement: 6 coarse sand) 66mm overall thickness partition using 8mm thick double skin multipurpose cement board reinforced with cellulose fibre 11 Sqm 98.00 manufactured through autoclaving process (High pressure steam cured) as per IS: 14862 with suitable fibre cement screws Half brickwork with locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in CM 1:3 (1 cement 3 sand) and reinforced with two numbers of 6mm dia. M.S rods at every fourth course embedded in cement mortar 1:4 for partitions. 4.00 In Ground Floor Sqm FLOORING Providing & laying first class full body vitrified ceramic tile of make Kajaria/ Restile/Johnson or equivalent of 600mmx600mmx 9.5mm or approved size of approved colour (matt finish) in flooring using spacer of required size (2mm-4mm) from endura or equivalent over a bed of cement mortar 1:4 of required thickness to match finished floor level mentioned and to 42.00 13 Sqm match the neighbouring floor finish and jointed with epoxy grout of approved shade from Bal Endura or equivalent brand all complete as directed.(Basic cost of tile - Rs.85/sft). Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area.No extra shall be payable for forming any pattern in the flooring like border, cut tiles,etc. Providing and laying 600mm x 600mm or required size from Kajaria/ Restile/Johnson glazed tiles of plain series(Satin finish) in dado set in CM 1:3 with joints so as to form a true & even surface and joints finished neatly with white cement mixed with matching pigments all complete as directed. (Rate should include base plastering with CM 1:5 of required thickness.) 14 28.00 Sqm The rate shall include cost of providing 6mmx6mm groove in the plastering at top of the tile all complete as directed. (Basic cost of tile - Rs.85/sft). Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area. No extra shall be payable for forming any pattern like border, etc.

SCHEDULE V SCHEDULE OF WORK - GUNEHAR (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Gunehar (Kangra District), Sub: Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints 19.00 Sqm treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite of any colour and shade. Area of slab over 0.50 sqm STEEL WORK Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required MT 0.02 16 size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in incharge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.). Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in 17 MT 0.10 position and applying a priming coat of approved steel primer all complete. CARPENTRY WORK Providing and fixing factory made uPVC white colour casement/ casement cum fixed glazed windows comprising of uPVC multichampered frame, sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, stainless steel (SS 304 grade) friction hinges, zinc alloy (white powder coated) casement handles, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing 6.00 Sqm hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately) Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable. Casement window double panels with top fixed with S.S. friction hinges (350 x 19 x 1.9 mm) made of (small series) frame 47 x 50 mm, sash 47 x 68 mm & mullion 47 x 68 mm all having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area of window upto 2.50 sqm).

SCHEDULE V SCHEDULE OF WORK - GUNEHAR (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Gunehar (Kangra District), Sub: Himachal Pradesh Unit Sl No Specification Quantity Rate in Rs Amount in Rs 24 mm thick factory made PVC door shutters made of styles and rails of a uPVC hollow section of size 59x24 mm and wall thickness 2 mm (± 0.2 mm) with inbuilt edging on both sides. The styles and rails mitred and joint at the corners by means of M.S. galvanised/ plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 20x20 mm and 1 mm (± 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x24 mm and 2 mm (± 0.2 mm) wall 19 Sqm 4.00 thickness, fixed to the shutter styles by means of plastic/galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multichambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (± 0.1 mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge. (For W.C. and bathroom door shutter). Providing and fixing cup board shutters 25 mm thick, with Prelaminated flat pressed three layer particle board or graded wood particle board IS: 12823 marked, exterior grade (Grade 1 Type 11), having one side decorative lamination and other side balancing 20 5.00 Sqm lamination, including IInd class teak wood lipping of 25 mm wide x12 mm thick with necessary screws and bright finished stainless steel piano hinges, complete as per direction of the Engineer-in-Charge ROOFING ""Supplying and embedding P.V.C rain water pipes of approved quality embedded inside the RC columns/masonry in position with all necessary specials like shoes, bends or any other specials required to suit site conditions etc., jointed with 21 12.00 R.M wavin cement and lubricants with necessary MS clamps, brackets ,bolts and nuts all complete as directed. 110mm dia-6kg/sq.cm" PLASTERING Prepare surfaces and plaster with CM 1:3(1 cement, 3 sand) ,12mm minimum thick (sponge finish) to ceiling sides and soffit 44.00 Sqm of beams and columns and other interior and exterior RCC surfaces not contiguous to masonry. Prepare surfaces and plaster with CM 1:5(1 cement, 5 sand) ,12mm minimum thick to all interior faces of walls (sponge finish) including RCC surfaces not contiguous to Sqm masonry. Necessary internal grooves of size 10mmx10mm shall be carried out as shown/directed by engineer-in-charge. PAINTING Prepare surfaces and paint two coats of plastic emulsion paint of approved colour over two coats of Gypsum punning of 6 mm Sqm 0 minimum thick and primer all complete as per manufacturers specifications to all ceilings in all floors. Finishing with oil bound washable Interior Emulsion of approved brand and manufacture to give an even shade: New work (two or Sqm 126.00 more coats) over and including water thinnable priming coat with cement primer

SCHEDULE V SCHEDULE OF WORK - GUNEHAR (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Gunehar (Kangra District), Sub: Himachal Pradesh Specification Sl No Unit Quantity Rate in Rs Amount in Rs Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under 21.00 Sqm coat of primer applied @0.75 ltr/10 sqm of approved brand and manufacture Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under 12.00 Sqm coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture Providing and applying plaster of paris putty of 2 mm thickness over 28 plastered surface to prepare the surface even and smooth complete. Sqm 126.00 Removing white or colour wash by scrapping and sand papering and 29 preparing the surface smooth including necessary repairs to 0 Sqm scratches etc. complete Finishing with Deluxe Multi surface paint system for exteriors using Primer as per manufacturers specifications: Two or more coats Sqm 178.00 applied on walls @ 1.25 ltr/10 sqm DISMANTLING Dismantling plastered brickwalls in cement mortar including cleaning, stacking the useful materials as directed by engineer-in-31 charge and dumping the dismantled debris as indicated at site, Cum 1.00 levelling, consolidating, all complete as directed and disposing the debris away from site all complete as directed. Dismantling the existing RCC concrete including cutting the reinforcement, stacking the useful materials as directed by engineer-32 in-charge, dumping the dismantled debris as indicated at site, Cum 1.00 leveling, consolidating, all complete as directed and disposal of debris away from site all complete. Dismantling Tile Flooring and Walls and disposing the debris away 33 2.00 Sqm from site all complete as directed. **PATHWAY** Providing and laying cement concrete paver blocks of thick 80mm made out of M25 design mix of shape and profile as approved by architect .The rate should include cost of necessary excavation, COARSE SAND upto a depth of 50mm pointing in CM 1:3 all Sqm complete as directed.(For purpose of payment total laid area in length multiplied by width in plan will be paid.) Tenderer to submit necessary pamphlets along with tender. PLUMBING Providing and fixing gun metal gate valve with C.I. wheel of 35 2 Sqm approved quality -25MM Providing and fixing C.P. brass angle valve for basin mixer and geyserpoints of approved quality conforming to IS:8931 a) 15 mm 36 Each 2 nominal bore: 15 mm nominal bore.Make:Hindware,Cera,Jaquar

SCHEDULE V SCHEDULE OF WORK - GUNEHAR (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Gunehar (Kangra District), Sub: Himachal Pradesh Specification Sl No Unit Quantity Rate in Rs Amount in Rs Providing and fixing PTMT Bottle Trap for Wash basin and sink.Bottle trap 38mm single piece moulded with height of 270mm, effective length of tail pipe 260mm from the centre of the waste 0 Each coupling 77mm breadth with 25mm minimum water seal, weighing not less than 263gms. Providing and fixing trap of self cleansing design with screwed down orhinged grating with or without vent arm complete, including 2 Each cost of cuttingand making good the walls and floors :100 mm inlet and 100 mm outlet Constructing brick masonry manhole in cement mortar 1:4 (1 cement: 4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1) cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished 39 Each 0 with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design: With common burnt clay F.P.S designation 7.5 Providing and fixing square – mouth PVC. Gully trap grade "A" complete with CI grating brick masonry chamber with water tight tight CI cover with frame of 300 x 300mm size (inside) the weight 0 Each of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design Providing and fixing white vitreous china pedestal type water closet(European type W.C. pan) with seat and lid, 10 litre low level white P.V.C.flushing cistern, including flush pipe, with manually controlled device(handle lever), conforming to IS: 7231, with all Each 2 fittings and fixturescomplete, including cutting and making good the walls and floors wherever required :W.C. pan with ISI marked white solid plastic seat and lid Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brasspillar taps, 32 mm C.P. brass waste of standard pattern, 42 including painting of fittings and brackets, cutting and making good 2. Each the walls whereverrequire: White Vitreous China Wash basin size 630x450 mm with apair of 15 mm C.P. brass pillar taps Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one 43 step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge.Concealed work including cutting chases and making good the walls etc 20 mm nominal outer dia .Pipes Metre 0 a b 32 mm nominal outer dia Pipes Metre 0 c 50 mm nominal outer dia Pipes Metre 0 Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as perIS: 13983 with C.I. brackets and stainless steel plug 40 mm, 44 includingpainting of fittings and brackets, cutting and making good the wallswherever required ::(Lowest retail price of sink not less than Rs. 3150)

SCHEDULE V SCHEDULE OF WORK - GUNEHAR (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Gunehar (Kangra District), Sub: Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Kitchen sink without drain board, Size -610x510 mm bowl depth 200 Each Providing and fixing PVC Waste pipe for sink or wash basin including PVC waste fittings complete.:Semi rigid pipe 32mm dia 3 Each Providing and fixing CP Waste coupling for wash basin and sink of approved quality, colour and make. Waste coupling 31mm of 79mm length and 62mm breadth, weighing not less than 45 gms. 3 Each Make:Hindware,Jaquar etc.., Extra for providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/stone work, including necessary holes for pillar 47 Each 1 taps etc. including moulding, rubbing and polishing of cut edges etc. complete. Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board 48 Each 2 ground fixed to wooden cleats with C.P. brass screws and washers complete. Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting 49 arrangement of approved quality and colour. 600mm long towel rail Each 2 with total length of 645mm, width 78mm and effective height of 88mm, weighing not less than 190gms. Providing and fixing PTMT liquid soap container 109mm wide, 125mm high and 112mm distance from wall of standard shape with 50 Each 2 bracket of the same materials with snap fittings of approved quality and colour. weighing not less than 105 gms. Providing & fixing of CP Health faucet. Hand operated spray unit 51 Set 2 (instand type) Providing and fixing PVC pipes for water supply arrangements including cost pipes, fittings, solvent cement, testing of pipes, labour charges etc complete: Concealed work including cutting chases and making good the wall etc 20mm dia. PVC pipe Metre 10 a 25mm dia. PVC pipe Metre 20 32mm dia. PVC pipe Metre 0 Providing and fixing CP grating of 6mm thick with rim including 53 setting in floor with white cement mortar and making good the floor Each 2 125mm dia Providing and fixing PVC soil, waste and vent pipe to IS: 13592 of SWR quality including all fittings, like: Bends, Tees, Elbows, Collars, junction, inspection doors, cowls, offsets, access pipes, jointing with rubber ring / solvent cement by application of leak proof adhesive like FRP paste including cutting holes in walls and floors and making good. Make:Supreme,Finolex,Prince etc.., a 50mm dia Metre 0 110mm dia Metre 12 b

SCHEDULE V SCHEDULE OF WORK - GUNEHAR (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Gunehar (Kangra District), Sub: **Himachal Pradesh** Sl No Specification Unit Rate in Rs Quantity Amount in Rs **CURTAIN WORK** 1.Two range of curtain cloth - Type 1 - II. 2. Both for doors, windows and partions. 3. Assorted colours plain & prints 4.Stitched as per site/ size requirement 5. Minor modifications in stitching as per site/ size requirement 6.Preferred colour (Brown, Cream, Beige) 7. Curtain price (including cloth & curtain rod) to be quoted in Squre 8.Stitching for each curtain to be absorb in the price of the cloth generally 2 meters. 9.Fast colours, water wash 10.Fabric density Non Transparent Composition 11. Fabric of curtain shall be soft texture, great shading, drape effect 12. The bracket shall be side mounted and front mounted as required 13. First rod mount is 3.5 inches from the wall. 14. Where curtain used as a partition/ long length, sufficient support from ceiling should be provided to avoid sagging. 15.Rate quoted for fully stitched Curtain with top nepha with punch holes after lining bucramreinforced with SS / PVC islets and lower nepha 200mm double turned. Type -I (Surgical Curtain) Curtain fabric weight shall be up to 275-300 (±5%) gsm Composition of fabric shall be polyester yarn I.E. 300 denier fast Sqm 10 colour sink age shall be (±5%) Weft and warp shall be polyester cotton polyester mix Type - II (Window & Door Curtain) Curtain fabric weight shall be up to 250-275 (±5%) gsm Composition of fabric shall be polyester yarn I.E. 300 denier fast Sqm 0 colour sink age shall be (±5%) Weft and warp shall be polyester / cotton polyester mix

SCHEDULE V SCHEDULE OF WORK - GUNEHAR (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Gunehar (Kangra District), Sub: Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs FALSE CEILING & CLADDING Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building, for all heights and all levels etc. including: Structural analysis & design and preparation of shop drawings for pressure equalisation or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design. Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metalic colour of approved shades made out of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, 57 6.00 Sqm with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc. The fastening brackets of Aluminium alloy 6005 T5 / MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bimetallic contacts all complete required to perform as per specification and drawing The item includes cost of all material & labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked M.S. Pressed butt hinges bright finished of required size with necessary 8.00 Sam screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. Second class teak wood: 35 mm thick shutters Providing and Fixing Wooden false Ceiling comprising of a Galvanized MS frame as required covered with 12 mm thick Marine ply, followed by 6 mm premium quality MDF for making groove and finished with a natural veneer (as approved) of 3.5 mm thickness duly Spirit polished with melamine matt coating. The 0 Sqm ceiling shall be fixed to the roof soffit with adequate suspenders. The item shall be inclusive of cutting & making cutouts for lights, diffusers etc all complete. (veneer with basic cost Upto Rs:100 per sft FOR site) **Total Civil Works** ELECTRICAL WORKS Point wiring in PVC conduit with modular type switch. Wiring for light point/fan point/exhaust fan point /call bell point with 1.5 sq mm FR PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit, with modular switch, modular plate, suitable PVC box and earthing the point with 1.5 sq.mm FR PVC insulated copper conductor single core cable etc as required. Group C Point

SCHEDULE V SCHEDULE OF WORK - GUNEHAR (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Gunehar (Kangra District), Sub: Himachal Pradesh Specification Sl No Unit Quantity Rate in Rs Amount in Rs Wiring through PVC conduit Wiring for circuit/submain wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/recessed medium class PVC conduit as required.(Make:Havells/Finolex/V-guard/Polycab) Metre 18 2X1.5 sq.mm + 1X1.5 sq.mm earth wire 2X2.5 sq.mm + 1 X2.5 sq mm earth wire Metre 12 b 2X4 sq.mm + 1X4 sq.mm earth wire Metre 0 Telephone wiring in existing conduit: 3 Supplying and drawing following pair 0.5 sq mm FR PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required. Metre a 2 Pair 0 A/C point S/F 20A SPN MCB industrial socket outlet: Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 amps "C" curve, SP, MCB, in sheet steel enclosure, on Point 1 surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.(Make: Legrand/Havells/HPL) Modular type blanking plate: Supplying and fixing modular blanking plate on the existing 3 modular plate & switch box excluding modular plate as Each required.(Make: Legrand/Havells/HPL) Modular boxes, bases & cover plate: Supplying and fixing following size/modules, GI box along with modular base & cover plate for modular switches in recess etc as required.(Make: Legrand/Havells/HPL) 2 module Each 3 module 4 Each 4 module Each 1 6 module Each 2 d 8 module Each 0 f 12 module Each 0 Modular type switch/socket: Supplying and fixing following modular switch/socket on the existing modular plate & switch box including connections but excluding modular plate etc as required. Legrand/Havells/HPL) 5/6 Amps switch Each 6 a b 3 pin 5/6 Amp socket outlet Each 6 15/16 Amps switch Each 2 6pin 15/16 Amps (universal) socket outlet 2 d Each Telephone socket outlet Each 0 S/F PVC conduit: Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.(ISI Make) 20 mm 20 Metre

Metre

15

25 mm

b

SCHEDULE V SCHEDULE OF WORK - GUNEHAR (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Gunehar (Kangra District), Sub: Himachal Pradesh Specification Sl No Unit Quantity Rate in Rs Amount in Rs ITC Fluorescent fitting directly on surface: Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting/LED of all types, complete with 4 all accessories and tube etc. directly on ceiling/ wall, including connection with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable and earthing etc. as required. Each ITC Ceiling fan: Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. Each 0 mm FR PVC insulated, copper conductor, single core cable etc. as required. 11 Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including Each 0 connections but excluding modular plate etc. as required. LAYING OF CABLES CABLE LAYING Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1kV grade of following size clamped on wall surface with 1mm thick saddles as required complete. a FROM Mains TO DB 4 X 10 sq.mm 15 Metre END TERMINATION Supply and making end termination with brass compression gland, earth clip and aluminium lugs for following size of PVC insulated and PVC sheathed/XLPE aluminium conductor cable fo 1.1KV grade as required. 4 X 10 sq.mm Each 2 CABLE SUPPLY Supplying the following PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade as per CPWD standards as required. (Make: Havells/ Glostar/Nicco/Finolex/Polycab) 4 x 10 sq.mm Metre 15 Supply of 15W LED tube fitting sleek with decorative end cap, 15 powder coated CRCA steel channel complete with all electrical 4 Each accessories like electronic ballast, lamp holder, 28W LED lamp etc complete as required. (Philips / Wipro /HAVELLS) 16 Supply and installation of 18 W CFL with its all accessories.[ISI Each 1 MAKE] Supply and installation of 1200 mm sweep Ceiling fan, white colour, 5 star rated as per BEE complete with blades, down rod, Each shackle, canopy etc(Make Havells/bajaj/usha/V-guard/crompton) Supply and installation EXHAUST FAN, SHUTTER TYPE white colour, 9" OR 10" star rated as per BEE complete with its all 0 Each accessories(Make Havells/bajaj/usha/V-guard) S/F of SPN MCB PDB Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) 4 way double door, horizontal type Each b 6 way Double door, horizontal type Each 0 19.2 S/F OF SP MCB 6/10A SP MCB Each 2

SCHEDULE OF WORK - GUNEHAR (KANGRA DISTRICT) Sub: Civil and Electrical works for setting up of Health Wellness Center at Gunehar (Kangra District), Himachal Pradesh						
Sl No	Specification	Unit	Quantity	Rate in Rs	Amount in Rs	
19.3	S/F DP ISOLATOR					
	Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, ISOLATOR having a sensitivity current upto 100 to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc, as required.(Make: Legrand/Havells/HPL)					
	32 AMPS	Each	1			
20	EARTHING					
	Pipe earthing with G.I. earth pipe 2.5 metre, long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt) as required complete.	Set	1			
21	Preparation of all drawings submitting and getting approval from EB for extra load & 3phase connection with Meter, submitting of Completion certificates and arranging inspection, getting sanction and energisation certificates etc. for commissioning of the whole installation in the premises. All statutory payments(inclusive) will be reimbursed on production of the original reciepts.	Ls	0			
23	Miscellaneous Items					
23.1	Miscellaneous electrical work, removing of existing conduits and interconnections of light,6A socket/16A socket/A/C point from exisiting DB	LS	0			
	Total Electrical Works					
	Grand Total			Rs.		
	GST @ 18%			Rs.		
	Grand Total (In Rs. Incl. of taxes)			Rs.		

SCHEDULE V SCHEDULE OF WORK - KANARTHU (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Kanarthu (Kangra District), Himachal Sub: Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs CIVIL WORK EARTH WORK Excavate foundation in all kinds of soil including soft rock except hard rock requiring blasting part return and fill in foundation and basement in layers not exceeding 15cm in depth including watering, breaking clods and consolidating, disposing and spreading surplus earth within the site upto 1.5m depth.(No extra shall be payable for working space) Cum 52.00 Tenderer to ensure proper dewatering and shoring methods to ensure all time dry condition. Any damages of sides of foundation or collapsing of soil from sides due to excessive water seepage or surface runoff or any other cause have to be replaced with quarry dust or Malaimann at no extra cost." Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above Sqm 40.00 ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared. Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material. Beyond 60 cm girth upto and including 120 cm girth Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each 4 21.00 Cum deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m. CEMENT CONCRETE Cement concrete 1:4:8 (1 cement ,4 sand , 8 hard blue granite stone metal 40mm and down gauge in layers not exceeding 15 cms in Cum 13.00 depth well consolidated in foundation and levelling course under floors including necessary shuttering, in steps etc all complete as directed. R.C.C.WORK 'RCC M20 (Design Mix) using hard blue granite metal 20mm and down gauge including centering, shuttering, curing etc., compelete but excluding cost of reinforcement 6 Note: Polythene sheet shall be provided under the slabs." 2.00 In Foundation, Footing and bed blocks at all levels. Cum a In Suspended roof slab of required thicknes 8.00 In Ground Floor Cum Providing, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete in lintels, beams and bressumers, including setting in cement mortar 1:3 (1 cement : 3 coarse sand), cost of required centering 8.00 Cum and shuttering but, excluding the cost of reinforcement, with 1:1.5:3 (1 cement: 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size) "High Yield Strength Deformed bars in all RCC items & floorings General Note: Sizes of RCC elements shown in the drawing are only indicative and subject to change .No extra shall be payable on this account. M.T 2.00 Any change in size of concrete elements resulting in change of area of shuttering due to change in quantity of concrete shall also not be payable""

SCHEDULE V SCHEDULE OF WORK - KANARTHU (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Kanarthu (Kangra District), Himachal Sub: Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs MASONRY WORK Brickwork of locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in cement mortar 1:5 (1 Cum cement,5 sand) in foundation and plinth. No extra payment will be paid for any shape or size, turnings, fins, etc unless otherwise specified seperately. Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 10 Cum 2.00 graded stone aggregate 20 mm nominal size) upto plinth level with : Cement mortar 1:6 (1 cement : 6 coarse sand) 66mm overall thickness partition using 8mm thick double skin multipurpose cement board reinforced with cellulose fibre manufactured through 11 Sqm 98.00 autoclaving process (High pressure steam cured) as per IS: 14862 with suitable fibre cement screws Half brickwork with locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in CM 1:3 (1 cement 3 sand) and reinforced with two numbers of 6mm dia. M.S rods at every fourth course embedded in cement mortar 1:4 for partitions. In Ground Floor Sqm 4.00 FLOORING Providing & laying first class full body vitrified ceramic tile of make Kajaria/ Restile/Johnson or equivalent of size 600mmx600mmx 9.5mm or approved size of approved colour (matt finish) in flooring using spacer of required size (2mm-4mm) from endura or equivalent over a bed of cement mortar 1:4 of required thickness to match finished floor level mentioned and to match the neighbouring floor finish and jointed with epoxy grout of Sqm 42.00 approved shade from Bal Endura or equivalent brand all complete as directed.(Basic cost of tile - Rs.85/sft). Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area. No extra shall be payable for forming any pattern in the flooring like border, cut tiles,etc. Providing and laying 600mm x 600mm or required size from Kajaria/ Restile/Johnson glazed tiles of plain series(Satin finish) in dado set in CM 1:3 with joints so as to form a true & even surface and joints finished neatly with white cement mixed with matching pigments all complete as directed. (Rate should include base plastering with CM 1:5 of required thickness.) 14 28.00 Sqm The rate shall include cost of providing 6mmx6mm groove in the plastering at top of the tile all complete as directed.(Basic cost of tile - Rs.85/sft). Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area. No extra shall be payable for forming any pattern like border, Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse 15 19.00 Sam sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite of any colour and shade. Area of slab over 0.50 sqm

SCHEDULE V SCHEDULE OF WORK - KANARTHU (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Kanarthu (Kangra District), Himachal Sub: Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs STEEL WORK Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary 0.0216 accessories & stainless steel dash fasteners, stainless steel bolts etc., of MT required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in incharge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.). Structural steel work riveted, bolted or welded in built up sections, trusses 17 and framed work, including cutting, hoisting, fixing in position and applying MT 0.10 a priming coat of approved steel primer all complete. CARPENTRY WORK Providing and fixing factory made uPVC white colour casement/ casement cum fixed glazed windows comprising of uPVC multichampered frame, sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, stainless steel (SS 304 grade) friction hinges, zinc alloy (white powder coated) casement handles, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing 18 SOM 6.00 hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately) Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable. Casement window double panels with top fixed with S.S. friction hinges (350 x 19 x 1.9 mm) made of (small series) frame 47 x 50 mm, sash 47 x 68 mm & mullion 47 x 68 mm all having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area of window upto 2.50 sqm). 24 mm thick factory made PVC door shutters made of styles and rails of a uPVC hollow section of size 59x24 mm and wall thickness 2 mm (± 0.2 mm) with inbuilt edging on both sides. The styles and rails mitred and joint at the corners by means of M.S. galvanised/ plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 20x20 mm and 1 mm (± 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC 19 SQM 4.00 hollow section of size 100x24 mm and 2 mm (± 0.2 mm) wall thickness, fixed to the shutter styles by means of plastic/galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (± 0.1 mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge. (For W.C. and bathroom door shutter). Providing and fixing cup board shutters 25 mm thick, with Pre-laminated flat pressed three layer particle board or graded wood particle board IS: 12823 marked, exterior grade (Grade 1 Type II), having one side decorative 20 lamination and other side balancing lamination, including IInd class teak SQM 5.00 wood lipping of 25 mm wide x12 mm thick with necessary screws and bright finished stainless steel piano hinges, complete as per direction of the Engineerin-Charge

SCHEDULE V

SCHEDULE OF WORK - KANARTHU (KANGRA DISTRICT)

Sub: Civil and Electrical works for setting up of Health Wellness Center at Kanarthu (Kangra District), Himachal Pradesh

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Specification	Unit	Quantity	Rate in Rs	Amount in Rs			
ROOFING """Supplying and embedding P.V.C rain water pipes of approved quality embedded inside the RC columns/masonry in position with all necessary specials like shoes, bends or any other specials required to suit site							
conditions etc., jointed with wavin cement and lubricants with necessary MS clamps, brackets , bolts and nuts all complete as directed.	R.M	12.00					
110mm dia-okg/sq.cm							
PLASTERING							
Prepare surfaces and plaster with CM 1:3(1 cement, 3 sand) ,12mm minimum thick (sponge finish) to ceiling sides and soffit of beams and columns and other interior and exterior RCC surfaces not contiguous to masonry.	Sqm	44.00					
Prepare surfaces and plaster with CM 1:5(1 cement, 5 sand) ,12mm minimum thick to all interior faces of walls (sponge finish) including RCC surfaces not contiguous to masonry.Necessary internal grooves of size 10mmx10mm shall be carried out as shown/directed by engineer-in-charge.	Sqm						
PAINTING							
Prepare surfaces and paint two coats of plastic emulsion paint of approved colour over two coats of Gypsum punning of 6 mm minimum thick and primer all complete as per manufacturers specifications to all ceilings in all floors.	Sqm						
Finishing with oil bound washable Interior Emulsion of approved brand and manufacture to give an even shade: New work (two or more coats) over and including water thinnable priming coat with cement primer	Sqm	126.00					
Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.75 ltr/10 sqm of approved brand and manufacture	Sqm	21.00					
Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture	Sqm	12.00					
Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	Sqm	126.00					
Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	Sqm						
Finishing with Deluxe Multi surface paint system for exteriors using Primer as per manufacturers specifications: Two or more coats applied on walls @ 1.25 ltr/10 sqm	Sqm	178.00					
DISMANTI INC							
stacking the useful materials as directed by engineer-in-charge and dumping the dismantled debris as indicated at site, levelling, consolidating, all complete as directed and disposing the debris away from site all complete as directed.	Cum	1.00					
Dismantling the existing RCC concrete including cutting the reinforcement, stacking the useful materials as directed by engineer-incharge, dumping the dismantled debris as indicated at site, leveling, consolidating, all complete as directed and disposal of debris away from site all complete.	Cum	1.00					
	"""Supplying and embedding P.V.C rain water pipes of approved quality embedded inside the RC columns/masonry in position with all necessary specials like shoes, bends or any other specials required to suit site conditions etc jointed with wavin cement and lubricants with necessary MS clamps,brackets,bolts and nuts all complete as directed. 110mm dia-6kg/sq.cm" PLASTERING Prepare surfaces and plaster with CM 1:3(1 cement, 3 sand) ,12mm minimum thick (sponge finish) to ceiling sides and soffit of beams and columns and other interior and exterior RCC surfaces not contiguous to masonry. Prepare surfaces and plaster with CM 1:5(1 cement, 5 sand) ,12mm minimum thick to all interior faces of walls (sponge finish) including RCC surfaces not contiguous to masonry.Necessary internal grooves of size 10mmx10mm shall be carried out as shown/directed by engineer-in-charge. PAINTING Prepare surfaces and paint two coats of plastic emulsion paint of approved colour over two coats of Gypsum punning of 6 mm minimum thick and primer all complete as per manufacturers specifications to all ceilings in all floors. Finishing with oil bound washable Interior Emulsion of approved brand and manufacture to give an even shade: New work (two or more coats) over and including water thinnable priming coat with cement primer Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.75 ltr/10 sqm of approved brand and manufacture Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete. Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete Finishing with Deluxe Multi surface paint system for exteriors using Primer as per manufacturers specifications: Two or more coats applied on walls @ 1.25 ltr/10 sqm DISMANTLING Dismantling plastered brickwalls in cement mortar i	""Supplying and embedding P.V.C rain water pipes of approved quality embedded inside the RC columns/masonry in position with all necessary specials like shoes, bends or any other specials required to suit site conditions etc., jointed with wavin cement and lubricants with necessary MS clamps, brackets, bolts and nuts all complete as directed. 110mm dia-6kg/sq.cm" PLASTERING Prepare surfaces and plaster with CM 1:3(1 cement, 3 sand), 12mm minimum thick (sponge finish) to ceiling sides and soffit of beams and columns and other interior and exterior RCC surfaces not contiguous to masonry. Prepare surfaces and plaster with CM 1:5(1 cement, 5 sand), 12mm minimum thick to all interior faces of walls (sponge finish) including RCC surfaces not contiguous to masonry.Necessary internal grooves of size 10mmx10mm shall be carried out as shown/directed by engineer-in-charge. PAINTING Pepare surfaces and paint two coats of plastic emulsion paint of approved colour over two coats of Gypsum punning of 6 mm minimum thick and primer all complete as per manufacturers specifications to all ceilings in all floors. Finishing with oil bound washable Interior Emulsion of approved brand and manufacture to give an even shade: New work (two or more coats) over and including water thinnable prinning coat with cement primer Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufacture Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.80 ltr/10 sqm of approved brand and manufacture Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete. Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete Finishing with Deluxe Mul	""Supplying and embedding P.V.C rain water pipes of approved quality embedded inside the RC columns/masonry in position with all necessary specials like shoes, bends or any other specials required to suit site conditions etc., jointed with wavin cement and lubricants with necessary MS clamps, brackets, bolts and nuts all complete as directed. 110mm dia-6kg/sq.cm" PLASTERING Prepare surfaces and plaster with CM 1:3(1 cement, 3 sand), 12mm minimum thick (sponge finish) to ceiling sides and soffit of beams and columns and other interior and exterior RCC surfaces not contiguous to masonry. Prepare surfaces and plaster with CM 1:5(1 cement, 5 sand), 12mm minimum thick to all interior faces of walls (sponge finish) including RCC surfaces not contiguous to masonry. Necessary internal grooves of size 10mmx10mm shall be carried out as shown/directed by engineer-in-charge. PAINTING Prepare surfaces and paint two coats of plastic emulsion paint of approved colour over two coats of Gypsum punning of 6 mm minimum thick and primer all complete as per manufacturers specifications to all ceilings in all floors. Finishing with oil bound washable Interior Emulsion of approved brand and manufacture to give an even shade: New work (two or more coats) over and including water thinnable priming coat with cement primer Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.75 ltr/10 sqm of approved brand and manufacture Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/10 sqm over an under co	""Supplying and embedding PX-C rain water pipes of approved quality embedded inside the RC columns/masonry in position with all necessary specials like shoes. Jends or any other specials required to suit site conditions etc., jointed with wavin cement and lubricants with necessary R.M. 110mm dia-6kg/sq.cm" PLASTERING Prepare surfaces and plaster with CM 1:3(1 cement, 3 sand), 12mm minimum thick (sponge finish) to ceiling sides and soffit of beams and columns and other interior and exterior RCC surfaces not contiguous to masonry. Prepare surfaces and plaster with CM 1:5(1 cement, 5 sand), 12mm minimum thick to all interior faces of walls (sponge finish) including RCC surfaces not contiguous to masonry. Necessary internal grooves of size 10mmx10mm shall be carried out as shown/directed by engineer-in-charge. PAINTING Pepare surfaces and paint two coats of plastic emulsion paint of approved colour over two coats of Gypsum punning of 6 mm minimum thick and primer all complete as per manufacturers specifications to all ceilings in all floors. Finishing with oil bound washable Interior Emulsion of approved brand and manufacture to give an even shade: New work (two or more coats) over and including water thinnable priming coat with cement primer Painting wood work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.55 ltr/10 sqm of approved brand and manufacture Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.50 ltr/10 sqm over an under coat of primer applied @ 0.50 ltr/10 sqm over an under coat of primer applied @ 0.50 ltr/10 sqm over an under coat of primer applied @ 0.50 ltr/10 sqm over an under coat of primer applied @ 0.50 ltr/10 sqm over an under coat of primer applied @ 0.50 ltr/10 sqm over an under coat of primer applied @ 0.50 ltr/10 sqm over an under coat of primer applied @ 0.50 ltr/10 sqm over an under			

SCHEDULE V SCHEDULE OF WORK - KANARTHU (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Kanarthu (Kangra District), Himachal Sub: Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Dismantling Tile Flooring and Walls and disposing the debris away from site Sqm 2.00 all complete as directed. PATHWAY Providing and laying cement concrete paver blocks of thick 80mm made out of M25 design mix of shape and profile as approved by architect. The rate should include cost of necessary excavation, COARSE SAND upto a depth of 50mm pointing in CM 1:3 all complete as directed.(For purpose of payment total laid area in length multiplied by width in plan will be paid.) Tenderer to submit necessary pamphlets along with tender. **PLUMBING** Providing and fixing gun metal gate valve with C.I. wheel of approved Sqm quality -25MM Providing and fixing C.P. brass angle valve for basin mixer and geyserpoints of approved quality conforming to IS:8931 a) 15 mm nominal bore: 15 mm 2 36 Each nominal bore.Make:Hindware,Cera,Jaquar etc.. Providing and fixing PTMT Bottle Trap for Wash basin and sink.Bottle trap 38mm single piece moulded with height of 270mm, effective length of tail Each pipe 260mm from the centre of the waste coupling 77mm breadth with 25mm minimum water seal, weighing not less than 263gms. Providing and fixing trap of self cleansing design with screwed down orhinged grating with or without vent arm complete, including cost of Each cuttingand making good the walls and floors :100 mm inlet and 100 mm Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse Each sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design: With common burnt clay F.P.S designation 7.5 Providing and fixing square - mouth PVC. Gully trap grade "A" complete with CI grating brick masonry chamber with water tight tight CI cover with Each 0 frame of 300 x 300mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design Providing and fixing white vitreous china pedestal type water closet(European type W.C. pan) with seat and lid, 10 litre low level white P.V.C.flushing cistern, including flush pipe, with manually controlled device(handle lever), conforming to IS: 7231, with all fittings and fixturescomplete, including cutting and making good the walls and floors wherever required :W.C. pan with ISI marked white solid plastic seat and lid Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brasspillar taps, 32 mm C.P. brass waste of standard pattern, including paintingof fittings 42 and brackets, cutting and making good the walls whereverrequire:White Each 2 Vitreous China Wash basin size 630x450 mm with apair of 15 mm C.P. brass pillar taps

SCHEDULE V SCHEDULE OF WORK - KANARTHU (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Kanarthu (Kangra District), Himachal Sub: Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge.Concealed work including cutting chases and making good the walls etc 20 mm nominal outer dia .Pipes RM 32 mm nominal outer dia Pipes RM 0 c 50 mm nominal outer dia Pipes RM0 Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as perIS: 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of 44 fittings and brackets, cutting and making good the wallswherever required ::(Lowest retail price of sink not less than Rs. 3150) Kitchen sink without drain board, Size -610x510 mm bowl depth 200 mm Each Providing and fixing PVC Waste pipe for sink or wash basin including PVC 45 Each 3 waste fittings complete.:Semi rigid pipe 32mm dia Providing and fixing CP Waste coupling for wash basin and sink of approved quality, colour and make. Waste coupling 31mm of 79mm length and 62mm breadth, weighing not less than 45 gms. Make:Hindware, Jaquar etc.., 46 Each 3 Extra for providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in marble/ 47 Granite/stone work, including necessary holes for pillar taps etc. including moulding, rubbing and polishing of cut edges etc. complete. Providing and fixing 600x450 mm beveled edge mirror of superior glass (of 48 approved quality) complete with 6 mm thick hard board ground fixed to Each 2. wooden cleats with C.P. brass screws and washers complete. Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of 2. approved quality and colour. 600mm long towel rail with total length of Each 645mm, width 78mm and effective height of 88mm, weighing not less than 190gms. Providing and fixing PTMT liquid soap container 109mm wide, 125mm high and 112mm distance from wall of standard shape with bracket of the same 50 2 Each materials with snap fittings of approved quality and colour, weighing not less than 105 gms. Providing & fixing of CP Health faucet. Hand operated spray unit (instand 51 2 Set Providing and fixing PVC pipes for water supply arrangements including cost pipes, fittings, solvent cement, testing of pipes, labour charges etc complete : 52 Concealed work including cutting chases and making good the wall etc 20mm dia. PVC pipe RM 10 25mm dia. PVC pipe RM 20 32mm dia. PVC pipe RM0 Providing and fixing CP grating of 6mm thick with rim including setting in floor with white cement mortar and making good the floor

Each

2

125mm dia

SCHEDULE V SCHEDULE OF WORK - KANARTHU (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Kanarthu (Kangra District), Himachal Sub: Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Providing and fixing PVC soil, waste and vent pipe to IS: 13592 of SWR quality including all fittings, like: Bends, Tees, Elbows, Collars, junction, inspection doors, cowls, offsets, access pipes, jointing with rubber ring / solvent cement by application of leak proof adhesive like FRP paste including cutting holes in walls and floors and making Make:Supreme,Finolex,Prince etc.., 50mm dia RM 0 110mm dia RM 12 CURTAIN WORK 1.Two range of curtain cloth - Type 1 - II. 2. Both for doors, windows and partions. 3. Assorted colours plain & prints 4.Stitched as per site/ size requirement 5. Minor modifications in stitching as per site/ size requirement 6.Preferred colour (Brown, Cream, Beige) 7.Curtain price (including cloth & curtain rod) to be quoted in Squre metre 8. Stitching for each curtain to be absorb in the price of the cloth generally 2 meters. 9.Fast colours, water wash 10. Fabric density Non Transparent Composition 11. Fabric of curtain shall be soft texture, great shading, drape effect and nice 12. The bracket shall be side mounted and front mounted as required 13. First rod mount is 3.5 inches from the wall. 14. Where curtain used as a partition/ long length, sufficient support from ceiling should be provided to avoid sagging. 15.Rate quoted for fully stitched Curtain with top nepha with punch holes after lining bucramreinforced with SS / PVC islets and lower nepha 200mm double turned. Type -I (Surgical Curtain) Curtain fabric weight shall be up to 275-300 (±5%) gsm Composition of fabric shall be polyester yarn I.E. 300 denier fast colour sink age shall be Sqm 10 (±5%) Weft and warp shall be polyester / cotton polyester mix Type - II (Window & Door Curtain) Curtain fabric weight shall be up to 250-275 (±5%) gsm Composition of fabric shall be polyester yarn I.E. 300 denier fast colour sink age shall be 0 Sqm (±5%) Weft and warp shall be polyester / cotton polyester mix

SCHEDULE V SCHEDULE OF WORK - KANARTHU (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Kanarthu (Kangra District), Himachal Sub: Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs FALSE CEILING & CLADDING Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building, for all heights and all levels etc. including: Structural analysis & design and preparation of shop drawings for pressure equalisation or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design. Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metalic colour of approved shades made out of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 6.00 Sqm and polymer (Service) coating on face # 2 as specified using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc. The fastening brackets of Aluminium alloy 6005 T5 / MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specification and drawing The item includes cost of all material & labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding, cleaning and protection of the curtain wall with aluminium composite panel cladding till the handing over of the building for occupation. Base frame work for ACP cladding is payable under the relevant aluminium Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked M.S. Pressed butt 58 hinges bright finished of required size with necessary screws, excluding 8.00 panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. Second class teak wood: 35 mm thick shutters Providing and Fixing Wooden false Ceiling comprising of a Galvanized MS frame as required covered with 12 mm thick Marine ply, followed by 6 mm premium quality MDF for making groove and finished with a natural veneer (as approved) of 3.5 mm thickness duly Spirit polished with melamine matt Sqm coating. The ceiling shall be fixed to the roof soffit with adequate suspenders. The item shall be inclusive of cutting & making cutouts for lights, diffusers etc all complete. (veneer with basic cost Upto Rs:100 per sft FOR site)

Total Civil Works

SCHEDULE V

SCHEDULE OF WORK - KANARTHU (KANGRA DISTRICT)

Sub: Civil and Electrical works for setting up of Health Wellness Center at Kanarthu (Kangra District), Himachal Pradesh

Sub:	Pradesh							
Sl No	Specification	Unit	Quantity	Rate in Rs	Amount in Rs			
	ELECTRICAL WORKS							
1	Point wiring in PVC conduit with modular type switch.							
	Wiring for light point/fan point/exhaust fan point /call bell point with 1.5 sq							
	mm FR PVC insulated copper conductor single core cable in surface/recessed							
	medium class PVC conduit, with modular switch, modular plate, suitable							
	PVC box and earthing the point with 1.5 sq.mm FR PVC insulated copper							
	conductor single core cable etc as required.							
	Group C	Point	5					
2	Wiring through PVC conduit							
	Wiring for circuit/submain wiring along with earth wire with the following							
	sizes of FR PVC insulated copper conductor, single core cable in							
	surface/recessed medium class PVC conduit as							
	required.(Make:Havells/Finolex/V-guard/Polycab)							
a	2X1.5 sq.mm + 1X1.5 sq.mm earth wire	Metre	18					
b	2X2.5 sq.mm + 1 X2.5 sq mm earth wire	Metre	12					
С	2X4 sq.mm + 1X4 sq.mm earth wire	Metre	0					
3	Telephone wiring in existing conduit:							
	Supplying and drawing following pair 0.5 sq mm FR PVC insulated annealed							
	copper conductor, unarmored telephone cable in the existing surface/ recessed							
	steel/ PVC conduit as required.	3.5 .	0					
a	2 Pair	Metre	0					
4	A/C point							
	S/F 20A SPN MCB industrial socket outlet:							
	Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet,							
	with 2 pole and earth, metal enclosed plug top alongwith 20 amps "C" curve,	Point	1					
	SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal							
	cover for the socket out let and complete with connections, testing and							
5	commissioning etc. as required.(Make: Legrand/Havells/HPL) Modular type blanking plate:							
	Supplying and fixing modular blanking plate on the existing modular plate &							
	switch box excluding modular plate as required.(Make:	Each	3					
	Legrand/Havells/HPL)	Eacii	3					
	Ecgrandinavensin E)							
6	Modular boxes, bases & cover plate:							
	Supplying and fixing following size/modules, GI box along with modular							
	base & cover plate for modular switches in recess etc as required.(Make:							
	Legrand/Havells/HPL)							
a	2 module	Each	1					
b	3 module	Each	4					
С	4 module	Each	1					
d	6 module	Each	2					
e	8 module	Each	0					
f	12 module	Each	0					
7	Modular type switch/socket:							
	Supplying and fixing following modular switch/socket on the existing							
	modular plate & switch box including connections but excluding modular							
	plate etc as required. (Make: Legrand/Havells/HPL)							
a	5/6 Amps switch	Each	6					
b	3 pin 5/6 Amp socket outlet	Each	6					
c	15/16 Amps switch	Each	2					
d	6pin 15/16 Amps (universal) socket outlet	Each	2					
e	Telephone socket outlet	Each	0					
8	S/F PVC conduit:							
	Supplying and fixing of following sizes of medium class PVC conduit along							
	with accessories in surface/recess including cutting the wall and making good							
	the same in case of recessed conduit as required.(ISI Make)							
a	20 mm	Metre	20					
b	25 mm	Metre	15					

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Each

32 AMPS

Sub:	Civil and Electrical works for setting up of Health Wellness Cer Pradesh	Kangra Distı	rict), Himach		
Sl No	Specification	Unit	Quantity	Rate in Rs	Amount in R
20	EARTHING				
	Pipe earthing with G.I. earth pipe 2.5 metre, long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt) as required complete.	Set	1		
21	Preparation of all drawings submitting and getting approval from EB for extra load & 3phase connection with Meter, submitting of Completion certificates and arranging inspection, getting sanction and energisation certificates etc. for commissioning of the whole installation in the premises. All statutory payments(inclusive) will be reimbursed on production of the original reciepts.	Ls	0		
23	Miscellaneous Items				
23.1	Miscellaneous electrical work, removing of existing conduits and interconnections of light,6A socket/16A socket/A/C point from exisiting DB	LS	0		
	Total Electrical Works				
	Grand Total			Rs.	
	GST @ 18%			Rs.	
	Grand Total (In Rs. Incl. of taxes)			Rs.	

SCHEDULE V

SCHEDULE OF WORK - KAND (KANGRA DISTRICT)

Sub: Civil and Electrical works for setting up of Health Wellness Center at Kand (Kangra District), Himachal Pradesh

	Pradesh				
Sl No	Specification	Unit	Quantity	Rate in Rs	Amount in Rs
	CIVIL WORKS				
1	"Excavate foundation in all kinds of soil including soft rock except hard rock requiring blasting part return and fill in foundation and basement in layers not exceeding 15cm in depth including watering , breaking clods and consolidating, disposing and spreading surplus earth within the site upto 1.5m depth.(No extra shall be payable for working space) Tenderer to ensure proper dewatering and shoring methods to ensure all time dry condition. Any damages of sides of foundation or collapsing of soil from sides due to excessive water seepage or surface runoff or any other cause have to be replaced with quarry dust or Malaimann at no extra cost."	Cum	38.00		
2	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared.	Sqm	40.00		
3	Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material. Beyond 60 cm girth upto and including 120 cm girth	Each			
4	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	Cum	16.00		
	CEMENT CONCRETE				
5	Cement concrete 1:4:8 (1 cement ,4 sand , 8 hard blue granite stone metal 40mm and down gauge in layers not exceeding 15 cms in depth well consolidated in foundation and levelling course under floors including necessary shuttering, in steps etc all complete as directed.	Cum	7.00		
	R.C.C.WORK				
6	"RCC M20 (Design Mix) using hard blue granite metal 20mm and down gauge including centering, shuttering, curing etc., compelete but excluding cost of reinforcement Note: Polythene sheet shall be provided under the slabs."				
a	In Foundation, Footing and bed blocks at all levels.	Cum	2.00		
b	In Suspended roof slab of required thicknes	Cum			
υ		Culli			
С	In Ground Floor	Cum	12.00		
7	Providing, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete in lintels, beams and bressumers, including setting in cement mortar 1:3 (1 cement : 3 coarse sand), cost of required centering and shuttering but , excluding the cost of reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size)	Cum	8.00		
			ı		1

SCHEDULE V SCHEDULE OF WORK - KAND (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Kand (Kangra District), Himachal Sub: **Pradesh** Sl No Specification Unit Quantity Rate in Rs Amount in Rs "High Yield Strength Deformed bars in all RCC items & floorings General Note: Sizes of RCC elements shown in the drawing are only indicative and subject to change .No extra shall be payable on this M.T 2.00 account. Any change in size of concrete elements resulting in change of area of shuttering due to change in quantity of concrete shall also not be payable"" MASONRY WORK Brickwork of locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in cement mortar 1:5 (1 cement,5 sand) in foundation and plinth. No extra payment will be paid Cum for any shape or size, turnings, fins, etc unless otherwise specified seperately. Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse 10 Cum 2.00 sand: 12 graded stone aggregate 20 mm nominal size) upto plinth level with: Cement mortar 1:6 (1 cement: 6 coarse sand) 66mm overall thickness partition using 8mm thick double skin multipurpose cement board reinforced with cellulose fibre manufactured 98.00 Sqm through autoclaving process (High pressure steam cured) as per IS: 14862 with suitable fibre cement screws Half brickwork with locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in CM 1:3 (1 cement 3 sand) and reinforced with two numbers of 6mm dia. M.S rods at every fourth course embedded in cement mortar 1:4 for In Ground Floor 4.00 Sqm FLOORING Providing & laying first class full body vitrified ceramic tile of make Kajaria/ Restile/Johnson or equivqlent of size 600mmx600mmx 9.5mm or approved size of approved colour (matt finish) in flooring using spacer of required size (2mm-4mm) from endura or equivalent over a bed of cement mortar 1:4 of required thickness to match finished floor 13 level mentioned and to match the neighbouring floor finish and jointed 42.00 Sqm with epoxy grout of approved shade from Bal Endura or equivalent brand all complete as directed.(Basic cost of tile - Rs.85/sft). Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area. No extra shall be payable for forming any pattern in the flooring like border, cut tiles,etc. Providing and laying 600mm x 600mm or required size from Kajaria/ Restile/Johnson glazed tiles of plain series(Satin finish) in dado set in CM 1:3 with joints so as to form a true & even surface and joints finished neatly with white cement mixed with matching pigments all complete as directed. (Rate should include base plastering with CM 1:5 of required thickness.) Sqm 28.00 The rate shall include cost of providing 6mmx6mm groove in the plastering at top of the tile all complete as directed. (Basic cost of tile -Rs.85/sft). Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area. No extra shall be payable for forming any pattern like border, etc.

SCHEDULE V SCHEDULE OF WORK - KAND (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Kand (Kangra District), Himachal Sub: **Pradesh** Sl No Specification Unit Quantity Rate in Rs Amount in Rs Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement 15 Sqm 19.00 mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite of any colour and shade. Area of slab over STEEL WORK Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel 16 MT 0.02 bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in incharge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.). Structural steel work riveted, bolted or welded in built up sections, trusses 17 and framed work, including cutting, hoisting, fixing in position and MT 0.10 applying a priming coat of approved steel primer all complete. CARPENTRY WORK Providing and fixing factory made uPVC white colour casement/ casement cum fixed glazed windows comprising of uPVC multichampered frame, sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, stainless steel (SS 304 grade) friction hinges, zinc alloy (white powder coated) casement handles, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, mullion (if required) shall be 18 also fusion welded including drilling of holes for fixing hardware's and 6.00 drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately) Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable. Casement window double panels with top fixed with S.S. friction hinges (350 x 19 x 1.9 mm) made of (small series) frame 47 x 50 mm, sash 47 x 68 mm & mullion 47 x 68 mm all having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area of window upto 2.50 sqm).

SCHEDULE V SCHEDULE OF WORK - KAND (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Kand (Kangra District), Himachal Sub: **Pradesh** Sl No Specification Unit Quantity Rate in Rs Amount in Rs 24 mm thick factory made PVC door shutters made of styles and rails of a uPVC hollow section of size 59x24 mm and wall thickness 2 mm (± 0.2 mm) with inbuilt edging on both sides. The styles and rails mitred and joint at the corners by means of M.S. galvanised/ plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 20x20 mm and 1 mm (± 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x24 mm and 2 mm (± 0.2 19 Sqm 4.00 mm) wall thickness, fixed to the shutter styles by means of plastic/galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (± 0.1 mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge. (For W.C. and bathroom door shutter). Providing and fixing cup board shutters 25 mm thick, with Pre-laminated flat pressed three layer particle board or graded wood particle board IS: 12823 marked, exterior grade (Grade 1 Type 11), having one side decorative lamination and other side balancing lamination, including IInd 5.00 Sqm class teak wood lipping of 25 mm wide x12 mm thick with necessary screws and bright finished stainless steel piano hinges, complete as per direction of the Engineer-in-Charge ROOFING ""Supplying and embedding P.V.C rain water pipes of approved quality embedded inside the RC columns/masonry in position with all necessary specials like shoes, bends or any other specials required to suit site conditions etc., jointed with wavin cement and lubricants 2.1 R.M 12.00 with necessary MS clamps, brackets , bolts and nuts all complete as directed. 110mm dia-6kg/sq.cm" PLASTERING Prepare surfaces and plaster with CM 1:3(1 cement, 3 sand) ,12mm minimum thick (sponge finish) to ceiling sides and soffit of beams 44.00 Sqm and columns and other interior and exterior RCC surfaces not contiguous to masonry. Prepare surfaces and plaster with CM 1:5(1 cement, 5 sand) ,12mm minimum thick to all interior faces of walls (sponge finish) including 23 RCC surfaces not contiguous to masonry. Necessary internal grooves Sam of size 10mmx10mm shall be carried out as shown/directed by engineerin-charge. Prepare surfaces and paint two coats of plastic emulsion paint of approved colour over two coats of Gypsum punning of 6 mm minimum Sqm thick and primer all complete as per manufacturers specifications to all ceilings in all floors. Finishing with oil bound washable Interior Emulsion of approved brand 25 and manufacture to give an even shade: New work (two or more coats) 126.00 Sqm over and including water thinnable priming coat with cement primer Painting wood work with Deluxe Multi Surface Paint of required shade.

Sqm

21.00

Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer

applied @0.75 ltr/10 sqm of approved brand and manufacture

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SCHEDULE V SCHEDULE OF WORK - KAND (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Kand (Kangra District), Himachal Sub: **Pradesh** Sl No Specification Unit Quantity Rate in Rs Amount in Rs Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of 12.00 Sqm primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture Providing and applying plaster of paris putty of 2 mm thickness over 28 126.00 Sqm plastered surface to prepare the surface even and smooth complete. Removing white or colour wash by scrapping and sand papering and 29 preparing the surface smooth including necessary repairs to scratches etc. Sqm complete Finishing with Deluxe Multi surface paint system for exteriors using Primer as per manufacturers specifications: Two or more coats applied on 178.00 Sqm walls @ 1.25 ltr/10 sqm DISMANTLING Dismantling plastered brickwalls in cement mortar including cleaning, stacking the useful materials as directed by engineer-in-charge and dumping the dismantled debris as indicated at site, levelling, Cum 1.00 consolidating, all complete as directed and disposing the debris away from site all complete as directed. Dismantling the existing RCC concrete including cutting the reinforcement, stacking the useful materials as directed by engineer-in-32 charge, dumping the dismantled debris as indicated at site, leveling, Cum 1.00 consolidating, all complete as directed and disposal of debris away from site all complete. Dismantling Tile Flooring and Walls and disposing the debris away from 33 Sqm 2.00 site all complete as directed. PATHWAY Providing and laying cement concrete paver blocks of thick 80mm made out of M25 design mix of shape and profile as approved by architect .The rate should include cost of necessary excavation, COARSE SAND upto a depth of 50mm pointing in CM 1:3 all complete as Sqm directed.(For purpose of payment total laid area in length multiplied by width in plan will be paid.) Tenderer to submit necessary pamphlets along with tender. PLUMBING Providing and fixing gun metal gate valve with C.I. wheel of approved 35 Sqm 2. quality -25MM Providing and fixing C.P. brass angle valve for basin mixer and geyserpoints of approved quality conforming to IS:8931 a) 15 mm 2 Each nominal bore: 15 mm nominal bore.Make:Hindware,Cera,Jaquar etc... Providing and fixing PTMT Bottle Trap for Wash basin and sink.Bottle trap 38mm single piece moulded with height of 270mm, effective length 37 Each of tail pipe 260mm from the centre of the waste coupling 77mm breadth with 25mm minimum water seal, weighing not less than 263gms. Providing and fixing trap of self cleansing design with screwed down orhinged grating with or without vent arm complete, including cost of 38 Each 2. cuttingand making good the walls and floors :100 mm inlet and 100 mm

SCHEDULE V SCHEDULE OF WORK - KAND (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Kand (Kangra District), Himachal Sub: **Pradesh** Sl No Specification Unit Quantity Rate in Rs Amount in Rs Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand: 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 39 Each cement: 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design: With common burnt clay F.P.S designation 7.5 Providing and fixing square - mouth PVC. Gully trap grade "A' complete with CI grating brick masonry chamber with water tight tight CI cover with frame of 300 x 300mm size (inside) the weight of cover to be 0 Each not less than 4.50 kg and frame to be not less than 2.70 kg as per standard Providing and fixing white vitreous china pedestal type water closet(European type W.C. pan) with seat and lid, 10 litre low level white P.V.C.flushing cistern, including flush pipe, with manually controlled device(handle lever), conforming to IS: 7231, with all fittings and Each 2. fixturescomplete, including cutting and making good the walls and floors wherever required :W.C. pan with ISI marked white solid plastic seat and Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brasspillar taps, 32 mm C.P. brass waste of standard pattern, including 42 painting of fittings and brackets, cutting and making good the walls Each 2 whereverrequire: White Vitreous China Wash basin size 630x450 mm with apair of 15 mm C.P. brass pillar taps Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes. having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC 43 solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge.Concealed work including cutting chases and making good the walls etc 20 mm nominal outer dia .Pipes Metre 0 32 mm nominal outer dia Pipes Metre 0 50 mm nominal outer dia Pipes Metre 0 Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as perIS: 13983 with C.I. brackets and stainless steel plug 40 mm, includingpainting of fittings and brackets, cutting and making good the wallswherever required ::(Lowest retail price of sink not less than Rs. Kitchen sink without drain board, Size -610x510 mm bowl depth 200 mm 1 Each Providing and fixing PVC Waste pipe for sink or wash basin including 45 PVC waste fittings complete.: Semi rigid pipe 32mm dia Each Providing and fixing CP Waste coupling for wash basin and sink of approved quality, colour and make. Waste coupling 31mm of 79mm 46 length and 62mm breadth, weighing not less than 45 gms. Each 3 Make:Hindware,Jaquar etc..,

SCHEDULE V SCHEDULE OF WORK - KAND (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Kand (Kangra District), Himachal Sub: **Pradesh** Sl No Specification Unit Quantity Rate in Rs Amount in Rs Extra for providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/stone work, including necessary holes for pillar taps etc. Each 1 including moulding, rubbing and polishing of cut edges etc. complete. Providing and fixing 600x450 mm beveled edge mirror of superior glass 48 (of approved quality) complete with 6 mm thick hard board ground fixed Each 2 to wooden cleats with C.P. brass screws and washers complete. Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved quality and colour. 600mm long towel rail with total length of 2 Each 645mm, width 78mm and effective height of 88mm, weighing not less than 190gms. Providing and fixing PTMT liquid soap container 109mm wide, 125mm high and 112mm distance from wall of standard shape with bracket of the 50 Each 2 same materials with snap fittings of approved quality and colour. weighing not less than 105 gms. Providing & fixing of CP Health faucet. Hand operated spray unit (instand 51 Set Providing and fixing PVC pipes for water supply arrangements including cost pipes, fittings, solvent cement,testing of pipes, labour charges etc 52 complete: Concealed work including cutting chases and making good the wall etc 20mm dia. PVC pipe Metre 10 a 25mm dia. PVC pipe b Metre 20 32mm dia. PVC pipe 0 Metre c Providing and fixing CP grating of 6mm thick with rim including setting 53 in floor with white cement mortar and making good the floor 125mm dia Each 2 Providing and fixing PVC soil, waste and vent pipe to IS: 13592 of SWR quality including all fittings, like: Bends, Tees, Elbows, Collars, junction, inspection doors, cowls, offsets, access pipes, jointing with rubber ring / solvent cement by application of leak proof adhesive like FRP paste including cutting holes in walls and floors and making good. Make:Supreme,Finolex,Prince etc.., 50mm dia Metre 0 a 110mm dia Metre 12 b **CURTAIN WORK** 1.Two range of curtain cloth – Type 1 - II. 2. Both for doors, windows and partions. 3. Assorted colours plain & prints 4.Stitched as per site/ size requirement 5. Minor modifications in stitching as per site/ size requirement 6.Preferred colour (Brown, Cream, Beige)

SCHEDULE V SCHEDULE OF WORK - KAND (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Kand (Kangra District), Himachal Sub: **Pradesh** Sl No Specification Unit Quantity Rate in Rs Amount in Rs 13. First rod mount is 3.5 inches from the wall. 14. Where curtain used as a partition/long length, sufficient support from ceiling should be provided to avoid sagging. 15.Rate quoted for fully stitched Curtain with top nepha with punch holes after lining bucramreinforced with SS / PVC islets and lower nepha 200mm double turned. Type -I (Surgical Curtain) 55 Curtain fabric weight shall be up to 275-300 (±5%) gsm Composition of fabric shall be polyester yarn I.E. 300 denier fast colour sink age shall be Sqm (±5%) Weft and warp shall be polyester / cotton polyester mix Type - II (Window & Door Curtain) 56 Curtain fabric weight shall be up to 250-275 (±5%) gsm Composition of fabric shall be polyester yarn I.E. 300 denier fast colour sink age shall be Sqm 0 (±5%) Weft and warp shall be polyester / cotton polyester mix FALSE CEILING & CLADDING Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building, for all heights and all levels etc. including: Structural analysis & design and preparation of shop drawings for pressure equalisation or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design. Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metalic colour of approved shades made out of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin 57 6.00 Sqm coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc. The fastening brackets of Aluminium alloy 6005 T5 / MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specification and drawing The item includes cost of all material & labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding, cleaning and protection of the curtain wall with aluminium composite panel cladding till the handing Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked M.S. Pressed butt 58 hinges bright finished of required size with necessary screws, excluding 8.00 Sqm panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. Second class teak wood: 35 mm thick shutters Providing and Fixing Wooden false Ceiling comprising of a Galvanized MS frame as required covered with 12 mm thick Marine ply, followed by 6 mm premium quality MDF for making groove and finished with a natural veneer (as approved) of 3.5 mm thickness duly Spirit polished 59 0 Sqm with melamine matt coating. The ceiling shall be fixed to the roof soffit with adequate suspenders. The item shall be inclusive of cutting & making cutouts for lights, diffusers etc all complete. (veneer with basic cost Upto Rs:100 per sft FOR site) **Total Civil Works**

SCHEDULE V

${\bf SCHEDULE\ OF\ WORK\ -\ KAND\ (KANGRA\ DISTRICT)}$

Sub: Civil and Electrical works for setting up of Health Wellness Center at Kand (Kangra District), Himachal Pradesh

	Pradesh				
Sl No	Specification	Unit	Quantity	Rate in Rs	Amount in Rs
	ELECTRICAL WORKS				
1	Point wiring in PVC conduit with modular type switch.				
	Wiring for light point/fan point/exhaust fan point /call bell point with 1.5				
	sq mm FR PVC insulated copper conductor single core cable in				
	surface/recessed medium class PVC conduit, with modular switch,				
	modular plate, suitable PVC box and earthing the point with 1.5 sq.mm				
	FR PVC insulated copper conductor single core cable etc as required.				
	Group C	Point	5		
2	Wiring through PVC conduit	1 01111			
	Wiring for circuit/submain wiring along with earth wire with the				
	following sizes of FR PVC insulated copper conductor, single core cable				
	in surface/recessed medium class PVC conduit as				
	required.(Make:Havells/Finolex/V-guard/Polycab)				
a	2X1.5 sq.mm + 1X1.5 sq.mm earth wire	Metre	18		
b	2X2.5 sq.mm + 1 X2.5 sq mm earth wire	Metre	12		
c	2X4 sq.mm + 1X4 sq.mm earth wire	Metre	0		
	211 Squam varia	Wietre			
3	Telephone wiring in existing conduit:		† †		1
	Supplying and drawing following pair 0.5 sq mm FR PVC insulated				
	annealed copper conductor, unarmored telephone cable in the existing				
	surface/ recessed steel/ PVC conduit as required.				
a	2 Pair	Metre	0		
4	A/C point	Wietre	Ů		
•	S/F 20A SPN MCB industrial socket outlet:		1		
	Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket				
	outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 amps				
	"C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with	Point	1		
	chained metal cover for the socket out let and complete with connections,	1 OIIIt			
	testing and commissioning etc. as required.(Make: Legrand/Havells/HPL)				
	testing and commissioning etc. as required.(Wake. Legrand/Havens/Hi L)				
5	Modular type blanking plate:				
	Supplying and fixing modular blanking plate on the existing modular plate		1		
	& switch box excluding modular plate as required.(Make:	Each	3		
	Legrand/Havells/HPL)	Zuen			
6	Modular boxes, bases & cover plate:				
	Supplying and fixing following size/modules, GI box along with modular				
	base & cover plate for modular switches in recess etc as required.(Make:				
	Legrand/Havells/HPL)				
a	2 module	Each	1		
b	3 module	Each	4		
c	4 module	Each	1		
d	6 module	Each	2		
e	8 module	Each	0		
f	12 module	Each	0		
7	Modular type switch/socket:	Lacii			
,	Supplying and fixing following modular switch/socket on the existing				
	modular plate & switch box including connections but excluding modular				
	plate etc as required. (Make: Legrand/Havells/HPL)				
	pane etc as required. (made. Legiand intrensi in L)		 		
a	5/6 Amps switch	Each	6		
b	3 pin 5/6 Amp socket outlet	Each	6		
c	15/16 Amps switch	Each	2		
d	6pin 15/16 Amps (universal) socket outlet	Each	2		1
u		Each	0		1
e	Telephone socket outlet				

SCHEDULE V SCHEDULE OF WORK - KAND (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Kand (Kangra District), Himachal Sub: **Pradesh** Sl No Specification Unit Quantity Rate in Rs Amount in Rs S/F PVC conduit: Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.(ISI Make) 20 a 20 m<u>m</u> Metre Metre 15 25 mm b ITC Fluorescent fitting directly on surface: Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting/LED of all types, complete with all accessories Each 4 and tube etc. directly on ceiling/ wall, including connection with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable and earthing etc. as required. ITC Ceiling fan: Installation, testing and commissioning of ceiling fan, including wiring the Each 0 down rods of standard length (upto 30 cm) with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable etc. as required. Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding Each 0 modular plate etc. as required. 12 LAYING OF CABLES CABLE LAYING Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1kV grade of following size clamped on wall surface with 1mm thick saddles as required complete. FROM Mains TO DB 4 X 10 sq.mm Metre 15 13 END TERMINATION Supply and making end termination with brass compression gland, earth clip and aluminium lugs for following size of PVC insulated and PVC sheathed/XLPE aluminium conductor cable fo 1.1KV grade as required. 4 X 10 sq.mm Each 2 14 CABLE SUPPLY Supplying the following PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade as per CPWD standards as required. (Make: Havells/ Glostar/Nicco/Finolex/Polycab) Metre 15 4 x 10 sq.mm 15 Supply of 15W LED tube fitting sleek with decorative end cap, powder coated CRCA steel channel complete with all electrical accessories like Each 4 electronic ballast, lamp holder, 28W LED lamp etc complete as required. (Philips / Wipro /HAVELLS) 16 Supply and installation of 18 W CFL with its all accessories.[ISI MAKE] Each 1 Supply and installation of 1200 mm sweep Ceiling fan, white colour, 5 star rated as per BEE complete with blades, down rod, shackle, canopy Each 0

Each

0

etc(Make Havells/bajaj/usha/V-guard/crompton)

Havells/bajaj/usha/V-guard)

Supply and installation EXHAUST FAN, SHUTTER TYPE white colour, 9" OR 10" star rated as per BEE complete with its all accessories (Make

SCHEDULE V SCHEDULE OF WORK - KAND (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Kand (Kangra District), Himachal Sub: **Pradesh** Sl No Specification Unit Quantity Rate in Rs Amount in Rs S/F of SPN MCB PDB Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) 4 way double door, horizontal type Each 1 a 6 way Double door, horizontal type 0 Each h 19.2 S/F OF SP MCB 6/10A SP MCB Each 2 S/F DP ISOLATOR 19.3 Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, ISOLATOR having a sensitivity current upto 100 to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc, as required.(Make: Legrand/Havells/HPL) 32 AMPS Each 1 **EARTHING** 20 Pipe earthing with G.I. earth pipe 2.5 metre, long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having 1 Set locking arrangement and watering pipe etc. with charcoal/coke and salt) as required complete. Preparation of all drawings submitting and getting approval from EB for extra load & 3phase connection with Meter, submitting of Completion certificates and arranging inspection, getting sanction and energisation 21 0 Ls certificates etc. for commissioning of the whole installation in the premises. All statutory payments(inclusive) will be reimbursed on production of the original reciepts. Miscellaneous Items Miscellaneous electrical work, removing of existing conduits and interconnections of light,6A socket/16A socket/A/C point from exisitng 0 LS **Total Electrical Works Grand Total** Rs GST @ 18% Rs Grand Total (In Rs. Incl. of taxes) Rs. AGREE TO EXECUTE THE WORKS AS PER THE RATES QUOTED ABOVE

Signature of Contractor

SCHEDULE V SCHEDULE OF WORK - DADRI (KANGRA DISTRICT) Sub: Civil and Electrical works for setting up of Health Wellness Center at Dadri (Kangra District), Himachal Pradesh Specification Unit Quantity Rate in Rs Amount in Rs CIVIL WORKS EARTH WORK "Excavate foundation in all kinds of soil including soft rock except hard rock requiring blasting part return and fill in foundation and basement in layers not exceeding 15cm in depth including watering, breaking clods and consolidating, disposing and spreading surplus earth within the site upto 1.5m depth.(No extra shall be payable for working space) 34.00 Cum Tenderer to ensure proper dewatering and shoring methods to ensure all time dry condition. Any damages of sides of foundation or collapsing of soil from sides due to excessive water seepage or surface runoff or any other cause have to be replaced with quarry dust or Malaimann at no extra cost." Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal 40.00 Sqm of rubbish up to a distance of 50 m outside the periphery of the area cleared. Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of serviceable material and Each disposal of unserviceable material. Beyond 60 cm girth upto and including 120 cm girth Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations 36.00 etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming Cum and watering, lead up to 50 m and lift upto 1.5 m. CEMENT CONCRETE Cement concrete 1:4:8 (1 cement ,4 sand , 8 hard blue granite stone metal 40mm and down gauge in layers not exceeding 15 cms in depth well consolidated in 6.00 Cum foundation and levelling course under floors including necessary shuttering, in steps etc all complete as directed. R.C.C.WORK 'RCC M20 (Design Mix) using hard blue granite metal 20mm and down gauge including centering, shuttering, curing etc., compelete but excluding cost of Note: Polythene sheet shall be provided under the slabs." In Foundation, Footing and bed blocks at all levels. Cum 2.00 In Suspended roof slab of required thicknes b Cum Cum 11.00 In Ground Floor Providing, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete in lintels, beams and bressumers, including setting in cement mortar 1:3 (1 8.00 cement: 3 coarse sand), cost of required centering and shuttering but, excluding the cost of reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size) Yield Strength Deformed bars in all RCC items General Note: Sizes of RCC elements shown in the drawing are only indicative and 2.00 subject to change .No extra shall be payable on this account. Any change in size of M.T concrete elements resulting in change of area of shuttering due to change in quantity of concrete shall also not be payable"" MASONRY WORK Brickwork of locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in cement mortar 1:5 (1 cement,5 sand) in foundation Cum and plinth. No extra payment will be paid for any shape or size, turnings, fins, etc unless otherwise specified seperately. Random rubble masonry with hard stone in foundation and plinth including levelling up 2.00 with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm Cum nominal size) upto plinth level with: Cement mortar 1:6 (1 cement: 6 coarse sand)

SCHEDULE V SCHEDULE OF WORK - DADRI (KANGRA DISTRICT) Sub: | Civil and | Electrical works for setting up of | Health Wellness Center at Dadri (Kangra District), Himachal Pradesh Specification Unit Quantity Rate in Rs Amount in Rs 66mm overall thickness partition using 8mm thick double skin multipurpose cement board 98.00 11 reinforced with cellulose fibre manufactured through autoclaving process (High pressure Sam steam cured) as per IS: 14862 with suitable fibre cement screws Half brickwork with locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in CM 1:3 (1 cement 3 sand) and reinforced with two numbers of 6mm dia. M.S rods at every fourth course embedded in cement mortar 1:4 for partitions. 4.00 In Ground Floor Sqm FLOORING Providing & laying first class full body vitrified ceramic tile of make Kajaria/ Restile/Johnson or equivqlent of size 600mmx600mmx 9.5mm or approved size of approved colour (matt finish) in flooring using spacer of required size (2mm-4mm) from endura or equivalent over a bed of cement mortar 1:4 of required thickness to match finished floor level mentioned and to match the neighbouring floor finish and jointed with Sqm 42.00 epoxy grout of approved shade from Bal Endura or equivalent brand all complete as directed.(Basic cost of tile - Rs.85/sft). Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area. No extra shall be payable for forming any pattern in the flooring like border, cut tiles,etc. Providing and laying 600mm x 600mm or required size from Kajaria/ Restile/Johnson glazed tiles of plain series(Satin finish) in dado set in CM 1:3 with joints so as to form a true & even surface and joints finished neatly with white cement mixed with matching pigments all complete as directed. (Rate should include base plastering with CM 1:5 of required thickness.) 28.00 Sqm The rate shall include cost of providing 6mmx6mm groove in the plastering at top of the tile all complete as directed.(Basic cost of tile - Rs.85/sft). Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area. No extra shall be payable for forming any pattern like border, etc. Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed 19.00 with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite of any colour and shade. Area of slab over 0.50 sqm STEEL WORK Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel MT 0.02 bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in incharge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.). Structural steel work riveted, bolted or welded in built up sections, trusses and framed MT 17 0.10 work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.

SCHEDULE V SCHEDULE OF WORK - DADRI (KANGRA DISTRICT) Sub: | Civil and | Electrical works for setting up of | Health Wellness Center at Dadri (Kangra District), Himachal Pradesh Quantity Rate in Rs Specification Amount in Rs CARPENTRY WORK Providing and fixing factory made uPVC white colour casement/ casement cum fixed glazed windows comprising of uPVC multichampered frame, sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, stainless steel (SS 304 grade) friction hinges, zinc alloy (white powder coated) casement handles, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After 6.00 Sqm fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately) Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable. Casement window double panels with top fixed with S.S. friction hinges (350 x 19 x 1.9 mm) made of (small series) frame 47 x 50 mm, sash 47 x 68 mm & mullion 47 x 68 mm all having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area of window upto 2.50 sqm). 24 mm thick factory made PVC door shutters made of styles and rails of a uPVC hollow section of size 59x24 mm and wall thickness 2 mm (± 0.2 mm) with inbuilt edging on both sides. The styles and rails mitred and joint at the corners by means of M.S. galvanised/ plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 20x20 mm and 1 mm (± 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x24 mm and 2 mm (± 0.2 mm) wall thickness, fixed to the shutter 2.00 Sqm styles by means of plastic/galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (± 0.1 mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge (For W.C. and bathroom door shutter). Providing and fixing cup board shutters 25 mm thick, with Pre-laminated flat pressed three layer particle board or graded wood particle board IS: 12823 marked, exterior grade (Grade 1 Type 11), having one side decorative lamination and other side balancing lamination, 7.00 Sqm including IInd class teak wood lipping of 25 mm wide x12 mm thick with necessary screws and bright finished stainless steel piano hinges, complete as per direction of the Engineer-in Charge ROOFING "Supplying and embedding P.V.C rain water pipes of approved quality embedded inside the RC columns/masonry in position with all necessary specials like shoes bends or any other specials required to suit site conditions etc., jointed with wavin cement and lubricants with necessary MS clamps, brackets , bolts and nuts all complete R M 12.00 as directed. 110mm dia-6kg/sq.cm" PLASTERING Prepare surfaces and plaster with CM 1:3(1 cement, 3 sand) ,12mm minimum thick (sponge finish) to ceiling sides and soffit of beams and columns and other 44.00 Sam interior and exterior RCC surfaces not contiguous to masonry. Prepare surfaces and plaster with CM 1:5(1 cement, 5 sand) ,12mm minimum thick to all interior faces of walls (sponge finish) including RCC surfaces not contiguous to Sam masonry.Necessary internal grooves of size 10mmx10mm shall be carried out as shown/directed by engineer-in-charge. Prepare surfaces and paint two coats of plastic emulsion paint of approved colour

over two coats of Gypsum punning of 6 mm minimum thick and primer all complete as per

manufacturers specifications to all ceilings in all floors.

SCHEDULE V SCHEDULE OF WORK - DADRI (KANGRA DISTRICT) Sub: | Civil and | Electrical works for setting up of | Health Wellness Center at Dadri (Kangra District), Himachal Pradesh Specification Unit Quantity Rate in Rs Amount in Rs Finishing with oil bound washable Interior Emulsion of approved brand and manufacture to give an even shade: New work (two or more coats) over and including water thinnable Sqm 126.00 priming coat with cement primer Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10 sqm of 21.00 Sqm approved brand and manufacture Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more 27 coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of Sqm 12.00 approved brand and manufacture Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to 28 126.00 Sqm prepare the surface even and smooth complete. Removing white or colour wash by scrapping and sand papering and preparing the surface 29 Sqm smooth including necessary repairs to scratches etc. complete Finishing with Deluxe Multi surface paint system for exteriors using Primer as per 178.00 Sqm manufacturers specifications: Two or more coats applied on walls @ 1.25 ltr/10 sqm DISMANTLING Dismantling plastered brickwalls in cement mortar including cleaning, stacking the useful materials as directed by engineer-in-charge and dumping the dismantled debris as Cum 1.00 indicated at site, levelling, consolidating, all complete as directed and disposing the debris away from site all complete as directed. Dismantling the existing RCC concrete including cutting the reinforcement, stacking the useful materials as directed by engineer-in-charge, dumping the dismantled debris as Cum 1.00 indicated at site, leveling, consolidating, all complete as directed and disposal of debris away from site all complete. Dismantling Tile Flooring and Walls and disposing the debris away from site all complete Sqm 2.00 as directed. **PATHWAY** Providing and laying cement concrete paver blocks of thick 80mm made out of M25 design mix of shape and profile as approved by architect .The rate should include cost of necessary excavation, COARSE SAND upto a depth of 50mm pointing in CM 1:3 all Sam complete as directed.(For purpose of payment total laid area in length multiplied by width in plan will be paid.) Tenderer to submit necessary pamphlets along with tender. PLUMBING Providing and fixing gun metal gate valve with C.I. wheel of approved quality -25MM 35 2 Sqm Providing and fixing C.P. brass angle valve for basin mixer and geyserpoints of approved quality conforming to IS:8931 a) 15 mm nominal bore: 15 mm nominal 2 36 Each bore.Make:Hindware,Cera,Jaquar etc. Providing and fixing PTMT Bottle Trap for Wash basin and sink. Bottle trap 38mm single piece moulded with height of 270mm, effective length of tail pipe 260mm from the centre Each of the waste coupling 77mm breadth with 25mm minimum water seal, weighing not less than 263gms. Providing and fixing trap of self cleansing design with screwed down orhinged grating with or without vent arm complete, including cost of cuttingand making good the walls and 2 Each floors:100 mm inlet and 100 mm outlet

SCHEDULE V SCHEDULE OF WORK - DADRI (KANGRA DISTRICT) Sub: | Civil and | Electrical works for setting up of | Health Wellness Center at Dadri (Kangra District), Himachal Pradesh Specification Unit Quantity Rate in Rs Amount in Rs Constructing brick masonry manhole in cement mortar 1:4 (1 cement: 4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 Each cement: 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design: With common burnt clay F.P.S designation 7.5 Providing and fixing square - mouth PVC. Gully trap grade "A" complete with CI grating brick masonry chamber with water tight tight CI cover with frame of 300 x 300mm size 0 Each (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design Providing and fixing white vitreous china pedestal type water closet(European type W.C pan) with seat and lid, 10 litre low level white P.V.C.flushing cistern, including flush pipe, with manually controlled device(handle lever), conforming to IS: 7231, with all fittings 2 Each and fixturescomplete, including cutting and making good the walls and floors wherever required :W.C. pan with ISI marked white solid plastic seat and lid Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brasspillar taps, 32 mm C.P. brass waste of standard pattern, including paintingof fittings and brackets, cutting and 2 Each making good the walls whereverrequire: White Vitreous China Wash basin size 630x450 mm with apair of 15 mm C.P. brass pillar taps Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work including cutting chases and making good the walls etc 0 20 mm nominal outer dia .Pipes Metre 32 mm nominal outer dia Pipes Metre 0 50 mm nominal outer dia Pipes Metre 0 Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as perIS: 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the wallswherever required ::(Lowest retail price of sink not less than Rs. 3150) Kitchen sink without drain board, Size -610x510 mm bowl depth 200 mm Each Providing and fixing PVC Waste pipe for sink or wash basin including PVC waste fittings 45 Each 3 complete.:Semi rigid pipe 32mm dia Providing and fixing CP Waste coupling for wash basin and sink of approved quality colour and make. Waste coupling 31mm of 79mm length and 62mm breadth, weighing not Each 3 less than 45 gms. Make:Hindware,Jaquar etc.., Extra for providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/stone work, including necessary holes for pillar taps etc. including moulding, rubbing and polishing of Each 1 cut edges etc. complete. Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. 2 Each brass screws and washers complete. Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved quality and colour. Each 2 600mm long towel rail with total length of 645mm, width 78mm and effective height of 88mm, weighing not less than 190gms.

SCHEDULE V SCHEDULE OF WORK - DADRI (KANGRA DISTRICT) Sub: Civil and Electrical works for setting up of Health Wellness Center at Dadri (Kangra District), Himachal Pradesh Specification Unit Quantity Rate in Rs Amount in Rs Providing and fixing PTMT liquid soap container 109mm wide, 125mm high and 112mm 50 distance from wall of standard shape with bracket of the same materials with snap fittings Each 2 of approved quality and colour. weighing not less than 105 gms. 51 Providing & fixing of CP Health faucet. Hand operated spray unit (instand type) Set 2 Providing and fixing PVC pipes for water supply arrangements including cost pipes fittings, solvent cement,testing of pipes, labour charges etc complete: Concealed work including cutting chases and making good the wall etc 20mm dia. PVC pipe Metre 10 25mm dia. PVC pipe Metre 35 32mm dia. PVC pipe 0 Metre Providing and fixing CP grating of 6mm thick with rim including setting in floor with white 53 cement mortar and making good the floor 125mm dia Each Providing and fixing PVC soil, waste and vent pipe to IS: 13592 of SWR quality including all fittings, like: Bends, Tees, Elbows, Collars, junction, inspection doors, cowls, offsets, access pipes, jointing with rubber ring / solvent cement by application of leak proof adhesive like FRP paste including cutting holes in walls and floors and making good. Make:Supreme,Finolex,Prince etc... 50mm dia Metre 0 110mm dia 12 b Metre CURTAIN WORK 1.Two range of curtain cloth - Type 1 - II. 2. Both for doors, windows and partions. 3. Assorted colours plain & prints 4.Stitched as per site/ size requirement 5.Minor modifications in stitching as per site/ size requirement 6.Preferred colour (Brown, Cream, Beige) 7. Curtain price (including cloth & curtain rod) to be quoted in Squre metre 8. Stitching for each curtain to be absorb in the price of the cloth generally 2 meters. 9.Fast colours, water wash 10. Fabric density Non Transparent Composition 11. Fabric of curtain shall be soft texture, great shading, drape effect and nice dobby. 12. The bracket shall be side mounted and front mounted as required 13. First rod mount is 3.5 inches from the wall. 14. Where curtain used as a partition/ long length, sufficient support from ceiling should be provided to avoid sagging. 15.Rate quoted for fully stitched Curtain with top nepha with punch holes after lining bucramreinforced with SS / PVC islets and lower nepha 200mm double turned. Type -I (Surgical Curtain) Curtain fabric weight shall be up to 275-300 (±5%) gsm Composition of fabric shall be polyester yarn I.E. 300 denier fast colour sink age shall be (±5%) Weft and warp shall be Sqm 10 polyester / cotton polyester mix 56 Type - II (Window & Door Curtain) Curtain fabric weight shall be up to 250-275 (±5%) gsm Composition of fabric shall be polyester yarn I.E. 300 denier fast colour sink age shall be (±5%) Weft and warp shall be 0 Sqm polyester / cotton polyester mix

SCHEDULE V SCHEDULE OF WORK - DADRI (KANGRA DISTRICT) Sub: Civil and Electrical works for setting up of Health Wellness Center at Dadri (Kangra District), Himachal Pradesh Specification Unit Quantity Rate in Rs Amount in Rs FALSE CEILING & CLADDING Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building, for all heights and all levels etc. including: Structural analysis & design and preparation of shop drawings for pressure equalisation or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design. Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metalic colour of approved shades made out of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc. The fastening brackets 6.00 Sqm of Aluminium alloy 6005 T5 / MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specification and drawing The item includes cost of all material & labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding, cleaning and protection of the curtain wall with aluminium composite panel cladding till the handing over of the building for occupation. Base frame work for ACP cladding is payable under the relevant aluminium item.s The Contractor shall provide curtain wall with aluminium composite panel cladding, having all the performance characteristics all complete, as per the Architectural drawings, as per item description, as specified, as per the approved shop drawings and as directed by the Engineer-in-Charge. However, for the purpose of Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked M.S. Pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will be paid for separately, 8.00 Sam all complete as per direction of Engineer-in-charge. Second class teak wood: 35 mm thick shutters Providing and Fixing Wooden false Ceiling comprising of a Galvanized MS frame as required covered with 12 mm thick Marine ply, followed by 6 mm premium quality MDF for making groove and finished with a natural veneer (as approved) of 3.5 mm thickness Sqm 0 duly Spirit polished with melamine matt coating. The ceiling shall be fixed to the roof soffit with adequate suspenders. The item shall be inclusive of cutting & making cutouts for lights, diffusers etc all complete. (veneer with basic cost Upto Rs:100 per sft FOR site) Total Civil Works ELECTRICAL WORKS Point wiring in PVC conduit with modular type switch. Wiring for light point/fan point/exhaust fan point /call bell point with 1.5 sq mm FR PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit, with modular switch, modular plate, suitable PVC box and earthing the point with 1.5 sq.mm FR PVC insulated copper conductor single core cable etc as required. 5 Group C Point Wiring through PVC conduit Wiring for circuit/submain wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/recessed medium class PVC conduit as required.(Make:Havells/Finolex/V-guard/Polycab) 2X1.5 sq.mm + 1X1.5 sq.mm earth wire Metre 18 $2X2.5 \text{ sq.mm} + 1 \overline{X2.5 \text{ sq mm}}$ earth wire 12 b Metre 2X4 sq.mm + 1X4 sq.mm earth wire 0 Metre Telephone wiring in existing conduit: Supplying and drawing following pair 0.5 sq mm FR PVC insulated annealed coppe conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required. 2 Pair Metre 0

SCHEDULE V SCHEDULE OF WORK - DADRI (KANGRA DISTRICT) Sub: | Civil and | Electrical works for setting up of | Health Wellness Center at Dadri (Kangra District), Himachal Pradesh Specification Unit Quantity Rate in Rs Amount in Rs S/F 20A SPN MCB industrial socket outlet: Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 amps "C" curve, SP, MCB, in sheet steel Point 1 enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.(Make: Legrand/Havells/HPL) Modular type blanking plate: Supplying and fixing modular blanking plate on the existing modular plate & switch box 3 Each excluding modular plate as required.(Make: Legrand/Havells/HPL) Modular boxes, bases & cover plate: Supplying and fixing following size/modules, GI box along with modular base & cover plate for modular switches in recess etc as required.(Make: Legrand/Havells/HPL) 2 module Each 1 3 module 4 Each 4 module 1 Each 6 module Each 2 8 module Each 0 12 module Each 0 Modular type switch/socket: Supplying and fixing following modular switch/socket on the existing modular plate & switch box including connections but excluding modular plate etc as required. (Make: Legrand/Havells/HPL) 5/6 Amps switch Each 6 3 pin 5/6 Amp socket outlet Each 6 15/16 Amps switch 2 Each 6pin 15/16 Amps (universal) socket outlet d Each 2 Telephone socket outlet Each 0 e S/F PVC conduit: 8 Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.(ISI Make) 20 mm Metre 20 25 mm 15 Metre b ITC Fluorescent fitting directly on surface: Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting/LED of all types, complete with all accessories and tube etc. directly on Each 4 ceiling/ wall, including connection with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable and earthing etc. as required. ITC Ceiling fan: Installation, testing and commissioning of ceiling fan, including wiring the down rods of 0 Each standard length (upto 30 cm) with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable etc. as required. Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as 0 Each required. 12 LAYING OF CABLES CABLE LAYING Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1kV grade of following size clamped on wall surface with 1mm thick saddles as required complete FROM Mains TO DB 15 Metre 4 X 10 sq.mm 13 END TERMINATION Supply and making end termination with brass compression gland, earth clip and aluminium lugs for following size of PVC insulated and PVC sheathed/XLPE aluminium conductor cable fo 1.1KV grade as required. 4 X 10 sq.mm Each 2 CABLE SUPPLY Supplying the following PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV per **CPWD** standards required. (Make:Havells/ Glostar/Nicco/Finolex/Polycab) 4 x 10 sq.mm Metre 15

SCHEDULE V					
	SCHEDULE OF WORK - DADRI (KANGR	A DIST	TRICT)		
Sub:	Civil and Electrical works for setting up of Health Wellness Center at Dad	ri (Kan	gra District), Himachal	Pradesh
Sl No	Specification	Unit	Quantity	Rate in Rs	Amount in Rs
15	Supply of 15W LED tube fitting sleek with decorative end cap, powder coated CRCA steel channel complete with all electrical accessories like electronic ballast, lamp holder, 28W LED lamp etc complete as required. (Philips / Wipro /HAVELLS)	Each	4		
16	Supply and installation of 18 W CFL with its all accessories.[ISI MAKE]	Each	1		
17	Supply and installation of 1200 mm sweep Ceiling fan, white colour, 5 star rated as per BEE complete with blades, down rod, shackle, canopy etc(Make Havells/bajaj/usha/V-guard/crompton)	Each	0		
18	Supply and installation EXHAUST FAN,SHUTTER TYPE white colour, 9" OR 10" star rated as per BEE complete with its all accessories(Make Havells/bajaj/usha/V-guard)	Each	0		
19	S/F of SPN MCB PDB				
	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)				
a	4 way double door, horizontal type	Each	1		
	6 way Double door, horizontal type	Each	0		
	S/F OF SP MCB				
	6/10A SP MCB S/F DP ISOLATOR	Each	2		
19.3	Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, ISOLATOR having a sensitivity current upto 100 to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc, as required.(Make: Legrand/Havells/HPL)				
	32 AMPS	Each	1		
20	EARTHING Pipe earthing with G.I. earth pipe 2.5 metre, long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt) as required complete.	Set	1		
21	Preparation of all drawings submitting and getting approval from EB for extra load & 3phase connection with Meter, submitting of Completion certificates and arranging inspection, getting sanction and energisation certificates etc. for commissioning of the whole installation in the premises. All statutory payments(inclusive) will be reimbursed on production of the original reciepts.	Ls	0		
22	M. H. A.				
23.1	Miscellaneous Items Miscellaneous electrical work, removing of existing conduits and interconnections of light,6A socket/16A socket/A/C point from existing DB	LS	0		
	Total Electrical Works				
	Grand Total		•	Rs.	
	GST @ 18%			Rs.	
	Grand Total (In Rs. Incl. of taxes)			Rs.	
I AGRI	EE TO EXECUTE THE WORKS AS PER THE RATES QUOTED ABOVE	Sig	nature of Co	ntractor	

SCHEDULE V SCHEDULE OF WORK - MADEHAR (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Madehar (Kangra District), Himachal Pradesh Sl No Specification Quantity Rate in Rs Amount in Rs CIVIL WORKS EARTH WORK "Excavate foundation in all kinds of soil including soft rock except hard rock requiring blasting part return and fill in foundation and basement in layers not exceeding 15cm in depth including watering, breaking clods and consolidating, disposing and spreading surplus earth within the site upto 1.5m depth.(No extra shall be payable for working space) 34.00 Cum Tenderer to ensure proper dewatering and shoring methods to ensure all time dry condition. Any damages of sides of foundation or collapsing of soil from sides due to excessive water seepage or surface runoff or any other cause have to be replaced with quarry dust or Malaimann at no extra cost." Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and 40.00 saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal Sqm of rubbish up to a distance of 50 m outside the periphery of the area cleared Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal Each 0 of unserviceable material. Beyond 60 cm girth upto and including 120 cm girth Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming 36.00 and watering, lead up to 50 m and lift upto 1.5 m. CEMENT CONCRETE Cement concrete 1:4:8 (1 cement ,4 sand , 8 hard blue granite stone metal 40mm and down gauge in layers not exceeding 15 cms in depth well consolidated in 6.00 Cum foundation and levelling course under floors including necessary shuttering, in steps etc all complete as directed. R.C.C.WORK 'RCC M20 (Design Mix) using hard blue granite metal 20mm and down gauge including centering, shuttering, curing etc., compelete but excluding cost Note: Polythene sheet shall be provided under the slabs." In Foundation, Footing and bed blocks at all levels. Cum 2.00 a b In Suspended roof slab of required thicknes Cum 0 In Ground Floor Cum 8.00 c Providing, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete in lintels, beams and bressumers, including setting in cement mortar 1:3 (1 cement: 3 coarse sand), cost of required centering and shuttering but, excluding the cost of 8.00 Cum reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size) Yield Strength Deformed bars in all RCC items & floorings General Note: Sizes of RCC elements shown in the drawing are only indicative and subject to change .No extra shall be payable on this account. Any change in size of M.T 2.00 concrete elements resulting in change of area of shuttering due to change in quantity of concrete shall also not be payable"" MASONRY WORK Brickwork of locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in cement mortar 1:5 (1 cement,5 sand) in foundation Cum 0 and plinth. No extra payment will be paid for any shape or size, turnings, fins, etc unless otherwise specified seperately. Random rubble masonry with hard stone in foundation and plinth including levelling up 2.00 10 with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm Cum nominal size) upto plinth level with : Cement mortar 1:6 (1 cement : 6 coarse sand)

SCHEDULE V								
	SCHEDULE OF WORK - MADEHAR (KANGRA DISTRICT)							
Sub:	Civil and Electrical works for setting up of Health Wellness Center at Madehar (Kangra District), Himachal Pradesh							
11	66mm overall thickness partition using 8mm thick double skin multipurpose cement board reinforced with cellulose fibre manufactured through autoclaving process (High pressure steam cured) as per IS: 14862 with suitable fibre cement screws	Sqm	98.00					
12	Half brickwork with locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in CM 1:3 (1 cement 3 sand) and reinforced with two numbers of 6mm dia. M.S rods at every fourth course embedded in cement mortar 1:4 for partitions.							
	In Ground Floor FLOORING	Sqm	4.00					
-	FLOORING							
13	Providing & laying first class full body vitrified ceramic tile of make Kajaria/ Restile/Johnson or equivqlent of size 600mmx600mmx 9.5mm or approved size of approved colour (matt finish) in flooring using spacer of required size (2mm-4mm) from endura or equivalent over a bed of cement mortar 1:4 of required thickness to match finished floor level mentioned and to match the neighbouring floor finish and jointed with epoxy grout of approved shade from Bal Endura or equivalent brand all complete as directed.(Basic cost of tile - Rs.85/sft). Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area. No extra shall be payable for forming any pattern in the flooring like border, cut tiles, etc.	Sqm	42.00					
14	Providing and laying 600mm x 600mm or required size from Kajaria/ Restile/Johnson glazed tiles of plain series(Satin finish) in dado set in CM 1:3 with joints so as to form a true & even surface and joints finished neatly with white cement mixed with matching pigments all complete as directed. (Rate should include base plastering with CM 1:5 of required thickness.) The rate shall include cost of providing 6mmx6mm groove in the plastering at top of the tile all complete as directed. (Basic cost of tile - Rs.85/sft). Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area. No extra shall be payable for forming any pattern like border, etc.	Sqm	28.00					
15	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite of any colour and shade. Area of slab over 0.50 sqm	Sqm	19.00					
	STEEL WORK							
16	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in incharge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	МТ	0.02					
17	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	MT	0.10					

	SCHEDULE V SCHEDULE OF WORK - MADEHAR (KANGRA DISTRICT)					
Sub:	Civil and Electrical works for setting up of Health Wellness Center at Mad				chal Pradesh	
	CARPENTRY WORK					
18	Providing and fixing factory made uPVC white colour casement/ casement cum fixed glazed windows comprising of uPVC multichampered frame, sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, stainless steel (SS 304 grade) friction hinges, zinc alloy (white powder coated) casement handles, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately) Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable. Casement window double panels with top fixed with S.S. friction hinges (350 x 19 x 1.9 mm) made of (small series) frame 47 x 50 mm, sash 47 x 68 mm & mullion 47 x 68 mm all having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area of window upto 2.50 sqm).	Sqm	6.00			
19	24 mm thick factory made PVC door shutters made of styles and rails of a uPVC hollow section of size $59x24$ mm and wall thickness 2 mm (\pm 0.2 mm) with inbuilt edging on both sides. The styles and rails mitred and joint at the corners by means of M.S. galvanised/plastic brackets of size $75x220$ mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size $20x20$ mm and 1 mm (\pm 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size $100x24$ mm and 2 mm (\pm 0.2 mm) wall thickness, fixed to the shutter styles by means of plastic/galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multichambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (\pm 0.1 mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge. (For W.C. and bathroom door shutter).	Sqm	4.00			
20	Providing and fixing cup board shutters 25 mm thick, with Pre-laminated flat pressed three layer particle board or graded wood particle board IS: 12823 marked, exterior grade (Grade I Type II), having one side decorative lamination and other side balancing lamination, including IInd class teak wood lipping of 25 mm wide x12 mm thick with necessary screws and bright finished stainless steel piano hinges, complete as per direction of the Engineer-in-Charge	Sqm	5.00			
	ROOFING					
21	"""Supplying and embedding P.V.C rain water pipes of approved quality embedded inside the RC columns/masonry in position with all necessary specials like shoes, bends or any other specials required to suit site conditions etc., jointed with wavin cement and lubricants with necessary MS clamps, brackets, bolts and nuts all complete as directed.		12.00			
	110mm dia-6kg/sq.cm"					
22	PLASTERING Prepare surfaces and plaster with CM 1:3(1 cement, 3 sand) ,12mm minimum thick (sponge finish) to ceiling sides and soffit of beams and columns and other interior and exterior RCC surfaces not contiguous to masonry.	Sqm	44.00			
23	Prepare surfaces and plaster with CM 1:5(1 cement, 5 sand) ,12mm minimum thick to all interior faces of walls (sponge finish) including RCC surfaces not contiguous to masonry.Necessary internal grooves of size 10mmx10mm shall be carried out as shown/directed by engineer-in-charge.	Sqm	0			
-	PAINTING					
24	Prepare surfaces and paint two coats of plastic emulsion paint of approved colour over two coats of Gypsum punning of 6 mm minimum thick and primer all complete as per manufacturers specifications to all ceilings in all floors.	Sqm	0			
25	Finishing with oil bound washable Interior Emulsion of approved brand and manufacture to give an even shade: New work (two or more coats) over and including water thinnable priming coat with cement primer	Sqm	126.00			

	SCHEDULE V SCHEDULE OF WORK - MADEHAR (KANGRA DISTRICT)						
Sub:	Civil and Electrical works for setting up of Health Wellness Center at Madehar (Kangra District), Himachal Pradesh						
26	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufacture	Sqm	21.00				
27	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture	Sqm	12.00				
28	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	Sqm	126.00				
29	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	Sqm	0				
30	Finishing with Deluxe Multi surface paint system for exteriors using Primer as per manufacturers specifications: Two or more coats applied on walls @ 1.25 ltr/10 sqm	Sqm	178.00				
31	DISMANTLING Dismantling plastered brickwalls in cement mortar including cleaning, stacking the useful materials as directed by engineer-in-charge and dumping the dismantled debris as indicated at site, levelling, consolidating, all complete as directed and disposing the debris away from site all complete as directed.	Cum	1.00				
32	Dismantling the existing RCC concrete including cutting the reinforcement, stacking the useful materials as directed by engineer-in-charge, dumping the dismantled debris as indicated at site, leveling, consolidating, all complete as directed and disposal of debris away from site all complete.	Cum	1.00				
33	Dismantling Tile Flooring and Walls and disposing the debris away from site all complete as directed.	Sqm	2.00				
	PATHWAY						
34	Providing and laying cement concrete paver blocks of thick 80mm made out of M25 design mix of shape and profile as approved by architect. The rate should include cost of necessary excavation, COARSE SAND upto a depth of 50mm pointing in CM 1:3 all complete as directed. (For purpose of payment total laid area in length multiplied by width in plan will be paid.) Tenderer to submit necessary pamphlets along with tender.	Sqm	0				
	PLUMBING						
35		C	2				
36	Providing and fixing gun metal gate valve with C.I. wheel of approved quality -25MM Providing and fixing C.P. brass angle valve for basin mixer and geyserpoints of approved quality conforming to IS:8931 a) 15 mm nominal bore: 15 mm nominal bore.Make:Hindware,Cera,Jaquar etc	Sqm Each	2				
37	Providing and fixing PTMT Bottle Trap for Wash basin and sink.Bottle trap 38mm single piece moulded with height of 270mm, effective length of tail pipe 260mm from the centre of the waste coupling 77mm breadth with 25mm minimum water seal, weighing not less than 263gms.	Each	0				
38	Providing and fixing trap of self cleansing design with screwed down orhinged grating with or without vent arm complete, including cost of cuttingand making good the walls and floors:100 mm inlet and 100 mm outlet	Each	2				
39	Constructing brick masonry manhole in cement mortar 1:4 (1 cement: 4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement: 4 coarse sand: 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement: 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design: With common burnt clay F.P.S designation 7.5	Each	0				

	SCHEDULE V SCHEDULE OF WORK - MADEHAR (KANGRA DISTRICT)						
Sub:	Civil and Electrical works for setting up of Health Wellness Center at Mad	lehar (K	angra Dis	trict), Himachal Pradesh			
40	Providing and fixing square – mouth PVC. Gully trap grade "A" complete with CI grating brick masonry chamber with water tight CI cover with frame of 300 x 300mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design	Each	0				
41	Providing and fixing white vitreous china pedestal type water closet(European type W.C. pan) with seat and lid, 10 litre low level white P.V.C.flushing cistern, including flush pipe, with manually controlled device(handle lever), conforming to IS: 7231, with all fittings and fixturescomplete, including cutting and making good the walls and floors wherever required: W.C. pan with ISI marked white solid plastic seat and lid	Each	2				
42	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brasspillar taps, 32 mm C.P. brass waste of standard pattern, including paintingof fittings and brackets, cutting and making good the walls whereverrequire:White Vitreous China Wash basin size 630x450 mm with apair of 15 mm C.P. brass pillar taps	Each	2				
43	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge.Concealed work including cutting chases and making good the walls etc	Makes	0				
	20 mm nominal outer dia .Pipes 32 mm nominal outer dia Pipes	Metre Metre	0				
	50 mm nominal outer dia Pipes	Metre	0				
44	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as perIS: 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the wallswherever required ::(Lowest retail price of sink not less than Rs. 3150)						
	Kitchen sink without drain board, Size -610x510 mm bowl depth 200 mm	Each	1				
45	Providing and fixing PVC Waste pipe for sink or wash basin including PVC waste fittings complete.:Semi rigid pipe 32mm dia	Each	3				
46	Providing and fixing CP Waste coupling for wash basin and sink of approved quality, colour and make. Waste coupling 31mm of 79mm length and 62mm breadth, weighing not less than 45 gms. Make:Hindware,Jaquar etc,	Each	3				
47	Extra for providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/stone work, including necessary holes for pillar taps etc. including moulding, rubbing and polishing of cut edges etc. complete.	Each	3				
48	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	Each	2				
49	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved quality and colour. 600mm long towel rail with total length of 645mm, width 78mm and effective height of 88mm, weighing not less than 190gms.	Each	2				
50	Providing and fixing PTMT liquid soap container 109mm wide, 125mm high and 112mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour. weighing not less than 105 gms.	Each	2				
51	Providing & fixing of CP Health faucet. Hand operated spray unit (instand type)	Set	2				
52	Providing and fixing PVC pipes for water supply arrangements including cost pipes, fittings, solvent cement,testing of pipes, labour charges etc complete: Concealed work including cutting chases and making good the wall etc						
a	20mm dia. PVC pipe	Metre	10				
b c	25mm dia. PVC pipe 32mm dia. PVC pipe	Metre Metre	20				
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	SCHEDULE V SCHEDULE OF WORK - MADEHAR (KANGRA DISTRICT)					
Sub:	Civil and Electrical works for setting up of Health Wellness Center at Mad				hal Pradesh	
53	Providing and fixing CP grating of 6mm thick with rim including setting in floor with white cement mortar and making good the floor					
	125mm dia	Each	2			
54	Providing and fixing PVC soil, waste and vent pipe to IS: 13592 of SWR quality including all fittings, like: Bends, Tees, Elbows, Collars, junction, inspection doors, cowls, offsets, access pipes, jointing with rubber ring / solvent cement by application of leak proof adhesive like FRP paste including cutting holes in walls and floors and making good. Make:Supreme,Finolex,Prince etc,					
a b	50mm dia 110mm dia	Metre Metre	0 12			
U	110mm ua	Wictic	12			
	CURTAIN WORK					
	1.Two range of curtain cloth – Type 1 - II.					
	Both for doors, windows and partions. Assorted colours plain & prints					
	4.Stitched as per site/ size requirement					
	5.Minor modifications in stitching as per site/ size requirement					
	6.Preferred colour (Brown, Cream, Beige) 7.Curtain price (including cloth & curtain rod) to be quoted in Squre metre					
	8. Stitching for each curtain to be absorb in the price of the cloth generally 2 meters.					
	9.Fast colours, water wash					
	10.Fabric density Non Transparent Composition 11.Fabric of curtain shall be soft texture, great shading, drape effect and nice dobby.					
	12. The bracket shall be side mounted and front mounted as required					
	13. First rod mount is 3.5 inches from the wall.					
	14. Where curtain used as a partition/ long length, sufficient support from ceiling should be provided to avoid sagging.					
	15.Rate quoted for fully stitched Curtain with top nepha with punch holes after lining					
	bucramreinforced with SS / PVC islets and lower nepha 200mm double turned.					
55	Type -I (Surgical Curtain)					
	Curtain fabric weight shall be up to 275-300 (±5%) gsm Composition of fabric shall be polyester yarn I.E. 300 denier fast colour sink age shall be (±5%) Weft and warp shall be polyester / cotton polyester mix	Sqm	10			
56	Type - II (Window & Door Curtain)					
	Curtain fabric weight shall be up to 250-275 (±5%) gsm Composition of fabric shall be polyester yarn I.E. 300 denier fast colour sink age shall be (±5%) Weft and warp shall be polyester / cotton polyester mix	Sqm	0			
	EARCE CEILING & CLADDING					
	FALSE CEILING & CLADDING					
57	Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building, for all heights and all levels etc. including: Structural analysis & design and preparation of shop drawings for pressure equalisation or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design. Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metalic colour of approved shades made out of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc. The fastening brackets of Aluminium alloy 6005 T5 / MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specification and drawing The item includes cost of all material & labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding, cleaning and protection of the curtain wall with aluminium composite panel cladding is payable under the relevant aluminium item.s The Contractor shall provide curtain wall with aluminium composite panel cladding, having all the performance characteristics all complete, as per the Architectural drawings, as per it	Sqm	6.00			

	SCHEDULE V SCHEDULE OF WORK - MADEHAR (KANGRA DISTRICT)					
Sub:	Civil and Electrical works for setting up of Health Wellness Center at Madehar (Kangra District), Himachal Pradesh					
58	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked M.S. Pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. Second class teak wood: 35 mm thick shutters	Sqm	8.00			
59	Providing and Fixing Wooden false Ceiling comprising of a Galvanized MS frame as required covered with 12 mm thick Marine ply, followed by 6 mm premium quality MDF for making groove and finished with a natural veneer (as approved) of 3.5 mm thickness duly Spirit polished with melamine matt coating. The ceiling shall be fixed to the roof soffit with adequate suspenders. The item shall be inclusive of cutting & making cutouts for lights, diffusers etc all complete. (veneer with basic cost Upto Rs:100 per sft FOR site)	Sqm	0			
	Total Civil Works					
1	ELECTRICAL WORKS Point wiring in PVC conduit with modular type switch.					
1	Wiring for light point/fan point/exhaust fan point /call bell point with 1.5 sq mm FR PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit, with modular switch, modular plate, suitable PVC box and earthing the point with 1.5 sq.mm FR PVC insulated copper conductor single core cable etc as required.					
	Group C	Point	5			
2	Wiring through PVC conduit Wiring for circuit/submain wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/recessed medium class PVC conduit as required.(Make:Havells/Finolex/V-guard/Polycab)					
a	2X1.5 sq.mm + 1X1.5 sq.mm earth wire	Metre	18			
b	2X2.5 sq.mm + 1 X2.5 sq mm earth wire	Metre	12			
С	2X4 sq.mm + 1X4 sq.mm earth wire	Metre	0			
3	Telephone wiring in existing conduit:					
J	Supplying and drawing following pair 0.5 sq mm FR PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required.					
a	2 Pair	Metre	0			
4	A/C point S/F 20A SPN MCB industrial socket outlet: Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 amps "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.(Make: Legrand/Havells/HPL)	Point	1			
5	Modular type blanking plate: Supplying and fixing modular blanking plate on the existing modular plate & switch box					
	excluding modular plate as required.(Make: Legrand/Havells/HPL)	Each	3			
6	Modular boxes, bases & cover plate:					
	Supplying and fixing following size/modules, GI box along with modular base & cover plate for modular switches in recess etc as required.(Make: Legrand/Havells/HPL)					
a	2 module	Each	1			
b	3 module	Each	4			
c d	4 module	Each	2			
e e	6 module 8 module	Each Each	0		+	
f	12 module	Each	0			
7	Modular type switch/socket:					
	Supplying and fixing following modular switch/socket on the existing modular plate & switch box including connections but excluding modular plate etc as required. (Make: Legrand/Havells/HPL)					
a	5/6 Amps switch	Each	6	i e		
b	3 pin 5/6 Amp socket outlet	Each	6			
c	15/16 Amps switch	Each	2			
d	6pin 15/16 Amps (universal) socket outlet	Each	2		-	
e	Telephone socket outlet	Each	0	-		
				ı	l	

	<u>SCHEDULE V</u> SCHEDULE OF WORK - MADEHAR (KANGRA DISTRICT)				
Sub: Civil and Electrical works for setting up of Health Wellness Center at Madehar (Kangra District), Hima					
8	S/F PVC conduit: Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of				
a b	recessed conduit as required.(ISI Make) 20 mm 25 mm	Metre Metre	20 15		
9	ITC Fluorescent fitting directly on surface: Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting/LED of all types, complete with all accessories and tube etc. directly on ceiling/ wall, including connection with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable and earthing etc. as required.	Each	4		
10	ITC Ceiling fan: Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable etc. as required.	Each	0		
11	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	Each	0		
12	LAYING OF CABLES				
	CABLE LAYING Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1kV grade of following size clamped on wall surface with 1mm thick saddles as required complete.				
a	FROM Mains TO DB 4 X 10 sq.mm	Metre	15		
	7 / 10 sq.mm	Wietre	13		
13	END TERMINATION Supply and making end termination with brass compression gland, earth clip and aluminium lugs for following size of PVC insulated and PVC sheathed/XLPE aluminium conductor cable fo 1.1KV grade as required.				
	4 X 10 sq.mm	Each	2		
14	CABLE SUPPLY Supplying the following PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade as per CPWD standards as required. (Make:Havells/Glostar/Nicco/Finolex/Polycab)				
	4 x 10 sq.mm	Metre	15		
15	Supply of 15W LED tube fitting sleek with decorative end cap, powder coated CRCA steel channel complete with all electrical accessories like electronic ballast, lamp holder, 28W LED lamp etc complete as required. (Philips / Wipro /HAVELLS)	Each	4		
16	Supply and installation of 18 W CFL with its all accessories.[ISI MAKE]	Each	1		
10		Lacii	1		
17	Supply and installation of 1200 mm sweep Ceiling fan, white colour, 5 star rated as per BEE complete with blades, down rod, shackle, canopy etc(Make Havells/bajaj/usha/V-guard/crompton)	Each	0		
18	Supply and installation EXHAUST FAN,SHUTTER TYPE white colour, 9" OR 10" star rated as per BEE complete with its all accessories(Make Havells/bajaj/usha/V-guard)	Each	0		
19	S/F of SPN MCB PDB				
	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)				
a	4 way double door, horizontal type	Each	1		
b	6 way Double door, horizontal type	Each	0		
19.2	S/F OF SP MCB 6/10A SP MCB	Each	2		
19.3	S/F DP ISOLATOR				
	Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, ISOLATOR having a sensitivity current upto 100 to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc, as required.(Make: Legrand/Havells/HPL)				
	32 AMPS	Each	1		
20	EARTHING Pipe earthing with G.I. earth pipe 2.5 metre, long, 40 mm dia including accessories, and				
	providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt) as required complete.	Set	1		

Sub:	Civil and Electrical works for setting up of Health Wellness Center at Mad	ehar (Ka	angra Distric	rict), Himachal Pradesh			
21	Preparation of all drawings submitting and getting approval from EB for extra load & 3phase connection with Meter, submitting of Completion certificates and arranging inspection, getting sanction and energisation certificates etc. for commissioning of the whole installation in the premises. All statutory payments(inclusive) will be reimbursed on production of the original reciepts.	Ls	0				
23	Miscellaneous Items						
23.1	Miscellaneous electrical work, removing of existing conduits and interconnections of light,6A socket/16A socket/A/C point from exisiting DB	LS	0				
	Total Electrical Works						
Grand Total							
GST @ 18%				Rs.			
Grand Total (In Rs. Incl. of taxes)				Rs.			

Signature of Contractor

SCHEDULE V SCHEDULE OF WORK - PANJARA (KANGRA DISTRICT) Sub: Civil and Electrical works for setting up of Health Wellness Center at Panjara (Kangra District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs CIVIL WORKS EARTH WORK Excavate foundation in all kinds of soil including soft rock except hard rock requiring blasting part return and fill in foundation and basement in layers not exceeding 15cm in depth including watering, breaking clods and consolidating, disposing and spreading surplus earth within the site upto 1.5m depth.(No extra shall be payable for working space) 34.00 Cum Tenderer to ensure proper dewatering and shoring methods to ensure all time dry condition. Any damages of sides of foundation or collapsing of soil from sides due to excessive water seepage or surface runoff or any other cause have to be replaced with quarry dust or Malaimann at no extra cost." Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level Sqm 40.00 and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared. Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of Each 0 serviceable material and disposal of unserviceable material. Beyond 60 cm girth upto and including 120 cm girth Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each 36.00 Cum deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m. CEMENT CONCRETE Cement concrete 1:4:8 (1 cement ,4 sand , 8 hard blue granite stone metal 40mm and down gauge in layers not exceeding 15 cms in depth well Cum 6.00 consolidated in foundation and levelling course under floors including necessary shuttering, in steps etc all complete as directed. R.C.C.WORK 'RCC M20 (Design Mix) using hard blue granite metal 20mm and down gauge including centering, shuttering, curing etc., compelete but excluding Note: Polythene sheet shall be provided under the slabs." 2.00 In Foundation, Footing and bed blocks at all levels. Cum In Suspended roof slab of required thicknes In Ground Floor 8.00 c Cum Providing, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete in lintels, beams and bressumers, including setting in cement mortar 1:3 (1 cement : 3 coarse sand), cost of required centering and Cum 8.00 shuttering but, excluding the cost of reinforcement, with 1:1.5:3 (1 cement: 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size) 'High Yield Strength Deformed bars in all RCC items & floorings General Note: Sizes of RCC elements shown in the drawing are only indicative and subject to change .No extra shall be payable on this account. Any change in M.T 2.00 size of concrete elements resulting in change of area of shuttering due to change in quantity of concrete shall also not be payable" MASONRY WORK Brickwork of locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in cement mortar 1:5 (1 cement,5 sand) 0 Cum

in foundation and plinth. No extra payment will be paid for any shape or

size,turnings, fins, etc unless otherwise specified seperately.

SCHEDULE V SCHEDULE OF WORK - PANJARA (KANGRA DISTRICT) Sub: Civil and Electrical works for setting up of Health Wellness Center at Panjara (Kangra District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded Cum 2.00 stone aggregate 20 mm nominal size) upto plinth level with: Cement mortar 1:6 (1 cement : 6 coarse sand) 66mm overall thickness partition using 8mm thick double skin multipurpose cement board reinforced with cellulose fibre manufactured through autoclaving Sqm 98.00 process (High pressure steam cured) as per IS: 14862 with suitable fibre cement Half brickwork with locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in CM 1:3 (1 cement 3 sand) and reinforced with two numbers of 6mm dia. M.S rods at every fourth course embedded in cement mortar 1:4 for partitions. In Ground Floor Sqm 4.00 FLOORING Providing & laying first class full body vitrified ceramic tile of make Kajaria/ Restile/Johnson or equivqlent of size 600mmx600mmx 9.5mm or approved size of approved colour (matt finish) in flooring using spacer of required size (2mm-4mm) from endura or equivalent over a bed of cement mortar 1:4 of required thickness to match finished floor level mentioned and to match the neighbouring Sqm 42.00 floor finish and jointed with epoxy grout of approved shade from Bal Endura or equivalent brand all complete as directed.(Basic cost of tile - Rs.85/sft). Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area. No extra shall be payable for forming any pattern in the flooring like border, cut tiles,etc. Providing and laying 600mm x 600mm or required size from Kajaria/ Restile/Johnson glazed tiles of plain series(Satin finish) in dado set in CM 1:3 with joints so as to form a true & even surface and joints finished neatly with white cement mixed with matching pigments all complete as directed. (Rate should include base plastering with CM 1:5 of required thickness.) 28.00 Sam The rate shall include cost of providing 6mmx6mm groove in the plastering at top of the tile all complete as directed.(Basic cost of tile - Rs.85/sft). Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area. No extra shall be payable for forming any pattern like border, etc. Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints 19 00 Sqm treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite of any colour and shade. Area of slab over 0.50 sam STEEL WORK Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top MT 0.02 of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in incharge. (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.). Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a MT 0.10 priming coat of approved steel primer all complete.

SCHEDULE V SCHEDULE OF WORK - PANJARA (KANGRA DISTRICT) Sub: Civil and Electrical works for setting up of Health Wellness Center at Panjara (Kangra District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs CARPENTRY WORK Providing and fixing factory made uPVC white colour casement/ casement cum fixed glazed windows comprising of uPVC multichampered frame, sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, stainless steel (SS 304 grade) friction hinges, zinc alloy (white powder coated) casement handles, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage Sqm 6.00 of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately) Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable. Casement window double panels with top fixed with S.S. friction hinges (350 x 19 x 1.9 mm) made of (small series) frame 47 x 50 mm, sash 47 x 68 mm & mullion 47 x 68 mm all having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area of window upto 2.50 sqm). 24 mm thick factory made PVC door shutters made of styles and rails of a uPVC hollow section of size 59x24 mm and wall thickness 2 mm (± 0.2 mm) with inbuilt edging on both sides. The styles and rails mitred and joint at the corners by means of M.S. galvanised/ plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 20x20 mm and 1 mm (± 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x24 mm and 2 mm (± 0.2 mm) wall thickness, fixed to the shutter styles by Sqm 4.00 means of plastic/galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (± 0.1 mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge. (For W.C. and bathroom door shutter) Providing and fixing cup board shutters 25 mm thick, with Pre-laminated flat pressed three layer particle board or graded wood particle board IS: 12823 marked, exterior grade (Grade 1 Type II), having one side decorative lamination Sqm 5.00 and other side balancing lamination, including IInd class teak wood lipping of 25 mm wide x12 mm thick with necessary screws and bright finished stainless steel piano hinges, complete as per direction of the Engineer-in-Charge ROOFING "Supplying and embedding P.V.C rain water pipes of approved quality embedded inside the RC columns/masonry in position with all necessary specials like shoes, bends or any other specials required to suit site 12.00 conditions etc., jointed with wavin cement and lubricants with necessary R.M MS clamps, brackets , bolts and nuts all complete as directed. 110mm dia-6kg/sq.cm" PLASTERING Prepare surfaces and plaster with CM 1:3(1 cement, 3 sand),12mm minimum thick (sponge finish) to ceiling sides and soffit of beams and columns 44.00 Sqm and other interior and exterior RCC surfaces not contiguous to masonry. Prepare surfaces and plaster with CM 1:5(1 cement, 5 sand),12mm minimum

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thick to all interior faces of walls (sponge finish) including RCC surfaces

not contiguous to masonry. Necessary internal grooves of size 10mmx10mm

shall be carried out as shown/directed by engineer-in-charge.

SCHEDULE V SCHEDULE OF WORK - PANJARA (KANGRA DISTRICT) Sub: Civil and Electrical works for setting up of Health Wellness Center at Panjara (Kangra District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs PAINTING Prepare surfaces and paint two coats of plastic emulsion paint of approved colour over two coats of Gypsum punning of 6 mm minimum thick and primer 0 Sqm all complete as per manufacturers specifications to all ceilings in all floors. Finishing with oil bound washable Interior Emulsion of approved brand and 126.00 manufacture to give an even shade: New work (two or more coats) over and Sqm including water thinnable priming coat with cement primer Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 Sqm 21.00 ltr/10 sqm of approved brand and manufacture Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 12.00 Sqm 0.80 ltr/ 10 sqm of approved brand and manufacture Providing and applying plaster of paris putty of 2 mm thickness over plastered Sqm 126.00 surface to prepare the surface even and smooth complete. Removing white or colour wash by scrapping and sand papering and preparing Sqm 0 the surface smooth including necessary repairs to scratches etc. complete Finishing with Deluxe Multi surface paint system for exteriors using Primer as per manufacturers specifications: Two or more coats applied on walls @ 1.25 Sqm 178 00 ltr/10 sqm DISMANTLING Dismantling plastered brickwalls in cement mortar including cleaning stacking the useful materials as directed by engineer-in-charge and dumping the 1.00 Cum dismantled debris as indicated at site, levelling, consolidating, all complete as directed and disposing the debris away from site all complete as directed. Dismantling the existing RCC concrete including cutting the reinforcement stacking the useful materials as directed by engineer-in-charge, dumping the Cum 1.00 dismantled debris as indicated at site, leveling, consolidating, all complete as directed and disposal of debris away from site all complete. Dismantling Tile Flooring and Walls and disposing the debris away from site all 33 Sqm 2.00 complete as directed. **PATHWAY** Providing and laying cement concrete paver blocks of thick 80mm made out

SCHEDULE V SCHEDULE OF WORK - PANJARA (KANGRA DISTRICT) Sub: Civil and Electrical works for setting up of Health Wellness Center at Panjara (Kangra District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Providing and fixing trap of self cleansing design with screwed down orhinged grating with or without vent arm complete, including cost of cuttingand making Each good the walls and floors:100 mm inlet and 100 mm outlet Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand: 8 graded stone aggregate 40 mm nominal size), inside plastering 0 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with Each floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design: With common burnt clay F.P.S designation 7.5 Providing and fixing square - mouth PVC. Gully trap grade "A" complete with CI grating brick masonry chamber with water tight tight CI cover with frame of Each 0 300 x 300mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design Providing and fixing white vitreous china pedestal type water closet(European type W.C. pan) with seat and lid, 10 litre low level white P.V.C.flushing cistern, including flush pipe, with manually controlled device(handle lever), conforming Each 2 to IS: 7231, with all fittings and fixturescomplete, including cutting and making good the walls and floors wherever required :W.C. pan with ISI marked white solid plastic seat and lid Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brasspillar taps 32 mm C.P. brass waste of standard pattern, including painting fittings and Each 2 brackets, cutting and making good the walls whereverrequire: White Vitreous China Wash basin size 630x450 mm with apair of 15 mm C.P. brass pillar taps Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge.Concealed work including cutting chases and making good the walls etc 20 mm nominal outer dia .Pipes Metre 0 32 mm nominal outer dia Pipes Metre 0 0 50 mm nominal outer dia Pipes Metre Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as perIS: 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the wallswherever required ::(Lowest retail price of sink not less than Rs. 3150) Kitchen sink without drain board, Size -610x510 mm bowl depth 200 mm Each 1 Providing and fixing PVC Waste pipe for sink or wash basin including PVC 45 waste fittings complete.:Semi rigid pipe 32mm dia Each 3 Providing and fixing CP Waste coupling for wash basin and sink of approved quality, colour and make. Waste coupling 31mm of 79mm length and 62mm Each 3 breadth, weighing not less than 45 gms. Make: Hindware, Jaquar etc.., Extra for providing opening of required size & shape for wash basin/kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/stone work, including necessary holes for pillar taps etc. including moulding, rubbing Each 1 and polishing of cut edges etc. complete.

SCHEDULE V SCHEDULE OF WORK - PANJARA (KANGRA DISTRICT) Sub: Civil and Electrical works for setting up of Health Wellness Center at Panjara (Kangra District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden 2 Each cleats with C.P. brass screws and washers complete Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved Each 2 quality and colour. 600mm long towel rail with total length of 645mm, width 78mm and effective height of 88mm, weighing not less than 190gms. Providing and fixing PTMT liquid soap container 109mm wide, 125mm high and 112mm distance from wall of standard shape with bracket of the same materials 2 Each with snap fittings of approved quality and colour, weighing not less than 105 gms. Providing & fixing of CP Health faucet. Hand operated spray unit (instand type) 51 Set 2 Providing and fixing PVC pipes for water supply arrangements including cost pipes, fittings, solvent cement,testing of pipes, labour charges etc complete Concealed work including cutting chases and making good the wall etc 20mm dia. PVC pipe 10 a Metre 25mm dia. PVC pipe Metre 20 32mm dia. PVC pipe Metre 0 Providing and fixing CP grating of 6mm thick with rim including setting in floor with white cement mortar and making good the floor 125mm dia Each 2 Providing and fixing PVC soil, waste and vent pipe to IS: 13592 of SWR quality including all fittings, like: Bends, Tees, Elbows, Collars, junction, inspection doors, cowls, offsets, access pipes, jointing with rubber ring / solvent cement by application of leak proof adhesive like FRP paste including cutting holes in walls and floors and making good. Make:Supreme,Finolex,Prince etc.. 50mm dia Metre 0 a Metre 110mm dia 12 CURTAIN WORK 1.Two range of curtain cloth – Type 1 - II. 2. Both for doors, windows and partions. 3. Assorted colours plain & prints 4.Stitched as per site/ size requirement 5. Minor modifications in stitching as per site/ size requirement 6.Preferred colour (Brown, Cream, Beige) 7. Curtain price (including cloth & curtain rod) to be quoted in Squre metre 8. Stitching for each curtain to be absorb in the price of the cloth generally 2 meters. 9.Fast colours, water wash 10.Fabric density Non Transparent Composition 11. Fabric of curtain shall be soft texture, great shading, drape effect and nice dobby. 12. The bracket shall be side mounted and front mounted as required 13. First rod mount is 3.5 inches from the wall. 14. Where curtain used as a partition/ long length, sufficient support from ceiling should be provided to avoid sagging. 15.Rate quoted for fully stitched Curtain with top nepha with punch holes after lining bucramreinforced with SS / PVC islets and lower nepha 200mm double turned. Type -I (Surgical Curtain) Curtain fabric weight shall be up to 275-300 (±5%) gsm Composition of fabric shall be polyester yarn I.E. 300 denier fast colour sink age shall be (±5%) Weft 10 Sqm and warp shall be polyester / cotton polyester mix

SCHEDULE V SCHEDULE OF WORK - PANJARA (KANGRA DISTRICT) Sub: Civil and Electrical works for setting up of Health Wellness Center at Panjara (Kangra District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs 56 Type - II (Window & Door Curtain) Curtain fabric weight shall be up to 250-275 (±5%) gsm Composition of fabric 0 shall be polyester yarn I.E. 300 denier fast colour sink age shall be (±5%) Weft Sqm and warp shall be polyester / cotton polyester mix FALSE CEILING & CLADDING Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building, for all heights and all levels etc. including: Structural analysis & design and preparation of shop drawings for pressure equalisation or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design. Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metalic colour of approved shades made out of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 6.00 Sqm as specified using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc. The fastening brackets of Aluminium alloy 6005 T5 / MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specification and drawing The item includes cost of all material & labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding, cleaning and protection of the curtain wall with aluminium composite panel cladding till the handing over of the building for occupation. Base frame work for ACP cladding is payable under the relevant aluminium item.s The Contractor shall provide curtain wall with aluminium composite panel cladding, having all Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked M.S. Pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will 8.00 be paid for separately, all complete as per direction of Engineer-in-charge. Second class teak wood: 35 mm thick shutters Providing and Fixing Wooden false Ceiling comprising of a Galvanized MS frame as required covered with 12 mm thick Marine ply, followed by 6 mm premium quality MDF for making groove and finished with a natural veneer (as approved) of 3.5 mm thickness duly Spirit polished with melamine matt coating. Sam 0 The ceiling shall be fixed to the roof soffit with adequate suspenders. The item shall be inclusive of cutting & making cutouts for lights, diffusers etc all complete. (veneer with basic cost Upto Rs:100 per sft FOR site) **Total Civil Works** ELECTRICAL WORKS Point wiring in PVC conduit with modular type switch. Wiring for light point/fan point/exhaust fan point /call bell point with 1.5 sq mm FR PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit, with modular switch, modular plate, suitable PVC box and earthing the point with 1.5 sq.mm FR PVC insulated copper conductor single core cable etc as required. Group C Point Wiring through PVC conduit Wiring for circuit/submain wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/recessed medium class PVC conduit as required.(Make:Havells/Finolex/V-guard/Polycab) 2X1.5 sq.mm + 1X1.5 sq.mm earth wire Metre 18 2X2.5 sq.mm + 1 X2.5 sq mm earth wire Metre 12 b 2X4 sq.mm + 1X4 sq.mm earth wire Metre 0

SCHEDULE V SCHEDULE OF WORK - PANJARA (KANGRA DISTRICT) Sub: Civil and Electrical works for setting up of Health Wellness Center at Panjara (Kangra District), Himachal Pradesh Specification Sl No Unit Quantity Rate in Rs Amount in Rs Telephone wiring in existing conduit: Supplying and drawing following pair 0.5 sq mm FR PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required. 0 a Metre A/C point S/F 20A SPN MCB industrial socket outlet: Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 amps "C" curve, SP, Point 1 MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.(Make: Legrand/Havells/HPL) Modular type blanking plate: Supplying and fixing modular blanking plate on the existing modular plate & 3 Each switch box excluding modular plate as required.(Make: Legrand/Havells/HPL) Modular boxes, bases & cover plate: Supplying and fixing following size/modules, GI box along with modular base & cover plate for modular switches in recess etc as required.(Make: Legrand/Havells/HPL) Each 2 module b 3 module Each 4 4 module Each c 1 d 6 module Each 2 Each 0 8 module 12 module Each 0 Modular type switch/socket: Supplying and fixing following modular switch/socket on the existing modular plate & switch box including connections but excluding modular plate etc as required. (Make: Legrand/Havells/HPL) 5/6 Amps switch Each 6 3 pin 5/6 Amp socket outlet Each b 6 15/16 Amps switch c Each 6pin 15/16 Amps (universal) socket outlet 2 d Each 0 Telephone socket outlet Each S/F PVC conduit: Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.(ISI Make) 20 mm Metre a 20 Metre 15 b 25 mm ITC Fluorescent fitting directly on surface: Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting/LED of all types, complete with all accessories and tube etc. 4 directly on ceiling/ wall, including connection with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable and earthing etc. as required. Each ITC Ceiling fan: Installation, testing and commissioning of ceiling fan, including wiring the down Each 0 rods of standard length (upto 30 cm) with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable etc. as required. Supplying and fixing two module stepped type electronic fan regulator on the 0 existing modular plate switch box including connections but excluding modular Each plate etc. as required. 12 LAYING OF CABLES CABLE LAYING Laying and fixing of one number PVC insulated and PVC sheathed / XLPE

Metre

15

power cable of 1.1kV grade of following size clamped on wall surface with 1mm

thick saddles as required complete.

FROM Mains TO DB 4 X 10 sq.mm

SCHEDULE V SCHEDULE OF WORK - PANJARA (KANGRA DISTRICT) Sub: Civil and Electrical works for setting up of Health Wellness Center at Panjara (Kangra District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs 13 END TERMINATION Supply and making end termination with brass compression gland, earth clip and aluminium lugs for following size of PVC insulated and PVC sheathed/XLPE aluminium conductor cable fo 1.1KV grade as required. Each 2 4 X 10 sq.mm CABLE SUPPLY Supplying the following PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade as per CPWD standards as required. (Make:Havells/ Glostar/Nicco/Finolex/Polycab) 4 x 10 sq.mm Metre 15 Supply of 15W LED tube fitting sleek with decorative end cap, powder coated CRCA steel channel complete with all electrical accessories like electronic Each 4 ballast, lamp holder, 28W LED lamp etc complete as required. (Philips / Wipro /HAVELLS) 16 Supply and installation of 18 W CFL with its all accessories.[ISI MAKE] Each 1 Supply and installation of 1200 mm sweep Ceiling fan, white colour, 5 star rated as per BEE complete with blades, down rod, shackle, canopy etc(Make Each 0 Havells/bajaj/usha/V-guard/crompton) Supply and installation EXHAUST FAN, SHUTTER TYPE white colour, 9" OR 0 10" star rated as per BEE complete with its all accessories(Make Each Havells/bajaj/usha/V-guard) S/F of SPN MCB PDB Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) 4 way double door, horizontal type Each 6 way Double door, horizontal type Each 0 19.2 **S/F OF SP MCB** 6/10A SP MCB Each 2 19.3 S/F DP ISOLATOR Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, ISOLATOR having a sensitivity current upto 100 to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc, as required.(Make: Legrand/Havells/HPL) 32 AMPS Each 20 EARTHING Pipe earthing with G.I. earth pipe 2.5 metre, long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking Set 1 arrangement and watering pipe etc. with charcoal/coke and salt) as required Preparation of all drawings submitting and getting approval from EB for extra load & 3phase connection with Meter, submitting of Completion certificates and 0 arranging inspection, getting sanction and energisation certificates etc. for Ls commissioning of the whole installation in the premises. All statutory payments(inclusive) will be reimbursed on production of the original reciepts Miscellaneous Items Miscellaneous electrical work, removing of existing LS 0 interconnections of light,6A socket/16A socket/A/C point from exisitng DB Total Electrical Works **Grand Total** Rs. GST @ 18% Rs. Grand Total (In Rs. Incl. of taxes) Rs. I AGREE TO EXECUTE THE WORKS AS PER THE RATES QUOTED ABOVE

Signature of Contractor

SCHEDULE V SCHEDULE OF WORK - SEHAL (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Sehal (Kangra District), Himachal Pradesh Specification Sl No Amount in Rs Unit Quantity Rate in Rs CIVIL WORKS EARTH WORK "Excavate foundation in all kinds of soil including soft rock except hard rock requiring blasting part return and fill in foundation and basement in layers not exceeding 15cm in depth including watering, breaking clods and consolidating, disposing and spreading surplus earth within the site upto 1.5m depth.(No extra shall be payable for working space) 1 Cum 36.00 Tenderer to ensure proper dewatering and shoring methods to ensure all time dry condition. Any damages of sides of foundation or collapsing of soil from sides due to excessive water seepage or surface runoff or any other cause have to be replaced with quarry dust or Malaimann at no extra cost." Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and 40.00 2 Sqm removal of rubbish up to a distance of 50 m outside the periphery of the area cleared. Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of serviceable material 3 0 Each and disposal of unserviceable material. Beyond 60 cm girth upto and including 120 cm Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited Cum 64.00 layer by ramming and watering, lead up to 50 m and lift upto 1.5 m. CEMENT CONCRETE Cement concrete 1:4:8 (1 cement ,4 sand , 8 hard blue granite stone metal 40mm and down gauge in layers not exceeding 15 cms in depth well consolidated in 11.00 Cum foundation and levelling course under floors including necessary shuttering, in steps etc all complete as directed. R.C.C.WORK "RCC M20 (Design Mix) using hard blue granite metal 20mm and down gauge including centering, shuttering, curing etc., compelete but excluding cost of 6 reinforcement Note: Polythene sheet shall be provided under the slabs." In Foundation, Footing and bed blocks at all levels. 2.00 b In Suspended roof slab of required thicknes Cum 0 8.00 In Ground Floor Cum c Providing, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete in lintels, beams and bressumers, including setting in cement mortar 1:3 (1 cement : 3 coarse sand), cost of required centering and shuttering but, excluding Cum 8.00 the cost of reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size) Strength Deformed bars in all RCC items & General Note: Sizes of RCC elements shown in the drawing are only indicative and subject to change .No extra shall be payable on this account. Any change in size of M.T 2.00 concrete elements resulting in change of area of shuttering due to change in quantity of concrete shall also not be payable"" MASONRY WORK Brickwork of locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in cement mortar 1:5 (1 cement,5 sand) in Cum 0 foundation and plinth. No extra payment will be paid for any shape or size, turnings, fins, etc unless otherwise specified seperately

SCHEDULE V SCHEDULE OF WORK - SEHAL (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Sehal (Kangra District), Himachal Pradesh Specification Sl No Rate in Rs Unit Quantity Amount in Rs Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 Cum 2.00 mm nominal size) upto plinth level with: Cement mortar 1:6 (1 cement: 6 coarse sand) 66mm overall thickness partition using 8mm thick double skin multipurpose cement board reinforced with cellulose fibre manufactured through autoclaving process (High 98.00 Sam pressure steam cured) as per IS: 14862 with suitable fibre cement screws Half brickwork with locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in CM 1:3 (1 cement 3 sand) and reinforced with two numbers of 6mm dia. M.S rods at every fourth course embedded in cement mortar 1:4 for partitions. In Ground Floor 4.00 Sqm FLOORING Providing & laying first class full body vitrified ceramic tile of make Kajaria/ Restile/Johnson or equivalent of size 600mmx600mmx 9.5mm or approved size of approved colour (matt finish) in flooring using spacer of required size (2mm-4mm) from endura or equivalent over a bed of cement mortar 1:4 of required thickness to match finished floor level mentioned and to match the neighbouring floor finish and 42.00 Sqm jointed with epoxy grout of approved shade from Bal Endura or equivalent brand all complete as directed.(Basic cost of tile - Rs.85/sft). Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area. No extra shall be payable for forming any pattern in the flooring like border, cut tiles,etc. Providing and laying 600mm x 600mm or required size from Kajaria/ Restile/Johnson glazed tiles of plain series(Satin finish) in dado set in CM 1:3 with joints so as to form a true & even surface and joints finished neatly with white cement mixed with matching pigments all complete as directed. (Rate should include base plastering with CM 1:5 of required thickness.) 28.00 Sqm The rate shall include cost of providing 6mmx6mm groove in the plastering at top of the tile all complete as directed.(Basic cost of tile - Rs.85/sft). Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area. No extra shall be payable for forming any pattern like border, etc. Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white 19.00 Sam cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite of any colour and shade. Area of slab over 0.50 sqm STEEL WORK Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel MT 0.02 dash fasteners, stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in incharge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.). Structural steel work riveted, bolted or welded in built up sections, trusses and framed 0.10 MT work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.

SCHEDULE V SCHEDULE OF WORK - SEHAL (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Sehal (Kangra District), Himachal Pradesh Specification Sl No Unit Quantity Rate in Rs Amount in Rs CARPENTRY WORK Providing and fixing factory made uPVC white colour casement/ casement cum fixed glazed windows comprising of uPVC multichampered frame, sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, stainless steel (SS 304 grade) friction hinges, zinc alloy (white powder coated) casement handles, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage 6.00 Sqm of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately) Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable. Casement window double panels with top fixed with S.S. friction hinges (350 x 19 x 1.9 mm) made of (small series) frame 47 x 50 mm, sash 47 x 68 mm & mullion 47 x 68 mm all having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area of window upto 2.50 sqm). 24 mm thick factory made PVC door shutters made of styles and rails of a uPVC hollow section of size 59x24 mm and wall thickness 2 mm (± 0.2 mm) with inbuilt edging on both sides. The styles and rails mitred and joint at the corners by means of M.S. galvanised/ plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 20x20 mm and 1 mm (± 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x24 mm and 2 mm (± 0.2 mm) wall 4 00 Sqm thickness, fixed to the shutter styles by means of plastic/galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (± 0.1 mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge. (For W.C. and bathroom door shutter). Providing and fixing cup board shutters 25 mm thick, with Pre-laminated flat pressed three layer particle board or graded wood particle board IS: 12823 marked, exterior grade (Grade 1 Type 11), having one side decorative lamination and other side balancing Sqm 5.00 lamination, including IInd class teak wood lipping of 25 mm wide x12 mm thick with necessary screws and bright finished stainless steel piano hinges, complete as per direction of the Engineer-in-Charge ROOFING "Supplying and embedding P.V.C rain water pipes of approved quality embedded inside the RC columns/masonry in position with all necessary specials like shoes bends or any other specials required to suit site conditions etc., jointed with wavin cement and lubricants with necessary MS clamps, brackets , bolts and nuts all R.M 12.00 complete as directed. 110mm dia-6kg/sq.cm" PLASTERING Prepare surfaces and plaster with CM 1:3(1 cement, 3 sand) ,12mm minimum thick (sponge finish) to ceiling sides and soffit of beams and columns and other 44.00 Sqm interior and exterior RCC surfaces not contiguous to masonry. Prepare surfaces and plaster with CM 1:5(1 cement, 5 sand) ,12mm minimum thick to all interior faces of walls (sponge finish) including RCC surfaces not 0 Sqm contiguous to masonry. Necessary internal grooves of size 10mmx10mm shall be carried out as shown/directed by engineer-in-charge.

SCHEDULE V SCHEDULE OF WORK - SEHAL (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Sehal (Kangra District), Himachal Pradesh Specification Amount in Rs Sl No Unit Quantity Rate in Rs PAINTING Prepare surfaces and paint two coats of plastic emulsion paint of approved colour 0 over two coats of Gypsum punning of 6 mm minimum thick and primer all complete as Sqm per manufacturers specifications to all ceilings in all floors. Finishing with oil bound washable Interior Emulsion of approved brand and manufacture to give an even shade: New work (two or more coats) over and including 126.00 Sqm water thinnable priming coat with cement primer Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10 sqm 21.00 Sam of approved brand and manufacture Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or 12.00 27 more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ Sqm 10 sqm of approved brand and manufacture Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to 28 Sqm 126.00 prepare the surface even and smooth complete. Removing white or colour wash by scrapping and sand papering and preparing the Sqm surface smooth including necessary repairs to scratches etc. complete Finishing with Deluxe Multi surface paint system for exteriors using Primer as per 178.00 Sqm manufacturers specifications: Two or more coats applied on walls @ 1.25 ltr/10 sqm DISMANTLING Dismantling plastered brickwalls in cement mortar including cleaning, stacking the useful materials as directed by engineer-in-charge and dumping the dismantled debris Cum 1.00 as indicated at site, levelling, consolidating, all complete as directed and disposing the debris away from site all complete as directed. Dismantling the existing RCC concrete including cutting the reinforcement, stacking the useful materials as directed by engineer-in-charge, dumping the dismantled debris as Cum 1.00 indicated at site, leveling, consolidating, all complete as directed and disposal of debris away from site all complete. Dismantling Tile Flooring and Walls and disposing the debris away from site all Sqm 2.00 complete as directed. PATHWAY Providing and laying cement concrete paver blocks of thick 80mm made out of M25 design mix of shape and profile as approved by architect .The rate should include cost of necessary excavation, COARSE SAND upto a depth of 50mm pointing in CM 1:3 Sqm 0 all complete as directed.(For purpose of payment total laid area in length multiplied by width in plan will be paid.) Tenderer to submit necessary pamphlets along with tender. PLUMBING 35 Providing and fixing gun metal gate valve with C.I. wheel of approved quality -25MM 2 Sqm Providing and fixing C.P. brass angle valve for basin mixer and geyserpoints of approved quality conforming to IS:8931 a) 15 mm nominal bore: 15 mm nominal Each 2 bore.Make:Hindware,Cera,Jaquar etc.. Providing and fixing PTMT Bottle Trap for Wash basin and sink.Bottle trap 38mm single piece moulded with height of 270mm, effective length of tail pipe 260mm from 0 Each the centre of the waste coupling 77mm breadth with 25mm minimum water seal, weighing not less than 263gms. Providing and fixing trap of self cleansing design with screwed down orhinged grating with or without vent arm complete, including cost of cuttingand making good the walls 2 Each and floors:100 mm inlet and 100 mm outlet

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SCHEDULE V SCHEDULE OF WORK - SEHAL (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Sehal (Kangra District), Himachal Pradesh Specification Rate in Rs Amount in Rs Sl No Unit Quantity FALSE CEILING & CLADDING Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building, for all heights and all levels etc. including: Structural analysis & design and preparation of shop drawings for pressure equalisation or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design. Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metalic colour of approved shades made out of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified using stainless steel screws, nuts, bolts, washers, cleats, weather 6.00 Sam silicone sealant, backer rods etc. The fastening brackets of Aluminium alloy 6005 T5 MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specification and drawing The item includes cost of all material & labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding, cleaning and protection of the curtain wall with aluminium composite panel cladding till the handing over of the building for occupation. Base frame work for ACP cladding is payable under the relevant aluminium item.s The Contractor shall provide curtain wall with aluminium composite panel cladding, having all the performance characteristics all complete, as per the Architectural drawings, as per item description, as specified, as per the approved shop Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked M.S. Pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will be paid for Sqm 8.00 separately, all complete as per direction of Engineer-in-charge. Second class teak wood : 35 mm thick shutters Providing and Fixing Wooden false Ceiling comprising of a Galvanized MS frame as required covered with 12 mm thick Marine ply, followed by 6 mm premium quality MDF for making groove and finished with a natural veneer (as approved) of 3.5 mm thickness duly Spirit polished with melamine matt coating. The ceiling shall be fixed to 0 Sam the roof soffit with adequate suspenders. The item shall be inclusive of cutting & making cutouts for lights, diffusers etc all complete. (veneer with basic cost Upto Rs:100 per sft FOR site) **Total Civil Works** ELECTRICAL WORKS Point wiring in PVC conduit with modular type switch. Wiring for light point/fan point/exhaust fan point /call bell point with 1.5 sq mm FR PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit, with modular switch, modular plate, suitable PVC box and earthing the point with 1.5 sq.mm FR PVC insulated copper conductor single core cable etc as required. Point Group C 5 Wiring through PVC conduit Wiring for circuit/submain wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/recessed medium class PVC conduit as required.(Make:Havells/Finolex/V-guard/Polycab) 2X1.5 sq.mm + 1X1.5 sq.mm earth wire Metre 18 2X2.5 sq.mm + 1 X2.5 sq mm earth wire Metre 12 b 2X4 sq.mm + 1X4 sq.mm earth wire Metre 0 Telephone wiring in existing conduit: Supplying and drawing following pair 0.5 sq mm FR PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required. 2 Pair Metre

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Metre

15

4 x 10 sq.mm

SCHEDULE V SCHEDULE OF WORK - SEHAL (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Sehal (Kangra District), Himachal Pradesh Specification Quantity Amount in Rs Sl No Unit Rate in Rs Supply of 15W LED tube fitting sleek with decorative end cap, powder coated CRCA steel channel complete with all electrical accessories like electronic ballast, lamp holder, 4 Each 28W LED lamp etc complete as required. (Philips / Wipro /HAVELLS) Supply and installation of 18 W CFL with its all accessories.[ISI MAKE] 16 Each Supply and installation of 1200 mm sweep Ceiling fan, white colour, 5 star rated as per BEE complete with blades, down rod, shackle, canopy etc(Make Havells/bajaj/usha/V-Each 0 guard/crompton) Supply and installation EXHAUST FAN, SHUTTER TYPE white colour, 9" OR 10" star rated as per BEE complete with its all accessories(Make Havells/bajaj/usha/V-guard) 0 Each S/F of SPN MCB PDB Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) 4 way double door, horizontal type Each 1 0 6 way Double door, horizontal type Each 19.2 **S/F OF SP MCB** 6/10A SP MCB Each 2 S/F DP ISOLATOR Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, ISOLATOR having a sensitivity current upto 100 to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc, as required.(Make: Legrand/Havells/HPL) 32 AMPS Each 20 EARTHING Pipe earthing with G.I. earth pipe 2.5 metre, long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering Set 1 pipe etc. with charcoal/ coke and salt) as required complete. Preparation of all drawings submitting and getting approval from EB for extra load & 3phase connection with Meter, submitting of Completion certificates and arranging 21 inspection, getting sanction and energisation certificates etc. for commissioning of the Ls 0 whole installation in the premises. All statutory payments(inclusive) will be reimbursed on production of the original reciepts Miscellaneous Items 23.1 Miscellaneous electrical work, removing of existing conduits and interconnections of LS 0 light,6A socket/16A socket/A/C point from exisitng DB Total Electrical Works **Grand Total** Rs GST @ 18% Rs. Grand Total (In Rs. Incl. of taxes) Rs. I AGREE TO EXECUTE THE WORKS AS PER THE RATES QUOTED ABOVE

Signature of Contractor

SCHEDULE V SCHEDULE OF WORK - SHEILA (KANGRA DISTRICT) Sub: | Civil and Electrical works for setting up of Health Wellness Center at Sheila (Kangra District), Himachal Pradesh Unit Quantity Amount in Rs Sl No Specification Rate in Rs CIVIL WORKS EARTH WORK "Excavate foundation in all kinds of soil including soft rock except hard rock requiring blasting part return and fill in foundation and basement in layers not exceeding 15cm in depth including watering, breaking clods and consolidating, disposing and spreading surplus earth within the site upto 1.5m Cum 36.00 depth.(No extra shall be payable for working space) Tenderer to ensure proper dewatering and shoring methods to ensure all time dry condition. Any damages of sides of foundation or collapsing of soil from sides due to Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and 40.00 removal of rubbish up to a distance of 50 m outside the periphery of the area cleared. Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of serviceable Each 2.00 material and disposal of unserviceable material. Beyond 60 cm girth upto and Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited Cum 8.00 layer by ramming and watering, lead up to 50 m and lift upto 1.5 m. CEMENT CONCRETE Cement concrete 1:4:8 (1 cement ,4 sand , 8 hard blue granite stone metal 40mm and down gauge in layers not exceeding 15 cms in depth well Cum 6.00 consolidated in foundation and levelling course under floors including necessary R.C.C.WORK RCC M20 (Design Mix) using hard blue granite metal 20mm and down gauge including centering, shuttering, curing etc., compelete but excluding cost of In Foundation, Footing and bed blocks at all levels. Cum 2.00 b In Suspended roof slab of required thicknes Cum In Ground Floor Cum 7.00 С Providing, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete in lintels, beams and bressumers, including setting in Cum 8.00 cement mortar 1:3 (1 cement : 3 coarse sand), cost of required centering and shuttering but, excluding the cost of reinforcement, with 1:1.5:3 (1 cement: 1.5 "High Yield Strength Deformed bars in all RCC items & floorings General Note: Sizes of RCC elements shown in the drawing are only indicative and M.T 2.00 subject to change .No extra shall be payable on this account. Any change in size of concrete elements resulting in change of area of shuttering due to change in quantity MASONRY WORK Brickwork of locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in cement mortar 1:5 (1 cement,5 sand) in foundation and plinth. No extra payment will be paid for any shape or size, turnings, Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate Cum 2.00 20 mm nominal size) upto plinth level with: Cement mortar 1:6 (1 cement: 6 coarse 66mm overall thickness partition using 8mm thick double skin multipurpose cement

Sqm

98.00

board reinforced with cellulose fibre manufactured through autoclaving process

(High pressure steam cured) as per IS: 14862 with suitable fibre cement screws

11

SCHEDULE V SCHEDULE OF WORK - SHEILA (KANGRA DISTRICT) Sub: | Civil and Electrical works for setting up of Health Wellness Center at Sheila (Kangra District), Himachal Pradesh Amount in Rs Unit Quantity Sl No Specification Rate in Rs Half brickwork with locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in CM 1:3 (1 cement 3 sand) and reinforced with two numbers of 6mm dia. M.S rods at every fourth course 4.00 In Ground Floor Sqm FLOORING Providing & laying first class full body vitrified ceramic tile of make Kajaria/ Restile/Johnson or equivalent of size 600mmx600mmx 9.5mm or approved size of approved colour (matt finish) in flooring using spacer of required size (2mm-4mm) from endura or equivalent over a bed of cement mortar 1:4 of required thickness Sqm 42.00 to match finished floor level mentioned and to match the neighbouring floor finish and jointed with epoxy grout of approved shade from Bal Endura or equivalent brand all complete as directed.(Basic cost of tile - Rs.85/sft). Any difference in basic Providing and laying 600mm x 600mm or required size from Kajaria/ Restile/Johnson glazed tiles of plain series(Satin finish) in dado set in CM 1:3 with joints so as to form a true & even surface and joints finished neatly with white cement mixed with matching pigments all complete as directed. (Rate should include base plastering Sqm 28.00 with CM 1:5 of required thickness.) The rate shall include cost of providing 6mmx6mm groove in the plastering at top of the tile all complete as directed.(Basic cost of tile - Rs.85/sft). Any difference in Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 19.00 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. STEEL WORK Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel 0.02 dash fasteners, stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in incharge, (for payment purpose only weight of stainless steel members shall be considered Structural steel work riveted, bolted or welded in built up sections, trusses and 17 MT 0.10 framed work, including cutting, hoisting, fixing in position and applying a priming CARPENTRY WORK Providing and fixing factory made uPVC white colour casement/ casement cum fixed glazed windows comprising of uPVC multichampered frame, sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 \pm 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, stainless steel (SS 304 grade) friction hinges, zinc alloy (white powder coated) casement handles, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless 6.00 Sqm steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately) Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile

SCHEDULE V SCHEDULE OF WORK - SHEILA (KANGRA DISTRICT) Sub: | Civil and Electrical works for setting up of Health Wellness Center at Sheila (Kangra District), Himachal Pradesh Amount in Rs Unit Quantity Sl No Specification Rate in Rs 24 mm thick factory made PVC door shutters made of styles and rails of a uPVC hollow section of size 59x24 mm and wall thickness 2 mm (± 0.2 mm) with inbuilt edging on both sides. The styles and rails mitred and joint at the corners by means of M.S. galvanised/ plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 20x20 mm and 1 mm (\pm 0.1 mm) wall thickness. The lock rail made Sqm 4.00 up of 'H' section, a uPVC hollow section of size 100x24 mm and 2 mm (± 0.2 mm) wall thickness, fixed to the shutter styles by means of plastic/galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (± 0.1 mm) wall thickness. The panels filled vertically and tie bar at two places by inserting Providing and fixing cup board shutters 25 mm thick, with Pre-laminated flat pressed three layer particle board or graded wood particle board IS: 12823 marked, exterior grade (Grade 1 Type II), having one side decorative lamination and other side Sqm 5.00 balancing lamination, including IInd class teak wood lipping of 25 mm wide x12 mm thick with necessary screws and bright finished stainless steel piano hinges, complete ROOFING "Supplying and embedding P.V.C rain water pipes of approved quality embedded inside the RC columns/masonry in position with all necessary specials like shoes, bends or any other specials required to suit site conditions etc., R M 12.00 jointed with wavin cement and lubricants with necessary MS clamps, brackets ,bolts and nuts all complete as directed. PLASTERING Prepare surfaces and plaster with CM 1:3(1 cement, 3 sand) ,12mm minimum thick (sponge finish) to ceiling sides and soffit of beams and columns and 44.00 other interior and exterior RCC surfaces not contiguous to masonry. Prepare surfaces and plaster with CM 1:5(1 cement, 5 sand) ,12mm minimum thick to all interior faces of walls (sponge finish) including RCC surfaces not Sqm contiguous to masonry. Necessary internal grooves of size 10mmx10mm shall be PAINTING Prepare surfaces and paint two coats of plastic emulsion paint of approved colour over two coats of Gypsum punning of 6 mm minimum thick and primer all Sqm complete as per manufacturers specifications to all ceilings in all floors. Finishing with oil bound washable Interior Emulsion of approved brand and 25 126.00 Sqm manufacture to give an even shade: New work (two or more coats) over and Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more Sqm 21.00 coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10 Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or 27 12.00 more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ Providing and applying plaster of paris putty of 2 mm thickness over plastered 126.00 28 Sqm surface to prepare the surface even and smooth complete. Removing white or colour wash by scrapping and sand papering and preparing the 29 Sqm surface smooth including necessary repairs to scratches etc. complete Finishing with Deluxe Multi surface paint system for exteriors using Primer as per Sqm 178.00 manufacturers specifications: Two or more coats applied on walls @ 1.25 ltr/10 sqm DISMANTLING Dismantling plastered brickwalls in cement mortar including cleaning, stacking 1.00 the useful materials as directed by engineer-in-charge and dumping the dismantled Cum debris as indicated at site, levelling, consolidating, all complete as directed and Dismantling the existing RCC concrete including cutting the reinforcement,

1.00

stacking the useful materials as directed by engineer-in-charge, dumping the

dismantled debris as indicated at site, leveling, consolidating, all complete as directed

SCHEDULE V SCHEDULE OF WORK - SHEILA (KANGRA DISTRICT) Sub: | Civil and Electrical works for setting up of Health Wellness Center at Sheila (Kangra District), Himachal Pradesh Sl No Specification Unit Quantity Amount in Rs Rate in Rs 33 Dismantling Tile Flooring and Walls and disposing the debris away from site all 2.00 Sqm **PATHWAY** Providing and laying cement concrete paver blocks of thick 80mm made out of M25 design mix of shape and profile as approved by architect .The rate should include cost of necessary excavation, COARSE SAND upto a depth of 50mm pointing in CM 1:3 all complete as directed.(For purpose of payment total laid area in length multiplied by width in plan will be paid.) Tenderer to submit necessary PLUMBING 35 Providing and fixing gun metal gate valve with C.I. wheel of approved quality -Sqm 2 Providing and fixing C.P. brass angle valve for basin mixer and geyserpoints of Each 2 approved quality conforming to IS:8931 a) 15 mm nominal bore: 15 mm nominal Providing and fixing PTMT Bottle Trap for Wash basin and sink.Bottle trap 38mm single piece moulded with height of 270mm, effective length of tail pipe 260mm Each from the centre of the waste coupling 77mm breadth with 25mm minimum water seal, Providing and fixing trap of self cleansing design with screwed down orhinged Each 2 grating with or without vent arm complete, including cost of cuttingand making good Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand: 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick Each with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat Providing and fixing square - mouth PVC. Gully trap grade "A" complete with CI 0 grating brick masonry chamber with water tight tight CI cover with frame of 300 x Each 300mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be Providing and fixing white vitreous china pedestal type water closet(European type W.C. pan) with seat and lid, 10 litre low level white P.V.C.flushing cistern, including Each 2 flush pipe, with manually controlled device(handle lever), conforming to IS: 7231, with all fittings and fixturescomplete, including cutting and making good the walls Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brasspillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, Each 2 cutting and making good the walls whereverrequire: White Vitreous China Wash basin size 630x450 mm with apair of 15 mm C.P. brass pillar taps Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of 20 mm nominal outer dia .Pipes Metre 0 32 mm nominal outer dia Pipes Metre 0 50 mm nominal outer dia Pipes Metre 0 Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as perIS: 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the wallswherever required ::(Lowest retail price Kitchen sink without drain board, Size -610x510 mm bowl depth 200 mm Each Providing and fixing PVC Waste pipe for sink or wash basin including PVC waste 3 Each fittings complete.:Semi rigid pipe 32mm dia

SCHEDULE V SCHEDULE OF WORK - SHEILA (KANGRA DISTRICT) Sub: Civil and Electrical works for setting up of Health Wellness Center at Sheila (Kangra District), Himachal Pradesh Unit Quantity Amount in Rs Sl No Specification Rate in Rs Providing and fixing CP Waste coupling for wash basin and sink of approved quality, colour and make. Waste coupling 31mm of 79mm length and 62mm breadth, Each 3 weighing not less than 45 gms. Make: Hindware, Jaquar etc.., Extra for providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/stone work, Each 1 including necessary holes for pillar taps etc. including moulding, rubbing and polishing of cut edges etc. complete. Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved Each 2 quality) complete with 6 mm thick hard board ground fixed to wooden cleats with Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats 2 with CP brass screws with concealed fitting arrangement of approved quality and Each colour. 600mm long towel rail with total length of 645mm, width 78mm and effective Providing and fixing PTMT liquid soap container 109mm wide, 125mm high and 112mm distance from wall of standard shape with bracket of the same materials with 2 snap fittings of approved quality and colour. weighing not less than 105 gms. Providing & fixing of CP Health faucet. Hand operated spray unit (instand type) Set 2 Providing and fixing PVC pipes for water supply arrangements including cost pipes. fittings, solvent cement,testing of pipes, labour charges etc complete : Concealed work including cutting chases and making good the wall etc 20mm dia. PVC pipe Metre 10 25mm dia. PVC pipe 20 b Metre 32mm dia. PVC pipe Metre 0 Providing and fixing CP grating of 6mm thick with rim including setting in floor with white cement mortar and making good the floor 125mm dia Each 2 Providing and fixing PVC soil, waste and vent pipe to IS: 13592 of SWR quality including all fittings, like: Bends, Tees, Elbows, Collars, junction, inspection doors, cowls, offsets, access pipes, jointing with rubber ring / solvent cement by application of leak proof adhesive like FRP paste including cutting holes in walls and floors and 50mm dia Metre 0 a 110mm dia Metre 12 **CURTAIN WORK** 1. Two range of curtain cloth - Type 1 - II. Both for doors, windows and partions. 3. Assorted colours plain & prints 4.Stitched as per site/ size requirement 5. Minor modifications in stitching as per site/ size requirement 6.Preferred colour (Brown, Cream, Beige) 7. Curtain price (including cloth & curtain rod) to be quoted in Squre metre 8. Stitching for each curtain to be absorb in the price of the cloth generally 2 meters. 9.Fast colours, water wash 10.Fabric density Non Transparent Composition 11. Fabric of curtain shall be soft texture, great shading, drape effect and nice dobby. 12. The bracket shall be side mounted and front mounted as required 13. First rod mount is 3.5 inches from the wall. 14. Where curtain used as a partition/ long length, sufficient support from ceiling should be provided to avoid sagging. 15.Rate quoted for fully stitched Curtain with top nepha with punch holes after lining bucramreinforced with SS / PVC islets and lower nepha 200mm double turned. Type -I (Surgical Curtain) Curtain fabric weight shall be up to 275-300 (±5%) gsm Composition of fabric shall 10 Sqm be polyester yarn I.E. 300 denier fast colour sink age shall be (±5%) Weft and warp

SCHEDULE V SCHEDULE OF WORK - SHEILA (KANGRA DISTRICT) Sub: | Civil and Electrical works for setting up of Health Wellness Center at Sheila (Kangra District), Himachal Pradesh Sl No Specification Unit Quantity Amount in Rs Rate in Rs Type - II (Window & Door Curtain) Curtain fabric weight shall be up to 250-275 (±5%) gsm Composition of fabric shall Sqm 0 be polyester yarn I.E. 300 denier fast colour sink age shall be (±5%) Weft and warp FALSE CEILING & CLADDING Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building, for all heights and all levels etc. including: Structural analysis & design and preparation of shop drawings for pressure equalisation or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design. Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metalic colour of approved shades made out of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based 6.00 fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc. The fastening brackets of Aluminium alloy 6005 T5 / MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specification and drawing The item includes cost of all material & labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding, cleaning and protection of the curtain wall with aluminium composite panel cladding till the handing over of the building for occupation. Base frame work for ACP Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked M.S. Pressed butt hinges bright finished of 8 00 Sam required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. Second class teak Providing and Fixing Wooden false Ceiling comprising of a Galvanized MS frame as required covered with 12 mm thick Marine ply, followed by 6 mm premium quality 0 MDF for making groove and finished with a natural veneer (as approved) of 3.5 mm Sqm thickness duly Spirit polished with melamine matt coating. The ceiling shall be fixed to the roof soffit with adequate suspenders. The item shall be inclusive of cutting & **Total Civil Works** ELECTRICAL WORKS Point wiring in PVC conduit with modular type switch. Wiring for light point/fan point/exhaust fan point /call bell point with 1.5 sq mm FR PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit, with modular switch, modular plate, suitable PVC box and earthing the point with 1.5 sq.mm FR PVC insulated copper conductor single core cable etc as Group C Point Wiring through PVC conduit Wiring for circuit/submain wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/recessed medium class PVC conduit as required.(Make:Havells/Finolex/V-guard/Polycab) 2X1.5 sq.mm + 1X1.5 sq.mm earth wire Metre 18 2X2.5 sq.mm + 1 X2.5 sq mm earth wire Metre 12 2X4 sq.mm + 1X4 sq.mm earth wire Metre 0 Telephone wiring in existing conduit: Supplying and drawing following pair 0.5 sq mm FR PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC Metre 2 Pair 0 A/C point S/F 20A SPN MCB industrial socket outlet: Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 amps "C" curve, SP, MCB, in 1 sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as

SCHEDULE V SCHEDULE OF WORK - SHEILA (KANGRA DISTRICT) Sub: | Civil and Electrical works for setting up of Health Wellness Center at Sheila (Kangra District), Himachal Pradesh Amount in Rs Sl No Specification Unit Quantity Rate in Rs Modular type blanking plate: Supplying and fixing modular blanking plate on the existing modular plate & switch Each 3 box excluding modular plate as required.(Make: Legrand/Havells/HPL) Modular boxes, bases & cover plate: Supplying and fixing following size/modules, GI box along with modular base & cover plate for modular switches in recess etc as required.(Make: 2 module Each a Each b 3 module 4 c 4 module Each 1 d 6 module Each 2 8 module Each 0 12 module Each 0 Modular type switch/socket: Supplying and fixing following modular switch/socket on the existing modular plate & switch box including connections but excluding modular plate etc as required 5/6 Amps switch Each 6 a 3 pin 5/6 Amp socket outlet Each 6 b 15/16 Amps switch Each 2 c d 6pin 15/16 Amps (universal) socket outlet Each 0 Telephone socket outlet e Each S/F PVC conduit: Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in 20 mm Metre 20 25 mm Metre 15 b ITC Fluorescent fitting directly on surface: Installation, testing and commissioning of pre-wired, fluorescent fitting / compact 4 fluorescent fitting/LED of all types, complete with all accessories and tube etc. directly on ceiling/ wall, including connection with 1.5 sq. mm FR PVC insulated Each ITC Ceiling fan: 0 Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FR PVC insulated, copper Supplying and fixing two module stepped type electronic fan regulator on the 0 existing modular plate switch box including connections but excluding modular plate LAYING OF CABLES CABLE LAYING Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1kV grade of following size clamped on wall surface with 1mm thick FROM Mains TO DB Metre 15 4 X 10 sq.mm 13 END TERMINATION Supply and making end termination with brass compression gland, earth clip and aluminium lugs for following size of PVC insulated and PVC sheathed/XLPE 4 X 10 sq.mm Each 2 14 CABLE SUPPLY Supplying the following PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade as per CPWD standards as required. (Make:Havells/ 4 x 10 sq.mm Metre 15 SUB TOTAL A Supply of 15W LED tube fitting sleek with decorative end cap, powder coated CRCA steel channel complete with all electrical accessories like electronic ballast, lamp Each 4 holder, 28W LED lamp etc complete as required. (Philips / Wipro /HAVELLS) Supply and installation of 18 W CFL with its all accessories.[ISI MAKE] 16 Each Supply and installation of 1200 mm sweep Ceiling fan, white colour, 5 star rated as 0 Each per BEE complete with blades, down rod, shackle, canopy etc(Make Supply and installation EXHAUST FAN, SHUTTER TYPE white colour, 9" OR 10'

star rated as per BEE complete with its all accessories(Make Havells/bajaj/usha/V-

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Each

SCHEDULE V SCHEDULE OF WORK - SHEILA (KANGRA DISTRICT) Sub: Civil and Electrical works for setting up of Health Wellness Center at Sheila (Kangra District), Himachal Pradesh Unit Quantity Amount in Rs Sl No Specification Rate in Rs S/F of SPN MCB PDB Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) 4 way double door, horizontal type Each 1 6 way Double door, horizontal type Each 0 19.2 **S/F OF SP MCB** 6/10A SP MCB Each 19.3 **S/F DP ISOLATOR** Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, ISOLATOR having a sensitivity current upto 100 to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc, as Each 32 AMPS 1 20 EARTHING Pipe earthing with G.I. earth pipe 2.5 metre, long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and Set 1 watering pipe etc. with charcoal/coke and salt) as required complete. Preparation of all drawings submitting and getting approval from EB for extra load & 3phase connection with Meter, submitting of Completion certificates and arranging Ls 0 inspection, getting sanction and energisation certificates etc. for commissioning of the whole installation in the premises. All statutory payments(inclusive) will be Miscellaneous Items Miscellaneous electrical work, removing of existing conduits and interconnections of LS 0 light,6A socket/16A socket/A/C point from exisitng DB **Total Electrical Works Grand Total** Rs. **GST @ 18%** Rs. Grand Total (In Rs. Incl. of taxes) Rs. I AGREE TO EXECUTE THE WORKS AS PER THE RATES QUOTED ABOVE

Signature of Contractor

SCHEDULE V SCHEDULE OF WORK - SIDBHARI (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Sidbhari (Kangra District), Himachal Pradesh Specification Sl No Unit Quantity Rate in Rs Amount in Rs CIVIL WORKS EARTH WORK "Excavate foundation in all kinds of soil including soft rock except hard rock requiring blasting part return and fill in foundation and basement in layers not exceeding 15cm in depth including watering, breaking clods and consolidating, disposing and spreading surplus earth within the site upto 1.5m depth.(No extra shall be payable for working space) Cum 36.00 Tenderer to ensure proper dewatering and shoring methods to ensure all time dry condition. Any damages of sides of foundation or collapsing of soil from sides due to excessive water seepage or surface runoff or any other cause have to be replaced with quarry dust or Malaimann at no extra cost." Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees 40.00 and saplings of girth up to 30 cm measured at a height of 1 m above ground level Sqm and removal of rubbish up to a distance of 50 m outside the periphery of the area Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of 0 Each serviceable material and disposal of unserviceable material. Beyond 60 cm girth upto and including 120 cm girth Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each Cum 12.00 deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m. CEMENT CONCRETE Cement concrete 1:4:8 (1 cement ,4 sand , 8 hard blue granite stone metal 40mm and down gauge in layers not exceeding 15 cms in depth well Cum 6.00 consolidated in foundation and levelling course under floors including necessary shuttering, in steps etc all complete as directed. R.C.C.WORK "RCC M20 (Design Mix) using hard blue granite metal 20mm and down gauge including centering, shuttering, curing etc., compelete but excluding 6 cost of reinforcement Note: Polythene sheet shall be provided under the slabs." In Foundation, Footing and bed blocks at all levels. Cum 2.00 b In Suspended roof slab of required thicknes Cum 0 9.00 In Ground Floor Cum Providing, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete in lintels, beams and bressumers, including setting in cement mortar 1:3 (1 cement : 3 coarse sand), cost of required centering and 8.00 shuttering but, excluding the cost of reinforcement, with 1:1.5:3 (1 cement: 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size) "High Yield Strength Deformed bars in all RCC items & floorings General Note: Sizes of RCC elements shown in the drawing are only indicative and subject to change .No extra shall be payable on this account. Any change in МТ 2.00 size of concrete elements resulting in change of area of shuttering due to change in quantity of concrete shall also not be payable"" MASONRY WORK Brickwork of locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in cement mortar 1:5 (1 cement,5 sand) Cum 0 in foundation and plinth. No extra payment will be paid for any shape or size,turnings, fins, etc unless otherwise specified seperately.

SCHEDULE V								
SCHEDULE OF WORK - SIDBHARI (KANGRA DISTRICT)								
Sub:	Civil and Electrical works for setting up of Health Wellness Cente Pradesh	cal works for setting up of Health Wellness Center at Sidbhari (Kangra District), Himachal						
Sl No	Specification	Unit	Quantity	Rate in Rs	Amount in Rs			
10	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) upto plinth level with : Cement mortar 1:6	Cum	0					
11	66mm overall thickness partition using 8mm thick double skin multipurpose cement board reinforced with cellulose fibre manufactured through autoclaving process (High pressure steam cured) as per IS: 14862 with suitable fibre cement	Sqm	98.00					
12	Half brickwork with locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in CM 1:3 (1 cement 3 sand) and reinforced with two numbers of 6mm dia. M.S rods at every fourth course embedded in cement mortar 1:4 for partitions. In Ground Floor	Sqm	4.00					
	FLOORING	Sqiii						
13	Providing & laying first class full body vitrified ceramic tile of make Kajaria/ Restile/Johnson or equivqlent of size 600mmx600mmx 9.5mm or approved size of approved colour (matt finish) in flooring using spacer of required size (2mm-4mm) from endura or equivalent over a bed of cement mortar 1:4 of required thickness to match finished floor level mentioned and to match the neighbouring floor finish and jointed with epoxy grout of approved shade from Bal Endura or equivalent brand all complete as directed.(Basic cost of tile - Rs.85/sft). Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area. No extra shall be payable for forming any pattern in the flooring like	Sqm	42.00					
14	Providing and laying 600mm x 600mm or required size from Kajaria/ Restile/Johnson glazed tiles of plain series(Satin finish) in dado set in CM 1:3 with joints so as to form a true & even surface and joints finished neatly with white cement mixed with matching pigments all complete as directed. (Rate should include base plastering with CM 1:5 of required thickness.) The rate shall include cost of providing 6mmx6mm groove in the plastering at top of the tile all complete as directed. (Basic cost of tile - Rs.85/sft). Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area. No extra shall be payable for forming any pattern like border, etc.	Sqm	28.00					
15	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite of any colour and shade. Area of slab	Sqm	19.00					
	STEEL WORK							
16	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in incharge, (for payment purpose only weight of stainless steel members shall be considered	МТ	0.02					
17	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	MT	0.10					

SCHEDULE V SCHEDULE OF WORK - SIDBHARI (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Sidbhari (Kangra District), Himachal Pradesh Specification Sl No Unit Quantity Rate in Rs Amount in Rs CARPENTRY WORK Providing and fixing factory made uPVC white colour casement/ casement cum fixed glazed windows comprising of uPVC multichampered frame, sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, stainless steel (SS 304 grade) friction hinges, zinc alloy (white powder coated) casement handles, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame & sash shall be mitred 18 cut and fusion welded at all corners, mullion (if required) shall be also fusion 6.00 welded including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineerin-Charge. (Single / double glass panes and silicon sealant shall be paid separately) Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable. Casement window double panels with top fixed with S.S. friction hinges (350 x 19 x 1.9 mm) made of (small series) frame 47 x 50 mm, sash 47 x 68 mm & 24 mm thick factory made PVC door shutters made of styles and rails of a uPVC hollow section of size 59x24 mm and wall thickness 2 mm (± 0.2 mm) with inbuilt edging on both sides. The styles and rails mitred and joint at the corners by means of M.S. galvanised/ plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 20x20 mm and 1 mm (± 0.1 mm) wall 4.00 thickness. The lock rail made up of 'H' section, a uPVC hollow section of size Sqm 100x24 mm and 2 mm (± 0.2 mm) wall thickness, fixed to the shutter styles by means of plastic/galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (± 0.1 mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's Providing and fixing cup board shutters 25 mm thick, with Pre-laminated flat pressed three layer particle board or graded wood particle board IS: 12823 marked, exterior grade (Grade 1 Type 11), having one side decorative lamination 5.00 Sam and other side balancing lamination, including IInd class teak wood lipping of 25 mm wide x12 mm thick with necessary screws and bright finished stainless steel piano hinges, complete as per direction of the Engineer-in-Charge ""Supplying and embedding P.V.C rain water pipes of approved quality embedded inside the RC columns/masonry in position with all necessary specials like shoes, bends or any other specials required to suit site conditions etc., jointed with wavin cement and lubricants with necessary R M 12.00 MS clamps, brackets , bolts and nuts all complete as directed. 110mm dia-6kg/sq.cm" PLASTERING Prepare surfaces and plaster with CM 1:3(1 cement, 3 sand) ,12mm minimum 44.00 thick (sponge finish) to ceiling sides and soffit of beams and columns Sam and other interior and exterior RCC surfaces not contiguous to masonry. Prepare surfaces and plaster with CM 1:5(1 cement, 5 sand) ,12mm minimum thick to all interior faces of walls (sponge finish) including RCC surfaces 0 Sqm not contiguous to masonry. Necessary internal grooves of size 10mmx10mm shall be carried out as shown/directed by engineer-in-charge.

SCHEDULE V SCHEDULE OF WORK - SIDBHARI (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Sidbhari (Kangra District), Himachal Pradesh Specification Sl No Unit Quantity Rate in Rs Amount in Rs PAINTING Prepare surfaces and paint two coats of plastic emulsion paint of approved colour over two coats of Gypsum punning of 6 mm minimum thick and primer Sqm 0 all complete as per manufacturers specifications to all ceilings in all floors. Finishing with oil bound washable Interior Emulsion of approved brand and 126.00 manufacture to give an even shade: New work (two or more coats) over and Sqm including water thinnable priming coat with cement primer Painting wood work with Deluxe Multi Surface Paint of required shade. Two or 26 more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 21.00 Sqm ltr/10 sqm of approved brand and manufacture Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two 2.7 12.00 or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ Sqm 0.80 ltr/ 10 sqm of approved brand and manufacture Providing and applying plaster of paris putty of 2 mm thickness over plastered 28 Sqm 126.00 surface to prepare the surface even and smooth complete. Removing white or colour wash by scrapping and sand papering and preparing Sqm the surface smooth including necessary repairs to scratches etc. complete Finishing with Deluxe Multi surface paint system for exteriors using Primer as 30 Sqm 178.00 per manufacturers specifications: Two or more coats applied on walls @ 1.25 DISMANTLING Dismantling plastered brickwalls in cement mortar including cleaning stacking the useful materials as directed by engineer-in-charge and dumping the Cum 1.00 dismantled debris as indicated at site, levelling, consolidating, all complete as directed and disposing the debris away from site all complete as directed. Dismantling the existing RCC concrete including cutting the reinforcement stacking the useful materials as directed by engineer-in-charge, dumping the 1.00 Cum dismantled debris as indicated at site, leveling, consolidating, all complete as directed and disposal of debris away from site all complete. Dismantling Tile Flooring and Walls and disposing the debris away from site all 2.00 Sqm complete as directed. PATHWAY Providing and laying cement concrete paver blocks of thick 80mm made out of M25 design mix of shape and profile as approved by architect .The rate should include cost of necessary excavation, COARSE SAND upto a depth of 0 Sqm 50mm pointing in CM 1:3 all complete as directed.(For purpose of payment total laid area in length multiplied by width in plan will be paid.) Tenderer to submit necessary pamphlets along with tender. PLUMBING 2 Providing and fixing gun metal gate valve with C.I. wheel of approved quality -Sqm Providing and fixing C.P. brass angle valve for basin mixer and geyserpoints of 36 approved quality conforming to IS:8931 a) 15 mm nominal bore: 15 mm nominal Each 2. bore.Make:Hindware,Cera,Jaquar etc. Providing and fixing PTMT Bottle Trap for Wash basin and sink.Bottle trap 38mm single piece moulded with height of 270mm, effective length of tail pipe 37 0 Each 260mm from the centre of the waste coupling 77mm breadth with 25mm minimum water seal, weighing not less than 263gms. Providing and fixing trap of self cleansing design with screwed down orhinged grating with or without vent arm complete, including cost of cuttingand making Each 2 good the walls and floors:100 mm inlet and 100 mm outlet

SCHEDULE V SCHEDULE OF WORK - SIDBHARI (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Sidbhari (Kangra District), Himachal Pradesh Specification Sl No Unit Quantity Rate in Rs Amount in Rs Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand: 8 graded stone aggregate 40 mm nominal size), inside plastering Each 0 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design: With Providing and fixing square - mouth PVC. Gully trap grade "A" complete with CI grating brick masonry chamber with water tight tight CI cover with frame of 40 Each 0 300 x 300mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design Providing and fixing white vitreous china pedestal type water closet(European type W.C. pan) with seat and lid, 10 litre low level white P.V.C.flushing cistern, including flush pipe, with manually controlled device(handle lever), conforming 2 to IS: 7231, with all fittings and fixturescomplete, including cutting and making good the walls and floors wherever required :W.C. pan with ISI marked white Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brasspillar taps. 32 mm C.P. brass waste of standard pattern, including painting of fittings and Each 2 brackets, cutting and making good the walls whereverrequire: White Vitreous China Wash basin size 630x450 mm with apair of 15 mm C.P. brass pillar taps Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes 43 jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work including cutting chases and 20 mm nominal outer dia .Pipes 0 Metre 32 mm nominal outer dia Pipes Metre 0 50 mm nominal outer dia Pipes Metre 0 Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as perIS: 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the wallswherever required ::(Lowest retail price of sink not less than Rs. 3150) Kitchen sink without drain board, Size -610x510 mm bowl depth 200 mm Each 1 Providing and fixing PVC Waste pipe for sink or wash basin including PVC 45 waste fittings complete.:Semi rigid pipe 32mm dia Each 3 Providing and fixing CP Waste coupling for wash basin and sink of approved quality, colour and make. Waste coupling 31mm of 79mm length and 62mm 3 Each breadth, weighing not less than 45 gms. Make: Hindware, Jaquar etc.., Extra for providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/stone 47 work, including necessary holes for pillar taps etc. including moulding, rubbing Each 1 and polishing of cut edges etc. complete. Providing and fixing 600x450 mm beveled edge mirror of superior glass (of 2 approved quality) complete with 6 mm thick hard board ground fixed to wooden Each cleats with C.P. brass screws and washers complete.

SCHEDULE V						
	SCHEDULE OF WORK - SIDBHARI (KANGRA DISTRICT)					
Sub:	Civil and Electrical works for setting up of Health Wellness Center at Sidbhari (Kangra District), Himach Pradesh					
Sl No	Specification	Unit	Quantity	Rate in Rs	Amount in Rs	
49	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved quality and colour. 600mm long towel rail with total length of 645mm, width 78mm and effective height of 88mm, weighing not less than 190gms.	Each	2			
50	Providing and fixing PTMT liquid soap container 109mm wide, 125mm high and 112mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour. weighing not less than 105	Each	2			
51	Providing & fixing of CP Health faucet. Hand operated spray unit (instand type)	Set	2			
52	Providing and fixing PVC pipes for water supply arrangements including cost pipes, fittings, solvent cement,testing of pipes, labour charges etc complete: Concealed work including cutting chases and making good the wall etc					
a	20mm dia. PVC pipe	Metre	10			
b	25mm dia. PVC pipe	Metre	20			
С	32mm dia. PVC pipe	Metre	0			
53	Providing and fixing CP grating of 6mm thick with rim including setting in floor with white cement mortar and making good the floor					
	125mm dia	Each	2			
54	Providing and fixing PVC soil, waste and vent pipe to IS: 13592 of SWR quality including all fittings, like: Bends, Tees, Elbows, Collars, junction, inspection doors, cowls, offsets, access pipes, jointing with rubber ring / solvent cement by application of leak proof adhesive like FRP paste including cutting holes in walls and floors and making good. Make:Supreme,Finolex,Prince etc,					
a	50mm dia	Metre	0			
b	110mm dia	Metre	12			
	CURTAIN WORK					
	CURTAIN WORK					
	1.Two range of curtain cloth – Type 1 - II.					
	2. Both for doors, windows and partions.					
	3. Assorted colours plain & prints					
	4.Stitched as per site/ size requirement					
	5.Minor modifications in stitching as per site/ size requirement					
	6.Preferred colour (Brown, Cream, Beige)					
	7. Curtain price (including cloth & curtain rod) to be quoted in Squre metre					
	8.Stitching for each curtain to be absorb in the price of the cloth generally 2 9.Fast colours, water wash					
	10.Fabric density Non Transparent Composition					
	11. Fabric of curtain shall be soft texture, great shading, drape effect and nice					
	12. The bracket shall be side mounted and front mounted as required					
	13. First rod mount is 3.5 inches from the wall.					
	14. Where curtain used as a partition/ long length, sufficient support from ceiling should be provided to avoid sagging.					
	15.Rate quoted for fully stitched Curtain with top nepha with punch holes after lining bucramreinforced with SS / PVC islets and lower nepha 200mm double					
55	Type -I (Surgical Curtain) Curtain fabric weight shall be up to 275-300 (±5%) gsm Composition of fabric shall be polyester yarn I.E. 300 denier fast colour sink age shall be (±5%) Weft and warp shall be polyester / cotton polyester mix	Sqm	10			
5.6	Tune H (Window & Door Chartein)		-			
56	Type - II (Window & Door Curtain) Curtain fabric weight shall be up to 250-275 (±5%) gsm Composition of fabric shall be polyester yarn I.E. 300 denier fast colour sink age shall be (±5%) Weft and warp shall be polyester / cotton polyester mix	Sqm	0			

SCHEDULE V SCHEDULE OF WORK - SIDBHARI (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Sidbhari (Kangra District), Himachal Pradesh Specification Sl No Unit Quantity Rate in Rs Amount in Rs FALSE CEILING & CLADDING Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building, for all heights and all levels etc. including: Structural analysis & design and preparation of shop drawings for pressure equalisation or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metalic colour of approved shades made out of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 6.00 Sqm as specified using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc. The fastening brackets of Aluminium alloy 6005 T5 / MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specification and drawing The item includes cost of all material & labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding, cleaning and protection of the curtain wall with aluminium composite panel cladding till the handing over of the building for occupation. Base frame work for ACP cladding is payable under the relevant aluminium item.s The Contractor shall provide curtain wall with aluminium composite panel cladding, having all Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked M.S. Pressed butt hinges bright 58 8.00 finished of required size with necessary screws, excluding panelling which will Sqm be paid for separately, all complete as per direction of Engineer-in-charge. Second class teak wood: 35 mm thick shutters Providing and Fixing Wooden false Ceiling comprising of a Galvanized MS frame as required covered with 12 mm thick Marine ply, followed by 6 mm premium quality MDF for making groove and finished with a natural veneer (as Sam 0 approved) of 3.5 mm thickness duly Spirit polished with melamine matt coating. The ceiling shall be fixed to the roof soffit with adequate suspenders. The item shall be inclusive of cutting & making cutouts for lights, diffusers etc all Total Civil Works ELECTRICAL WORKS Point wiring in PVC conduit with modular type switch. Wiring for light point/fan point/exhaust fan point /call bell point with 1.5 sq mm FR PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit, with modular switch, modular plate, suitable PVC box and earthing the point with 1.5 sq.mm FR PVC insulated copper conductor single core cable etc as required. 5 Group C Point Wiring through PVC conduit Wiring for circuit/submain wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/recessed medium class PVC conduit as required.(Make:Havells/Finolex/V-guard/Polycab) 18 2X1.5 sq.mm + 1X1.5 sq.mm earth wire Metre 2X2.5 sq.mm + 1 X2.5 sq mm earth wire12 h Metre 2X4 sq.mm + 1X4 sq.mm earth wire Metre 0 Telephone wiring in existing conduit: Supplying and drawing following pair 0.5 sq mm FR PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required. 2 Pair Metre

SCHEDULE V SCHEDULE OF WORK - SIDBHARI (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Sidbhari (Kangra District), Himachal Pradesh Specification Amount in Rs Sl No Unit Quantity Rate in Rs A/C point S/F 20A SPN MCB industrial socket outlet: Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 amps "C" curve, SP, Point 1 MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.(Make: Legrand/Havells/HPL) Modular type blanking plate: Supplying and fixing modular blanking plate on the existing modular plate & 3 Each switch box excluding modular plate as required.(Make: Legrand/Havells/HPL) Modular boxes, bases & cover plate: Supplying and fixing following size/modules, GI box along with modular base & cover plate for modular switches in recess etc as required.(Make: 2 module Each Each 4 3 module 4 module Each 1 6 module 2 Each 0 8 module Each 12 module Each 0 Modular type switch/socket: Supplying and fixing following modular switch/socket on the existing modular plate & switch box including connections but excluding modular plate etc as required. (Make: Legrand/Havells/HPL) 5/6 Amps switch a Each 6 b 3 pin 5/6 Amp socket outlet Each 6 15/16 Amps switch Each 6pin 15/16 Amps (universal) socket outlet 2 Each Telephone socket outlet Each 0 8 S/F PVC conduit: Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.(ISI Make) 20 mm 20 Metre 25 mm Metre 15 ITC Fluorescent fitting directly on surface: Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting/LED of all types, complete with all accessories and tube etc. 4 Each directly on ceiling/ wall, including connection with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable and earthing etc. as required. ITC Ceiling fan: Installation, testing and commissioning of ceiling fan, including wiring the down Each 0 rods of standard length (upto 30 cm) with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable etc. as required. Supplying and fixing two module stepped type electronic fan regulator on the 0 existing modular plate switch box including connections but excluding modular Each plate etc. as required. LAYING OF CABLES CABLE LAYING Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1kV grade of following size clamped on wall surface with 1mm thick saddles as required complete. FROM Mains TO DB 4 X 10 sq.mm Metre 15 13 END TERMINATION Supply and making end termination with brass compression gland, earth clip and aluminium lugs for following size of PVC insulated and PVC sheathed/XLPE aluminium conductor cable fo 1.1KV grade as required. 4 X 10 sq.mm Each 2.

SCHEDULE V SCHEDULE OF WORK - SIDBHARI (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Sidbhari (Kangra District), Himachal Pradesh Specification Sl No Unit Quantity Rate in Rs Amount in Rs CABLE SUPPLY Supplying the following PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade as per CPWD standards as required. (Make:Havells/ Glostar/Nicco/Finolex/Polycab) 4 x 10 sq.mm Metre 15 Supply of 15W LED tube fitting sleek with decorative end cap, powder coated CRCA steel channel complete with all electrical accessories like electronic 4 ballast, lamp holder, 28W LED lamp etc complete as required. (Philips / Wipro Supply and installation of 18 W CFL with its all accessories.[ISI MAKE] 16 Each Supply and installation of 1200 mm sweep Ceiling fan, white colour, 5 star rated 0 as per BEE complete with blades, down rod, shackle, canopy etc(Make Each Havells/bajaj/usha/V-guard/crompton) Supply and installation EXHAUST FAN, SHUTTER TYPE white colour, 9" OR 0 Each 10" star rated as per BEE complete with its all accessories(Make S/F of SPN MCB PDB 19 Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) 4 way double door, horizontal type Each 1 6 way Double door, horizontal type Each 0 S/F OF SP MCB 6/10A SP MCB 2 Each S/F DP ISOLATOR Supplying and fixing following rating, double pole, (single phase and neutral). 240 volts, ISOLATOR having a sensitivity current upto 100 to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc, as required.(Make: Legrand/Havells/HPL) Each 32 AMPS 1 EARTHING Pipe earthing with G.I. earth pipe 2.5 metre, long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking Set 1 arrangement and watering pipe etc. with charcoal/coke and salt) as required Preparation of all drawings submitting and getting approval from EB for extra load & 3phase connection with Meter, submitting of Completion certificates and arranging inspection, getting sanction and energisation certificates etc. for Ls 0 commissioning of the whole installation in the premises. All statutory payments(inclusive) will be reimbursed on production of the original reciepts. Miscellaneous Items Miscellaneous electrical work, removing of existing LS 0 interconnections of light,6A socket/16A socket/A/C point from exisitng DB Miscellaneous electrical work, removing of existing conduits LS 0 23.1 interconnections of light,6A socket/16A socket/A/C point from exisitng DB Total Electrical Works **Grand Total** Rs. GST @ 18% Rs. Grand Total (In Rs. Incl. of taxes) Rs. I AGREE TO EXECUTE THE WORKS AS PER THE RATES QUOTED ABOVE

Signature of Contractor

SCHEDULE V SCHEDULE OF WORK - SUKKA (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Sukka (Kangra District), Himachal Sub: **Pradesh** Sl No Specification Unit Quantity Rate in Rs Amount in Rs CIVIL WORKS **EARTH WORK** "Excavate foundation in all kinds of soil including soft rock except hard rock requiring blasting part return and fill in foundation and basement in layers not exceeding 15cm in depth including watering, breaking clods and consolidating, disposing and spreading surplus earth within the site upto 1.5m depth.(No extra shall be payable for working space) 1 Cum 36.00 Tenderer to ensure proper dewatering and shoring methods to ensure all time dry condition. Any damages of sides of foundation or collapsing of soil from sides due to excessive water seepage or surface runoff or any other cause have to be replaced with quarry dust or Malaimann at no extra cost." Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above Sqm 40.00 ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared. Felling trees of the girth (measured at a height of 1 m above ground level). including cutting of trunks and branches, removing the roots and stacking of Each 0 serviceable material and disposal of unserviceable material. Beyond 60 cm girth upto and including 120 cm girth Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each 12.00 deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m. CEMENT CONCRETE Cement concrete 1:4:8 (1 cement ,4 sand , 8 hard blue granite stone metal 40mm and down gauge in layers not exceeding 15 cms in Cum 6.00 depth well consolidated in foundation and levelling course under floors including necessary shuttering, in steps etc all complete as directed. R.C.C.WORK "RCC M20 (Design Mix) using hard blue granite metal 20mm and down gauge including centering, shuttering, curing etc., compelete but 6 excluding cost of reinforcement Note: Polythene sheet shall be provided under the slabs." In Foundation, Footing and bed blocks at all levels. 3.00 Cum 0 b In Suspended roof slab of required thicknes Cum In Ground Floor Cum 9.00 Providing, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete in lintels, beams and bressumers, including setting in cement mortar 1:3 (1 cement : 3 coarse sand), cost of required centering Cum 8.00 and shuttering but, excluding the cost of reinforcement, with 1:1.5:3 (1 cement: 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal "High Yield Strength Deformed bars in all RCC items & floorings General Note: Sizes of RCC elements shown in the drawing are only 8 indicative and subject to change .No extra shall be payable on this account. M.T 2.00 Any change in size of concrete elements resulting in change of area of shuttering due to change in quantity of concrete shall also not be payable""

SCHEDULE V SCHEDULE OF WORK - SUKKA (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Sukka (Kangra District), Himachal Sub: Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs MASONRY WORK Brickwork of locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in cement mortar 1:5 (1 Cum 0 cement,5 sand) in foundation and plinth. No extra payment will be paid for any shape or size, turnings, fins, etc unless otherwise specified seperately. Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 10 Cum 2.00 graded stone aggregate 20 mm nominal size) upto plinth level with: Cement mortar 1:6 (1 cement : 6 coarse sand) 66mm overall thickness partition using 8mm thick double skin multipurpose cement board reinforced with cellulose fibre manufactured through Sqm 98.00 autoclaving process (High pressure steam cured) as per IS: 14862 with suitable fibre cement screws Half brickwork with locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in CM 1:3 (1 cement 3 sand) and reinforced with two numbers of 6mm dia. M.S rods at every fourth course embedded in cement mortar 1:4 for partitions. In Ground Floor Sqm 4.00 FLOORING Providing & laying first class full body vitrified ceramic tile of make Kajaria/ Restile/Johnson or equivalent of size 600mmx600mmx 9.5mm or approved size of approved colour (matt finish) in flooring using spacer of required size (2mm-4mm) from endura or equivalent over a bed of cement mortar 1:4 of required thickness to match finished floor level mentioned and to 13 42.00 Sqm match the neighbouring floor finish and jointed with epoxy grout of approved shade from Bal Endura or equivalent brand all complete as directed.(Basic cost of tile - Rs.85/sft). Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area. No extra shall be payable for forming any pattern in the flooring like border, cut tiles, etc. Providing and laying 600mm x 600mm or required size from Kajaria/ Restile/Johnson glazed tiles of plain series(Satin finish) in dado set in CM 1:3 with joints so as to form a true & even surface and joints finished neatly with white cement mixed with matching pigments all complete as directed. (Rate should include base plastering with CM 1:5 of required thickness.) 14 28.00 Sqm The rate shall include cost of providing 6mmx6mm groove in the plastering at top of the tile all complete as directed. (Basic cost of tile - Rs.85/sft). Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area. No extra shall be payable for forming any pattern like border, Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse 15 19.00 Sqm sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite of any colour and shade. Area of slab over 0.50 sqm

SCHEDULE V SCHEDULE OF WORK - SUKKA (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Sukka (Kangra District), Himachal Sub: **Pradesh** Sl No Specification Unit Quantity Rate in Rs Amount in Rs STEEL WORK Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of 0.02 required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in incharge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.). Structural steel work riveted, bolted or welded in built up sections, trusses 17 and framed work, including cutting, hoisting, fixing in position and applying 0.10 a priming coat of approved steel primer all complete. CARPENTRY WORK Providing and fixing factory made uPVC white colour casement/ casement cum fixed glazed windows comprising of uPVC multichampered frame, sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, stainless steel (SS 304 grade) friction hinges, zinc alloy (white powder coated) casement handles, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing 18 hardware's and drainage of water etc. After fixing frame the gap between 6.00 Sqm frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately) Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable. Casement window double panels with top fixed with S.S. friction hinges (350 x 19 x 1.9 mm) made of (small series) frame 47 x 50 mm, sash 47 x 68 mm & mullion 47 x 68 mm all having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area of window upto 2.50 sqm). 24 mm thick factory made PVC door shutters made of styles and rails of a uPVC hollow section of size 59x24 mm and wall thickness 2 mm (± 0.2 mm) with inbuilt edging on both sides. The styles and rails mitred and joint at the corners by means of M.S. galvanised/ plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 20x20 mm and 1 mm (± 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x24 mm and 2 mm (± 0.2 mm) wall thickness, 4.00 Sam fixed to the shutter styles by means of plastic/galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (\pm 0.1 mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge. (For W.C. and bathroom door shutter).

SCHEDULE V SCHEDULE OF WORK - SUKKA (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Sukka (Kangra District), Himachal Sub: Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Providing and fixing cup board shutters 25 mm thick, with Pre-laminated flat pressed three layer particle board or graded wood particle board IS: 12823 marked, exterior grade (Grade 1 Type 11), having one side decorative 20 lamination and other side balancing lamination, including IInd class teak Sqm 5.00 wood lipping of 25 mm wide x12 mm thick with necessary screws and bright finished stainless steel piano hinges, complete as per direction of the Engineerin-Charge ROOFING ""Supplying and embedding P.V.C rain water pipes of approved quality embedded inside the RC columns/masonry in position with all necessary specials like shoes, bends or any other specials required to suit site 21 conditions etc., jointed with wavin cement and lubricants with necessary R.M 12.00 MS clamps, brackets , bolts and nuts all complete as directed. 110mm dia-6kg/sq.cm" PLASTERING Prepare surfaces and plaster with CM 1:3(1 cement, 3 sand) ,12mm minimum thick (sponge finish) to ceiling sides and soffit of beams 22 Sqm 44.00 and columns and other interior and exterior RCC surfaces not contiguous to masonry. Prepare surfaces and plaster with CM 1:5(1 cement, 5 sand) ,12mm minimum thick to all interior faces of walls (sponge finish) including 23 RCC surfaces not contiguous to masonry. Necessary internal grooves of Sqm 0 size 10mmx10mm shall be carried out as shown/directed by engineer-incharge. PAINTING Prepare surfaces and paint two coats of plastic emulsion paint of approved colour over two coats of Gypsum punning of 6 mm minimum thick 24 Sqm 0 and primer all complete as per manufacturers specifications to all ceilings in all floors. Finishing with oil bound washable Interior Emulsion of approved brand and 25 manufacture to give an even shade: New work (two or more coats) over and Sqm 126.00 including water thinnable priming coat with cement primer Painting wood work with Deluxe Multi Surface Paint of required shade. Two 26 or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied 21.00 Sqm @0.75 ltr/10 sqm of approved brand and manufacture Painting Steel work with Deluxe Multi Surface Paint to give an even shade. 27 Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer Sqm 12.00 applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture Providing and applying plaster of paris putty of 2 mm thickness over 28 Sqm 126.00 plastered surface to prepare the surface even and smooth complete. Removing white or colour wash by scrapping and sand papering and 29 preparing the surface smooth including necessary repairs to scratches etc. Sqm 0 complete Finishing with Deluxe Multi surface paint system for exteriors using Primer 178.00 30 as per manufacturers specifications: Two or more coats applied on walls @ Sqm 1.25 ltr/10 sqm

SCHEDULE V SCHEDULE OF WORK - SUKKA (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Sukka (Kangra District), Himachal Sub: Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs DISMANTLING Dismantling plastered brickwalls in cement mortar including cleaning, stacking the useful materials as directed by engineer-in-charge and dumping 31 Cum 1.00 the dismantled debris as indicated at site, levelling, consolidating, all complete as directed and disposing the debris away from site all complete as Dismantling the existing RCC concrete including cutting reinforcement, stacking the useful materials as directed by engineer-in-32 Cum 1.00 charge, dumping the dismantled debris as indicated at site, leveling, consolidating, all complete as directed and disposal of debris away from Dismantling Tile Flooring and Walls and disposing the debris away from site 33 Sqm 2.00 all complete as directed. PATHWAY Providing and laying cement concrete paver blocks of thick 80mm made out of M25 design mix of shape and profile as approved by architect .The rate should include cost of necessary excavation, COARSE SAND upto a 34 Sqm 0 depth of 50mm pointing in CM 1:3 all complete as directed.(For purpose of payment total laid area in length multiplied by width in plan will be paid.) Tenderer to submit necessary pamphlets along with tender. PLUMBING Providing and fixing gun metal gate valve with C.I. wheel of approved 35 Sqm 2 quality -25MM Providing and fixing C.P. brass angle valve for basin mixer and geyserpoints 36 of approved quality conforming to IS:8931 a) 15 mm nominal bore: 15 mm 2 nominal bore.Make:Hindware,Cera,Jaquar etc.. Providing and fixing PTMT Bottle Trap for Wash basin and sink.Bottle trap 38mm single piece moulded with height of 270mm, effective length of tail 37 Each 0 pipe 260mm from the centre of the waste coupling 77mm breadth with 25mm minimum water seal, weighing not less than 263gms. Providing and fixing trap of self cleansing design with screwed down orhinged grating with or without vent arm complete, including cost of 38 Each 2 cuttingand making good the walls and floors :100 mm inlet and 100 mm outlet Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse 0 Each sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design: With common burnt clay F.P.S designation 7.5 Providing and fixing square - mouth PVC. Gully trap grade "A" complete with CI grating brick masonry chamber with water tight tight CI cover with 40 Each 0 frame of 300 x 300mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design

SCHEDULE V SCHEDULE OF WORK - SUKKA (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Sukka (Kangra District), Himachal Sub: Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Providing and fixing white vitreous china pedestal type closet(European type W.C. pan) with seat and lid, 10 litre low level white P.V.C.flushing cistern, including flush pipe, with manually controlled 41 Each 2 device(handle lever), conforming to IS: 7231, with all fittings and fixturescomplete, including cutting and making good the walls and floors wherever required :W.C. pan with ISI marked white solid plastic seat and lid Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brasspillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings 42 and brackets, cutting and making good the walls whereverrequire:White Each 2 Vitreous China Wash basin size 630x450 mm with apair of 15 mm C.P. brass pillar taps Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This 43 includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge.Concealed work including cutting chases and making good the walls etc 20 mm nominal outer dia .Pipes Metre 0 32 mm nominal outer dia Pipes Metre 0 Metre 0 50 mm nominal outer dia Pipes Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as perIS: 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the wallswherever required ::(Lowest retail price of sink not less than Rs. 3150) Kitchen sink without drain board, Size -610x510 mm bowl depth 200 mm Each 1 Providing and fixing PVC Waste pipe for sink or wash basin including PVC 45 waste fittings complete.:Semi rigid pipe 32mm dia Each 3 Providing and fixing CP Waste coupling for wash basin and sink of approved quality, colour and make. Waste coupling 31mm of 79mm length and 62mm 46 Each 3 breadth, weighing not less than 45 gms. Make: Hindware, Jaquar etc.., Extra for providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in marble/ 47 Granite/stone work, including necessary holes for pillar taps etc. including Each 1 moulding, rubbing and polishing of cut edges etc. complete. Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to 48 Each 2 wooden cleats with C.P. brass screws and washers complete. Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of 49 approved quality and colour. 600mm long towel rail with total length of 2 645mm, width 78mm and effective height of 88mm, weighing not less than 190gms. Providing and fixing PTMT liquid soap container 109mm wide, 125mm high and 112mm distance from wall of standard shape with bracket of the same Each 2 materials with snap fittings of approved quality and colour, weighing not less

SCHEDULE V SCHEDULE OF WORK - SUKKA (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Sukka (Kangra District), Himachal Sub: Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Providing & fixing of CP Health faucet. Hand operated spray unit (instand 51 Set 2 Providing and fixing PVC pipes for water supply arrangements including cost 52 pipes, fittings, solvent cement, testing of pipes, labour charges etc complete : Concealed work including cutting chases and making good the wall etc 20mm dia. PVC pipe Metre 10 a b 25mm dia. PVC pipe Metre 20 32mm dia. PVC pipe Metre 0 С Providing and fixing CP grating of 6mm thick with rim including setting in 53 floor with white cement mortar and making good the floor 125mm dia Each 2 Providing and fixing PVC soil, waste and vent pipe to IS: 13592 of SWR quality including all fittings, like: Bends, Tees, Elbows, Collars, junction, inspection doors, cowls, offsets, access pipes, jointing with rubber ring / 54 solvent cement by application of leak proof adhesive like FRP paste including cutting holes in walls and floors and making Make:Supreme,Finolex,Prince etc.., 50mm dia Metre 0 110mm dia Metre 12 **CURTAIN WORK** 1.Two range of curtain cloth - Type 1 - II. 2. Both for doors, windows and partions. 3. Assorted colours plain & prints 4.Stitched as per site/ size requirement 5. Minor modifications in stitching as per site/ size requirement 6.Preferred colour (Brown, Cream, Beige) 7. Curtain price (including cloth & curtain rod) to be quoted in Squre metre 8. Stitching for each curtain to be absorb in the price of the cloth generally 2 meters. 9.Fast colours, water wash 10. Fabric density Non Transparent Composition 11. Fabric of curtain shall be soft texture, great shading, drape effect and nice dobby 12. The bracket shall be side mounted and front mounted as required 13. First rod mount is 3.5 inches from the wall. 14. Where curtain used as a partition/ long length, sufficient support from ceiling should be provided to avoid sagging. 15.Rate quoted for fully stitched Curtain with top nepha with punch holes after lining bucramreinforced with SS / PVC islets and lower nepha 200mm double turned. Type -I (Surgical Curtain) Curtain fabric weight shall be up to 275-300 (±5%) gsm Composition of fabric shall be polyester yarn I.E. 300 denier fast colour sink age shall be Sqm 10 (±5%) Weft and warp shall be polyester / cotton polyester mix Type - II (Window & Door Curtain) Curtain fabric weight shall be up to 250-275 (±5%) gsm Composition of 0 fabric shall be polyester yarn I.E. 300 denier fast colour sink age shall be Sqm (±5%) Weft and warp shall be polyester / cotton polyester mix

SCHEDULE V SCHEDULE OF WORK - SUKKA (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Sukka (Kangra District), Himachal Sub: Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs FALSE CEILING & CLADDING Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building, for all heights and all levels etc. including: Structural analysis & design and preparation of shop drawings for pressure equalisation or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design. Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metalic colour of approved shades made out of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 57 6.00 Sqm and polymer (Service) coating on face # 2 as specified using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc. The fastening brackets of Aluminium alloy 6005 T5 / MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specification and drawing The item includes cost of all material & labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding, cleaning and protection of the curtain wall with aluminium composite panel cladding till the handing over of the building for occupation. Base frame work for ACP cladding is payable under the relevant aluminium Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked M.S. Pressed butt 58 hinges bright finished of required size with necessary screws, excluding Sqm 8.00 panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. Second class teak wood: 35 mm thick shutters Providing and Fixing Wooden false Ceiling comprising of a Galvanized MS frame as required covered with 12 mm thick Marine ply, followed by 6 mm premium quality MDF for making groove and finished with a natural veneer 59 (as approved) of 3.5 mm thickness duly Spirit polished with melamine matt Sqm 0 coating. The ceiling shall be fixed to the roof soffit with adequate suspenders. The item shall be inclusive of cutting & making cutouts for lights, diffusers etc all complete. (veneer with basic cost Upto Rs:100 per sft FOR site) Total Civil Works **ELECTRICAL WORKS** Point wiring in PVC conduit with modular type switch. Wiring for light point/fan point/exhaust fan point /call bell point with 1.5 sq mm FR PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit, with modular switch, modular plate, suitable PVC box and earthing the point with 1.5 sq.mm FR PVC insulated copper conductor single core cable etc as required. 5 Point Group C Wiring through PVC conduit Wiring for circuit/submain wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in PVC surface/recessed medium class conduit required.(Make:Havells/Finolex/V-guard/Polycab) 2X1.5 sq.mm + 1X1.5 sq.mm earth wire Metre 18 2X2.5 sq.mm + 1 X2.5 sq mm earth wire Metre 12 b $2X4 \overline{\text{sq.mm}} + 1X4 \overline{\text{sq.mm}}$ earth wire Metre 0 c

SCHEDULE V SCHEDULE OF WORK - SUKKA (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Sukka (Kangra District), Himachal Sub: Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Telephone wiring in existing conduit: Supplying and drawing following pair 0.5 sq mm FR PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required. Metre 0 2 Pair A/C point 4 S/F 20A SPN MCB industrial socket outlet: Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 amps "C" curve, Point 1 SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.(Make: Legrand/Havells/HPL) Modular type blanking plate: Supplying and fixing modular blanking plate on the existing modular plate & modular required.(Make: 3 box excluding plate Each Legrand/Havells/HPL) Modular boxes, bases & cover plate: Supplying and fixing following size/modules, GI box along with modular base & cover plate for modular switches in recess etc as required.(Make: Legrand/Havells/HPL) 2 module Each a 4 b 3 module Each 1 4 module Each d 6 module Each 2 8 module Each 0 e f 12 module Each 0 Modular type switch/socket: Supplying and fixing following modular switch/socket on the existing modular plate & switch box including connections but excluding modular plate etc as required. (Make: Legrand/Havells/HPL) 5/6 Amps switch Each 6 a b 3 pin 5/6 Amp socket outlet Each 6 15/16 Amps switch Each 2 d 6pin 15/16 Amps (universal) socket outlet Each Each 0 Telephone socket outlet 8 S/F PVC conduit: Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.(ISI Make) 20 mm Metre 20 a Metre 15 25 mm b ITC Fluorescent fitting directly on surface: Installation, testing and commissioning of pre-wired, fluorescent fitting compact fluorescent fitting/LED of all types, complete with all accessories 4 and tube etc. directly on ceiling/ wall, including connection with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable and earthing etc. as Each required. ITC Ceiling fan: Installation, testing and commissioning of ceiling fan, including wiring the 0 down rods of standard length (upto 30 cm) with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable etc. as required. 11 Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding 0 Each modular plate etc. as required.

SCHEDULE V SCHEDULE OF WORK - SUKKA (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Sukka (Kangra District), Himachal Sub: Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs 12 LAYING OF CABLES CABLE LAYING Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1kV grade of following size clamped on wall surface with 1mm thick saddles as required complete. FROM Mains TO DB a 4 X 10 sq.mm Metre 15 END TERMINATION Supply and making end termination with brass compression gland, earth clip and aluminium lugs for following size of PVC insulated and PVC sheathed/XLPE aluminium conductor cable fo 1.1KV grade as required. Each 2 4 X 10 sq.mm CABLE SUPPLY 14 Supplying the following PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade as per CPWD standards as required. (Make:Havells/ Glostar/Nicco/Finolex/Polycab) Metre 15 4 x 10 sq.mm Supply of 15W LED tube fitting sleek with decorative end cap, powder coated CRCA steel channel complete with all electrical accessories like 4 electronic ballast, lamp holder, 28W LED lamp etc complete as required. (Philips / Wipro /HAVELLS) 16 Supply and installation of 18 W CFL with its all accessories.[ISI MAKE] Each 1 Supply and installation of 1200 mm sweep Ceiling fan, white colour, 5 star rated as per BEE complete with blades, down rod, shackle, canopy etc(Make 0 Havells/bajaj/usha/V-guard/crompton) Supply and installation EXHAUST FAN, SHUTTER TYPE white colour, 9 OR 10" star rated as per BEE complete with its all accessories(Make Each 0 Havells/bajaj/usha/V-guard) S/F of SPN MCB PDB Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) 4 way double door, horizontal type Each 1 0 b 6 way Double door, horizontal type Each 19.2 S/F OF SP MCB 6/10A SP MCB Each 2 19.3 S/F DP ISOLATOR Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, ISOLATOR having a sensitivity current upto 100 to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc, as required.(Make: Legrand/Havells/HPL) 32 AMPS Each 1 **EARTHING** Pipe earthing with G.I. earth pipe 2.5 metre, long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking 1 arrangement and watering pipe etc. with charcoal/ coke and salt) as required complete. Preparation of all drawings submitting and getting approval from EB for extra load & 3phase connection with Meter, submitting of Completion certificates 2.1 and arranging inspection, getting sanction and energisation certificates etc. for 0 commissioning of the whole installation in the premises. All statutory payments(inclusive) will be reimbursed on production of the original reciepts.

	,	SCHEDULE OF WORK - SUKKA (KANGRA DISTRICT)					
Sub:	Civil and Electrical works for setting up of Health Wellness Center at Sukka (Kangra District), Himachal Pradesh						
Sl No S	Specification	Unit	Quantity	Rate in Rs	Amount in R		
23 N	Miscellaneous Items						
	Miscellaneous electrical work, removing of existing conduits and interconnections of light,6A socket/16A socket/A/C point from exisiting DB	LS	0				
Т	Total Electrical Works						
(Grand Total			Rs.			
GST @ 18%				Rs.			
Grand Total (In Rs. Incl. of taxes)				Rs.			

Signature of Contractor

SCHEDULE V SCHEDULE OF WORK - TARA (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Tara (Kangra District), Himachal **Pradesh** Sl No Specification Unit Quantity Rate in Rs Amount in Rs CIVIL WORKS EARTH WORK "Excavate foundation in all kinds of soil including soft rock except hard rock requiring blasting part return and fill in foundation and basement in layers not exceeding 15cm in depth including watering, breaking clods and consolidating, disposing and spreading surplus earth within the site upto 1.5m depth.(No extra shall be payable for working space) 36.00 Cum Tenderer to ensure proper dewatering and shoring methods to ensure all time dry condition. Any damages of sides of foundation or collapsing of soil from sides due to excessive water seepage or surface runoff or any other cause have to be replaced with quarry dust or Malaimann at no extra cost." Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level Sam 40.00 and removal of rubbish up to a distance of 50 m outside the periphery of the area Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of 0 Each serviceable material and disposal of unserviceable material. Beyond 60 cm girth upto and including 120 cm girth Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each Cum 12.00 deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m. CEMENT CONCRETE Cement concrete 1:4:8 (1 cement ,4 sand , 8 hard blue granite stone metal 40mm and down gauge in layers not exceeding 15 cms in depth well 6.00 Cum consolidated in foundation and levelling course under floors including necessary shuttering, in steps etc all complete as directed. R.C.C.WORK "RCC M20 (Design Mix) using hard blue granite metal 20mm and down gauge including centering, shuttering, curing etc., compelete but excluding cost of reinforcement Note: Polythene sheet shall be provided under the slabs." In Foundation, Footing and bed blocks at all levels. Cum 2.00 a In Suspended roof slab of required thicknes Cum 0 In Ground Floor 11.00 Cum c Providing, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete in lintels, beams and bressumers, including setting in cement mortar 1:3 (1 cement : 3 coarse sand), cost of required centering and Cum 8.00 shuttering but, excluding the cost of reinforcement, with 1:1.5:3 (1 cement: 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size) "High Yield Strength Deformed bars in all RCC items & floorings General Note: Sizes of RCC elements shown in the drawing are only indicative and subject to change .No extra shall be payable on this account. Any change in M.T 2.00 size of concrete elements resulting in change of area of shuttering due to change in quantity of concrete shall also not be payable""

Cum

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Brickwork of locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in cement mortar 1:5 (1 cement, 5 sand)

in foundation and plinth. No extra payment will be paid for any shape or

size, turnings, fins, etc unless otherwise specified seperately.

MASONRY WORK

SCHEDULE V SCHEDULE OF WORK - TARA (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Tara (Kangra District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded Cum 2.00 stone aggregate 20 mm nominal size) upto plinth level with : Cement mortar 1:6 (1 cement : 6 coarse sand) 66mm overall thickness partition using 8mm thick double skin multipurpose cement board reinforced with cellulose fibre manufactured through autoclaving 98.00 Sqm process (High pressure steam cured) as per IS: 14862 with suitable fibre cement screws Half brickwork with locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in CM 1:3 (1 cement 3 sand) and reinforced with two numbers of 6mm dia. M.S rods at every fourth course embedded in cement mortar 1:4 for partitions. 4.00 In Ground Floor Sqm FLOORING Providing & laying first class full body vitrified ceramic tile of make Kajaria/ Restile/Johnson or equivqlent of size 600mmx600mmx 9.5mm or approved size of approved colour (matt finish) in flooring using spacer of required size (2mm-4mm) from endura or equivalent over a bed of cement mortar 1:4 of required thickness to match finished floor level mentioned and to match the neighbouring Sqm 42.00 floor finish and jointed with epoxy grout of approved shade from Bal Endura or equivalent brand all complete as directed.(Basic cost of tile - Rs.85/sft).Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area. No extra shall be payable for forming any pattern in the flooring like border, cut tiles.etc. Providing and laying 600mm x 600mm or required size from Kajaria/ Restile/Johnson glazed tiles of plain series(Satin finish) in dado set in CM 1:3 with joints so as to form a true & even surface and joints finished neatly with white cement mixed with matching pigments all complete as directed. (Rate should include base plastering with CM 1:5 of required thickness.) 28.00 Sam The rate shall include cost of providing 6mmx6mm groove in the plastering at top of the tile all complete as directed.(Basic cost of tile - Rs.85/sft). Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area. No extra shall be payable for forming any pattern like border, etc. Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints Sqm 19.00 treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite of any colour and shade. Area of slab over 0.50 sqm STEEL WORK Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes. channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top MT 0.02 of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in incharge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).

SCHEDULE V SCHEDULE OF WORK - TARA (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Tara (Kangra District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Structural steel work riveted, bolted or welded in built up sections, trusses and MT 0.10 framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. CARPENTRY WORK Providing and fixing factory made uPVC white colour casement/ casement cum fixed glazed windows comprising of uPVC multichampered frame, sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, stainless steel (SS 304 grade) friction hinges, zinc alloy (white powder coated) casement handles, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After 6.00 fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately) Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable. Casement window double panels with top fixed with S.S. friction hinges (350 x 19 x 1.9 mm) made of (small series) frame 47 x 50 mm, sash 47 x 68 mm & mullion 47 x 68 mm all having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area of window upto 2.50 sqm). 24 mm thick factory made PVC door shutters made of styles and rails of a uPVC hollow section of size 59x24 mm and wall thickness 2 mm (± 0.2 mm) with inbuilt edging on both sides. The styles and rails mitred and joint at the corners by means of M.S. galvanised/ plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 20x20 mm and 1 mm (± 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size Sqm 4.00 100x24 mm and 2 mm (± 0.2 mm) wall thickness, fixed to the shutter styles by means of plastic/galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (± 0.1 mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge. (For W.C. and bathroom door Providing and fixing cup board shutters 25 mm thick, with Pre-laminated flat pressed three layer particle board or graded wood particle board IS: 12823 marked, exterior grade (Grade 1 Type 11), having one side decorative lamination Sqm 5.00 and other side balancing lamination, including IInd class teak wood lipping of 25 mm wide x12 mm thick with necessary screws and bright finished stainless steel piano hinges, complete as per direction of the Engineer-in-Charge ROOFING "Supplying and embedding P.V.C rain water pipes of approved quality embedded inside the RC columns/masonry in position with all necessary specials like shoes, bends or any other specials required to suit site conditions etc., jointed with wavin cement and lubricants with necessary MS R.M 12.00 clamps, brackets, bolts and nuts all complete as directed. 110mm dia-6kg/sq.cm" PLASTERING Prepare surfaces and plaster with CM 1:3(1 cement, 3 sand),12mm minimum thick (sponge finish) to ceiling sides and soffit of beams and columns 44.00 and other interior and exterior RCC surfaces not contiguous to masonry.

SCHEDULE V SCHEDULE OF WORK - TARA (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Tara (Kangra District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Prepare surfaces and plaster with CM 1:5(1 cement, 5 sand) ,12mm minimum thick to all interior faces of walls (sponge finish) including RCC surfaces Sqm not contiguous to masonry. Necessary internal grooves of size 10mmx10mm shall be carried out as shown/directed by engineer-in-charge. PAINTING Prepare surfaces and paint two coats of plastic emulsion paint of approved colour over two coats of Gypsum punning of 6 mm minimum thick and primer all Sam 0 complete as per manufacturers specifications to all ceilings in all floors. Finishing with oil bound washable Interior Emulsion of approved brand and manufacture to give an even shade: New work (two or more coats) over and 126.00 Sqm including water thinnable priming coat with cement primer Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 21.00 ltr/10 sqm of approved brand and manufacture Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 12.00 Sqm 0.80 ltr/ 10 sqm of approved brand and manufacture Providing and applying plaster of paris putty of 2 mm thickness over plastered 28 Sqm 126.00 surface to prepare the surface even and smooth complete. Removing white or colour wash by scrapping and sand papering and preparing the Sqm surface smooth including necessary repairs to scratches etc. complete Finishing with Deluxe Multi surface paint system for exteriors using Primer as per manufacturers specifications: Two or more coats applied on walls @ 1.25 ltr/10 178.00 DISMANTLING Dismantling plastered brickwalls in cement mortar including cleaning, stacking the useful materials as directed by engineer-in-charge and dumping the 1.00 dismantled debris as indicated at site, levelling, consolidating, all complete as directed and disposing the debris away from site all complete as directed. Dismantling the existing RCC concrete including cutting the reinforcement, stacking the useful materials as directed by engineer-in-charge, dumping the Cum 1.00 dismantled debris as indicated at site, leveling, consolidating, all complete as directed and disposal of debris away from site all complete. Dismantling Tile Flooring and Walls and disposing the debris away from site all Sqm 33 2.00 complete as directed. PATHWAY Providing and laying cement concrete paver blocks of thick 80mm made out of M25 design mix of shape and profile as approved by architect .The rate should include cost of necessary excavation, COARSE SAND upto a depth of 50mm Sqm 0 pointing in CM 1:3 all complete as directed.(For purpose of payment total laid area in length multiplied by width in plan will be paid.) Tenderer to submit necessary pamphlets along with tender. PLUMBING Providing and fixing gun metal gate valve with C.I. wheel of approved quality 35 Sqm 2

SCHEDULE V SCHEDULE OF WORK - TARA (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Tara (Kangra District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Providing and fixing C.P. brass angle valve for basin mixer and geyserpoints of approved quality conforming to IS:8931 a) 15 mm nominal bore: 15 mm nominal Each 2 bore.Make:Hindware,Cera,Jaquar etc.. Providing and fixing PTMT Bottle Trap for Wash basin and sink. Bottle trap 38mm single piece moulded with height of 270mm, effective length of tail pipe Each 0 260mm from the centre of the waste coupling 77mm breadth with 25mm minimum water seal, weighing not less than 263gms. Providing and fixing trap of self cleansing design with screwed down orhinged grating with or without vent arm complete, including cost of cuttingand making 2 good the walls and floors: 100 mm inlet and 100 mm outlet Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand: 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating 0 coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design: With common burnt clay F.P.S designation 7.5 Providing and fixing square - mouth PVC. Gully trap grade "A" complete with CI grating brick masonry chamber with water tight tight CI cover with frame of Each 0 300 x 300mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design Providing and fixing white vitreous china pedestal type water closet(European type W.C. pan) with seat and lid, 10 litre low level white P.V.C.flushing cistern, including flush pipe, with manually controlled device(handle lever), conforming Each 2 to IS: 7231, with all fittings and fixturescomplete, including cutting and making good the walls and floors wherever required :W.C. pan with ISI marked white solid plastic seat and lid Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brasspillar taps. 32 mm C.P. brass waste of standard pattern, including painting of fittings and Each 2 brackets, cutting and making good the walls whereverrequire: White Vitreous China Wash basin size 630x450 mm with apair of 15 mm C.P. brass pillar taps Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work including cutting chases and making good the walls etc 20 mm nominal outer dia .Pipes Metre 0 32 mm nominal outer dia Pipes Metre 0 50 mm nominal outer dia Pipes Metre 0 Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as perIS: 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the wallswherever required ::(Lowest retail price of sink not less than Rs. 3150) Kitchen sink without drain board, Size -610x510 mm bowl depth 200 mm Each 1 Providing and fixing PVC Waste pipe for sink or wash basin including PVC waste fittings complete.:Semi rigid pipe 32mm dia Each 3

SCHEDULE V SCHEDULE OF WORK - TARA (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Tara (Kangra District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Providing and fixing CP Waste coupling for wash basin and sink of approved quality, colour and make. Waste coupling 31mm of 79mm length and 62mm Each 3 breadth, weighing not less than 45 gms. Make: Hindware, Jaquar etc.., Extra for providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/stone work, including necessary holes for pillar taps etc. including moulding, rubbing Each 1 and polishing of cut edges etc. complete. Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden 2 Each cleats with C.P. brass screws and washers complete Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved Each 2 quality and colour. 600mm long towel rail with total length of 645mm, width 78mm and effective height of 88mm, weighing not less than 190gms. Providing and fixing PTMT liquid soap container 109mm wide, 125mm high and 112mm distance from wall of standard shape with bracket of the same materials Each 2 with snap fittings of approved quality and colour, weighing not less than 105 gms Providing & fixing of CP Health faucet. Hand operated spray unit (instand type) Set Providing and fixing PVC pipes for water supply arrangements including cost pipes, fittings, solvent cement,testing of pipes, labour charges etc complete Concealed work including cutting chases and making good the wall etc 20mm dia. PVC pipe Metre 10 a 25mm dia. PVC pipe Metre 20 b 32mm dia. PVC pipe Metre 0 Providing and fixing CP grating of 6mm thick with rim including setting in floor with white cement mortar and making good the floor 125mm dia Each 2 Providing and fixing PVC soil, waste and vent pipe to IS: 13592 of SWR quality including all fittings, like: Bends, Tees, Elbows, Collars, junction, inspection doors, cowls, offsets, access pipes, jointing with rubber ring / solvent cement by application of leak proof adhesive like FRP paste including cutting holes in walls and floors and making good. Make:Supreme,Finolex,Prince etc. 50mm dia Metre 0 110mm dia 12 b Metre CURTAIN WORK 1.Two range of curtain cloth - Type 1 - II. 2. Both for doors, windows and partions. 3. Assorted colours plain & prints 4. Stitched as per site/ size requirement 5.Minor modifications in stitching as per site/ size requirement 6.Preferred colour (Brown, Cream, Beige) 7. Curtain price (including cloth & curtain rod) to be quoted in Squre metre 8. Stitching for each curtain to be absorb in the price of the cloth generally 2 9. Fast colours, water wash 10.Fabric density Non Transparent Composition 11. Fabric of curtain shall be soft texture, great shading, drape effect and nice 12. The bracket shall be side mounted and front mounted as required 13. First rod mount is 3.5 inches from the wall.

SCHEDULE V SCHEDULE OF WORK - TARA (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Tara (Kangra District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs 14. Where curtain used as a partition/ long length, sufficient support from ceiling should be provided to avoid sagging. 15.Rate quoted for fully stitched Curtain with top nepha with punch holes after lining bucramreinforced with SS / PVC islets and lower nepha 200mm double 55 Type -I (Surgical Curtain) Curtain fabric weight shall be up to 275-300 (±5%) gsm Composition of fabric shall be polyester yarn I.E. 300 denier fast colour sink age shall be (±5%) Weft Sqm 10 and warp shall be polyester / cotton polyester mix Type - II (Window & Door Curtain) Curtain fabric weight shall be up to 250-275 (±5%) gsm Composition of fabric shall be polyester yarn I.E. 300 denier fast colour sink age shall be (±5%) Weft 0 Sqm and warp shall be polyester / cotton polyester mix FALSE CEILING & CLADDING Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building, for all heights and all levels etc. including: Structural analysis & design and preparation of shop drawings for pressure equalisation or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design. Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metalic colour of approved shades made out of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified 6.00 using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc. The fastening brackets of Aluminium alloy 6005 T5 / MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specification and drawing The item includes cost of all material & labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding, cleaning and protection of the curtain wall with aluminium composite panel cladding till the handing over of the building for occupation. Base frame work for ACP cladding is payable under the relevant aluminium item.s The Contractor shall provide curtain wall with aluminium composite panel cladding, having all the performance Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked M.S. Pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will 8.00 Sqm be paid for separately, all complete as per direction of Engineer-in-charge Second class teak wood: 35 mm thick shutters Providing and Fixing Wooden false Ceiling comprising of a Galvanized MS frame as required covered with 12 mm thick Marine ply, followed by 6 mm premium quality MDF for making groove and finished with a natural veneer (as approved) of 3.5 mm thickness duly Spirit polished with melamine matt coating. Sqm 0 The ceiling shall be fixed to the roof soffit with adequate suspenders. The item shall be inclusive of cutting & making cutouts for lights, diffusers etc all complete. (veneer with basic cost Upto Rs:100 per sft FOR site) **Total Civil Works**

SCHEDULE V SCHEDULE OF WORK - TARA (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Tara (Kangra District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs | Amount in Rs ELECTRICAL WORKS TOTAL C.O. TO SUMMARY Point wiring in PVC conduit with modular type switch. Wiring for light point/fan point/exhaust fan point /call bell point with 1.5 sq mm FR PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit, with modular switch, modular plate, suitable PVC box and earthing the point with 1.5 sq.mm FR PVC insulated copper conductor single core cable etc as required. Point Group C 5 Wiring through PVC conduit Wiring for circuit/submain wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/recessed medium class PVC conduit as required.(Make:Havells/Finolex/V-guard/Polycab) 2X1.5 sq.mm + 1X1.5 sq.mm earth wire Metre 18 b 2X2.5 sq.mm + 1 X2.5 sq mm earth wire Metre 12 2X4 sq.mm + 1X4 sq.mm earth wire Metre 0 Telephone wiring in existing conduit: Supplying and drawing following pair 0.5 sq mm FR PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required. 2 Pair Metre 0 a A/C point S/F 20A SPN MCB industrial socket outlet: Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 amps "C" curve, SP, Point 1 MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.(Make: Legrand/Havells/HPL) Modular type blanking plate: Supplying and fixing modular blanking plate on the existing modular plate & Each 3 switch box excluding modular plate as required.(Make: Legrand/Havells/HPL) Modular boxes, bases & cover plate: Supplying and fixing following size/modules, GI box along with modular base & cover plate for modular switches in recess etc as required.(Make: Legrand/Havells/HPL) 2 module Each a 3 module Each 4 1 4 module Each 2 6 module Each 8 module Each 0 12 module Each 0 Modular type switch/socket: Supplying and fixing following modular switch/socket on the existing modular plate & switch box including connections but excluding modular plate etc as required. (Make: Legrand/Havells/HPL) 5/6 Amps switch Each 6 a 3 pin 5/6 Amp socket outlet Each b 6 15/16 Amps switch Each 2 6pin 15/16 Amps (universal) socket outlet Each Telephone socket outlet Each 0 S/F PVC conduit: Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same

Metre

Metre

20

15

in case of recessed conduit as required.(ISI Make)

20 mm

25 mm

b

SCHEDULE V SCHEDULE OF WORK - TARA (KANGRA DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Tara (Kangra District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs ITC Fluorescent fitting directly on surface: Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting/LED of all types, complete with all accessories and tube etc. Each 4 directly on ceiling/ wall, including connection with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable and earthing etc. as required. ITC Ceiling fan: Installation, testing and commissioning of ceiling fan, including wiring the down Each 0 rods of standard length (upto 30 cm) with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable etc. as required. Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular 0 plate etc. as required. LAYING OF CABLES CABLE LAYING Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1kV grade of following size clamped on wall surface with 1mm thick saddles as required complete. FROM Mains TO DB a Metre 15 4 X 10 sq.mm END TERMINATION Supply and making end termination with brass compression gland, earth clip and aluminium lugs for following size of PVC insulated and PVC sheathed/XLPE aluminium conductor cable fo 1.1KV grade as required. 4 X 10 sq.mm Each 2 CABLE SUPPLY Supplying the following PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade as per CPWD standards as required. (Make:Havells/ Glostar/Nicco/Finolex/Polycab) Metre 15 4 x 10 sq.mm Supply of 15W LED tube fitting sleek with decorative end cap, powder coated CRCA steel channel complete with all electrical accessories like electronic ballast, 4 Each lamp holder, 28W LED lamp etc complete as required. (Philips / Wipro /HAVELLS) Supply and installation of 18 W CFL with its all accessories.[ISI MAKE] 16 Each 1 Supply and installation of 1200 mm sweep Ceiling fan, white colour, 5 star rated as per BEE complete with blades, down rod, shackle, canopy etc(Make 0 Havells/bajaj/usha/V-guard/crompton) Supply and installation EXHAUST FAN, SHUTTER TYPE white colour, 9" OR 10" star rated as per BEE complete with its all accessories(Make 0 Havells/bajaj/usha/V-guard) S/F of SPN MCB PDB Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) 4 way double door, horizontal type Each 1 a 6 way Double door, horizontal type Each 0 19.2 **S/F OF SP MCB** 6/10A SP MCB Each 2 19.3 **S/F DP ISOLATOR** Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, ISOLATOR having a sensitivity current upto 100 to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc, as required.(Make: Legrand/Havells/HPL) 32 AMPS Each

	SCHEDULE V SCHEDULE OF WORK TARA (KANCRA DISTRICT)						
Sub:	SCHEDULE OF WORK - TARA (KANGRA DISTRICT) Sub: Civil and Electrical works for setting up of Health Wellness Center at Tara (Kangra District), Himachal Pradesh						
Sl No	Specification	Unit	Quantity	Rate in Rs	Amount in Rs		
20	EARTHING						
	Pipe earthing with G.I. earth pipe 2.5 metre, long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt) as required complete.	Set	1				
21	Preparation of all drawings submitting and getting approval from EB for extra load & 3phase connection with Meter, submitting of Completion certificates and arranging inspection, getting sanction and energisation certificates etc. for commissioning of the whole installation in the premises. All statutory payments(inclusive) will be reimbursed on production of the original reciepts.	Ls	0				
	payments(metasive) will be reinfoursed on production of the original recepts.						
23	Miscellaneous Items						
23.1	Miscellaneous electrical work, removing of existing conduits and interconnections of light,6A socket/16A socket/A/C point from existing DB	LS	0				
	Total Electrical Works						
Grand Total				Rs.			
	GST @ 18%						
	Grand Total (In Rs. Incl. of taxes)			Rs.			

SCHEDULE V

SCHEDULE OF WORK - BHALLAD (SIRMOUR DISTRICT)

Sub: Civil and Electrical works for setting up of Health Wellness Center at Bhallad (Sirmour District), Himachal Pradesh

Sub:	Pradesh		(21111)	Jul 2 1501100)	,
Sl No	Specification	Unit	Quantity	Rate in Rs	Amount in Rs
	CIVIL WORKS				
	EARTH WORK				
1	"Excavate foundation in all kinds of soil including soft rock except hard rock requiring blasting part return and fill in foundation and basement in layers not exceeding 15cm in depth including watering, breaking clods and consolidating, disposing and spreading surplus earth within the site upto 1.5m depth.(No extra shall be payable for working space) Tenderer to ensure proper dewatering and shoring methods to ensure all time dry condition. Any damages of sides of foundation or collapsing of soil from sides due to excessive water seepage or surface runoff or any other cause have to be replaced with quarry dust or Malaimann at no extra cost."	Cum	34.00		
2	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared.	Sqm	40.00		
3	Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material. Beyond 60 cm girth upto and including 120 cm girth	Each	0		
4	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.		36.00		
	CEMENT CONCRETE				
5	Cement concrete 1:4:8 (1 cement ,4 sand , 8 hard blue granite stone metal 40mm and down gauge in layers not exceeding 15 cms in depth well consolidated in foundation and levelling course under floors including necessary shuttering, in steps etc all complete as directed. R.C.C.WORK	Cum	5.00		
6	"RCC M20 (Design Mix) using hard blue granite metal 20mm and down gauge including centering, shuttering, curing etc., compelete but excluding cost of reinforcement Note: Polythene sheet shall be provided under the slabs."				
a	In Foundation, Footing and bed blocks at all levels.	Cum	2.00		
b	In Suspended roof slab of required thicknes	Cum	0		
с	In Ground Floor	Cum	8.00		
7	Providing, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete in lintels, beams and bressumers, including setting in cement mortar 1:3 (1 cement : 3 coarse sand), cost of required centering and shuttering but, excluding the cost of reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size)	Cum	7.00		
8	"High Yield Strength Deformed bars in all RCC items & floorings General Note: Sizes of RCC elements shown in the drawing are only indicative and subject to change .No extra shall be payable on this account. Any change in size of concrete elements resulting in change of area of shuttering due to change in quantity of concrete shall also not be payable""	M.T	2.00		
	MASONRY WORK				
9	Brickwork of locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in cement mortar 1:5 (1 cement,5 sand) in foundation and plinth. No extra payment will be paid for any shape or size,turnings, fins, etc unless otherwise specified seperately.		0		

SCHEDULE V SCHEDULE OF WORK - BHALLAD (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Bhallad (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded Cum 0 stone aggregate 20 mm nominal size) upto plinth level with : Cement mortar 1:6 (1 cement : 6 coarse sand) 66mm overall thickness partition using 8mm thick double skin multipurpose cement board reinforced with cellulose fibre manufactured through autoclaving 98.00 Sqm process (High pressure steam cured) as per IS: 14862 with suitable fibre cement screws Half brickwork with locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in CM 1:3 (1 cement 3 sand) and reinforced with two numbers of 6mm dia. M.S rods at every fourth course embedded in cement mortar 1:4 for partitions. 4.00 In Ground Floor Sqm FLOORING Providing & laying first class full body vitrified ceramic tile of make Kajaria/ Restile/Johnson or equivqlent of size 600mmx600mmx 9.5mm or approved size of approved colour (matt finish) in flooring using spacer of required size (2mm-4mm) from endura or equivalent over a bed of cement mortar 1:4 of required thickness to match finished floor level mentioned and to match the neighbouring Sqm 42.00 floor finish and jointed with epoxy grout of approved shade from Bal Endura or equivalent brand all complete as directed.(Basic cost of tile - Rs.85/sft).Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area. No extra shall be payable for forming any pattern in the flooring like border, cut tiles.etc. Providing and laying 600mm x 600mm or required size from Kajaria/ Restile/Johnson glazed tiles of plain series(Satin finish) in dado set in CM 1:3 with joints so as to form a true & even surface and joints finished neatly with white cement mixed with matching pigments all complete as directed. (Rate should include base plastering with CM 1:5 of required thickness.) 28.00 Sam The rate shall include cost of providing 6mmx6mm groove in the plastering at top of the tile all complete as directed.(Basic cost of tile - Rs.85/sft). Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area. No extra shall be payable for forming any pattern like border, etc. Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints Sqm 19.00 treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite of any colour and shade. Area of slab over 0.50 sqm STEEL WORK Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes. channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top MT 0.02 of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in incharge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).

SCHEDULE V SCHEDULE OF WORK - BHALLAD (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Bhallad (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Structural steel work riveted, bolted or welded in built up sections, trusses and MT 0.10 framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. CARPENTRY WORK Providing and fixing factory made uPVC white colour casement/ casement cum fixed glazed windows comprising of uPVC multichampered frame, sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 \pm 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, stainless steel (SS 304 grade) friction hinges, zinc alloy (white powder coated) casement handles, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After 6.00 fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately) Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable. Casement window double panels with top fixed with S.S. friction hinges (350 x 19 x 1.9 mm) made of (small series) frame 47 x 50 mm, sash 47 x 68 mm & mullion 47 x 68 mm all having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area of window upto 2.50 sqm). 24 mm thick factory made PVC door shutters made of styles and rails of a uPVC hollow section of size 59x24 mm and wall thickness 2 mm (± 0.2 mm) with inbuilt edging on both sides. The styles and rails mitred and joint at the corners by means of M.S. galvanised/ plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 20x20 mm and 1 mm (± 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x24 mm and 2 mm (± 0.2 mm) wall thickness, fixed to the shutter styles by 4.00 Sqm means of plastic/galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (± 0.1 mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge. (For W.C. and bathroom door shutter). Providing and fixing cup board shutters 25 mm thick, with Pre-laminated flat pressed three layer particle board or graded wood particle board IS: 12823 marked, exterior grade (Grade 1 Type II), having one side decorative lamination Sam 5.00 and other side balancing lamination, including IInd class teak wood lipping of 25 mm wide x12 mm thick with necessary screws and bright finished stainless steel piano hinges, complete as per direction of the Engineer-in-Charge ROOFING Supplying and embedding P.V.C rain water pipes of approved quality embedded inside the RC columns/masonry in position with all necessary specials like shoes, bends or any other specials required to suit site conditions etc., jointed with wavin cement and lubricants with necessary MS R.M 12.00 clamps, brackets, bolts and nuts all complete as directed. 110mm dia-6kg/sq.cm"

SCHEDULE V SCHEDULE OF WORK - BHALLAD (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Bhallad (Sirmour District), Himachal **Pradesh** Sl No Specification Unit Quantity Rate in Rs Amount in Rs PLASTERING Prepare surfaces and plaster with CM 1:3(1 cement, 3 sand) ,12mm minimum thick (sponge finish) to ceiling sides and soffit of beams and columns Sqm 44.00 and other interior and exterior RCC surfaces not contiguous to masonry. Prepare surfaces and plaster with CM 1:5(1 cement, 5 sand) ,12mm minimum thick to all interior faces of walls (sponge finish) including RCC surfaces 0 Sqm not contiguous to masonry. Necessary internal grooves of size 10mmx10mm shall be carried out as shown/directed by engineer-in-charge. **PAINTING** Prepare surfaces and paint two coats of plastic emulsion paint of approved colour over two coats of Gypsum punning of 6 mm minimum thick and primer all 0 Sqm complete as per manufacturers specifications to all ceilings in all floors. Finishing with oil bound washable Interior Emulsion of approved brand and 126.00 manufacture to give an even shade: New work (two or more coats) over and Sqm including water thinnable priming coat with cement primer Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 Sqm 21.00 ltr/10 sqm of approved brand and manufacture Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two 12.00 or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ Sqm 0.80 ltr/ 10 sqm of approved brand and manufacture Providing and applying plaster of paris putty of 2 mm thickness over plastered 28 Sqm 126.00 surface to prepare the surface even and smooth complete. Removing white or colour wash by scrapping and sand papering and preparing the 0 Sqm surface smooth including necessary repairs to scratches etc. complete Finishing with Deluxe Multi surface paint system for exteriors using Primer as per manufacturers specifications: Two or more coats applied on walls @ 1.25 ltr/10 178.00 DISMANTLING Dismantling plastered brickwalls in cement mortar including cleaning, stacking the useful materials as directed by engineer-in-charge and dumping the Cum 1.00 dismantled debris as indicated at site, levelling, consolidating, all complete as directed and disposing the debris away from site all complete as directed. Dismantling the existing RCC concrete including cutting the reinforcement, stacking the useful materials as directed by engineer-in-charge, dumping the Cum 1.00 dismantled debris as indicated at site, leveling, consolidating, all complete as directed and disposal of debris away from site all complete. Dismantling Tile Flooring and Walls and disposing the debris away from site all 33 Sqm 2.00 complete as directed PATHWAY Providing and laying cement concrete paver blocks of thick 80mm made out of M25 design mix of shape and profile as approved by architect .The rate should include cost of necessary excavation, COARSE SAND upto a depth of 50mm Sqm 0 pointing in CM 1:3 all complete as directed.(For purpose of payment total laid

area in length multiplied by width in plan will be paid.) Tenderer to submit

necessary pamphlets along with tender.

SCHEDULE V SCHEDULE OF WORK - BHALLAD (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Bhallad (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs PLUMBING Providing and fixing gun metal gate valve with C.I. wheel of approved quality Sqm 2 Providing and fixing C.P. brass angle valve for basin mixer and geyserpoints of 2 approved quality conforming to IS:8931 a) 15 mm nominal bore: 15 mm nominal Each bore.Make:Hindware,Cera,Jaquar etc.. Providing and fixing PTMT Bottle Trap for Wash basin and sink. Bottle trap 38mm single piece moulded with height of 270mm, effective length of tail pipe Each 0 260mm from the centre of the waste coupling 77mm breadth with 25mm minimum water seal, weighing not less than 263gms. Providing and fixing trap of self cleansing design with screwed down orhinged grating with or without vent arm complete, including cost of cutting and making 2 good the walls and floors:100 mm inlet and 100 mm outlet Constructing brick masonry manhole in cement mortar 1:4 (1 cement: 4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand: 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating Each 0 coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design: With common burnt clay F.P.S designation 7.5 Providing and fixing square – mouth PVC. Gully trap grade "A" complete with CI grating brick masonry chamber with water tight tight CI cover with frame of Each 0 300 x 300mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design Providing and fixing white vitreous china pedestal type water closet(European type W.C. pan) with seat and lid, 10 litre low level white P.V.C.flushing cistern, including flush pipe, with manually controlled device(handle lever), conforming 2 to IS: 7231, with all fittings and fixturescomplete, including cutting and making good the walls and floors wherever required :W.C. pan with ISI marked white solid plastic seat and lid Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brasspillar taps. 32 mm C.P. brass waste of standard pattern, including painting of fittings and 2 brackets, cutting and making good the walls whereverrequire: White Vitreous China Wash basin size 630x450 mm with apair of 15 mm C.P. brass pillar taps Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work including cutting chases and making good the walls etc 20 mm nominal outer dia .Pipes Metre 0 32 mm nominal outer dia Pipes Metre 0 50 mm nominal outer dia Pipes Metre 0 Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as perIS: 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the wallswherever required ::(Lowest retail price of sink not less than Rs. 3150) Kitchen sink without drain board, Size -610x510 mm bowl depth 200 mm Each

SCHEDULE V SCHEDULE OF WORK - BHALLAD (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Bhallad (Sirmour District), Himachal Pradesh Quantity Sl No Specification Unit Rate in Rs Amount in Rs Providing and fixing PVC Waste pipe for sink or wash basin including PVC waste fittings complete.:Semi rigid pipe 32mm dia 3 Each Providing and fixing CP Waste coupling for wash basin and sink of approved quality, colour and make. Waste coupling 31mm of 79mm length and 62mm Each 3 breadth, weighing not less than 45 gms. Make: Hindware, Jaquar etc.., Extra for providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/stone work, including necessary holes for pillar taps etc. including moulding, rubbing Each 1 and polishing of cut edges etc. complete. Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden 2 cleats with C.P. brass screws and washers complete. Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved Each 2 quality and colour. 600mm long towel rail with total length of 645mm, width 78mm and effective height of 88mm, weighing not less than 190gms. Providing and fixing PTMT liquid soap container 109mm wide, 125mm high and 112mm distance from wall of standard shape with bracket of the same materials Each 2 with snap fittings of approved quality and colour. weighing not less than 105 gms. Providing & fixing of CP Health faucet. Hand operated spray unit (instand type) 2 51 Providing and fixing PVC pipes for water supply arrangements including cost pipes, fittings, solvent cement,testing of pipes, labour charges etc complete Concealed work including cutting chases and making good the wall etc 20mm dia. PVC pipe Metre 10 a 25mm dia. PVC pipe Metre 20 32mm dia. PVC pipe Metre 0 Providing and fixing CP grating of 6mm thick with rim including setting in floor with white cement mortar and making good the floor 125mm dia Each 2 Providing and fixing PVC soil, waste and vent pipe to IS: 13592 of SWR quality including all fittings, like: Bends, Tees, Elbows, Collars, junction, inspection doors, cowls, offsets, access pipes, jointing with rubber ring / solvent cement by application of leak proof adhesive like FRP paste including cutting holes in walls and floors and making good. Make:Supreme,Finolex,Prince etc.., 50mm dia Metre 0 a 110mm dia Metre 12 **CURTAIN WORK** 1.Two range of curtain cloth – Type 1 - II. 2. Both for doors, windows and partions. 3. Assorted colours plain & prints 4. Stitched as per site/ size requirement 5.Minor modifications in stitching as per site/ size requirement 6.Preferred colour (Brown, Cream, Beige) 7. Curtain price (including cloth & curtain rod) to be quoted in Squre metre 8. Stitching for each curtain to be absorb in the price of the cloth generally 2 meters. 9. Fast colours, water wash 10. Fabric density Non Transparent Composition

SCHEDULE V SCHEDULE OF WORK - BHALLAD (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Bhallad (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs 11. Fabric of curtain shall be soft texture, great shading, drape effect and nice 12. The bracket shall be side mounted and front mounted as required 13. First rod mount is 3.5 inches from the wall. 14. Where curtain used as a partition/ long length, sufficient support from ceiling should be provided to avoid sagging. 15.Rate quoted for fully stitched Curtain with top nepha with punch holes after lining bucramreinforced with SS / PVC islets and lower nepha 200mm double turned. Type -I (Surgical Curtain) Curtain fabric weight shall be up to 275-300 (±5%) gsm Composition of fabric shall be polyester yarn I.E. 300 denier fast colour sink age shall be (±5%) Weft 10 Sqm and warp shall be polyester / cotton polyester mix Type - II (Window & Door Curtain) Curtain fabric weight shall be up to 250-275 (±5%) gsm Composition of fabric shall be polyester yarn I.E. 300 denier fast colour sink age shall be (±5%) Weft 0 and warp shall be polyester / cotton polyester mix FALSE CEILING & CLADDING Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building, for all heights and all levels etc. including: Structural analysis & design and preparation of shop drawings for pressure equalisation or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design. Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metalic colour of approved shades made out of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified 6.00 Sqm using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc. The fastening brackets of Aluminium alloy 6005 T5 / MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specification and drawing The item includes cost of all material & labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding, cleaning and protection of the curtain wall with aluminium composite panel cladding till the handing over of the building for occupation. Base frame work for ACP cladding is payable under the relevant aluminium item.s The Contractor shall provide curtain wall with aluminium composite panel cladding, having all the performance Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked M.S. Pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will 8.00 Sqm be paid for separately, all complete as per direction of Engineer-in-charge Second class teak wood: 35 mm thick shutters Providing and Fixing Wooden false Ceiling comprising of a Galvanized MS frame as required covered with 12 mm thick Marine ply, followed by 6 mm premium quality MDF for making groove and finished with a natural veneer (as approved) of 3.5 mm thickness duly Spirit polished with melamine matt coating. Sqm 0 The ceiling shall be fixed to the roof soffit with adequate suspenders. The item shall be inclusive of cutting & making cutouts for lights, diffusers etc all complete. (veneer with basic cost Upto Rs:100 per sft FOR site) **Total Civil Works**

SCHEDULE V

SCHEDULE OF WORK - BHALLAD (SIRMOUR DISTRICT)

Sub: Civil and Electrical works for setting up of Health Wellness Center at Bhallad (Sirmour District), Himachal Pradesh

Sub:	Pradesh		•	,	
Sl No	Specification	Unit	Quantity	Rate in Rs	Amount in Rs
	ELECTRICAL WORKS				
	TOTAL C.O. TO SUMMARY				
1	Point wiring in PVC conduit with modular type switch.				
	Wiring for light point/fan point/exhaust fan point /call bell point with 1.5 sq mm				
	FR PVC insulated copper conductor single core cable in surface/recessed medium				
	class PVC conduit, with modular switch, modular plate, suitable PVC box and				
	earthing the point with 1.5 sq.mm FR PVC insulated copper conductor single core				
	cable etc as required.				
	Group C	Point	5		
2	Wiring through PVC conduit				
	Wiring for circuit/submain wiring along with earth wire with the following sizes				
	of FR PVC insulated copper conductor, single core cable in surface/recessed				
	medium class PVC conduit as required.(Make:Havells/Finolex/V-guard/Polycab)				
a	2X1.5 sq.mm + 1X1.5 sq.mm earth wire	Metre	18		
b	2X2.5 sq.mm + 1 X2.5 sq mm earth wire	Metre	12		
c	2X4 sq.mm + 1X4 sq.mm earth wire	Metre	0		
3	Telephone wiring in existing conduit:				
	Supplying and drawing following pair 0.5 sq mm FR PVC insulated annealed				
	copper conductor, unarmored telephone cable in the existing surface/ recessed				
	steel/ PVC conduit as required.				
a	2 Pair	Metre	0		
4	A/C point				
	S/F 20A SPN MCB industrial socket outlet:				
	Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with				
	2 pole and earth, metal enclosed plug top alongwith 20 amps "C" curve, SP,	Point	1		
	MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover		-		
	for the socket out let and complete with connections, testing and commissioning				
	etc. as required.(Make: Legrand/Havells/HPL)				
5	Modular type blanking plate:				
	Supplying and fixing modular blanking plate on the existing modular plate &	Each	3		
	switch box excluding modular plate as required.(Make: Legrand/Havells/HPL)		-		
6	Modular boxes, bases & cover plate:				
	Supplying and fixing following size/modules, GI box along with modular base &				
	cover plate for modular switches in recess etc as required.(Make:				
	Legrand/Havells/HPL)	Б. 1			
a	2 module	Each	1		
b	3 module	Each	4		
c	4 module	Each	1		
	6 module 8 module	Each	0		
e f	8 module 12 module	Each	0		
7	Modular type switch/socket:	Each	U		
	Supplying and fixing following modular switch/socket on the existing modular				
	plate & switch box including connections but excluding modular plate etc as				
	prate & switch box including connections but excluding modular plate etc as required. (Make: Legrand/Havells/HPL)				
	reguirea. (191anc. Legiana/11avells/fif L)				
- 0	5/6 Amps switch	Each	6		
a b	3 pin 5/6 Amp socket outlet	Each	6		
С	15/16 Amps switch	Each	2		
d	6pin 15/16 Amps (universal) socket outlet	Each	2		
e	Telephone socket outlet	Each	0		
	resolutione socket outlet	Lacii	U		
8	S/F PVC conduit:				
,	Supplying and fixing of following sizes of medium class PVC conduit along with				
	accessories in surface/recess including cutting the wall and making good the same				
	in case of recessed conduit as required.(ISI Make)				
a	20 mm	Metre	20		
b	25 mm	Metre	15		
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SCHEDULE V SCHEDULE OF WORK - BHALLAD (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Bhallad (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs ITC Fluorescent fitting directly on surface: Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting/LED of all types, complete with all accessories and tube etc. Each 4 directly on ceiling/ wall, including connection with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable and earthing etc. as required. ITC Ceiling fan: Installation, testing and commissioning of ceiling fan, including wiring the down Each 0 rods of standard length (upto 30 cm) with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable etc. as required. Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular 0 plate etc. as required. LAYING OF CABLES CABLE LAYING Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1kV grade of following size clamped on wall surface with 1mm thick saddles as required complete. FROM Mains TO DB a Metre 15 4 X 10 sq.mm END TERMINATION Supply and making end termination with brass compression gland, earth clip and aluminium lugs for following size of PVC insulated and PVC sheathed/XLPE aluminium conductor cable fo 1.1KV grade as required. 4 X 10 sq.mm Each 2 CABLE SUPPLY Supplying the following PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade as per CPWD standards as required. (Make:Havells/ Glostar/Nicco/Finolex/Polycab) Metre 15 4 x 10 sq.mm Supply of 15W LED tube fitting sleek with decorative end cap, powder coated CRCA steel channel complete with all electrical accessories like electronic ballast, 4 Each lamp holder, 28W LED lamp etc complete as required. (Philips / Wipro /HAVELLS) Supply and installation of 18 W CFL with its all accessories.[ISI MAKE] 16 Each 1 Supply and installation of 1200 mm sweep Ceiling fan, white colour, 5 star rated as per BEE complete with blades, down rod, shackle, canopy etc(Make 0 Havells/bajaj/usha/V-guard/crompton) Supply and installation EXHAUST FAN, SHUTTER TYPE white colour, 9" OR 10" star rated as per BEE complete with its all accessories(Make 0 Havells/bajaj/usha/V-guard) S/F of SPN MCB PDB Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) 4 way double door, horizontal type Each 1 a 6 way Double door, horizontal type Each 0 19.2 **S/F OF SP MCB** 6/10A SP MCB Each 2 19.3 **S/F DP ISOLATOR** Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, ISOLATOR having a sensitivity current upto 100 to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc, as required.(Make: Legrand/Havells/HPL) 32 AMPS Each

	SCHEDULE V						
	SCHEDULE OF WORK - BHALLAD (SIRMOUR DISTRICT)						
Sub:	Civil and Electrical works for setting up of Health Wellness Center Pradesh						
Sl No	Specification	Unit	Quantity	Rate in Rs	Amount in Rs		
20	EARTHING						
	Pipe earthing with G.I. earth pipe 2.5 metre, long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt) as required complete.	Sat	1				
21	Preparation of all drawings submitting and getting approval from EB for extra load & 3phase connection with Meter, submitting of Completion certificates and arranging inspection, getting sanction and energisation certificates etc. for commissioning of the whole installation in the premises. All statutory payments(inclusive) will be reimbursed on production of the original reciepts.		0				
23	Miscellaneous Items						
23.1	Miscellaneous Items Miscellaneous electrical work, removing of existing conduits and interconnections of light,6A socket/16A socket/A/C point from existing DB	LS	0				
	Total Electrical Works						
	Grand Total			Rs.			
	GST @ 18%			Rs.			
	Grand Total (In Rs. Incl. of taxes)			Rs.			

SCHEDULE V

SCHEDULE OF WORK - CHEMANJI (SIRMOUR DISTRICT)

Sub: Civil and Electrical works for setting up of Health Wellness Center at Chemanji (Sirmour District), Himachal Pradesh

Sub:	Pradesh				
Sl No	Specification	Unit	Quantity	Rate in Rs	Amount in Rs
	CIVIL WORKS				
	EARTH WORK				
1	"Excavate foundation in all kinds of soil including soft rock except hard rock requiring blasting part return and fill in foundation and basement in layers not exceeding 15cm in depth including watering, breaking clods and consolidating, disposing and spreading surplus earth within the site upto 1.5m depth.(No extra shall be payable for working space) Tenderer to ensure proper dewatering and shoring methods to ensure all time dry condition. Any damages of sides of foundation or collapsing of soil from sides due to excessive water seepage or surface runoff or any other cause have to be replaced with quarry dust or Malaimann at no extra cost."	Cum	34.00		
2	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared.	Sqm	40.00		
3	Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material. Beyond 60 cm girth upto and including 120 cm girth		0		
4	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	Cum	64.00		
	CEMENT CONCRETE				
5	Cement concrete 1:4:8 (1 cement ,4 sand , 8 hard blue granite stone metal 40mm and down gauge in layers not exceeding 15 cms in depth well consolidated in foundation and levelling course under floors including necessary shuttering, in steps etc all complete as directed.	Cum	6.00		
	R.C.C.WORK				
6	"RCC M20 (Design Mix) using hard blue granite metal 20mm and down gauge including centering, shuttering, curing etc., compelete but excluding cost of reinforcement Note: Polythene sheet shall be provided under the slabs."				
a	In Foundation, Footing and bed blocks at all levels.	Cum	3.00		
b	In Suspended roof slab of required thicknes	Cum	0		
_	I. C. I. I.	C	10.00		
С	In Ground Floor	Cum	10.00		
7	Providing, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete in lintels, beams and bressumers, including setting in cement mortar 1:3 (1 cement : 3 coarse sand), cost of required centering and shuttering but , excluding the cost of reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size)	Cum	8.00		
8	"High Yield Strength Deformed bars in all RCC items & floorings General Note: Sizes of RCC elements shown in the drawing are only indicative and subject to change .No extra shall be payable on this account. Any change in size of concrete elements resulting in change of area of shuttering due to change in quantity of concrete shall also not be payable""	М.Т	2.00		
	MASONRY WORK				
9	Brickwork of locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in cement mortar 1:5 (1 cement,5 sand) in foundation and plinth. No extra payment will be paid for any shape or size,turnings, fins, etc unless otherwise specified seperately.	Cum	0		

SCHEDULE V SCHEDULE OF WORK - CHEMANJI (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Chemanji (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded Cum 2 stone aggregate 20 mm nominal size) upto plinth level with : Cement mortar 1:6 (1 cement : 6 coarse sand) 66mm overall thickness partition using 8mm thick double skin multipurpose cement board reinforced with cellulose fibre manufactured through autoclaving 98.00 Sqm process (High pressure steam cured) as per IS: 14862 with suitable fibre cement screws Half brickwork with locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in CM 1:3 (1 cement 3 sand) and reinforced with two numbers of 6mm dia. M.S rods at every fourth course embedded in cement mortar 1:4 for partitions. 4.00 In Ground Floor Sqm FLOORING Providing & laying first class full body vitrified ceramic tile of make Kajaria/ Restile/Johnson or equivqlent of size 600mmx600mmx 9.5mm or approved size of approved colour (matt finish) in flooring using spacer of required size (2mm-4mm) from endura or equivalent over a bed of cement mortar 1:4 of required thickness to match finished floor level mentioned and to match the neighbouring Sqm 42.00 floor finish and jointed with epoxy grout of approved shade from Bal Endura or equivalent brand all complete as directed.(Basic cost of tile - Rs.85/sft).Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area. No extra shall be payable for forming any pattern in the flooring like border, cut tiles.etc. Providing and laying 600mm x 600mm or required size from Kajaria/ Restile/Johnson glazed tiles of plain series(Satin finish) in dado set in CM 1:3 with joints so as to form a true & even surface and joints finished neatly with white cement mixed with matching pigments all complete as directed. (Rate should include base plastering with CM 1:5 of required thickness.) 28.00 Sam The rate shall include cost of providing 6mmx6mm groove in the plastering at top of the tile all complete as directed.(Basic cost of tile - Rs.85/sft). Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area. No extra shall be payable for forming any pattern like border, etc. Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints Sqm 19.00 treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite of any colour and shade. Area of slab over 0.50 sqm STEEL WORK Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes. channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top MT 0.02 of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in incharge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).

SCHEDULE V SCHEDULE OF WORK - CHEMANJI (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Chemanji (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Structural steel work riveted, bolted or welded in built up sections, trusses and MT 0.10 framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. CARPENTRY WORK Providing and fixing factory made uPVC white colour casement/ casement cum fixed glazed windows comprising of uPVC multichampered frame, sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 \pm 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, stainless steel (SS 304 grade) friction hinges, zinc alloy (white powder coated) casement handles, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After 6.00 fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately) Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable. Casement window double panels with top fixed with S.S. friction hinges (350 x 19 x 1.9 mm) made of (small series) frame 47 x 50 mm, sash 47 x 68 mm & mullion 47 x 68 mm all having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area of window upto 2.50 sqm). 24 mm thick factory made PVC door shutters made of styles and rails of a uPVC hollow section of size 59x24 mm and wall thickness 2 mm (± 0.2 mm) with inbuilt edging on both sides. The styles and rails mitred and joint at the corners by means of M.S. galvanised/ plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 20x20 mm and 1 mm (± 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x24 mm and 2 mm (± 0.2 mm) wall thickness, fixed to the shutter styles by 4.00 Sqm means of plastic/galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (± 0.1 mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge. (For W.C. and bathroom door shutter). Providing and fixing cup board shutters 25 mm thick, with Pre-laminated flat pressed three layer particle board or graded wood particle board IS: 12823 marked, exterior grade (Grade 1 Type II), having one side decorative lamination Sam 5.00 and other side balancing lamination, including IInd class teak wood lipping of 25 mm wide x12 mm thick with necessary screws and bright finished stainless steel piano hinges, complete as per direction of the Engineer-in-Charge ROOFING Supplying and embedding P.V.C rain water pipes of approved quality embedded inside the RC columns/masonry in position with all necessary specials like shoes, bends or any other specials required to suit site conditions etc., jointed with wavin cement and lubricants with necessary MS R.M 12.00 clamps, brackets, bolts and nuts all complete as directed. 110mm dia-6kg/sq.cm"

SCHEDULE OF WORK - CHEMANJI (SIRMOUR DISTRICT)

Sub: Civil and Electrical works for setting up of Health Wellness Center at Chemanji (Sirmour District), Himachal Pradesh

	Pradesh				
Sl No	Specification	Unit	Quantity	Rate in Rs	Amount in Rs
	PLASTERING				
22	Prepare surfaces and plaster with CM 1:3(1 cement, 3 sand),12mm minimum thick (sponge finish) to ceiling sides and soffit of beams and columns and other interior and exterior RCC surfaces not contiguous to masonry.	Sqm	44.00		
23	Prepare surfaces and plaster with CM 1:5(1 cement, 5 sand) ,12mm minimum thick to all interior faces of walls (sponge finish) including RCC surfaces not contiguous to masonry.Necessary internal grooves of size 10mmx10mm shall be carried out as shown/directed by engineer-in-charge.	Sqm	0		
	D I INITINIC				
24	PAINTING Prepare surfaces and paint two coats of plastic emulsion paint of approved colour over two coats of Gypsum punning of 6 mm minimum thick and primer all complete as per manufacturers specifications to all ceilings in all floors.	Sqm	0		
25	Finishing with oil bound washable Interior Emulsion of approved brand and manufacture to give an even shade: New work (two or more coats) over and including water thinnable priming coat with cement primer	Sqm	126.00		
26	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufacture	Sqm	21.00		
27	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture	Sqm	12.00		
28	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	Sqm	126.00		
29	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	Sqm	0		
30	Finishing with Deluxe Multi surface paint system for exteriors using Primer as per manufacturers specifications: Two or more coats applied on walls @ 1.25 ltr/10 sqm	Sqm	178.00		
	DIOMANITE INIC				
31	DISMANTLING Dismantling plastered brickwalls in cement mortar including cleaning, stacking the useful materials as directed by engineer-in-charge and dumping the dismantled debris as indicated at site, levelling, consolidating, all complete as directed and disposing the debris away from site all complete as directed.	Cum	1.00		
32	Dismantling the existing RCC concrete including cutting the reinforcement, stacking the useful materials as directed by engineer-in-charge, dumping the dismantled debris as indicated at site, leveling, consolidating, all complete as directed and disposal of debris away from site all complete.	Cum	1.00		
33	Dismantling Tile Flooring and Walls and disposing the debris away from site all complete as directed.	Sqm	2.00		
	PATHWAY				
34	Providing and laying cement concrete paver blocks of thick 80mm made out of M25 design mix of shape and profile as approved by architect. The rate should include cost of necessary excavation, COARSE SAND upto a depth of 50mm pointing in CM 1:3 all complete as directed. (For purpose of payment total laid area in length multiplied by width in plan will be paid.) Tenderer to submit necessary pamphlets along with tender.	Sqm	0		

SCHEDULE V SCHEDULE OF WORK - CHEMANJI (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Chemanji (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs PLUMBING Providing and fixing gun metal gate valve with C.I. wheel of approved quality Sqm 2 Providing and fixing C.P. brass angle valve for basin mixer and geyserpoints of 2 approved quality conforming to IS:8931 a) 15 mm nominal bore: 15 mm nominal Each bore.Make:Hindware,Cera,Jaquar etc.. Providing and fixing PTMT Bottle Trap for Wash basin and sink. Bottle trap 38mm single piece moulded with height of 270mm, effective length of tail pipe Each 0 260mm from the centre of the waste coupling 77mm breadth with 25mm minimum water seal, weighing not less than 263gms. Providing and fixing trap of self cleansing design with screwed down orhinged grating with or without vent arm complete, including cost of cutting and making 2 good the walls and floors:100 mm inlet and 100 mm outlet Constructing brick masonry manhole in cement mortar 1:4 (1 cement: 4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand: 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating Each 0 coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design: With common burnt clay F.P.S designation 7.5 Providing and fixing square – mouth PVC. Gully trap grade "A" complete with CI grating brick masonry chamber with water tight tight CI cover with frame of Each 0 300 x 300mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design Providing and fixing white vitreous china pedestal type water closet(European type W.C. pan) with seat and lid, 10 litre low level white P.V.C.flushing cistern, including flush pipe, with manually controlled device(handle lever), conforming 2 to IS: 7231, with all fittings and fixturescomplete, including cutting and making good the walls and floors wherever required :W.C. pan with ISI marked white solid plastic seat and lid Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brasspillar taps. 32 mm C.P. brass waste of standard pattern, including painting of fittings and 2 brackets, cutting and making good the walls whereverrequire: White Vitreous China Wash basin size 630x450 mm with apair of 15 mm C.P. brass pillar taps Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work including cutting chases and making good the walls etc 20 mm nominal outer dia .Pipes Metre 0 32 mm nominal outer dia Pipes Metre 0 50 mm nominal outer dia Pipes Metre 0 Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as perIS: 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and

Each

brackets, cutting and making good the wallswherever required ::(Lowest retail

Kitchen sink without drain board, Size -610x510 mm bowl depth 200 mm

price of sink not less than Rs. 3150)

SCHEDULE V SCHEDULE OF WORK - CHEMANJI (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Chemanji (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Providing and fixing PVC Waste pipe for sink or wash basin including PVC waste fittings complete.:Semi rigid pipe 32mm dia 3 Each Providing and fixing CP Waste coupling for wash basin and sink of approved quality, colour and make. Waste coupling 31mm of 79mm length and 62mm Each 3 breadth, weighing not less than 45 gms. Make: Hindware, Jaquar etc.., Extra for providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/stone work, including necessary holes for pillar taps etc. including moulding, rubbing Each 1 and polishing of cut edges etc. complete. Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden 2 cleats with C.P. brass screws and washers complete. Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved Each 2 quality and colour. 600mm long towel rail with total length of 645mm, width 78mm and effective height of 88mm, weighing not less than 190gms. Providing and fixing PTMT liquid soap container 109mm wide, 125mm high and 112mm distance from wall of standard shape with bracket of the same materials 2 Each with snap fittings of approved quality and colour. weighing not less than 105 gms Providing & fixing of CP Health faucet. Hand operated spray unit (instand type) 51 Set 2 Providing and fixing PVC pipes for water supply arrangements including cost pipes, fittings, solvent cement,testing of pipes, labour charges etc complete : Concealed work including cutting chases and making good the wall etc 20mm dia. PVC pipe Metre 10 a b 25mm dia. PVC pipe Metre 20 32mm dia. PVC pipe Metre 0 Providing and fixing CP grating of 6mm thick with rim including setting in floor with white cement mortar and making good the floor Each 2 125mm dia Providing and fixing PVC soil, waste and vent pipe to IS: 13592 of SWR quality including all fittings, like: Bends, Tees, Elbows, Collars, junction, inspection doors, cowls, offsets, access pipes, jointing with rubber ring / solvent cement by application of leak proof adhesive like FRP paste including cutting holes in walls and floors and making good. Make:Supreme,Finolex,Prince etc.. 50mm dia Metre 0 а b 110mm dia Metre 12 **CURTAIN WORK** 1.Two range of curtain cloth - Type 1 - II. 2. Both for doors, windows and partions. 3. Assorted colours plain & prints 4. Stitched as per site/ size requirement 5. Minor modifications in stitching as per site/ size requirement 6.Preferred colour (Brown, Cream, Beige) 7. Curtain price (including cloth & curtain rod) to be quoted in Squre metre 8. Stitching for each curtain to be absorb in the price of the cloth generally 2 meters.

9.Fast colours, water wash

10.Fabric density Non Transparent Composition

SCHEDULE V SCHEDULE OF WORK - CHEMANJI (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Chemanji (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs | Amount in Rs 11. Fabric of curtain shall be soft texture, great shading, drape effect and nice 12. The bracket shall be side mounted and front mounted as required 13. First rod mount is 3.5 inches from the wall. 14. Where curtain used as a partition/ long length, sufficient support from ceiling should be provided to avoid sagging. 15.Rate quoted for fully stitched Curtain with top nepha with punch holes after lining bucramreinforced with SS / PVC islets and lower nepha 200mm double turned. Type -I (Surgical Curtain) Curtain fabric weight shall be up to 275-300 (±5%) gsm Composition of fabric shall be polyester yarn I.E. 300 denier fast colour sink age shall be (±5%) Weft 10 Sqm and warp shall be polyester / cotton polyester mix Type - II (Window & Door Curtain) Curtain fabric weight shall be up to 250-275 (±5%) gsm Composition of fabric shall be polyester yarn I.E. 300 denier fast colour sink age shall be (±5%) Weft 0 and warp shall be polyester / cotton polyester mix FALSE CEILING & CLADDING Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building, for all heights and all levels etc. including: Structural analysis & design and preparation of shop drawings for pressure equalisation or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design. Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metalic colour of approved shades made out of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified 6.00 Sqm using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc. The fastening brackets of Aluminium alloy 6005 T5 / MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specification and drawing The item includes cost of all material & labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding, cleaning and protection of the curtain wall with aluminium composite panel cladding till the handing over of the building for occupation. Base frame work for ACP cladding is payable under the relevant aluminium item.s The Contractor shall provide curtain wall with aluminium composite panel cladding, having all the performance Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked M.S. Pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will 8.00 Sqm be paid for separately, all complete as per direction of Engineer-in-charge Second class teak wood: 35 mm thick shutters Providing and Fixing Wooden false Ceiling comprising of a Galvanized MS frame as required covered with 12 mm thick Marine ply, followed by 6 mm premium quality MDF for making groove and finished with a natural veneer (as approved) of 3.5 mm thickness duly Spirit polished with melamine matt coating. Sqm 0 The ceiling shall be fixed to the roof soffit with adequate suspenders. The item shall be inclusive of cutting & making cutouts for lights, diffusers etc all complete. (veneer with basic cost Upto Rs:100 per sft FOR site) **Total Civil Works**

SCHEDULE OF WORK - CHEMANJI (SIRMOUR DISTRICT)

Sub: Civil and Electrical works for setting up of Health Wellness Center at Chemanji (Sirmour District), Himachal Pradesh

Sub:	Pradesh		• `		
	Specification	Unit	Quantity	Rate in Rs	Amount in Rs
	ELECTRICAL WORKS				
	TOTAL C.O. TO SUMMARY				
	Point wiring in PVC conduit with modular type switch.				
	Wiring for light point/fan point/exhaust fan point /call bell point with 1.5 sq mm				
	FR PVC insulated copper conductor single core cable in surface/recessed medium				
	class PVC conduit, with modular switch, modular plate, suitable PVC box and				
	earthing the point with 1.5 sq.mm FR PVC insulated copper conductor single core				
	cable etc as required.				
	Group C	Point	5		
2	Wiring through PVC conduit				
	Wiring for circuit/submain wiring along with earth wire with the following sizes				
	of FR PVC insulated copper conductor, single core cable in surface/recessed				
	medium class PVC conduit as required.(Make:Havells/Finolex/V-guard/Polycab)				
	2X1.5 sq.mm + 1X1.5 sq.mm earth wire	Metre	18		
	2X2.5 sq.mm + 1 X2.5 sq mm earth wire	Metre	12		
с	2X4 sq.mm + 1X4 sq.mm earth wire	Metre	0		
	Telephone wiring in existing conduit:				
	Supplying and drawing following pair 0.5 sq mm FR PVC insulated annealed				
	copper conductor, unarmored telephone cable in the existing surface/ recessed				
	steel/ PVC conduit as required.				
	2 Pair	Metre	0		
	A/C point				
	S/F 20A SPN MCB industrial socket outlet:				
	Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with				
	2 pole and earth, metal enclosed plug top alongwith 20 amps "C" curve, SP,	Point	1		
	MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover				
	for the socket out let and complete with connections, testing and commissioning				
	etc. as required.(Make: Legrand/Havells/HPL)				
	Modular type blanking plate: Supplying and fixing modular blanking plate on the existing modular plate &				
	switch box excluding modular plate as required.(Make: Legrand/Havells/HPL)	Each	3		
	switch box excluding modular plate as required.(wake. Legiand/Havens/Hi L)				
6	Modular boxes, bases & cover plate:				
	Supplying and fixing following size/modules, GI box along with modular base &				
	cover plate for modular switches in recess etc as required.(Make:				
	Legrand/Havells/HPL)				
	2 module	Each	1		
	3 module	Each	4		
	4 module	Each	1		
	6 module	Each	2		
	8 module	Each	0		
	12 module	Each	0		
	Modular type switch/socket:				
	Supplying and fixing following modular switch/socket on the existing modular			ĺ	
	plate & switch box including connections but excluding modular plate etc as				
	required. (Make: Legrand/Havells/HPL)				
a	5/6 Amps switch	Each	6		
	3 pin 5/6 Amp socket outlet	Each	6		
	15/16 Amps switch	Each	2		
	6pin 15/16 Amps (universal) socket outlet	Each	2		
e	Telephone socket outlet	Each	0		
	S/F PVC conduit:				
	Supplying and fixing of following sizes of medium class PVC conduit along with				
	accessories in surface/recess including cutting the wall and making good the same				
	in case of recessed conduit as required.(ISI Make)				
	20 mm 25 mm	Metre Metre	20 15		

SCHEDULE V SCHEDULE OF WORK - CHEMANJI (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Chemanji (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs ITC Fluorescent fitting directly on surface: Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting/LED of all types, complete with all accessories and tube etc. Each 4 directly on ceiling/ wall, including connection with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable and earthing etc. as required. ITC Ceiling fan: Installation, testing and commissioning of ceiling fan, including wiring the down Each 0 rods of standard length (upto 30 cm) with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable etc. as required. Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular 0 plate etc. as required. LAYING OF CABLES CABLE LAYING Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1kV grade of following size clamped on wall surface with 1mm thick saddles as required complete. FROM Mains TO DB a Metre 15 4 X 10 sq.mm END TERMINATION Supply and making end termination with brass compression gland, earth clip and aluminium lugs for following size of PVC insulated and PVC sheathed/XLPE aluminium conductor cable fo 1.1KV grade as required. 4 X 10 sq.mm Each 2 CABLE SUPPLY Supplying the following PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade as per CPWD standards as required. (Make:Havells/ Glostar/Nicco/Finolex/Polycab) Metre 15 4 x 10 sq.mm Supply of 15W LED tube fitting sleek with decorative end cap, powder coated CRCA steel channel complete with all electrical accessories like electronic ballast, 4 Each lamp holder, 28W LED lamp etc complete as required. (Philips / Wipro /HAVELLS) Supply and installation of 18 W CFL with its all accessories.[ISI MAKE] 16 Each 1 Supply and installation of 1200 mm sweep Ceiling fan, white colour, 5 star rated as per BEE complete with blades, down rod, shackle, canopy etc(Make 0 Havells/bajaj/usha/V-guard/crompton) Supply and installation EXHAUST FAN, SHUTTER TYPE white colour, 9" OR 10" star rated as per BEE complete with its all accessories(Make 0 Havells/bajaj/usha/V-guard) S/F of SPN MCB PDB Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) 4 way double door, horizontal type Each 1 a 6 way Double door, horizontal type Each 0 19.2 **S/F OF SP MCB** 6/10A SP MCB Each 2 19.3 **S/F DP ISOLATOR** Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, ISOLATOR having a sensitivity current upto 100 to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning

Each

etc, as required.(Make: Legrand/Havells/HPL)

32 AMPS

	SCHEDULE OF WORK - CHEMANJI (SIR				4) III:maabal
Sub:	Civil and Electrical works for setting up of Health Wellness Center Pradesh	r at Cn	emanji (Sir	mour Distric	a), Himachai
CI NI-	Specification Specification	Unit	0	Rate in Rs	Amount in Rs
20	EARTHING	Unit	Quantity	Rate in Rs	Amount in Ks
20	Pipe earthing with G.I. earth pipe 2.5 metre, long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt) as required complete.	Set	1		
21	Preparation of all drawings submitting and getting approval from EB for extra load & 3phase connection with Meter, submitting of Completion certificates and arranging inspection, getting sanction and energisation certificates etc. for commissioning of the whole installation in the premises. All statutory payments(inclusive) will be reimbursed on production of the original reciepts.	Ls	0		
23	M. H. Y.				
23.1	Miscellaneous Items Miscellaneous electrical work, removing of existing conduits and interconnections of light,6A socket/16A socket/A/C point from existing DB	LS	0		
	Total Electrical Works				
	Grand Total	•	•	Rs.	
	GST @ 18%			Rs.	
	Grand Total (In Rs. Incl. of taxes)			Rs.	

SCHEDULE OF WORK - DERO DEVARIA (SIRMOUR DISTRICT)

Sub: Civil and Electrical works for setting up of Health Wellness Center at Dero Devaria (Sirmour District),

Sub:	Himachal Pradesh	- 40 - 01	0 20 / 11 11 (,0	, , , , , , , , , , , , , , , , , , ,
Sl No	Specification	Unit	Quantity	Rate in Rs	Amount in Rs
	CIVIL WORKS				
	EARTH WORK				
1	"Excavate foundation in all kinds of soil including soft rock except hard rock requiring blasting part return and fill in foundation and basement in layers not exceeding 15cm in depth including watering, breaking clods and consolidating, disposing and spreading surplus earth within the site upto 1.5m depth.(No extra shall be payable for working space) Tenderer to ensure proper dewatering and shoring methods to ensure all time dry condition. Any damages of sides of foundation or collapsing of soil from sides due to excessive water seepage or surface runoff or any other cause have to be replaced with quarry dust or Malaimann at no extra cost."		0		
2	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared.	Sqm	0		
3	Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material. Beyond 60 cm girth upto and including 120 cm girth	Each	0		
4	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	Cum	0		
	CEMENT CONCRETE				
5	Cement concrete 1:4:8 (1 cement ,4 sand , 8 hard blue granite stone metal 40mm and down gauge in layers not exceeding 15 cms in depth well consolidated in foundation and levelling course under floors including necessary shuttering, in steps etc all complete as directed. R.C.C.WORK	Cum	1.00		
6	"RCC M20 (Design Mix) using hard blue granite metal 20mm and down gauge including centering, shuttering, curing etc., compelete but excluding cost of reinforcement Note: Polythene sheet shall be provided under the slabs."				
a	In Foundation, Footing and bed blocks at all levels.	Cum	0		
b	In Suspended roof slab of required thicknes	Cum	0		
c	In Ground Floor	Cum	8.00		
7	Providing, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete in lintels, beams and bressumers, including setting in cement mortar 1:3 (1 cement : 3 coarse sand), cost of required centering and shuttering but, excluding the cost of reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size)	Cum	8.00		
8	"High Yield Strength Deformed bars in all RCC items & floorings General Note: Sizes of RCC elements shown in the drawing are only indicative and subject to change .No extra shall be payable on this account. Any change in size of concrete elements resulting in change of area of shuttering due to change in quantity of concrete shall also not be payable""	М.Т	1.50		
	MASONRY WORK				
9	Brickwork of locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in cement mortar 1:5 (1 cement,5 sand) in foundation and plinth. No extra payment will be paid for any shape or size,turnings, fins, etc unless otherwise specified seperately.	Cum	0		

SCHEDULE V SCHEDULE OF WORK - DERO DEVARIA (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Dero Devaria (Sirmour District), **Himachal Pradesh** Sl No Specification Unit Quantity Rate in Rs Amount in Rs Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded 0 stone aggregate 20 mm nominal size) upto plinth level with : Cement mortar 1:6 (1 cement : 6 coarse sand) 66mm overall thickness partition using 8mm thick double skin multipurpose cement board reinforced with cellulose fibre manufactured through autoclaving 98.00 Sqm process (High pressure steam cured) as per IS: 14862 with suitable fibre cement screws Half brickwork with locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in CM 1:3 (1 cement 3 sand) and reinforced with two numbers of 6mm dia. M.S rods at every fourth course embedded in cement mortar 1:4 for partitions. 12.00 In Ground Floor Sqm FLOORING Providing & laying first class full body vitrified ceramic tile of make Kajaria/ Restile/Johnson or equivqlent of size 600mmx600mmx 9.5mm or approved size of approved colour (matt finish) in flooring using spacer of required size (2mm-4mm) from endura or equivalent over a bed of cement mortar 1:4 of required thickness to match finished floor level mentioned and to match the neighbouring Sqm 42.00 floor finish and jointed with epoxy grout of approved shade from Bal Endura or equivalent brand all complete as directed.(Basic cost of tile - Rs.85/sft).Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area. No extra shall be payable for forming any pattern in the flooring like border, cut tiles.etc. Providing and laying 600mm x 600mm or required size from Kajaria/ Restile/Johnson glazed tiles of plain series(Satin finish) in dado set in CM 1:3 with joints so as to form a true & even surface and joints finished neatly with white cement mixed with matching pigments all complete as directed. (Rate should include base plastering with CM 1:5 of required thickness.) 28.00 Sqm The rate shall include cost of providing 6mmx6mm groove in the plastering at top of the tile all complete as directed.(Basic cost of tile - Rs.85/sft). Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area. No extra shall be payable for forming any pattern like border, etc. Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints Sqm 19.00 treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite of any colour and shade. Area of slab over 0.50 sqm STEEL WORK Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top MT 0.02 of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in incharge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).

SCHEDULE V SCHEDULE OF WORK - DERO DEVARIA (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Dero Devaria (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Structural steel work riveted, bolted or welded in built up sections, trusses and MT 0.10 framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. CARPENTRY WORK Providing and fixing factory made uPVC white colour casement/ casement cum fixed glazed windows comprising of uPVC multichampered frame, sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, stainless steel (SS 304 grade) friction hinges, zinc alloy (white powder coated) casement handles, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After 6.00 fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately) Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable. Casement window double panels with top fixed with S.S. friction hinges (350 x 19 x 1.9 mm) made of (small series) frame 47 x 50 mm, sash 47 x 68 mm & mullion 47 x 68 mm all having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area of window upto 2.50 sqm). 24 mm thick factory made PVC door shutters made of styles and rails of a uPVC hollow section of size 59x24 mm and wall thickness 2 mm (± 0.2 mm) with inbuilt edging on both sides. The styles and rails mitred and joint at the corners by means of M.S. galvanised/ plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 20x20 mm and 1 mm (± 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x24 mm and 2 mm (± 0.2 mm) wall thickness, fixed to the shutter styles by 4.00 Sqm means of plastic/galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (± 0.1 mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge. (For W.C. and bathroom door shutter). Providing and fixing cup board shutters 25 mm thick, with Pre-laminated flat pressed three layer particle board or graded wood particle board IS: 12823 marked, exterior grade (Grade 1 Type II), having one side decorative lamination Sam 5.00 and other side balancing lamination, including IInd class teak wood lipping of 25 mm wide x12 mm thick with necessary screws and bright finished stainless steel piano hinges, complete as per direction of the Engineer-in-Charge ROOFING Supplying and embedding P.V.C rain water pipes of approved quality embedded inside the RC columns/masonry in position with all necessary specials like shoes, bends or any other specials required to suit site conditions etc., jointed with wavin cement and lubricants with necessary MS R.M 12.00 clamps, brackets, bolts and nuts all complete as directed. 110mm dia-6kg/sq.cm"

SCHEDULE V SCHEDULE OF WORK - DERO DEVARIA (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Dero Devaria (Sirmour District), **Himachal Pradesh** Sl No Specification Unit Quantity Rate in Rs Amount in Rs PLASTERING Prepare surfaces and plaster with CM 1:3(1 cement, 3 sand) ,12mm minimum thick (sponge finish) to ceiling sides and soffit of beams and columns Sqm 44.00 and other interior and exterior RCC surfaces not contiguous to masonry. Prepare surfaces and plaster with CM 1:5(1 cement, 5 sand) ,12mm minimum thick to all interior faces of walls (sponge finish) including RCC surfaces 0 Sqm not contiguous to masonry. Necessary internal grooves of size 10mmx10mm shall be carried out as shown/directed by engineer-in-charge. **PAINTING** Prepare surfaces and paint two coats of plastic emulsion paint of approved colour over two coats of Gypsum punning of 6 mm minimum thick and primer all 0 Sqm complete as per manufacturers specifications to all ceilings in all floors. Finishing with oil bound washable Interior Emulsion of approved brand and 126.00 manufacture to give an even shade: New work (two or more coats) over and Sqm including water thinnable priming coat with cement primer Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 Sqm 21.00 ltr/10 sqm of approved brand and manufacture Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 12.00 Sqm 0.80 ltr/ 10 sqm of approved brand and manufacture Providing and applying plaster of paris putty of 2 mm thickness over plastered 28 Sqm 126.00 surface to prepare the surface even and smooth complete. Removing white or colour wash by scrapping and sand papering and preparing the Sqm 0 surface smooth including necessary repairs to scratches etc. complete Finishing with Deluxe Multi surface paint system for exteriors using Primer as per manufacturers specifications: Two or more coats applied on walls @ 1.25 ltr/10 178.00 DISMANTLING Dismantling plastered brickwalls in cement mortar including cleaning, stacking the useful materials as directed by engineer-in-charge and dumping the Cum 1.00 dismantled debris as indicated at site, levelling, consolidating, all complete as directed and disposing the debris away from site all complete as directed. Dismantling the existing RCC concrete including cutting the reinforcement, stacking the useful materials as directed by engineer-in-charge, dumping the Cum 1.00 dismantled debris as indicated at site, leveling, consolidating, all complete as directed and disposal of debris away from site all complete. Dismantling Tile Flooring and Walls and disposing the debris away from site all 33 Sqm 2.00 complete as directed

Sqm

0

Providing and laying cement concrete paver blocks of thick 80mm made out of M25 design mix of shape and profile as approved by architect .The rate should include cost of necessary excavation, COARSE SAND upto a depth of 50mm

pointing in CM 1:3 all complete as directed. (For purpose of payment total laid area in length multiplied by width in plan will be paid.) Tenderer to submit

PATHWAY

necessary pamphlets along with tender.

SCHEDULE V SCHEDULE OF WORK - DERO DEVARIA (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Dero Devaria (Sirmour District), **Himachal Pradesh** Sl No Specification Unit Quantity Rate in Rs Amount in Rs PLUMBING Providing and fixing gun metal gate valve with C.I. wheel of approved quality Sqm 2 Providing and fixing C.P. brass angle valve for basin mixer and geyserpoints of approved quality conforming to IS:8931 a) 15 mm nominal bore: 15 mm nominal Each 2 bore.Make:Hindware,Cera,Jaquar etc.. Providing and fixing PTMT Bottle Trap for Wash basin and sink. Bottle trap 38mm single piece moulded with height of 270mm, effective length of tail pipe Each 0 260mm from the centre of the waste coupling 77mm breadth with 25mm minimum water seal, weighing not less than 263gms. Providing and fixing trap of self cleansing design with screwed down orhinged grating with or without vent arm complete, including cost of cutting and making 2 good the walls and floors:100 mm inlet and 100 mm outlet Constructing brick masonry manhole in cement mortar 1:4 (1 cement: 4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand: 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating Each 0 coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design: With common burnt clay F.P.S designation 7.5 Providing and fixing square – mouth PVC. Gully trap grade "A" complete with CI grating brick masonry chamber with water tight tight CI cover with frame of Each 0 300 x 300mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design Providing and fixing white vitreous china pedestal type water closet(European type W.C. pan) with seat and lid, 10 litre low level white P.V.C.flushing cistern, including flush pipe, with manually controlled device(handle lever), conforming 2 to IS: 7231, with all fittings and fixturescomplete, including cutting and making good the walls and floors wherever required :W.C. pan with ISI marked white solid plastic seat and lid Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brasspillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and 2 brackets, cutting and making good the walls whereverrequire: White Vitreous China Wash basin size 630x450 mm with apair of 15 mm C.P. brass pillar taps Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work including cutting chases and making good the walls etc 20 mm nominal outer dia .Pipes Metre 0 32 mm nominal outer dia Pipes Metre 0 50 mm nominal outer dia Pipes Metre 0 Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as perIS: 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the wallswherever required ::(Lowest retail price of sink not less than Rs. 3150)

Each

Kitchen sink without drain board, Size -610x510 mm bowl depth 200 mm

SCHEDULE V SCHEDULE OF WORK - DERO DEVARIA (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Dero Devaria (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Providing and fixing PVC Waste pipe for sink or wash basin including PVC waste fittings complete.:Semi rigid pipe 32mm dia 3 Each Providing and fixing CP Waste coupling for wash basin and sink of approved quality, colour and make. Waste coupling 31mm of 79mm length and 62mm Each 3 breadth, weighing not less than 45 gms. Make: Hindware, Jaquar etc.., Extra for providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/stone work, including necessary holes for pillar taps etc. including moulding, rubbing Each 1 and polishing of cut edges etc. complete. Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden 2 cleats with C.P. brass screws and washers complete. Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved Each 2 quality and colour. 600mm long towel rail with total length of 645mm, width 78mm and effective height of 88mm, weighing not less than 190gms. Providing and fixing PTMT liquid soap container 109mm wide, 125mm high and 112mm distance from wall of standard shape with bracket of the same materials 2 Each with snap fittings of approved quality and colour. weighing not less than 105 gms Providing & fixing of CP Health faucet. Hand operated spray unit (instand type) 2 51 Set Providing and fixing PVC pipes for water supply arrangements including cost pipes, fittings, solvent cement,testing of pipes, labour charges etc complete : Concealed work including cutting chases and making good the wall etc 20mm dia. PVC pipe Metre 10 a b 25mm dia. PVC pipe Metre 20 32mm dia. PVC pipe Metre 0 Providing and fixing CP grating of 6mm thick with rim including setting in floor with white cement mortar and making good the floor Each 2 125mm dia Providing and fixing PVC soil, waste and vent pipe to IS: 13592 of SWR quality including all fittings, like: Bends, Tees, Elbows, Collars, junction, inspection doors, cowls, offsets, access pipes, jointing with rubber ring / solvent cement by application of leak proof adhesive like FRP paste including cutting holes in walls and floors and making good. Make:Supreme,Finolex,Prince etc.. 50mm dia Metre 0 а b 110mm dia Metre 12 **CURTAIN WORK** 1.Two range of curtain cloth - Type 1 - II. 2. Both for doors, windows and partions. 3. Assorted colours plain & prints 4. Stitched as per site/ size requirement 5. Minor modifications in stitching as per site/ size requirement 6.Preferred colour (Brown, Cream, Beige) 7. Curtain price (including cloth & curtain rod) to be quoted in Squre metre 8.Stitching for each curtain to be absorb in the price of the cloth generally 2 meters. 9.Fast colours, water wash 10.Fabric density Non Transparent Composition

SCHEDULE V SCHEDULE OF WORK - DERO DEVARIA (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Dero Devaria (Sirmour District), **Himachal Pradesh** Sl No Specification Unit Quantity Rate in Rs | Amount in Rs 11. Fabric of curtain shall be soft texture, great shading, drape effect and nice 12. The bracket shall be side mounted and front mounted as required 13. First rod mount is 3.5 inches from the wall. 14. Where curtain used as a partition/ long length, sufficient support from ceiling should be provided to avoid sagging. 15.Rate quoted for fully stitched Curtain with top nepha with punch holes after lining bucramreinforced with SS / PVC islets and lower nepha 200mm double turned. Type -I (Surgical Curtain) Curtain fabric weight shall be up to 275-300 (±5%) gsm Composition of fabric shall be polyester yarn I.E. 300 denier fast colour sink age shall be (±5%) Weft 10 Sqm and warp shall be polyester / cotton polyester mix Type - II (Window & Door Curtain) Curtain fabric weight shall be up to 250-275 (±5%) gsm Composition of fabric shall be polyester yarn I.E. 300 denier fast colour sink age shall be (±5%) Weft 0 and warp shall be polyester / cotton polyester mix FALSE CEILING & CLADDING Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building, for all heights and all levels etc. including: Structural analysis & design and preparation of shop drawings for pressure equalisation or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design. Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metalic colour of approved shades made out of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified 6.00 Sqm using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc. The fastening brackets of Aluminium alloy 6005 T5 / MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specification and drawing The item includes cost of all material & labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding, cleaning and protection of the curtain wall with aluminium composite panel cladding till the handing over of the building for occupation. Base frame work for ACP cladding is payable under the relevant aluminium item.s The Contractor shall provide curtain wall with aluminium composite panel cladding, having all the performance Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked M.S. Pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will 8.00 Sqm be paid for separately, all complete as per direction of Engineer-in-charge. Second class teak wood: 35 mm thick shutters Providing and Fixing Wooden false Ceiling comprising of a Galvanized MS frame as required covered with 12 mm thick Marine ply, followed by 6 mm premium quality MDF for making groove and finished with a natural veneer (as Sqm approved) of 3.5 mm thickness duly Spirit polished with melamine matt coating. 0 The ceiling shall be fixed to the roof soffit with adequate suspenders. The item shall be inclusive of cutting & making cutouts for lights, diffusers etc all complete. (veneer with basic cost Upto Rs:100 per sft FOR site) **Total Civil Works**

SCHEDULE OF WORK - DERO DEVARIA (SIRMOUR DISTRICT)

Sub: Civil and Electrical works for setting up of Health Wellness Center at Dero Devaria (Sirmour District),
Himachal Pradesh

Sub:	Himachal Pradesh				
Sl No	Specification	Unit	Quantity	Rate in Rs	Amount in Rs
	ELECTRICAL WORKS		Ť		
	TOTAL C.O. TO SUMMARY				
1	Point wiring in PVC conduit with modular type switch.				
	Wiring for light point/fan point/exhaust fan point /call bell point with 1.5 sq mm				
	FR PVC insulated copper conductor single core cable in surface/recessed medium				
	class PVC conduit, with modular switch, modular plate, suitable PVC box and				
	earthing the point with 1.5 sq.mm FR PVC insulated copper conductor single core				
	cable etc as required.				
	Group C	Point	5		
2	Wiring through PVC conduit				
	Wiring for circuit/submain wiring along with earth wire with the following sizes				
	of FR PVC insulated copper conductor, single core cable in surface/recessed				
	medium class PVC conduit as required.(Make:Havells/Finolex/V-guard/Polycab)				
	277. 5		10		
a	2X1.5 sq.mm + 1X1.5 sq.mm earth wire	Metre	18		
b	2X2.5 sq.mm + 1 X2.5 sq mm earth wire	Metre	12		
С	2X4 sq.mm + 1X4 sq.mm earth wire	Metre	0		
2	Talanhana wining in aviating conduits				
3	Telephone wiring in existing conduit: Supplying and drawing following pair 0.5 sq mm FR PVC insulated annealed				
	supplying and drawing following pair 0.5 sq mm FR PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed				
	steel/ PVC conduit as required.				
a	2 Pair	Metre	0		
4	A/C point	Wictic	U		
	S/F 20A SPN MCB industrial socket outlet:				
	Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with				
	2 pole and earth, metal enclosed plug top alongwith 20 amps "C" curve, SP,				
	MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover	Point	1		
	for the socket out let and complete with connections, testing and commissioning				
	etc. as required.(Make: Legrand/Havells/HPL)				
5	Modular type blanking plate:				
	Supplying and fixing modular blanking plate on the existing modular plate &	Б. 1			
	switch box excluding modular plate as required.(Make: Legrand/Havells/HPL)	Each	3		
6	Modular boxes, bases & cover plate:				
	Supplying and fixing following size/modules, GI box along with modular base &				
	cover plate for modular switches in recess etc as required.(Make:				
	Legrand/Havells/HPL)				
a	2 module	Each	1		
b	3 module	Each	4		
С	4 module	Each	1		
	6 module	Each	2		
	8 module	Each	0		
f	12 module	Each	0		
7	Modular type switch/socket:				
	Supplying and fixing following modular switch/socket on the existing modular				
	plate & switch box including connections but excluding modular plate etc as				
	required. (Make: Legrand/Havells/HPL)				
	5/6 Amns switch	Each	6		
a b	5/6 Amps switch 3 pin 5/6 Amp socket outlet	Each Each	6		
С	15/16 Amps switch	Each	2		
d	6pin 15/16 Amps (universal) socket outlet	Each	2		
e	Telephone socket outlet	Each	0		
	respective booker outlet	Lacii	U		
8	S/F PVC conduit:				
	Supplying and fixing of following sizes of medium class PVC conduit along with				
	accessories in surface/recess including cutting the wall and making good the same				
	in case of recessed conduit as required.(ISI Make)				
a	20 mm	Metre	20		
b	25 mm	Metre	15		
-				_	!

SCHEDULE V SCHEDULE OF WORK - DERO DEVARIA (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Dero Devaria (Sirmour District), **Himachal Pradesh** Sl No Specification Unit Quantity Rate in Rs Amount in Rs ITC Fluorescent fitting directly on surface: Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting/LED of all types, complete with all accessories and tube etc. Each 4 directly on ceiling/ wall, including connection with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable and earthing etc. as required. ITC Ceiling fan: Installation, testing and commissioning of ceiling fan, including wiring the down Each 0 rods of standard length (upto 30 cm) with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable etc. as required. Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular Each 0 plate etc. as required. LAYING OF CABLES CABLE LAYING Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1kV grade of following size clamped on wall surface with 1mm thick saddles as required complete. FROM Mains TO DB a 4 X 10 sq.mm Metre 15 END TERMINATION Supply and making end termination with brass compression gland, earth clip and aluminium lugs for following size of PVC insulated and PVC sheathed/XLPE aluminium conductor cable fo 1.1KV grade as required. 4 X 10 sq.mm Each 2 CABLE SUPPLY Supplying the following PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade as per CPWD standards as required. (Make:Havells/ Glostar/Nicco/Finolex/Polycab) Metre 15 4 x 10 sq.mm Supply of 15W LED tube fitting sleek with decorative end cap, powder coated CRCA steel channel complete with all electrical accessories like electronic ballast, 4 Each lamp holder, 28W LED lamp etc complete as required. (Philips / Wipro /HAVELLS) Supply and installation of 18 W CFL with its all accessories.[ISI MAKE] 16 Each 1 Supply and installation of 1200 mm sweep Ceiling fan, white colour, 5 star rated as per BEE complete with blades, down rod, shackle, canopy etc(Make 0 Havells/bajaj/usha/V-guard/crompton) Supply and installation EXHAUST FAN, SHUTTER TYPE white colour, 9" OR 10" star rated as per BEE complete with its all accessories(Make 0 Havells/bajaj/usha/V-guard) S/F of SPN MCB PDB Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) 4 way double door, horizontal type Each 0 a 6 way Double door, horizontal type 0 Each 19.2 **S/F OF SP MCB** 6/10A SP MCB Each 3 19.3 **S/F DP ISOLATOR** Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, ISOLATOR having a sensitivity current upto 100 to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc, as required.(Make: Legrand/Havells/HPL) 32 AMPS Each

	Civil and Electrical works for setting up of Health Wellness Center	r at Der	o Devaria (Sirmour Dis	strict).
Sub:	Himachal Pradesh	Simour Di	,,,		
Sl No	Specification	Unit	Quantity	Rate in Rs	Amount in Rs
20	EARTHING				
	Pipe earthing with G.I. earth pipe 2.5 metre, long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt) as required complete.	Set	1		
21	Preparation of all drawings submitting and getting approval from EB for extra load & 3phase connection with Meter, submitting of Completion certificates and arranging inspection, getting sanction and energisation certificates etc. for commissioning of the whole installation in the premises. All statutory payments(inclusive) will be reimbursed on production of the original reciepts.	Ls	0		
23.1	Miscellaneous Items Miscellaneous electrical work, removing of existing conduits and interconnections of light,6A socket/16A socket/A/C point from existing DB	LS	0		
	Total Electrical Works				
	Grand Total			Rs.	
	GST @ 18%			Rs.	
	Grand Total (In Rs. Incl. of taxes)			Rs.	

SCHEDULE OF WORK - PANCHOLA (SIRMOUR DISTRICT)

Sub: Civil and Electrical works for setting up of Health Wellness Center at Panchola (Sirmour District), Himachal Pradesh

Sub:	Pradesh				
Sl No	Specification	Unit	Quantity	Rate in Rs	Amount in Rs
	CIVIL WORKS				
	EARTH WORK				
1	"Excavate foundation in all kinds of soil including soft rock except hard rock requiring blasting part return and fill in foundation and basement in layers not exceeding 15cm in depth including watering, breaking clods and consolidating, disposing and spreading surplus earth within the site upto 1.5m depth.(No extra shall be payable for working space) Tenderer to ensure proper dewatering and shoring methods to ensure all time dry condition. Any damages of sides of foundation or collapsing of soil from sides due to excessive water seepage or surface runoff or any other cause have to be replaced with quarry dust or Malaimann at no extra cost."	Cum	34		
2	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared.		40		
3	Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material. Beyond 60 cm girth upto and including 120 cm girth	Each	0		
4	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.		36		
	CEMENT CONCRETE				
5	Cement concrete 1:4:8 (1 cement ,4 sand , 8 hard blue granite stone metal 40mm and down gauge in layers not exceeding 15 cms in depth well consolidated in foundation and levelling course under floors including necessary shuttering, in steps etc all complete as directed. R.C.C.WORK	Cum	6.00		
6	"RCC M20 (Design Mix) using hard blue granite metal 20mm and down gauge including centering, shuttering, curing etc., compelete but excluding cost of reinforcement Note: Polythene sheet shall be provided under the slabs."				
a	In Foundation, Footing and bed blocks at all levels.	Cum	2		
b	In Suspended roof slab of required thicknes	Cum	0		
С	In Ground Floor	Cum	8.00		
7	Providing, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete in lintels, beams and bressumers, including setting in cement mortar 1:3 (1 cement : 3 coarse sand), cost of required centering and shuttering but , excluding the cost of reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size)	Cum	8.00		
8	"High Yield Strength Deformed bars in all RCC items & floorings General Note: Sizes of RCC elements shown in the drawing are only indicative and subject to change .No extra shall be payable on this account. Any change in size of concrete elements resulting in change of area of shuttering due to change in quantity of concrete shall also not be payable""	M.T	2.00		
	MASONRY WORK				
9	Brickwork of locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in cement mortar 1:5 (1 cement, 5 sand) in foundation and plinth. No extra payment will be paid for any shape or size, turnings, fins, etc unless otherwise specified seperately.	Cum	0		

SCHEDULE V SCHEDULE OF WORK - PANCHOLA (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Panchola (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded Cum 3 stone aggregate 20 mm nominal size) upto plinth level with : Cement mortar 1:6 (1 cement : 6 coarse sand) 66mm overall thickness partition using 8mm thick double skin multipurpose cement board reinforced with cellulose fibre manufactured through autoclaving 98.00 Sqm process (High pressure steam cured) as per IS: 14862 with suitable fibre cement screws Half brickwork with locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in CM 1:3 (1 cement 3 sand) and reinforced with two numbers of 6mm dia. M.S rods at every fourth course embedded in cement mortar 1:4 for partitions. In Ground Floor Sqm 6.00 FLOORING Providing & laying first class full body vitrified ceramic tile of make Kajaria/ Restile/Johnson or equivqlent of size 600mmx600mmx 9.5mm or approved size of approved colour (matt finish) in flooring using spacer of required size (2mm-4mm) from endura or equivalent over a bed of cement mortar 1:4 of required thickness to match finished floor level mentioned and to match the neighbouring Sqm 42.00 floor finish and jointed with epoxy grout of approved shade from Bal Endura or equivalent brand all complete as directed.(Basic cost of tile - Rs.85/sft).Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area. No extra shall be payable for forming any pattern in the flooring like border, cut tiles.etc. Providing and laying 600mm x 600mm or required size from Kajaria/ Restile/Johnson glazed tiles of plain series(Satin finish) in dado set in CM 1:3 with joints so as to form a true & even surface and joints finished neatly with white cement mixed with matching pigments all complete as directed. (Rate should include base plastering with CM 1:5 of required thickness.) 28.00 Sqm The rate shall include cost of providing 6mmx6mm groove in the plastering at top of the tile all complete as directed.(Basic cost of tile - Rs.85/sft). Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area. No extra shall be payable for forming any pattern like border, etc. Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints Sqm 19.00 treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite of any colour and shade. Area of slab over 0.50 sqm STEEL WORK Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes. channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top MT 0.02 of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in incharge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).

SCHEDULE V SCHEDULE OF WORK - PANCHOLA (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Panchola (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Structural steel work riveted, bolted or welded in built up sections, trusses and MT 0.10 framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. CARPENTRY WORK Providing and fixing factory made uPVC white colour casement/ casement cum fixed glazed windows comprising of uPVC multichampered frame, sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, stainless steel (SS 304 grade) friction hinges, zinc alloy (white powder coated) casement handles, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After 6.00 fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately) Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable. Casement window double panels with top fixed with S.S. friction hinges (350 x 19 x 1.9 mm) made of (small series) frame 47 x 50 mm, sash 47 x 68 mm & mullion 47 x 68 mm all having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area of window upto 2.50 sqm). 24 mm thick factory made PVC door shutters made of styles and rails of a uPVC hollow section of size 59x24 mm and wall thickness 2 mm (± 0.2 mm) with inbuilt edging on both sides. The styles and rails mitred and joint at the corners by means of M.S. galvanised/ plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 20x20 mm and 1 mm (± 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x24 mm and 2 mm (± 0.2 mm) wall thickness, fixed to the shutter styles by 4.00 Sqm means of plastic/galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (± 0.1 mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge. (For W.C. and bathroom door shutter). Providing and fixing cup board shutters 25 mm thick, with Pre-laminated flat pressed three layer particle board or graded wood particle board IS: 12823 marked, exterior grade (Grade 1 Type II), having one side decorative lamination Sam 5.00 and other side balancing lamination, including IInd class teak wood lipping of 25 mm wide x12 mm thick with necessary screws and bright finished stainless steel piano hinges, complete as per direction of the Engineer-in-Charge ROOFING Supplying and embedding P.V.C rain water pipes of approved quality embedded inside the RC columns/masonry in position with all necessary specials like shoes, bends or any other specials required to suit site conditions etc., jointed with wavin cement and lubricants with necessary MS R.M 12.00 clamps, brackets, bolts and nuts all complete as directed. 110mm dia-6kg/sq.cm"

SCHEDULE OF WORK - PANCHOLA (SIRMOUR DISTRICT)

Sub: Civil and Electrical works for setting up of Health Wellness Center at Panchola (Sirmour District), Himachal Pradesh

a				
Specification	Unit	Quantity	Rate in Rs	Amount in Rs
PLASTERING Prepare surfaces and plaster with CM 1:3(1 cement, 3 sand),12mm minimum thick (sponge finish) to ceiling sides and soffit of beams and columns and other interior and exterior RCC surfaces not contiguous to masonry.	Sqm	44.00		
Prepare surfaces and plaster with CM 1:5(1 cement, 5 sand) ,12mm minimum thick to all interior faces of walls (sponge finish) including RCC surfaces not contiguous to masonry.Necessary internal grooves of size 10mmx10mm	Sqm	0		
PAINTING				
Prepare surfaces and paint two coats of plastic emulsion paint of approved colour over two coats of Gypsum punning of 6 mm minimum thick and primer all complete as per manufacturers specifications to all ceilings in all floors.	Sqm	0		
Finishing with oil bound washable Interior Emulsion of approved brand and manufacture to give an even shade: New work (two or more coats) over and including water thinnable priming coat with cement primer	Sqm	126.00		
Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufacture	Sqm	21.00		
Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture	Sqm	12.00		
Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	Sqm	126.00		
Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	Sqm	0		
Finishing with Deluxe Multi surface paint system for exteriors using Primer as per manufacturers specifications: Two or more coats applied on walls @ 1.25 ltr/10 sqm	Sqm	178.00		
DICM A NITH INC				
Dismantling plastered brickwalls in cement mortar including cleaning,	Cum	1.00		
Dismantling the existing RCC concrete including cutting the reinforcement, stacking the useful materials as directed by engineer-in-charge, dumping the dismantled debris as indicated at site, leveling, consolidating, all complete as directed and disposal of debris away from site all complete.	Cum	1.00		
Dismantling Tile Flooring and Walls and disposing the debris away from site all complete as directed.	Sqm	2.00		
PATHWAY				
Providing and laying cement concrete paver blocks of thick 80mm made out of M25 design mix of shape and profile as approved by architect .The rate should include cost of necessary excavation, COARSE SAND upto a depth of 50mm pointing in CM 1:3 all complete as directed.(For purpose of payment total laid area in length multiplied by width in plan will be paid.) Tenderer to submit necessary pamphlets along with tender.	Sqm	0		
	Prepare surfaces and plaster with CM 1:3(1 cement, 3 sand), 12mm minimum thick (sponge finish) to ceiling sides and soffit of beams and columns and other interior and exterior RCC surfaces not contiguous to masonry. Prepare surfaces and plaster with CM 1:5(1 cement, 5 sand), 12mm minimum thick to all interior faces of walls (sponge finish) including RCC surfaces not contiguous to masonry. Necessary internal grooves of size 10mmx10mm shall be carried out as shown/directed by engineer-in-charge. PAINTING Prepare surfaces and paint two coats of plastic emulsion paint of approved colour over two coats of Gypsum punning of 6 mm minimum thick and primer all complete as per manufacturers specifications to all ceilings in all floors. Finishing with oil bound washable Interior Emulsion of approved brand and manufacture to give an even shade: New work (two or more coats) over and including water thinnable priming coat with cement primer Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.75 ltr/10 sqm of approved brand and manufacture Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/10 sqm of approved brand and manufacture Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete. Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete Finishing with Deluxe Multi surface paint system for exteriors using Primer as per manufacturers specifications: Two or more coats applied on walls @ 1.25 ltr/10 sqm DISMANTLING Dismantling plastered brickwalls in cement mortar including cleaning, stacking the useful materials as directed by engineer-in-charge and dumping the dismantled debris as indicated at site, leveling, consolidating, all com	Prepare surfaces and plaster with CM 1:3(1 cement, 3 sand), 12mm minimum thick (sponge finish) to ceiling sides and softh of beams and columns and other interior and exterior RCC surfaces not contiguous to masonry. Prepare surfaces and plaster with CM 1:5(1 cement, 5 sand), 12mm minimum thick to all interior faces of walls (sponge finish) including RCC surfaces not contiguous to masonry. Necessary internal grooves of size 10mmx10mm shall be carried out as shown/directed by engineer-in-charge. PAINTING Prepare surfaces and paint two coats of plastic emulsion paint of approved colour over two coats of Gypsum punning of 6 mm minimum thick and primer all complete as per manufacturers specifications to all ceilings in all floors. Finishing with oil bound washable Interior Emulsion of approved brand and manufacture to give an even shade: New work (two or more coats) over and including water thinnable priming coat with cement primer Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.75 ltr/10 sqm of approved brand and manufacture Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.75 ltr/10 sqm of approved brand and manufacture Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete. Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete Finishing with Deluxe Multi surface paint system for exteriors using Primer as per manufacturers specifications: Two or more coats applied on walls @ 1.25 ltr/10 sqm DISMANTLING Dismantling plastered brickwalls in cement mortar including cleaning, stacking the useful materials as directed by engineer-in-charge, dumping the dismantled debris as indicated at site, levelling, consolidating, all complet	Prepare surfaces and plaster with CM 1:3(1 cement, 3 sand), 12mm minimum thick (sponge finish) to ceiling sides and soffit of beams and columns and other interior and exterior RCC surfaces not configuous to masonry. Prepare surfaces and plaster with CM 1:5(1 cement, 5 sand), 12mm minimum thick to all interior faces of walls (sponge finish) including RCC surfaces not configuous to masonry. Necessary internal grooves of size 10mmx10mm shall be carried out as shown/directed by engineer-in-charge. PAINTING PAINTING Prepare surfaces and paint two coats of plastic emulsion paint of approved colour over two coats of Gypsum punning of 6 mm minimum thick and primer all complete as per manufacturers specifications to all ceilings in all floors. Finishing with oil bound washable Interior Emulsion of approved brand and manufacture to give an even shade: New work (two or more coats) over and including water thinnable priming coat with cement primer Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied © 0.90 ltr/10 sqm over an under coat of primer applied @ 0.75 ltr/10 sqm of approved brand and manufacture Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied © 0.90 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/10 sqm or approved brand and manufacture Providing and applying plaster of paris puty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete. Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete Finishing with Deluxe Multi surface paint system for exteriors using Primer as per manufacturers specifications: Two or more coats applied on walls @ 1.25 ltr/10 sqm DISMANTLING Dismantling plastered brickwalls in cement mortar including cleaning stacking the useful materials as directed by engineer-in-charge, dumping the dismantled debris as indicated at site, leveling, consolidating, al	Pepare surfaces and plaster with CM 13(1 cement, 3 sand). 12mm minimum thick (sponge finish) to eciling sides and soffit of beams and columns and other interior and exterior RCC surfaces not contiguous to masonny. Prepare surfaces and plaster with CM 15(1 cement, 5 sand), 12mm minimum thick to all interior faces of walls (sponge finish) including RCC surfaces not contiguous to masonny. Necessary internal grooves of size 10mmx10mm shall be carried out as shown/directed by engineer-in-charge. PAINTING

SCHEDULE V SCHEDULE OF WORK - PANCHOLA (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Panchola (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs | Amount in Rs PLUMBING Providing and fixing gun metal gate valve with C.I. wheel of approved quality Sqm 2 Providing and fixing C.P. brass angle valve for basin mixer and geyserpoints of approved quality conforming to IS:8931 a) 15 mm nominal bore: 15 mm nominal 2 Each bore.Make:Hindware,Cera,Jaquar etc.. Providing and fixing PTMT Bottle Trap for Wash basin and sink. Bottle trap 38mm single piece moulded with height of 270mm, effective length of tail pipe Each 0 260mm from the centre of the waste coupling 77mm breadth with 25mm minimum water seal, weighing not less than 263gms. Providing and fixing trap of self cleansing design with screwed down orhinged grating with or without vent arm complete, including cost of cutting and making 2 good the walls and floors:100 mm inlet and 100 mm outlet Constructing brick masonry manhole in cement mortar 1:4 (1 cement: 4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand: 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating Each 0 coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design: With common burnt clay F.P.S designation 7.5 Providing and fixing square – mouth PVC. Gully trap grade "A" complete with CI grating brick masonry chamber with water tight tight CI cover with frame of Each 0 300 x 300mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design Providing and fixing white vitreous china pedestal type water closet(European type W.C. pan) with seat and lid, 10 litre low level white P.V.C.flushing cistern, including flush pipe, with manually controlled device(handle lever), conforming 2 to IS: 7231, with all fittings and fixturescomplete, including cutting and making good the walls and floors wherever required :W.C. pan with ISI marked white solid plastic seat and lid Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brasspillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and 2 brackets, cutting and making good the walls whereverrequire: White Vitreous China Wash basin size 630x450 mm with apair of 15 mm C.P. brass pillar taps Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work including cutting chases and making good the walls etc 20 mm nominal outer dia .Pipes Metre 0 32 mm nominal outer dia Pipes Metre 0 50 mm nominal outer dia Pipes Metre 0 Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as perIS: 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the wallswherever required ::(Lowest retail

Each

price of sink not less than Rs. 3150)

Kitchen sink without drain board, Size -610x510 mm bowl depth 200 mm

SCHEDULE V SCHEDULE OF WORK - PANCHOLA (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Panchola (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Providing and fixing PVC Waste pipe for sink or wash basin including PVC waste fittings complete.:Semi rigid pipe 32mm dia 3 Each Providing and fixing CP Waste coupling for wash basin and sink of approved quality, colour and make. Waste coupling 31mm of 79mm length and 62mm Each 3 breadth, weighing not less than 45 gms. Make: Hindware, Jaquar etc.., Extra for providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/stone work, including necessary holes for pillar taps etc. including moulding, rubbing Each 2 and polishing of cut edges etc. complete. Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden 2 cleats with C.P. brass screws and washers complete. Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved Each 2 quality and colour. 600mm long towel rail with total length of 645mm, width 78mm and effective height of 88mm, weighing not less than 190gms. Providing and fixing PTMT liquid soap container 109mm wide, 125mm high and 112mm distance from wall of standard shape with bracket of the same materials 2 Each with snap fittings of approved quality and colour. weighing not less than 105 gms Providing & fixing of CP Health faucet. Hand operated spray unit (instand type) 51 Set 2 Providing and fixing PVC pipes for water supply arrangements including cost pipes, fittings, solvent cement,testing of pipes, labour charges etc complete : Concealed work including cutting chases and making good the wall etc 20mm dia. PVC pipe Metre 10 a b 25mm dia. PVC pipe Metre 20 32mm dia. PVC pipe Metre 0 Providing and fixing CP grating of 6mm thick with rim including setting in floor with white cement mortar and making good the floor Each 2 125mm dia Providing and fixing PVC soil, waste and vent pipe to IS: 13592 of SWR quality including all fittings, like: Bends, Tees, Elbows, Collars, junction, inspection doors, cowls, offsets, access pipes, jointing with rubber ring / solvent cement by application of leak proof adhesive like FRP paste including cutting holes in walls and floors and making good. Make:Supreme,Finolex,Prince etc.. 50mm dia Metre 0 а b 110mm dia Metre 12 **CURTAIN WORK** 1.Two range of curtain cloth - Type 1 - II. 2. Both for doors, windows and partions. 3. Assorted colours plain & prints 4. Stitched as per site/ size requirement 5. Minor modifications in stitching as per site/ size requirement 6.Preferred colour (Brown, Cream, Beige) 7. Curtain price (including cloth & curtain rod) to be quoted in Squre metre 8. Stitching for each curtain to be absorb in the price of the cloth generally 2 meters. 9. Fast colours, water wash

10.Fabric density Non Transparent Composition

SCHEDULE V SCHEDULE OF WORK - PANCHOLA (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Panchola (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs | Amount in Rs 11. Fabric of curtain shall be soft texture, great shading, drape effect and nice 12. The bracket shall be side mounted and front mounted as required 13. First rod mount is 3.5 inches from the wall. 14. Where curtain used as a partition/ long length, sufficient support from ceiling should be provided to avoid sagging. 15.Rate quoted for fully stitched Curtain with top nepha with punch holes after lining bucramreinforced with SS / PVC islets and lower nepha 200mm double turned. Type -I (Surgical Curtain) Curtain fabric weight shall be up to 275-300 (±5%) gsm Composition of fabric shall be polyester yarn I.E. 300 denier fast colour sink age shall be (±5%) Weft 10 Sqm and warp shall be polyester / cotton polyester mix Type - II (Window & Door Curtain) Curtain fabric weight shall be up to 250-275 (±5%) gsm Composition of fabric shall be polyester yarn I.E. 300 denier fast colour sink age shall be (±5%) Weft 0 and warp shall be polyester / cotton polyester mix FALSE CEILING & CLADDING Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building, for all heights and all levels etc. including: Structural analysis & design and preparation of shop drawings for pressure equalisation or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design. Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metalic colour of approved shades made out of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified 6.00 Sqm using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc. The fastening brackets of Aluminium alloy 6005 T5 / MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specification and drawing The item includes cost of all material & labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding, cleaning and protection of the curtain wall with aluminium composite panel cladding till the handing over of the building for occupation. Base frame work for ACP cladding is payable under the relevant aluminium item.s The Contractor shall provide curtain wall with aluminium composite panel cladding, having all the performance Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked M.S. Pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will 8.00 Sqm be paid for separately, all complete as per direction of Engineer-in-charge. Second class teak wood: 35 mm thick shutters Providing and Fixing Wooden false Ceiling comprising of a Galvanized MS frame as required covered with 12 mm thick Marine ply, followed by 6 mm premium quality MDF for making groove and finished with a natural veneer (as approved) of 3.5 mm thickness duly Spirit polished with melamine matt coating. Sqm 0 The ceiling shall be fixed to the roof soffit with adequate suspenders. The item shall be inclusive of cutting & making cutouts for lights, diffusers etc all complete. (veneer with basic cost Upto Rs:100 per sft FOR site)

Total Civil Works

SCHEDULE OF WORK - PANCHOLA (SIRMOUR DISTRICT)

Sub: Civil and Electrical works for setting up of Health Wellness Center at Panchola (Sirmour District), Himachal Pradesh

Sub:	Pradesh				
Sl No	Specification	Unit	Quantity	Rate in Rs	Amount in Rs
	ELECTRICAL WORKS				
	TOTAL C.O. TO SUMMARY				
1	Point wiring in PVC conduit with modular type switch.				
	Wiring for light point/fan point/exhaust fan point /call bell point with 1.5 sq mm				
	FR PVC insulated copper conductor single core cable in surface/recessed medium				
	class PVC conduit, with modular switch, modular plate, suitable PVC box and				
	earthing the point with 1.5 sq.mm FR PVC insulated copper conductor single core				
	cable etc as required.				
	Group C	Point	5		
2	Wiring through PVC conduit				
	Wiring for circuit/submain wiring along with earth wire with the following sizes				
	of FR PVC insulated copper conductor, single core cable in surface/recessed				
	medium class PVC conduit as required.(Make:Havells/Finolex/V-guard/Polycab)				
a	2X1.5 sq.mm + 1X1.5 sq.mm earth wire	Metre	18		
b	2X2.5 sq.mm + 1 X2.5 sq mm earth wire	Metre	12		
c	2X4 sq.mm + 1X4 sq.mm earth wire	Metre	0		
	-				
3	Telephone wiring in existing conduit:				
	Supplying and drawing following pair 0.5 sq mm FR PVC insulated annealed				
	copper conductor, unarmored telephone cable in the existing surface/ recessed				
	steel/ PVC conduit as required.				
a	2 Pair	Metre	0		
4	A/C point				
	S/F 20A SPN MCB industrial socket outlet:				
	Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with				
	2 pole and earth, metal enclosed plug top alongwith 20 amps "C" curve, SP,	Point	1		
	MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover				
	for the socket out let and complete with connections, testing and commissioning				
	etc. as required.(Make: Legrand/Havells/HPL)				
5	Modular type blanking plate:				
	Supplying and fixing modular blanking plate on the existing modular plate &	Each	3		
	switch box excluding modular plate as required.(Make: Legrand/Havells/HPL)	Laci			
6	Modular boxes, bases & cover plate:				
	Supplying and fixing following size/modules, GI box along with modular base &				
	cover plate for modular switches in recess etc as required.(Make:				
	Legrand/Havells/HPL)				
a	2 module	Each	1		
b	3 module	Each	4		
c	4 module	Each	1		
	6 module	Each	2		
e	8 module	Each	0		
f	12 module	Each	0		
7	Modular type switch/socket:				
	Supplying and fixing following modular switch/socket on the existing modular				
	plate & switch box including connections but excluding modular plate etc as				
	required. (Make: Legrand/Havells/HPL)				
	5/6 Amma avritak	D1	-		
a 1-	5/6 Amps switch	Each	6		
b	3 pin 5/6 Amp socket outlet	Each	6		
С	15/16 Amps switch	Each	2		
d	6pin 15/16 Amps (universal) socket outlet	Each	2		
e	Telephone socket outlet	Each	0		
0	C/E DVC conduits				
8	S/F PVC conduit: Supplying and fixing of following sizes of medium class PVC conduit along with				
	accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required (ISI Make)				
_	in case of recessed conduit as required.(ISI Make) 20 mm	Matea	20		
a b		Metre	20 15		
υ	25 mm	Metre	13		

SCHEDULE V SCHEDULE OF WORK - PANCHOLA (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Panchola (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs ITC Fluorescent fitting directly on surface: Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting/LED of all types, complete with all accessories and tube etc. Each 4 directly on ceiling/ wall, including connection with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable and earthing etc. as required. ITC Ceiling fan: Installation, testing and commissioning of ceiling fan, including wiring the down Each 0 rods of standard length (upto 30 cm) with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable etc. as required. Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular 0 plate etc. as required. LAYING OF CABLES CABLE LAYING Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1kV grade of following size clamped on wall surface with 1mm thick saddles as required complete. FROM Mains TO DB a Metre 15 4 X 10 sq.mm END TERMINATION Supply and making end termination with brass compression gland, earth clip and aluminium lugs for following size of PVC insulated and PVC sheathed/XLPE aluminium conductor cable fo 1.1KV grade as required. 4 X 10 sq.mm Each 2 CABLE SUPPLY Supplying the following PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade as per CPWD standards as required. (Make:Havells/ Glostar/Nicco/Finolex/Polycab) Metre 15 4 x 10 sq.mm Supply of 15W LED tube fitting sleek with decorative end cap, powder coated CRCA steel channel complete with all electrical accessories like electronic ballast, 4 Each lamp holder, 28W LED lamp etc complete as required. (Philips / Wipro /HAVELLS) Supply and installation of 18 W CFL with its all accessories.[ISI MAKE] 16 Each 1 Supply and installation of 1200 mm sweep Ceiling fan, white colour, 5 star rated as per BEE complete with blades, down rod, shackle, canopy etc(Make 0 Havells/bajaj/usha/V-guard/crompton) Supply and installation EXHAUST FAN, SHUTTER TYPE white colour, 9" OR 10" star rated as per BEE complete with its all accessories(Make 0 Havells/bajaj/usha/V-guard) S/F of SPN MCB PDB Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) 4 way double door, horizontal type Each 1 a 6 way Double door, horizontal type Each 0 19.2 **S/F OF SP MCB** 6/10A SP MCB Each 2 19.3 **S/F DP ISOLATOR** Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, ISOLATOR having a sensitivity current upto 100 to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc, as required.(Make: Legrand/Havells/HPL)

Each

32 AMPS

Sub:	SCHEDULE OF WORK - PANCHOLA (SII Civil and Electrical works for setting up of Health Wellness Center				t), Himachal
Sub:	Pradesh				
Sl No	Specification	Unit	Quantity	Rate in Rs	Amount in R
20	EARTHING				
	Pipe earthing with G.I. earth pipe 2.5 metre, long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt) as required complete.	Set	1		
21	Preparation of all drawings submitting and getting approval from EB for extra load & 3phase connection with Meter, submitting of Completion certificates and arranging inspection, getting sanction and energisation certificates etc. for commissioning of the whole installation in the premises. All statutory payments(inclusive) will be reimbursed on production of the original reciepts.		0		
23	Miscellaneous Items				
23.1	Miscellaneous riems Miscellaneous electrical work, removing of existing conduits and interconnections of light,6A socket/16A socket/A/C point from existing DB	LS	0		
	Total Electrical Works				
	Grand Total			Rs.	
	GST @ 18%			Rs.	
	Grand Total (In Rs. Incl. of taxes)			Rs.	

SCHEDULE V SCHEDULE OF WORK - LANA MASHURI (SIRMOUR DISTRICT)

Sub: Civil and Electrical works for setting up of Health Wellness Center at Lana Mashuri (Sirmour District),

Sub:	Himachal Pradesh				
Sl No	Specification	Unit	Quantity	Rate in Rs	Amount in Rs
	CIVIL WORKS				
1	"Excavate foundation in all kinds of soil including soft rock except hard rock requiring blasting part return and fill in foundation and basement in layers not exceeding 15cm in depth including watering, breaking clods and consolidating, disposing and spreading surplus earth within the site upto 1.5m depth.(No extra shall be payable for working space) Tenderer to ensure proper dewatering and shoring methods to ensure all time dry condition. Any damages of sides of foundation or collapsing of soil from sides due to excessive water seepage or surface runoff or any other cause have to be replaced with quarry dust or Malaimann at no extra cost."		34		
2	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared.	Sqm	40		
3	Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material. Beyond 60 cm girth upto and including 120 cm girth	Each	0		
4	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.		8		
	CEMENT CONCRETE				
5	Cement concrete 1:4:8 (1 cement ,4 sand , 8 hard blue granite stone metal 40mm and down gauge in layers not exceeding 15 cms in depth well consolidated in foundation and levelling course under floors including necessary shuttering, in steps etc all complete as directed. R.C.C.WORK	Cum	6.00		
6	"RCC M20 (Design Mix) using hard blue granite metal 20mm and down gauge including centering, shuttering, curing etc., compelete but excluding cost of reinforcement Note: Polythene sheet shall be provided under the slabs."				
a	In Foundation, Footing and bed blocks at all levels.	Cum	2		
b	In Suspended roof slab of required thicknes	Cum	0		
С	In Ground Floor	Cum	8.00		
		Cuili	0.00		
7	Providing, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete in lintels, beams and bressumers, including setting in cement mortar 1:3 (1 cement : 3 coarse sand), cost of required centering and shuttering but , excluding the cost of reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size)	Cum	8.00		
8	"High Yield Strength Deformed bars in all RCC items & floorings General Note: Sizes of RCC elements shown in the drawing are only indicative and subject to change .No extra shall be payable on this account. Any change in size of concrete elements resulting in change of area of shuttering due to change in quantity of concrete shall also not be payable""	М.Т	1.80		
	MASONRY WORK				
9	Brickwork of locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in cement mortar 1:5 (1 cement,5 sand) in foundation and plinth. No extra payment will be paid for any shape or size,turnings, fins, etc unless otherwise specified seperately.	Cum	0		

SCHEDULE V SCHEDULE OF WORK - LANA MASHURI (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Lana Mashuri (Sirmour District), **Himachal Pradesh** Sl No Specification Unit Quantity Rate in Rs Amount in Rs Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded 0 stone aggregate 20 mm nominal size) upto plinth level with : Cement mortar 1:6 (1 cement : 6 coarse sand) 66mm overall thickness partition using 8mm thick double skin multipurpose cement board reinforced with cellulose fibre manufactured through autoclaving 98.00 Sqm process (High pressure steam cured) as per IS: 14862 with suitable fibre cement screws Half brickwork with locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in CM 1:3 (1 cement 3 sand) and reinforced with two numbers of 6mm dia. M.S rods at every fourth course embedded in cement mortar 1:4 for partitions. In Ground Floor Sqm 6.00 FLOORING Providing & laying first class full body vitrified ceramic tile of make Kajaria/ Restile/Johnson or equivqlent of size 600mmx600mmx 9.5mm or approved size of approved colour (matt finish) in flooring using spacer of required size (2mm-4mm) from endura or equivalent over a bed of cement mortar 1:4 of required thickness to match finished floor level mentioned and to match the neighbouring Sqm 42.00 floor finish and jointed with epoxy grout of approved shade from Bal Endura or equivalent brand all complete as directed.(Basic cost of tile - Rs.85/sft).Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area. No extra shall be payable for forming any pattern in the flooring like border, cut tiles.etc. Providing and laying 600mm x 600mm or required size from Kajaria/ Restile/Johnson glazed tiles of plain series(Satin finish) in dado set in CM 1:3 with joints so as to form a true & even surface and joints finished neatly with white cement mixed with matching pigments all complete as directed. (Rate should include base plastering with CM 1:5 of required thickness.) 28.00 Sqm The rate shall include cost of providing 6mmx6mm groove in the plastering at top of the tile all complete as directed.(Basic cost of tile - Rs.85/sft). Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area. No extra shall be payable for forming any pattern like border, etc. Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints Sqm 19.00 treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite of any colour and shade. Area of slab over 0.50 sqm STEEL WORK Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top MT 0.02 of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in incharge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).

SCHEDULE V SCHEDULE OF WORK - LANA MASHURI (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Lana Mashuri (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Structural steel work riveted, bolted or welded in built up sections, trusses and MT 0.10 framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. CARPENTRY WORK Providing and fixing factory made uPVC white colour casement/ casement cum fixed glazed windows comprising of uPVC multichampered frame, sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 \pm 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, stainless steel (SS 304 grade) friction hinges, zinc alloy (white powder coated) casement handles, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After 6.00 fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately) Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable. Casement window double panels with top fixed with S.S. friction hinges (350 x 19 x 1.9 mm) made of (small series) frame 47 x 50 mm, sash 47 x 68 mm & mullion 47 x 68 mm all having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area of window upto 2.50 sqm). 24 mm thick factory made PVC door shutters made of styles and rails of a uPVC hollow section of size 59x24 mm and wall thickness 2 mm (± 0.2 mm) with inbuilt edging on both sides. The styles and rails mitred and joint at the corners by means of M.S. galvanised/ plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 20x20 mm and 1 mm (± 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x24 mm and 2 mm (± 0.2 mm) wall thickness, fixed to the shutter styles by 4.00 Sqm means of plastic/galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (± 0.1 mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge. (For W.C. and bathroom door shutter). Providing and fixing cup board shutters 25 mm thick, with Pre-laminated flat pressed three layer particle board or graded wood particle board IS: 12823 marked, exterior grade (Grade 1 Type II), having one side decorative lamination Sam 5.00 and other side balancing lamination, including IInd class teak wood lipping of 25 mm wide x12 mm thick with necessary screws and bright finished stainless steel piano hinges, complete as per direction of the Engineer-in-Charge ROOFING Supplying and embedding P.V.C rain water pipes of approved quality embedded inside the RC columns/masonry in position with all necessary specials like shoes, bends or any other specials required to suit site conditions etc., jointed with wavin cement and lubricants with necessary MS R.M 12.00 clamps, brackets, bolts and nuts all complete as directed. 110mm dia-6kg/sq.cm"

SCHEDULE V SCHEDULE OF WORK - LANA MASHURI (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Lana Mashuri (Sirmour District), **Himachal Pradesh** Sl No Specification Unit Quantity Rate in Rs Amount in Rs PLASTERING Prepare surfaces and plaster with CM 1:3(1 cement, 3 sand) ,12mm minimum thick (sponge finish) to ceiling sides and soffit of beams and columns Sqm 44.00 and other interior and exterior RCC surfaces not contiguous to masonry. Prepare surfaces and plaster with CM 1:5(1 cement, 5 sand) ,12mm minimum thick to all interior faces of walls (sponge finish) including RCC surfaces 0 Sqm not contiguous to masonry. Necessary internal grooves of size 10mmx10mm shall be carried out as shown/directed by engineer-in-charge. **PAINTING** Prepare surfaces and paint two coats of plastic emulsion paint of approved colour over two coats of Gypsum punning of 6 mm minimum thick and primer all 0 Sqm complete as per manufacturers specifications to all ceilings in all floors. Finishing with oil bound washable Interior Emulsion of approved brand and 126.00 manufacture to give an even shade: New work (two or more coats) over and Sqm including water thinnable priming coat with cement primer Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 Sqm 21.00 ltr/10 sqm of approved brand and manufacture Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 12.00 Sqm 0.80 ltr/ 10 sqm of approved brand and manufacture Providing and applying plaster of paris putty of 2 mm thickness over plastered 28 Sqm 126.00 surface to prepare the surface even and smooth complete. Removing white or colour wash by scrapping and sand papering and preparing the Sqm 0 surface smooth including necessary repairs to scratches etc. complete Finishing with Deluxe Multi surface paint system for exteriors using Primer as per manufacturers specifications: Two or more coats applied on walls @ 1.25 ltr/10 178.00 DISMANTLING Dismantling plastered brickwalls in cement mortar including cleaning, stacking the useful materials as directed by engineer-in-charge and dumping the Cum 1.00 dismantled debris as indicated at site, levelling, consolidating, all complete as directed and disposing the debris away from site all complete as directed. Dismantling the existing RCC concrete including cutting the reinforcement, stacking the useful materials as directed by engineer-in-charge, dumping the Cum 1.00 dismantled debris as indicated at site, leveling, consolidating, all complete as directed and disposal of debris away from site all complete. Dismantling Tile Flooring and Walls and disposing the debris away from site all 33 Sqm 2.00 complete as directed PATHWAY Providing and laying cement concrete paver blocks of thick 80mm made out of M25 design mix of shape and profile as approved by architect .The rate should include cost of necessary excavation, COARSE SAND upto a depth of 50mm

pointing in CM 1:3 all complete as directed.(For purpose of payment total laid area in length multiplied by width in plan will be paid.) Tenderer to submit

necessary pamphlets along with tender.

Sqm

0

SCHEDULE V SCHEDULE OF WORK - LANA MASHURI (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Lana Mashuri (Sirmour District), **Himachal Pradesh** Sl No Specification Unit Quantity Rate in Rs Amount in Rs PLUMBING Providing and fixing gun metal gate valve with C.I. wheel of approved quality Sqm 2 Providing and fixing C.P. brass angle valve for basin mixer and geyserpoints of approved quality conforming to IS:8931 a) 15 mm nominal bore: 15 mm nominal Each 2 bore.Make:Hindware,Cera,Jaquar etc.. Providing and fixing PTMT Bottle Trap for Wash basin and sink. Bottle trap 38mm single piece moulded with height of 270mm, effective length of tail pipe Each 0 260mm from the centre of the waste coupling 77mm breadth with 25mm minimum water seal, weighing not less than 263gms. Providing and fixing trap of self cleansing design with screwed down orhinged grating with or without vent arm complete, including cost of cutting and making 2 good the walls and floors:100 mm inlet and 100 mm outlet Constructing brick masonry manhole in cement mortar 1:4 (1 cement: 4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand: 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating Each 0 coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design: With common burnt clay F.P.S designation 7.5 Providing and fixing square – mouth PVC. Gully trap grade "A" complete with CI grating brick masonry chamber with water tight tight CI cover with frame of Each 0 300 x 300mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design Providing and fixing white vitreous china pedestal type water closet(European type W.C. pan) with seat and lid, 10 litre low level white P.V.C.flushing cistern, including flush pipe, with manually controlled device(handle lever), conforming 2 to IS: 7231, with all fittings and fixturescomplete, including cutting and making good the walls and floors wherever required :W.C. pan with ISI marked white solid plastic seat and lid Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brasspillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and 2 brackets, cutting and making good the walls whereverrequire: White Vitreous China Wash basin size 630x450 mm with apair of 15 mm C.P. brass pillar taps Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work including cutting chases and making good the walls etc 20 mm nominal outer dia .Pipes Metre 0 32 mm nominal outer dia Pipes Metre 0 50 mm nominal outer dia Pipes Metre 0 Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as perIS: 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the wallswherever required ::(Lowest retail price of sink not less than Rs. 3150) Kitchen sink without drain board, Size -610x510 mm bowl depth 200 mm Each

SCHEDULE V SCHEDULE OF WORK - LANA MASHURI (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Lana Mashuri (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Providing and fixing PVC Waste pipe for sink or wash basin including PVC waste fittings complete.:Semi rigid pipe 32mm dia 3 Each Providing and fixing CP Waste coupling for wash basin and sink of approved quality, colour and make. Waste coupling 31mm of 79mm length and 62mm Each 3 breadth, weighing not less than 45 gms. Make: Hindware, Jaquar etc.., Extra for providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/stone work, including necessary holes for pillar taps etc. including moulding, rubbing Each 1 and polishing of cut edges etc. complete. Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden 2 cleats with C.P. brass screws and washers complete. Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved Each 2 quality and colour. 600mm long towel rail with total length of 645mm, width 78mm and effective height of 88mm, weighing not less than 190gms. Providing and fixing PTMT liquid soap container 109mm wide, 125mm high and 112mm distance from wall of standard shape with bracket of the same materials 2 Each with snap fittings of approved quality and colour. weighing not less than 105 gms Providing & fixing of CP Health faucet. Hand operated spray unit (instand type) 2 51 Set Providing and fixing PVC pipes for water supply arrangements including cost pipes, fittings, solvent cement,testing of pipes, labour charges etc complete : Concealed work including cutting chases and making good the wall etc 20mm dia. PVC pipe Metre 10 a b 25mm dia. PVC pipe Metre 20 32mm dia. PVC pipe Metre 0 Providing and fixing CP grating of 6mm thick with rim including setting in floor with white cement mortar and making good the floor Each 2 125mm dia Providing and fixing PVC soil, waste and vent pipe to IS: 13592 of SWR quality including all fittings, like: Bends, Tees, Elbows, Collars, junction, inspection doors, cowls, offsets, access pipes, jointing with rubber ring / solvent cement by application of leak proof adhesive like FRP paste including cutting holes in walls and floors and making good. Make:Supreme,Finolex,Prince etc.. 50mm dia Metre 0 а b 110mm dia Metre 12 **CURTAIN WORK** 1.Two range of curtain cloth - Type 1 - II. 2. Both for doors, windows and partions. 3. Assorted colours plain & prints 4. Stitched as per site/ size requirement 5. Minor modifications in stitching as per site/ size requirement 6.Preferred colour (Brown, Cream, Beige) 7. Curtain price (including cloth & curtain rod) to be quoted in Squre metre 8.Stitching for each curtain to be absorb in the price of the cloth generally 2 meters. 9.Fast colours, water wash 10.Fabric density Non Transparent Composition

SCHEDULE V SCHEDULE OF WORK - LANA MASHURI (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Lana Mashuri (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs 11. Fabric of curtain shall be soft texture, great shading, drape effect and nice 12. The bracket shall be side mounted and front mounted as required 13. First rod mount is 3.5 inches from the wall. 14. Where curtain used as a partition/ long length, sufficient support from ceiling should be provided to avoid sagging. 15.Rate quoted for fully stitched Curtain with top nepha with punch holes after lining bucramreinforced with SS / PVC islets and lower nepha 200mm double turned. Type -I (Surgical Curtain) Curtain fabric weight shall be up to 275-300 (±5%) gsm Composition of fabric shall be polyester yarn I.E. 300 denier fast colour sink age shall be (±5%) Weft 10 Sqm and warp shall be polyester / cotton polyester mix Type - II (Window & Door Curtain) Curtain fabric weight shall be up to 250-275 (±5%) gsm Composition of fabric shall be polyester yarn I.E. 300 denier fast colour sink age shall be (±5%) Weft 0 and warp shall be polyester / cotton polyester mix FALSE CEILING & CLADDING Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building, for all heights and all levels etc. including: Structural analysis & design and preparation of shop drawings for pressure equalisation or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design. Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metalic colour of approved shades made out of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified 6.00 Sqm using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc. The fastening brackets of Aluminium alloy 6005 T5 / MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specification and drawing The item includes cost of all material & labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding, cleaning and protection of the curtain wall with aluminium composite panel cladding till the handing over of the building for occupation. Base frame work for ACP cladding is payable under the relevant aluminium item.s The Contractor shall provide curtain wall with aluminium composite panel cladding, having all the performance Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked M.S. Pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will 8.00 Sqm be paid for separately, all complete as per direction of Engineer-in-charge. Second class teak wood: 35 mm thick shutters Providing and Fixing Wooden false Ceiling comprising of a Galvanized MS frame as required covered with 12 mm thick Marine ply, followed by 6 mm premium quality MDF for making groove and finished with a natural veneer (as approved) of 3.5 mm thickness duly Spirit polished with melamine matt coating. Sqm 0 The ceiling shall be fixed to the roof soffit with adequate suspenders. The item shall be inclusive of cutting & making cutouts for lights, diffusers etc all complete. (veneer with basic cost Upto Rs:100 per sft FOR site) **Total Civil Works**

SCHEDULE V SCHEDULE OF WORK - LANA MASHURI (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Lana Mashuri (Sirmour District), **Himachal Pradesh** Sl No Specification Unit Quantity Rate in Rs Amount in Rs ELECTRICAL WORKS TOTAL C.O. TO SUMMARY Point wiring in PVC conduit with modular type switch. Wiring for light point/fan point/exhaust fan point /call bell point with 1.5 sq mm FR PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit, with modular switch, modular plate, suitable PVC box and earthing the point with 1.5 sq.mm FR PVC insulated copper conductor single core cable etc as required. Point Group C 5 Wiring through PVC conduit Wiring for circuit/submain wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/recessed medium class PVC conduit as required.(Make:Havells/Finolex/V-guard/Polycab) 2X1.5 sq.mm + 1X1.5 sq.mm earth wire Metre 18 2X2.5 sq.mm + 1 X2.5 sq mm earth wireMetre 12 b 2X4 sq.mm + 1X4 sq.mm earth wire Metre 0 c Telephone wiring in existing conduit: Supplying and drawing following pair 0.5 sq mm FR PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required. 2 Pair Metre 0 а A/C point S/F 20A SPN MCB industrial socket outlet: Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 amps "C" curve, SP, Point 1 MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.(Make: Legrand/Havells/HPL) Modular type blanking plate: Supplying and fixing modular blanking plate on the existing modular plate & 3 Each switch box excluding modular plate as required.(Make: Legrand/Havells/HPL) Modular boxes, bases & cover plate: Supplying and fixing following size/modules, GI box along with modular base & cover plate for modular switches in recess etc as required.(Make: Legrand/Havells/HPL) 2 module Each 4 3 module b Each 4 module 1 Each d 6 module Each 2 8 module Each 0 0 12 module Each Modular type switch/socket: Supplying and fixing following modular switch/socket on the existing modular plate & switch box including connections but excluding modular plate etc as required. (Make: Legrand/Havells/HPL) 5/6 Amps switch Each 6 3 pin 5/6 Amp socket outlet Each 15/16 Amps switch 2 Each 6pin 15/16 Amps (universal) socket outlet 2 Each Telephone socket outlet Each 0

Metre

Metre

20

Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same

in case of recessed conduit as required.(ISI Make)

S/F PVC conduit:

20 mm

25 mm

b

SCHEDULE V SCHEDULE OF WORK - LANA MASHURI (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Lana Mashuri (Sirmour District), **Himachal Pradesh** Sl No Specification Unit Quantity Rate in Rs Amount in Rs ITC Fluorescent fitting directly on surface: Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting/LED of all types, complete with all accessories and tube etc. Each 4 directly on ceiling/ wall, including connection with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable and earthing etc. as required. ITC Ceiling fan: Installation, testing and commissioning of ceiling fan, including wiring the down Each 0 rods of standard length (upto 30 cm) with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable etc. as required. Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular Each 0 plate etc. as required. LAYING OF CABLES CABLE LAYING Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1kV grade of following size clamped on wall surface with 1mm thick saddles as required complete. FROM Mains TO DB a Metre 15 4 X 10 sq.mm END TERMINATION Supply and making end termination with brass compression gland, earth clip and aluminium lugs for following size of PVC insulated and PVC sheathed/XLPE aluminium conductor cable fo 1.1KV grade as required. 4 X 10 sq.mm Each 2 CABLE SUPPLY Supplying the following PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade as per CPWD standards as required. (Make:Havells/ Glostar/Nicco/Finolex/Polycab) Metre 15 4 x 10 sq.mm Supply of 15W LED tube fitting sleek with decorative end cap, powder coated CRCA steel channel complete with all electrical accessories like electronic ballast, 4 Each lamp holder, 28W LED lamp etc complete as required. (Philips / Wipro /HAVELLS) Supply and installation of 18 W CFL with its all accessories.[ISI MAKE] 16 Each 1 Supply and installation of 1200 mm sweep Ceiling fan, white colour, 5 star rated as per BEE complete with blades, down rod, shackle, canopy etc(Make 0 Havells/bajaj/usha/V-guard/crompton) Supply and installation EXHAUST FAN, SHUTTER TYPE white colour, 9" OR 10" star rated as per BEE complete with its all accessories(Make 0 Havells/bajaj/usha/V-guard) S/F of SPN MCB PDB Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) 4 way double door, horizontal type Each 1 a 6 way Double door, horizontal type Each 0 19.2 **S/F OF SP MCB** 6/10A SP MCB Each 2 19.3 **S/F DP ISOLATOR** Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, ISOLATOR having a sensitivity current upto 100 to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc, as required.(Make: Legrand/Havells/HPL) 32 AMPS Each

Sub:	Civil and Electrical works for setting up of Health Wellness Center Himachal Pradesh	na Mashuri	(Sirmour D	istrict),	
Sl No	Specification	Unit	Quantity	Rate in Rs	Amount in Rs
20	EARTHING				
	Pipe earthing with G.I. earth pipe 2.5 metre, long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt) as required complete.	Set	1		
21	Preparation of all drawings submitting and getting approval from EB for extra load & 3phase connection with Meter, submitting of Completion certificates and arranging inspection, getting sanction and energisation certificates etc. for commissioning of the whole installation in the premises. All statutory payments(inclusive) will be reimbursed on production of the original reciepts.		0		
23	Miscellaneous Items				
23.1	Miscellaneous Items Miscellaneous electrical work, removing of existing conduits and interconnections of light,6A socket/16A socket/A/C point from existing DB	LS	0		
	Total Electrical Works				
	Grand Total			Rs.	
	GST @ 18%			Rs.	
	Grand Total (In Rs. Incl. of taxes)			Rs.	

SCHEDULE OF WORK - LANA PALLAR (SIRMOUR DISTRICT)

Sub: Civil and Electrical works for setting up of Health Wellness Center at Lana Pallar (Sirmour District),
Himachal Pradesh

Sub:	Himachal Pradesh				
Sl No	Specification	Unit	Quantity	Rate in Rs	Amount in Rs
	CIVIL WORKS				
1	"Excavate foundation in all kinds of soil including soft rock except hard rock requiring blasting part return and fill in foundation and basement in layers not exceeding 15cm in depth including watering, breaking clods and consolidating, disposing and spreading surplus earth within the site upto 1.5m depth.(No extra shall be payable for working space) Tenderer to ensure proper dewatering and shoring methods to ensure all time dry condition. Any damages of sides of foundation or collapsing of soil from sides due to excessive water seepage or surface runoff or any other cause have to be replaced with quarry dust or Malaimann at no extra cost."	Cum	0		
2	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared.	Sqm	0		
3	Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material. Beyond 60 cm girth upto and including 120 cm girth	Each	0		
4	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.		0		
	CEMENT CONCRETE				
5	Cement concrete 1:4:8 (1 cement ,4 sand , 8 hard blue granite stone metal 40mm and down gauge in layers not exceeding 15 cms in depth well consolidated in foundation and levelling course under floors including necessary shuttering, in steps etc all complete as directed. R.C.C.WORK		1.00		
6	"RCC M20 (Design Mix) using hard blue granite metal 20mm and down gauge including centering, shuttering, curing etc., compelete but excluding cost of reinforcement Note: Polythene sheet shall be provided under the slabs."				
a	In Foundation, Footing and bed blocks at all levels.	Cum	0		
b	In Suspended roof slab of required thicknes	Cum	0		
	*		-		
c	In Ground Floor	Cum	9.00		
7	Providing, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete in lintels, beams and bressumers, including setting in cement mortar 1:3 (1 cement : 3 coarse sand), cost of required centering and shuttering but , excluding the cost of reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size)	Cum	8.00		
8	"High Yield Strength Deformed bars in all RCC items & floorings General Note: Sizes of RCC elements shown in the drawing are only indicative and subject to change .No extra shall be payable on this account. Any change in size of concrete elements resulting in change of area of shuttering due to change in quantity of concrete shall also not be payable""	М.Т	2.00		
	MASONRY WORK				
9	Brickwork of locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in cement mortar 1:5 (1 cement,5 sand) in foundation and plinth. No extra payment will be paid for any shape or size,turnings, fins, etc unless otherwise specified seperately.	Cum	0		

SCHEDULE V SCHEDULE OF WORK - LANA PALLAR (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Lana Pallar (Sirmour District), **Himachal Pradesh** Sl No Specification Unit Quantity Rate in Rs Amount in Rs Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded Cum 0 stone aggregate 20 mm nominal size) upto plinth level with : Cement mortar 1:6 (1 cement : 6 coarse sand) 66mm overall thickness partition using 8mm thick double skin multipurpose cement board reinforced with cellulose fibre manufactured through autoclaving 98.00 Sqm process (High pressure steam cured) as per IS: 14862 with suitable fibre cement screws Half brickwork with locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in CM 1:3 (1 cement 3 sand) and reinforced with two numbers of 6mm dia. M.S rods at every fourth course embedded in cement mortar 1:4 for partitions. 12.00 In Ground Floor Sqm FLOORING Providing & laying first class full body vitrified ceramic tile of make Kajaria/ Restile/Johnson or equivqlent of size 600mmx600mmx 9.5mm or approved size of approved colour (matt finish) in flooring using spacer of required size (2mm-4mm) from endura or equivalent over a bed of cement mortar 1:4 of required thickness to match finished floor level mentioned and to match the neighbouring Sqm 42.00 floor finish and jointed with epoxy grout of approved shade from Bal Endura or equivalent brand all complete as directed.(Basic cost of tile - Rs.85/sft).Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area. No extra shall be payable for forming any pattern in the flooring like border, cut tiles.etc. Providing and laying 600mm x 600mm or required size from Kajaria/ Restile/Johnson glazed tiles of plain series(Satin finish) in dado set in CM 1:3 with joints so as to form a true & even surface and joints finished neatly with white cement mixed with matching pigments all complete as directed. (Rate should include base plastering with CM 1:5 of required thickness.) 28.00 Sqm The rate shall include cost of providing 6mmx6mm groove in the plastering at top of the tile all complete as directed.(Basic cost of tile - Rs.85/sft). Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area. No extra shall be payable for forming any pattern like border, etc. Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints Sqm 3.00 treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite of any colour and shade. Area of slab over 0.50 sqm STEEL WORK Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes. channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top MT 0.02 of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in incharge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).

SCHEDULE V SCHEDULE OF WORK - LANA PALLAR (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Lana Pallar (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Structural steel work riveted, bolted or welded in built up sections, trusses and MT 0.10 framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. CARPENTRY WORK Providing and fixing factory made uPVC white colour casement/ casement cum fixed glazed windows comprising of uPVC multichampered frame, sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 \pm 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, stainless steel (SS 304 grade) friction hinges, zinc alloy (white powder coated) casement handles, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After 6.00 fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately) Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable. Casement window double panels with top fixed with S.S. friction hinges (350 x 19 x 1.9 mm) made of (small series) frame 47 x 50 mm, sash 47 x 68 mm & mullion 47 x 68 mm all having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area of window upto 2.50 sqm). 24 mm thick factory made PVC door shutters made of styles and rails of a uPVC hollow section of size 59x24 mm and wall thickness 2 mm (± 0.2 mm) with inbuilt edging on both sides. The styles and rails mitred and joint at the corners by means of M.S. galvanised/ plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 20x20 mm and 1 mm (± 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x24 mm and 2 mm (± 0.2 mm) wall thickness, fixed to the shutter styles by 4.00 Sqm means of plastic/galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (± 0.1 mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge. (For W.C. and bathroom door shutter). Providing and fixing cup board shutters 25 mm thick, with Pre-laminated flat pressed three layer particle board or graded wood particle board IS: 12823 marked, exterior grade (Grade 1 Type II), having one side decorative lamination Sam 5.00 and other side balancing lamination, including IInd class teak wood lipping of 25 mm wide x12 mm thick with necessary screws and bright finished stainless steel piano hinges, complete as per direction of the Engineer-in-Charge ROOFING Supplying and embedding P.V.C rain water pipes of approved quality embedded inside the RC columns/masonry in position with all necessary specials like shoes, bends or any other specials required to suit site conditions etc., jointed with wavin cement and lubricants with necessary MS R.M 12.00 clamps, brackets, bolts and nuts all complete as directed. 110mm dia-6kg/sq.cm"

SCHEDULE OF WORK - LANA PALLAR (SIRMOUR DISTRICT)

Sub: Civil and Electrical works for setting up of Health Wellness Center at Lana Pallar (Sirmour District),
Himachal Pradesh

Sub:	Himachal Pradesh		<u> </u>		
Sl No	Specification	Unit	Quantity	Rate in Rs	Amount in Rs
	Prepare surfaces and plaster with CM 1:3(1 cement, 3 sand) ,12mm minimum				
22	thick (sponge finish) to ceiling sides and soffit of beams and columns and other interior and exterior RCC surfaces not contiguous to masonry.	Sqm	44.00		
23	Prepare surfaces and plaster with CM 1:5(1 cement, 5 sand) ,12mm minimum thick to all interior faces of walls (sponge finish) including RCC surfaces not contiguous to masonry.Necessary internal grooves of size 10mmx10mm shall be carried out as shown/directed by engineer-in-charge.	Sqm	0		
	PAINTING				
24	Prepare surfaces and paint two coats of plastic emulsion paint of approved colour over two coats of Gypsum punning of 6 mm minimum thick and primer all complete as per manufacturers specifications to all ceilings in all floors.		0		
25	Finishing with oil bound washable Interior Emulsion of approved brand and manufacture to give an even shade: New work (two or more coats) over and including water thinnable priming coat with cement primer	Sqm	126.00		
26	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufacture	Sqm	21.00		
27	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture	Sqm	12.00		
28	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	Sqm	126.00		
29	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	Sqm	0		
30	Finishing with Deluxe Multi surface paint system for exteriors using Primer as per manufacturers specifications: Two or more coats applied on walls @ 1.25 ltr/10 sqm	Sqm	178.00		
	DISMANTLING				
31	Dismantling plastered brickwalls in cement mortar including cleaning, stacking the useful materials as directed by engineer-in-charge and dumping the dismantled debris as indicated at site, levelling, consolidating, all complete as directed and disposing the debris away from site all complete as directed.	Cum	1.00		
32	Dismantling the existing RCC concrete including cutting the reinforcement, stacking the useful materials as directed by engineer-in-charge, dumping the dismantled debris as indicated at site, leveling, consolidating, all complete as directed and disposal of debris away from site all complete.	Cum	1.00		
33	Dismantling Tile Flooring and Walls and disposing the debris away from site all complete as directed.	Sqm	2.00		
	PATHWAY				
34	Providing and laying cement concrete paver blocks of thick 80mm made out of M25 design mix of shape and profile as approved by architect .The rate should include cost of necessary excavation, COARSE SAND upto a depth of 50mm pointing in CM 1:3 all complete as directed.(For purpose of payment total laid area in length multiplied by width in plan will be paid.) Tenderer to submit necessary pamphlets along with tender.	Sam	0		
	area in length multiplied by width in plan will be paid.) Tenderer to submit				

SCHEDULE V SCHEDULE OF WORK - LANA PALLAR (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Lana Pallar (Sirmour District), **Himachal Pradesh** Sl No Specification Unit Quantity Rate in Rs Amount in Rs PLUMBING Providing and fixing gun metal gate valve with C.I. wheel of approved quality Sqm 2 Providing and fixing C.P. brass angle valve for basin mixer and geyserpoints of approved quality conforming to IS:8931 a) 15 mm nominal bore: 15 mm nominal 2 Each bore.Make:Hindware,Cera,Jaquar etc.. Providing and fixing PTMT Bottle Trap for Wash basin and sink. Bottle trap 38mm single piece moulded with height of 270mm, effective length of tail pipe Each 0 260mm from the centre of the waste coupling 77mm breadth with 25mm minimum water seal, weighing not less than 263gms. Providing and fixing trap of self cleansing design with screwed down orhinged grating with or without vent arm complete, including cost of cutting and making 2 good the walls and floors:100 mm inlet and 100 mm outlet Constructing brick masonry manhole in cement mortar 1:4 (1 cement: 4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand: 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating Each 0 coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design: With common burnt clay F.P.S designation 7.5 Providing and fixing square – mouth PVC. Gully trap grade "A" complete with CI grating brick masonry chamber with water tight tight CI cover with frame of Each 0 300 x 300mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design Providing and fixing white vitreous china pedestal type water closet(European type W.C. pan) with seat and lid, 10 litre low level white P.V.C.flushing cistern, including flush pipe, with manually controlled device(handle lever), conforming 2 to IS: 7231, with all fittings and fixturescomplete, including cutting and making good the walls and floors wherever required :W.C. pan with ISI marked white solid plastic seat and lid Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brasspillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and 2 brackets, cutting and making good the walls whereverrequire: White Vitreous China Wash basin size 630x450 mm with apair of 15 mm C.P. brass pillar taps Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work including cutting chases and making good the walls etc 20 mm nominal outer dia .Pipes Metre 0 32 mm nominal outer dia Pipes Metre 0 50 mm nominal outer dia Pipes Metre 0 Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as perIS: 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the wallswherever required ::(Lowest retail price of sink not less than Rs. 3150)

Each

Kitchen sink without drain board, Size -610x510 mm bowl depth 200 mm

SCHEDULE V SCHEDULE OF WORK - LANA PALLAR (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Lana Pallar (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Providing and fixing PVC Waste pipe for sink or wash basin including PVC waste fittings complete.:Semi rigid pipe 32mm dia 3 Each Providing and fixing CP Waste coupling for wash basin and sink of approved quality, colour and make. Waste coupling 31mm of 79mm length and 62mm Each 3 breadth, weighing not less than 45 gms. Make: Hindware, Jaquar etc.., Extra for providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/stone work, including necessary holes for pillar taps etc. including moulding, rubbing Each 1 and polishing of cut edges etc. complete. Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden 2 cleats with C.P. brass screws and washers complete. Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved Each 2 quality and colour. 600mm long towel rail with total length of 645mm, width 78mm and effective height of 88mm, weighing not less than 190gms. Providing and fixing PTMT liquid soap container 109mm wide, 125mm high and 112mm distance from wall of standard shape with bracket of the same materials 2 Each with snap fittings of approved quality and colour. weighing not less than 105 gms Providing & fixing of CP Health faucet. Hand operated spray unit (instand type) 51 Set 2 Providing and fixing PVC pipes for water supply arrangements including cost pipes, fittings, solvent cement,testing of pipes, labour charges etc complete : Concealed work including cutting chases and making good the wall etc 20mm dia. PVC pipe Metre 10 a b 25mm dia. PVC pipe Metre 20 32mm dia. PVC pipe Metre 0 Providing and fixing CP grating of 6mm thick with rim including setting in floor with white cement mortar and making good the floor Each 2 125mm dia Providing and fixing PVC soil, waste and vent pipe to IS: 13592 of SWR quality including all fittings, like: Bends, Tees, Elbows, Collars, junction, inspection doors, cowls, offsets, access pipes, jointing with rubber ring / solvent cement by application of leak proof adhesive like FRP paste including cutting holes in walls and floors and making good. Make:Supreme,Finolex,Prince etc.. 50mm dia Metre 0 а b 110mm dia Metre 12 **CURTAIN WORK** 1.Two range of curtain cloth - Type 1 - II. 2. Both for doors, windows and partions. 3. Assorted colours plain & prints 4. Stitched as per site/ size requirement 5. Minor modifications in stitching as per site/ size requirement 6.Preferred colour (Brown, Cream, Beige) 7. Curtain price (including cloth & curtain rod) to be quoted in Squre metre 8. Stitching for each curtain to be absorb in the price of the cloth generally 2 meters. 9.Fast colours, water wash 10.Fabric density Non Transparent Composition

SCHEDULE V SCHEDULE OF WORK - LANA PALLAR (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Lana Pallar (Sirmour District), **Himachal Pradesh** Sl No Specification Unit Quantity Rate in Rs | Amount in Rs 11. Fabric of curtain shall be soft texture, great shading, drape effect and nice 12. The bracket shall be side mounted and front mounted as required 13. First rod mount is 3.5 inches from the wall. 14. Where curtain used as a partition/ long length, sufficient support from ceiling should be provided to avoid sagging. 15.Rate quoted for fully stitched Curtain with top nepha with punch holes after lining bucramreinforced with SS / PVC islets and lower nepha 200mm double turned. Type -I (Surgical Curtain) Curtain fabric weight shall be up to 275-300 (±5%) gsm Composition of fabric shall be polyester yarn I.E. 300 denier fast colour sink age shall be (±5%) Weft 10 Sqm and warp shall be polyester / cotton polyester mix Type - II (Window & Door Curtain) Curtain fabric weight shall be up to 250-275 (±5%) gsm Composition of fabric shall be polyester yarn I.E. 300 denier fast colour sink age shall be (±5%) Weft 0 and warp shall be polyester / cotton polyester mix FALSE CEILING & CLADDING Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building, for all heights and all levels etc. including: Structural analysis & design and preparation of shop drawings for pressure equalisation or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design. Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metalic colour of approved shades made out of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified 6.00 Sqm using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc. The fastening brackets of Aluminium alloy 6005 T5 / MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specification and drawing The item includes cost of all material & labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding, cleaning and protection of the curtain wall with aluminium composite panel cladding till the handing over of the building for occupation. Base frame work for ACP cladding is payable under the relevant aluminium item.s The Contractor shall provide curtain wall with aluminium composite panel cladding, having all the performance Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked M.S. Pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will 8.00 Sqm be paid for separately, all complete as per direction of Engineer-in-charge. Second class teak wood: 35 mm thick shutters Providing and Fixing Wooden false Ceiling comprising of a Galvanized MS frame as required covered with 12 mm thick Marine ply, followed by 6 mm premium quality MDF for making groove and finished with a natural veneer (as approved) of 3.5 mm thickness duly Spirit polished with melamine matt coating. Sqm 0 The ceiling shall be fixed to the roof soffit with adequate suspenders. The item shall be inclusive of cutting & making cutouts for lights, diffusers etc all complete. (veneer with basic cost Upto Rs:100 per sft FOR site) **Total Civil Works**

SCHEDULE OF WORK - LANA PALLAR (SIRMOUR DISTRICT)

Sub: Civil and Electrical works for setting up of Health Wellness Center at Lana Pallar (Sirmour District), Himachal Pradesh

Sub:	Himachal Pradesh				
Sl No	Specification	Unit	Quantity	Rate in Rs	Amount in Rs
	ELECTRICAL WORKS		_		
	TOTAL C.O. TO SUMMARY				
	Point wiring in PVC conduit with modular type switch.				
	Wiring for light point/fan point/exhaust fan point /call bell point with 1.5 sq mm				
	FR PVC insulated copper conductor single core cable in surface/recessed medium				
	class PVC conduit, with modular switch, modular plate, suitable PVC box and				
	earthing the point with 1.5 sq.mm FR PVC insulated copper conductor single core				
	cable etc as required.				
	Group C	Point	5		
2	Wiring through PVC conduit				
	Wiring for circuit/submain wiring along with earth wire with the following sizes				
	of FR PVC insulated copper conductor, single core cable in surface/recessed				
	medium class PVC conduit as required.(Make:Havells/Finolex/V-guard/Polycab)				
	1 ,				
a	2X1.5 sq.mm + 1X1.5 sq.mm earth wire	Metre	18		
	2X2.5 sq.mm + 1 X2.5 sq mm earth wire	Metre	12		
с	2X4 sq.mm + 1X4 sq.mm earth wire	Metre	0		
	-				
3	Telephone wiring in existing conduit:				
	Supplying and drawing following pair 0.5 sq mm FR PVC insulated annealed				
	copper conductor, unarmored telephone cable in the existing surface/ recessed				
	steel/ PVC conduit as required.				
a	2 Pair	Metre	0		
4	A/C point				
	S/F 20A SPN MCB industrial socket outlet:				
	Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with				
	2 pole and earth, metal enclosed plug top alongwith 20 amps "C" curve, SP,	D ' .			
	MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover	Point	1		
	for the socket out let and complete with connections, testing and commissioning				
	etc. as required.(Make: Legrand/Havells/HPL)				
5	Modular type blanking plate:				
	Supplying and fixing modular blanking plate on the existing modular plate &	Each	2		
	switch box excluding modular plate as required.(Make: Legrand/Havells/HPL)	Each	3		
6	Modular boxes, bases & cover plate:				
	Supplying and fixing following size/modules, GI box along with modular base $\&$				
	cover plate for modular switches in recess etc as required.(Make:				
	Legrand/Havells/HPL)				
a	2 module	Each	1		
b	3 module	Each	4		
c	4 module	Each	1		
d	6 module	Each	2		
e	8 module	Each	0		
f	12 module	Each	0		
7	Modular type switch/socket:				
	Supplying and fixing following modular switch/socket on the existing modular				
	plate & switch box including connections but excluding modular plate etc as				
	required. (Make: Legrand/Havells/HPL)				
	-				
	5/6 Amps switch	Each	6		
	3 pin 5/6 Amp socket outlet	Each	6		
c	15/16 Amps switch	Each	2		
d	6pin 15/16 Amps (universal) socket outlet	Each	2		
e	Telephone socket outlet	Each	0		
	S/F PVC conduit:				
	Supplying and fixing of following sizes of medium class PVC conduit along with	-			
	accessories in surface/recess including cutting the wall and making good the same				
	in case of recessed conduit as required.(ISI Make)			<u> </u>	
	20 mm	Metre	20		
b	25 mm	Metre	15		

SCHEDULE V SCHEDULE OF WORK - LANA PALLAR (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Lana Pallar (Sirmour District), **Himachal Pradesh** Sl No Specification Unit Quantity Rate in Rs Amount in Rs ITC Fluorescent fitting directly on surface: Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting/LED of all types, complete with all accessories and tube etc. Each 4 directly on ceiling/ wall, including connection with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable and earthing etc. as required. ITC Ceiling fan: Installation, testing and commissioning of ceiling fan, including wiring the down Each 0 rods of standard length (upto 30 cm) with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable etc. as required. Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular 0 plate etc. as required. LAYING OF CABLES CABLE LAYING Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1kV grade of following size clamped on wall surface with 1mm thick saddles as required complete. FROM Mains TO DB a Metre 15 4 X 10 sq.mm END TERMINATION Supply and making end termination with brass compression gland, earth clip and aluminium lugs for following size of PVC insulated and PVC sheathed/XLPE aluminium conductor cable fo 1.1KV grade as required. 4 X 10 sq.mm Each 2 CABLE SUPPLY Supplying the following PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade as per CPWD standards as required. (Make:Havells/ Glostar/Nicco/Finolex/Polycab) Metre 15 4 x 10 sq.mm Supply of 15W LED tube fitting sleek with decorative end cap, powder coated CRCA steel channel complete with all electrical accessories like electronic ballast, 4 Each lamp holder, 28W LED lamp etc complete as required. (Philips / Wipro /HAVELLS) Supply and installation of 18 W CFL with its all accessories.[ISI MAKE] 16 Each 1 Supply and installation of 1200 mm sweep Ceiling fan, white colour, 5 star rated as per BEE complete with blades, down rod, shackle, canopy etc(Make 0 Havells/bajaj/usha/V-guard/crompton) Supply and installation EXHAUST FAN, SHUTTER TYPE white colour, 9" OR 10" star rated as per BEE complete with its all accessories(Make 0 Havells/bajaj/usha/V-guard) S/F of SPN MCB PDB Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) 4 way double door, horizontal type Each 0 a 6 way Double door, horizontal type Each 0 19.2 **S/F OF SP MCB** 6/10A SP MCB Each 3 19.3 **S/F DP ISOLATOR** Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, ISOLATOR having a sensitivity current upto 100 to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc, as required.(Make: Legrand/Havells/HPL) 32 AMPS Each

	SCHEDULE V				
	SCHEDULE OF WORK - LANA PALLAR (S	SIRMO	OUR DIST	CRICT)	
Sub:	Civil and Electrical works for setting up of Health Wellness Center Himachal Pradesh	na Pallar (S	irmour Dist	rict),	
Sl No	Specification	Unit	Quantity	Rate in Rs	Amount in Rs
	EARTHING				
	Pipe earthing with G.I. earth pipe 2.5 metre, long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt) as required complete.	Set	1		
21	Preparation of all drawings submitting and getting approval from EB for extra load & 3phase connection with Meter, submitting of Completion certificates and arranging inspection, getting sanction and energisation certificates etc. for commissioning of the whole installation in the premises. All statutory payments(inclusive) will be reimbursed on production of the original reciepts.	Ls	0		
22					
23.1	Miscellaneous Items Miscellaneous electrical work, removing of existing conduits and interconnections of light,6A socket/16A socket/A/C point from existing DB	LS	0		
	Total Electrical Works				
	Grand Total			Rs.	
	GST @ 18%			Rs.	
	Grand Total (In Rs. Incl. of taxes)			Rs.	

SCHEDULE OF WORK - PIPLIGHAD (SIRMOUR DISTRICT)

Sub: Civil and Electrical works for setting up of Health Wellness Center at Piplighad (Sirmour District), Himachal Pradesh

Pradesh				
	Unit	Quantity	Rate in Rs	Amount in Rs
CIVIL WORKS				
"Excavate foundation in all kinds of soil including soft rock except hard rock requiring blasting part return and fill in foundation and basement in layers not exceeding 15cm in depth including watering, breaking clods and consolidating, disposing and spreading surplus earth within the site upto 1.5m depth.(No extra shall be payable for working space)	Cum	78		
Tenderer to ensure proper dewatering and shoring methods to ensure all time dry condition. Any damages of sides of foundation or collapsing of soil from sides due to excessive water seepage or surface runoff or any other cause have to be replaced with quarry dust or Malaimann at no extra cost."				
Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared.		40		
Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material. Beyond 60 cm girth upto and including 120 cm girth	Each	0		
Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.		36		
CEMENT CONCRETE				
Cement concrete 1:4:8 (1 cement ,4 sand , 8 hard blue granite stone metal 40mm and down gauge in layers not exceeding 15 cms in depth well consolidated in foundation and levelling course under floors including necessary shuttering, in steps etc all complete as directed. R.C.C.WORK	Cum	6.00		
"RCC M20 (Design Mix) using hard blue granite metal 20mm and down gauge including centering, shuttering, curing etc., compelete but excluding cost of reinforcement Note: Polythene sheet shall be provided under the slabs."				
In Foundation, Footing and bed blocks at all levels.	Cum	2		
In Suspended roof slab of required thicknes	Cum	0		
In Ground Floor	Cum	9.00		
Providing, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete in lintels, beams and bressumers, including setting in cement mortar 1:3 (1 cement : 3 coarse sand), cost of required centering and shuttering but, excluding the cost of reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size)	Cum	15.00		
"High Yield Strength Deformed bars in all RCC items & floorings General Note: Sizes of RCC elements shown in the drawing are only indicative and subject to change .No extra shall be payable on this account. Any change in size of concrete elements resulting in change of area of shuttering due to change in quantity of concrete shall also not be payable""	М.Т	2.20		
MASONRY WORK				
Brickwork of locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in cement mortar 1:5 (1 cement,5 sand) in foundation and plinth. No extra payment will be paid for any shape or		0		
	Specification CIVIL WORKS "Excavate foundation in all kinds of soil including soft rock except hard rock requiring blasting part return and fill in foundation and basement in layers not exceeding 15cm in depth including watering, breaking clods and consolidating, disposing and spreading surplus earth within the site upto 1.5m depth.(No extra shall be payable for working space) Tenderer to ensure proper dewatering and shoring methods to ensure all time dry condition. Any damages of sides of foundation or collapsing of soil from sides due to excessive water seepage or surface runoff or any other cause have to be replaced with quarry dust or Malaimann at no extra cost." Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared. Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material. Beyond 60 cm girth upto and including 120 cm girth Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m. CEMENT CONCRETE Cement concrete 1:4:8 (1 cement, 4 sand, 8 hard blue granite stone metal 40mm and down gauge in layers not exceeding 15 cms in depth well consolidated in foundation and levelling course under floors including necessary shuttering, in steps etc all complete as directed. R.C.C.WORK "RCC M20 (Design Mix) using hard blue granite metal 20mm and down gauge including centering, shuttering, curing etc., compelete but excluding cost of reinforcement Note: Polythene sheet shall be provided under the slabs." In Foundation, Footing and bed blocks at all levels. In Ground Floor Providing, hoisting	Specification CIVIL WORKS Excavate foundation in all kinds of soil including soft rock except hard rock requiring blasting part return and fill in foundation and basement in layers not exceeding 15cm in depth including watering, breaking clods and consolidating, disposing and spreading surplus earth within the site upto 1.5m depth.(No extra shall be payable for working space) Cum Tenderer to ensure proper dewatering and shoring methods to ensure all time dry condition. Any damages of sides of foundation or collapsing of soil from sides due to excessive water seepage or surface runoff or any other cause have to be replaced with quarry dust or Malaimana it no extra cost." Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared. Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material. Beyond 60 cm girth upto and including 120 cm girth Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m. CEMENT CONCRETE Cement concrete 1:4:8 (1 cement ,4 sand , 8 hard blue granite stone metal 40mm and down gauge in layers not exceeding 15 cms in depth well consolidated in foundation and levelling course under floors including necessary shuttering, in steps etc all complete as directed. R.C.C.WORK Cum Cum Cum RCC.WORK In Foundation, Footing and bed blocks at all levels. In Foundation, Footing and bed blocks at all levels. In Ground Floor Providing, hoisting and fixing above plinth level up to floor five level precast reinforce dement concrete in lintels, beams and process reinfured centering an	Specification	Specification CIVIL WORKS EXARTH WORK Exerate foundation in all kinds of soil including soft rock except hard rock requiring blasting part return and fill in foundation and basement in layers not exceeding 15cm in depth including watering, breaking clods and consolidating, disposing and spreading surplus earth within the site upto 1.5m depth.(No extra shall be payable for working space) Tenderer to ensure proper dewatering and shoring methods to ensure all time dry condition. Any danages of sides of foundation or collapsing of soil from sides due to excessive water seepage or surface runoff or any other cause have to be replaced with quarry dust or Malainann at no extra cost." Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saphings of girth up to 30 cm measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material. Beyond 60 cm girth upto and including 120 cm girth Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations ext. in layers not exceeding 25cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m. CEMENT CONCRETE Cement concrete 1:4-8 (1 cement, 4 sand, 8 hard blue granite stone metal 40mm and down gauge in layers not exceeding 25cms in depth well consolidated in foundation and levelling course under floors including encessary shuttering, in steps etc all complete as directed. RCC-WORK RCC M20 (Design Mix) using hard blue granite metal 20mm and down gauge including centering, shuttering, curing etc., compelete but excluding cost of reinforcement. Note: Polythene sheet shall be provided under the slabs.* In Foundation, Footing and bed blocks at all levels. Cum 1 Foundation excluding the cost of reinforcement, with 1:15.53 (1 cement 1:15 (1 ceme

SCHEDULE V SCHEDULE OF WORK - PIPLIGHAD (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Piplighad (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded Cum 2 stone aggregate 20 mm nominal size) upto plinth level with : Cement mortar 1:6 (1 cement : 6 coarse sand) 66mm overall thickness partition using 8mm thick double skin multipurpose cement board reinforced with cellulose fibre manufactured through autoclaving 98.00 Sqm process (High pressure steam cured) as per IS: 14862 with suitable fibre cement screws Half brickwork with locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in CM 1:3 (1 cement 3 sand) and reinforced with two numbers of 6mm dia. M.S rods at every fourth course embedded in cement mortar 1:4 for partitions. 4.00 In Ground Floor Sqm FLOORING Providing & laying first class full body vitrified ceramic tile of make Kajaria/ Restile/Johnson or equivqlent of size 600mmx600mmx 9.5mm or approved size of approved colour (matt finish) in flooring using spacer of required size (2mm-4mm) from endura or equivalent over a bed of cement mortar 1:4 of required thickness to match finished floor level mentioned and to match the neighbouring Sqm 42.00 floor finish and jointed with epoxy grout of approved shade from Bal Endura or equivalent brand all complete as directed.(Basic cost of tile - Rs.85/sft).Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area. No extra shall be payable for forming any pattern in the flooring like border, cut tiles.etc. Providing and laying 600mm x 600mm or required size from Kajaria/ Restile/Johnson glazed tiles of plain series(Satin finish) in dado set in CM 1:3 with joints so as to form a true & even surface and joints finished neatly with white cement mixed with matching pigments all complete as directed. (Rate should include base plastering with CM 1:5 of required thickness.) 28.00 Sam The rate shall include cost of providing 6mmx6mm groove in the plastering at top of the tile all complete as directed.(Basic cost of tile - Rs.85/sft). Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area. No extra shall be payable for forming any pattern like border, etc. Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints Sqm 19.00 treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite of any colour and shade. Area of slab over 0.50 sqm STEEL WORK Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes. channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top MT 0.02 of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in incharge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).

SCHEDULE V SCHEDULE OF WORK - PIPLIGHAD (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Piplighad (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Structural steel work riveted, bolted or welded in built up sections, trusses and MT 0.10 framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. CARPENTRY WORK Providing and fixing factory made uPVC white colour casement/ casement cum fixed glazed windows comprising of uPVC multichampered frame, sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 \pm 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, stainless steel (SS 304 grade) friction hinges, zinc alloy (white powder coated) casement handles, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After 6.00 fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately) Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable. Casement window double panels with top fixed with S.S. friction hinges (350 x 19 x 1.9 mm) made of (small series) frame 47 x 50 mm, sash 47 x 68 mm & mullion 47 x 68 mm all having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area of window upto 2.50 sqm). 24 mm thick factory made PVC door shutters made of styles and rails of a uPVC hollow section of size 59x24 mm and wall thickness 2 mm (± 0.2 mm) with inbuilt edging on both sides. The styles and rails mitred and joint at the corners by means of M.S. galvanised/ plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 20x20 mm and 1 mm (± 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x24 mm and 2 mm (± 0.2 mm) wall thickness, fixed to the shutter styles by 4.00 Sqm means of plastic/galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (± 0.1 mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge. (For W.C. and bathroom door shutter). Providing and fixing cup board shutters 25 mm thick, with Pre-laminated flat pressed three layer particle board or graded wood particle board IS: 12823 marked, exterior grade (Grade 1 Type II), having one side decorative lamination Sam 5.00 and other side balancing lamination, including IInd class teak wood lipping of 25 mm wide x12 mm thick with necessary screws and bright finished stainless steel piano hinges, complete as per direction of the Engineer-in-Charge ROOFING Supplying and embedding P.V.C rain water pipes of approved quality embedded inside the RC columns/masonry in position with all necessary specials like shoes, bends or any other specials required to suit site conditions etc., jointed with wavin cement and lubricants with necessary MS R.M 12.00 clamps, brackets, bolts and nuts all complete as directed. 110mm dia-6kg/sq.cm"

SCHEDULE OF WORK - PIPLIGHAD (SIRMOUR DISTRICT)

Sub: Civil and Electrical works for setting up of Health Wellness Center at Piplighad (Sirmour District), Himachal Pradesh

Sub:	Pradesh				
Sl No	Specification	Unit	Quantity	Rate in Rs	Amount in Rs
22	PLASTERING Prepare surfaces and plaster with CM 1:3(1 cement, 3 sand) ,12mm minimum thick (sponge finish) to ceiling sides and soffit of beams and columns	Sqm	44.00		
	and other interior and exterior RCC surfaces not contiguous to masonry. Prepare surfaces and plaster with CM 1:5(1 cement, 5 sand) ,12mm minimum				
23	thick to all interior faces of walls (sponge finish) including RCC surfaces not contiguous to masonry.Necessary internal grooves of size 10mmx10mm shall be carried out as shown/directed by engineer-in-charge.	Sqm	0		
	PAINTING				
24	Prepare surfaces and paint two coats of plastic emulsion paint of approved colour over two coats of Gypsum punning of 6 mm minimum thick and primer all complete as per manufacturers specifications to all ceilings in all floors.		0		
25	Finishing with oil bound washable Interior Emulsion of approved brand and manufacture to give an even shade: New work (two or more coats) over and including water thinnable priming coat with cement primer	Sqm	126.00		
26	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufacture	Sqm	21.00		
27	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture	Sqm	12.00		
28	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	Sqm	126.00		
29	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	Sqm	0		
30	Finishing with Deluxe Multi surface paint system for exteriors using Primer as per manufacturers specifications: Two or more coats applied on walls @ 1.25 ltr/10 sqm	Sqm	178.00		
	DISMANTLING				
31	Dismantling plastered brickwalls in cement mortar including cleaning, stacking the useful materials as directed by engineer-in-charge and dumping the dismantled debris as indicated at site, levelling, consolidating, all complete as directed and disposing the debris away from site all complete as directed.	Cum	1.00		
32	Dismantling the existing RCC concrete including cutting the reinforcement, stacking the useful materials as directed by engineer-in-charge, dumping the dismantled debris as indicated at site, leveling, consolidating, all complete as directed and disposal of debris away from site all complete.	Cum	1.00		
33	Dismantling Tile Flooring and Walls and disposing the debris away from site all complete as directed.	Sqm	2.00		
	PATHWAY				
34	Providing and laying cement concrete paver blocks of thick 80mm made out of M25 design mix of shape and profile as approved by architect .The rate should include cost of necessary excavation, COARSE SAND upto a depth of 50mm pointing in CM 1:3 all complete as directed.(For purpose of payment total laid area in length multiplied by width in plan will be paid.) Tenderer to submit necessary pamphlets along with tender.	Sam	0		
	necessary pamphlets along with tender.				

SCHEDULE V SCHEDULE OF WORK - PIPLIGHAD (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Piplighad (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs | Amount in Rs PLUMBING Providing and fixing gun metal gate valve with C.I. wheel of approved quality Sqm 2 Providing and fixing C.P. brass angle valve for basin mixer and geyserpoints of 2 approved quality conforming to IS:8931 a) 15 mm nominal bore: 15 mm nominal Each bore.Make:Hindware,Cera,Jaquar etc.. Providing and fixing PTMT Bottle Trap for Wash basin and sink. Bottle trap 38mm single piece moulded with height of 270mm, effective length of tail pipe Each 0 260mm from the centre of the waste coupling 77mm breadth with 25mm minimum water seal, weighing not less than 263gms. Providing and fixing trap of self cleansing design with screwed down orhinged grating with or without vent arm complete, including cost of cutting and making 2 good the walls and floors:100 mm inlet and 100 mm outlet Constructing brick masonry manhole in cement mortar 1:4 (1 cement: 4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand: 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating Each 0 coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design: With common burnt clay F.P.S designation 7.5 Providing and fixing square – mouth PVC. Gully trap grade "A" complete with CI grating brick masonry chamber with water tight tight CI cover with frame of Each 0 300 x 300mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design Providing and fixing white vitreous china pedestal type water closet(European type W.C. pan) with seat and lid, 10 litre low level white P.V.C.flushing cistern, including flush pipe, with manually controlled device(handle lever), conforming 2 to IS: 7231, with all fittings and fixturescomplete, including cutting and making good the walls and floors wherever required :W.C. pan with ISI marked white solid plastic seat and lid Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brasspillar taps. 32 mm C.P. brass waste of standard pattern, including painting of fittings and 2 brackets, cutting and making good the walls whereverrequire: White Vitreous China Wash basin size 630x450 mm with apair of 15 mm C.P. brass pillar taps Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work including cutting chases and making good the walls etc 20 mm nominal outer dia .Pipes Metre 0 32 mm nominal outer dia Pipes Metre 0 50 mm nominal outer dia Pipes Metre 0 Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as perIS: 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the wallswherever required ::(Lowest retail

Each

price of sink not less than Rs. 3150)

Kitchen sink without drain board, Size -610x510 mm bowl depth 200 mm

SCHEDULE V SCHEDULE OF WORK - PIPLIGHAD (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Piplighad (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Providing and fixing PVC Waste pipe for sink or wash basin including PVC waste fittings complete.:Semi rigid pipe 32mm dia 3 Each Providing and fixing CP Waste coupling for wash basin and sink of approved quality, colour and make. Waste coupling 31mm of 79mm length and 62mm Each 3 breadth, weighing not less than 45 gms. Make: Hindware, Jaquar etc.., Extra for providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/stone work, including necessary holes for pillar taps etc. including moulding, rubbing Each 1 and polishing of cut edges etc. complete. Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden 2 cleats with C.P. brass screws and washers complete. Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved Each 2 quality and colour. 600mm long towel rail with total length of 645mm, width 78mm and effective height of 88mm, weighing not less than 190gms. Providing and fixing PTMT liquid soap container 109mm wide, 125mm high and 112mm distance from wall of standard shape with bracket of the same materials 2 Each with snap fittings of approved quality and colour. weighing not less than 105 gms Providing & fixing of CP Health faucet. Hand operated spray unit (instand type) 51 Set 2 Providing and fixing PVC pipes for water supply arrangements including cost pipes, fittings, solvent cement,testing of pipes, labour charges etc complete : Concealed work including cutting chases and making good the wall etc 20mm dia. PVC pipe Metre 10 a b 25mm dia. PVC pipe Metre 20 32mm dia. PVC pipe Metre 0 Providing and fixing CP grating of 6mm thick with rim including setting in floor with white cement mortar and making good the floor Each 2 125mm dia Providing and fixing PVC soil, waste and vent pipe to IS: 13592 of SWR quality including all fittings, like: Bends, Tees, Elbows, Collars, junction, inspection doors, cowls, offsets, access pipes, jointing with rubber ring / solvent cement by application of leak proof adhesive like FRP paste including cutting holes in walls and floors and making good. Make:Supreme,Finolex,Prince etc.. 50mm dia Metre 0 а b 110mm dia Metre 12 **CURTAIN WORK** 1.Two range of curtain cloth - Type 1 - II. 2. Both for doors, windows and partions. 3. Assorted colours plain & prints 4. Stitched as per site/ size requirement 5. Minor modifications in stitching as per site/ size requirement 6.Preferred colour (Brown, Cream, Beige) 7. Curtain price (including cloth & curtain rod) to be quoted in Squre metre 8. Stitching for each curtain to be absorb in the price of the cloth generally 2 meters. 9. Fast colours, water wash

10.Fabric density Non Transparent Composition

SCHEDULE V SCHEDULE OF WORK - PIPLIGHAD (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Piplighad (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs | Amount in Rs 11. Fabric of curtain shall be soft texture, great shading, drape effect and nice 12. The bracket shall be side mounted and front mounted as required 13. First rod mount is 3.5 inches from the wall. 14. Where curtain used as a partition/ long length, sufficient support from ceiling should be provided to avoid sagging. 15.Rate quoted for fully stitched Curtain with top nepha with punch holes after lining bucramreinforced with SS / PVC islets and lower nepha 200mm double turned. Type -I (Surgical Curtain) Curtain fabric weight shall be up to 275-300 (±5%) gsm Composition of fabric shall be polyester yarn I.E. 300 denier fast colour sink age shall be (±5%) Weft 10 Sqm and warp shall be polyester / cotton polyester mix Type - II (Window & Door Curtain) Curtain fabric weight shall be up to 250-275 (±5%) gsm Composition of fabric shall be polyester yarn I.E. 300 denier fast colour sink age shall be (±5%) Weft 0 and warp shall be polyester / cotton polyester mix FALSE CEILING & CLADDING Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building, for all heights and all levels etc. including: Structural analysis & design and preparation of shop drawings for pressure equalisation or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design. Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metalic colour of approved shades made out of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified 6.00 Sqm using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc. The fastening brackets of Aluminium alloy 6005 T5 / MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specification and drawing The item includes cost of all material & labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding, cleaning and protection of the curtain wall with aluminium composite panel cladding till the handing over of the building for occupation. Base frame work for ACP cladding is payable under the relevant aluminium item.s The Contractor shall provide curtain wall with aluminium composite panel cladding, having all the performance Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked M.S. Pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will 8.00 Sqm be paid for separately, all complete as per direction of Engineer-in-charge. Second class teak wood: 35 mm thick shutters Providing and Fixing Wooden false Ceiling comprising of a Galvanized MS frame as required covered with 12 mm thick Marine ply, followed by 6 mm premium quality MDF for making groove and finished with a natural veneer (as approved) of 3.5 mm thickness duly Spirit polished with melamine matt coating. Sqm 0 The ceiling shall be fixed to the roof soffit with adequate suspenders. The item shall be inclusive of cutting & making cutouts for lights, diffusers etc all complete. (veneer with basic cost Upto Rs:100 per sft FOR site) **Total Civil Works**

SCHEDULE OF WORK - PIPLIGHAD (SIRMOUR DISTRICT)

Sub: Civil and Electrical works for setting up of Health Wellness Center at Piplighad (Sirmour District), Himachal Pradesh

Sub:	Pradesh	•	J ,		
Sl No	Specification	Unit	Quantity	Rate in Rs	Amount in Rs
	ELECTRICAL WORKS		-		
	TOTAL C.O. TO SUMMARY				
1	Point wiring in PVC conduit with modular type switch.				
	Wiring for light point/fan point/exhaust fan point /call bell point with 1.5 sq mm				
	FR PVC insulated copper conductor single core cable in surface/recessed medium				
	class PVC conduit, with modular switch, modular plate, suitable PVC box and				
	earthing the point with 1.5 sq.mm FR PVC insulated copper conductor single core				
	cable etc as required.				
	Group C	Point	5		
2	Wiring through PVC conduit				
	Wiring for circuit/submain wiring along with earth wire with the following sizes				
	of FR PVC insulated copper conductor, single core cable in surface/recessed				
	medium class PVC conduit as required.(Make:Havells/Finolex/V-guard/Polycab)				
a	2X1.5 sq.mm + 1X1.5 sq.mm earth wire	Metre	18		
b	2X2.5 sq.mm + 1 X2.5 sq mm earth wire	Metre	12		
С	2X4 sq.mm + 1X4 sq.mm earth wire	Metre	0		
2	Talanhana mining in agisting conduits				
3	Telephone wiring in existing conduit: Supplying and drawing following pair 0.5 sq mm FR PVC insulated annealed				
	copper conductor, unarmored telephone cable in the existing surface/ recessed				
	steel/ PVC conduit as required.				
a	2 Pair	Metre	0		
4	A/C point	Wiche	U		
_	S/F 20A SPN MCB industrial socket outlet:				
	Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with				
	2 pole and earth, metal enclosed plug top alongwith 20 amps "C" curve, SP,				
	MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover	Point	1		
	for the socket out let and complete with connections, testing and commissioning				
	etc. as required.(Make: Legrand/Havells/HPL)				
5	Modular type blanking plate:				
	Supplying and fixing modular blanking plate on the existing modular plate &	г .	2		
	switch box excluding modular plate as required.(Make: Legrand/Havells/HPL)	Each	3		
6	Modular boxes, bases & cover plate:				
	Supplying and fixing following size/modules, GI box along with modular base &				
	cover plate for modular switches in recess etc as required.(Make:				
	Legrand/Havells/HPL)				
a	2 module	Each	1		
b	3 module	Each	4		
С	4 module	Each	1		
	6 module	Each	2		
e	8 module	Each	0		
f	12 module	Each	0		
7	Modular type switch/socket:				
	Supplying and fixing following modular switch/socket on the existing modular				
	plate & switch box including connections but excluding modular plate etc as				
	required. (Make: Legrand/Havells/HPL)				
a	5/6 Amps switch	Each	6		
b	3 pin 5/6 Amp socket outlet	Each	6		
С	15/16 Amps switch	Each	2		
d	6pin 15/16 Amps (universal) socket outlet	Each	2		
e	Telephone socket outlet	Each	0		
			<u> </u>		
8	S/F PVC conduit:				
	Supplying and fixing of following sizes of medium class PVC conduit along with				
	accessories in surface/recess including cutting the wall and making good the same				
	in case of recessed conduit as required.(ISI Make)				
a	20 mm	Metre	20		
b	25 mm	Metre	15		
				_	•

SCHEDULE V SCHEDULE OF WORK - PIPLIGHAD (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Piplighad (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs ITC Fluorescent fitting directly on surface: Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting/LED of all types, complete with all accessories and tube etc. Each 4 directly on ceiling/ wall, including connection with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable and earthing etc. as required. ITC Ceiling fan: Installation, testing and commissioning of ceiling fan, including wiring the down Each 0 rods of standard length (upto 30 cm) with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable etc. as required. Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular 0 plate etc. as required. LAYING OF CABLES CABLE LAYING Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1kV grade of following size clamped on wall surface with 1mm thick saddles as required complete. FROM Mains TO DB a Metre 15 4 X 10 sq.mm END TERMINATION Supply and making end termination with brass compression gland, earth clip and aluminium lugs for following size of PVC insulated and PVC sheathed/XLPE aluminium conductor cable fo 1.1KV grade as required. 4 X 10 sq.mm Each 2 CABLE SUPPLY Supplying the following PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade as per CPWD standards as required. (Make:Havells/ Glostar/Nicco/Finolex/Polycab) Metre 15 4 x 10 sq.mm Supply of 15W LED tube fitting sleek with decorative end cap, powder coated CRCA steel channel complete with all electrical accessories like electronic ballast, 4 Each lamp holder, 28W LED lamp etc complete as required. (Philips / Wipro /HAVELLS) Supply and installation of 18 W CFL with its all accessories.[ISI MAKE] 16 Each 1 Supply and installation of 1200 mm sweep Ceiling fan, white colour, 5 star rated as per BEE complete with blades, down rod, shackle, canopy etc(Make 0 Havells/bajaj/usha/V-guard/crompton) Supply and installation EXHAUST FAN, SHUTTER TYPE white colour, 9" OR 10" star rated as per BEE complete with its all accessories(Make 0 Havells/bajaj/usha/V-guard) S/F of SPN MCB PDB Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) 4 way double door, horizontal type Each 1 a 6 way Double door, horizontal type Each 0 19.2 **S/F OF SP MCB** 6/10A SP MCB Each 2 19.3 **S/F DP ISOLATOR** Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, ISOLATOR having a sensitivity current upto 100 to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc, as required.(Make: Legrand/Havells/HPL)

Each

32 AMPS

Sub:	Civil and Electrical works for setting up of Health Wellness Center Pradesh	mour Distric	ct), Himachal		
Sl No	Specification	Unit	Quantity	Rate in Rs	Amount in Rs
20	EARTHING				
	Pipe earthing with G.I. earth pipe 2.5 metre, long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt) as required complete.	Set	1		
21	Preparation of all drawings submitting and getting approval from EB for extra load & 3phase connection with Meter, submitting of Completion certificates and arranging inspection, getting sanction and energisation certificates etc. for commissioning of the whole installation in the premises. All statutory payments(inclusive) will be reimbursed on production of the original reciepts.		0		
23	Miscellaneous Items				
23.1	Miscellaneous electrical work, removing of existing conduits and interconnections of light,6A socket/16A socket/A/C point from existing DB	LS	0		
	Total Electrical Works				
	Grand Total			Rs.	
	GST @ 18%			Rs.	
	Grand Total (In Rs. Incl. of taxes)			Rs.	

SCHEDULE V SCHEDULE OF WORK - SAINJ (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Sainj (Sirmour District), Himachal **Pradesh** Sl No Specification Unit Quantity Rate in Rs Amount in Rs CIVIL WORKS EARTH WORK "Excavate foundation in all kinds of soil including soft rock except hard rock requiring blasting part return and fill in foundation and basement in layers not exceeding 15cm in depth including watering, breaking clods and consolidating, disposing and spreading surplus earth within the site upto 1.5m depth.(No extra shall be payable for working space) Cum 48 Tenderer to ensure proper dewatering and shoring methods to ensure all time dry condition. Any damages of sides of foundation or collapsing of soil from sides due to excessive water seepage or surface runoff or any other cause have to be replaced with quarry dust or Malaimann at no extra cost." Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level Sam 40 and removal of rubbish up to a distance of 50 m outside the periphery of the area Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of 0 Each serviceable material and disposal of unserviceable material. Beyond 60 cm girth upto and including 120 cm girth Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each Cum 64 deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m. CEMENT CONCRETE Cement concrete 1:4:8 (1 cement ,4 sand , 8 hard blue granite stone metal 40mm and down gauge in layers not exceeding 15 cms in depth well 6.00 Cum consolidated in foundation and levelling course under floors including necessary shuttering, in steps etc all complete as directed. R.C.C.WORK "RCC M20 (Design Mix) using hard blue granite metal 20mm and down gauge including centering, shuttering, curing etc., compelete but excluding cost of reinforcement Note: Polythene sheet shall be provided under the slabs." In Foundation, Footing and bed blocks at all levels. Cum 2 a In Suspended roof slab of required thicknes 0 Cum In Ground Floor 9.00 Cum c Providing, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete in lintels, beams and bressumers, including setting in cement mortar 1:3 (1 cement : 3 coarse sand), cost of required centering and Cum 11.00 shuttering but, excluding the cost of reinforcement, with 1:1.5:3 (1 cement: 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size) "High Yield Strength Deformed bars in all RCC items & floorings General Note: Sizes of RCC elements shown in the drawing are only indicative and subject to change .No extra shall be payable on this account. Any change in M.T 2.00 size of concrete elements resulting in change of area of shuttering due to change in quantity of concrete shall also not be payable""

Cum

0

Brickwork of locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in cement mortar 1:5 (1 cement, 5 sand)

in foundation and plinth. No extra payment will be paid for any shape or

size, turnings, fins, etc unless otherwise specified seperately.

MASONRY WORK

SCHEDULE V SCHEDULE OF WORK - SAINJ (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Sainj (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded Cum 1 stone aggregate 20 mm nominal size) upto plinth level with : Cement mortar 1:6 (1 cement : 6 coarse sand) 66mm overall thickness partition using 8mm thick double skin multipurpose cement board reinforced with cellulose fibre manufactured through autoclaving 98.00 Sqm process (High pressure steam cured) as per IS: 14862 with suitable fibre cement screws Half brickwork with locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in CM 1:3 (1 cement 3 sand) and reinforced with two numbers of 6mm dia. M.S rods at every fourth course embedded in cement mortar 1:4 for partitions. In Ground Floor Sqm 4.00 FLOORING Providing & laying first class full body vitrified ceramic tile of make Kajaria/ Restile/Johnson or equivqlent of size 600mmx600mmx 9.5mm or approved size of approved colour (matt finish) in flooring using spacer of required size (2mm-4mm) from endura or equivalent over a bed of cement mortar 1:4 of required thickness to match finished floor level mentioned and to match the neighbouring Sqm 42.00 floor finish and jointed with epoxy grout of approved shade from Bal Endura or equivalent brand all complete as directed.(Basic cost of tile - Rs.85/sft). Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area. No extra shall be payable for forming any pattern in the flooring like border, cut tiles,etc. Providing and laying 600mm x 600mm or required size from Kajaria/ Restile/Johnson glazed tiles of plain series(Satin finish) in dado set in CM 1:3 with joints so as to form a true & even surface and joints finished neatly with white cement mixed with matching pigments all complete as directed. (Rate should include base plastering with CM 1:5 of required thickness.) 28.00 Sam The rate shall include cost of providing 6mmx6mm groove in the plastering at top of the tile all complete as directed.(Basic cost of tile - Rs.85/sft). Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area. No extra shall be payable for forming any pattern like border, etc. Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints Sqm 19.00 treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite of any colour and shade. Area of slab over 0.50 sqm STEEL WORK Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes. channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top MT 0.02 of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in incharge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).

SCHEDULE V SCHEDULE OF WORK - SAINJ (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Sainj (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Structural steel work riveted, bolted or welded in built up sections, trusses and MT 0.10 framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. CARPENTRY WORK Providing and fixing factory made uPVC white colour casement/ casement cum fixed glazed windows comprising of uPVC multichampered frame, sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 \pm 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, stainless steel (SS 304 grade) friction hinges, zinc alloy (white powder coated) casement handles, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After 6.00 fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately) Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable. Casement window double panels with top fixed with S.S. friction hinges (350 x 19 x 1.9 mm) made of (small series) frame 47 x 50 mm, sash 47 x 68 mm & mullion 47 x 68 mm all having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area of window upto 2.50 sqm). 24 mm thick factory made PVC door shutters made of styles and rails of a uPVC hollow section of size 59x24 mm and wall thickness 2 mm (± 0.2 mm) with inbuilt edging on both sides. The styles and rails mitred and joint at the corners by means of M.S. galvanised/ plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 20x20 mm and 1 mm (± 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x24 mm and 2 mm (± 0.2 mm) wall thickness, fixed to the shutter styles by 4.00 Sqm means of plastic/galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (± 0.1 mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge. (For W.C. and bathroom door shutter). Providing and fixing cup board shutters 25 mm thick, with Pre-laminated flat pressed three layer particle board or graded wood particle board IS: 12823 marked, exterior grade (Grade 1 Type II), having one side decorative lamination Sam 5.00 and other side balancing lamination, including IInd class teak wood lipping of 25 mm wide x12 mm thick with necessary screws and bright finished stainless steel piano hinges, complete as per direction of the Engineer-in-Charge ROOFING Supplying and embedding P.V.C rain water pipes of approved quality embedded inside the RC columns/masonry in position with all necessary specials like shoes, bends or any other specials required to suit site conditions etc., jointed with wavin cement and lubricants with necessary MS R.M 12.00 clamps, brackets, bolts and nuts all complete as directed. 110mm dia-6kg/sq.cm"

SCHEDULE V SCHEDULE OF WORK - SAINJ (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Sainj (Sirmour District), Himachal **Pradesh** Sl No Specification Unit Quantity Rate in Rs Amount in Rs PLASTERING Prepare surfaces and plaster with CM 1:3(1 cement, 3 sand) ,12mm minimum thick (sponge finish) to ceiling sides and soffit of beams and columns Sqm 44.00 and other interior and exterior RCC surfaces not contiguous to masonry. Prepare surfaces and plaster with CM 1:5(1 cement, 5 sand) ,12mm minimum thick to all interior faces of walls (sponge finish) including RCC surfaces 0 Sqm not contiguous to masonry. Necessary internal grooves of size 10mmx10mm shall be carried out as shown/directed by engineer-in-charge. PAINTING Prepare surfaces and paint two coats of plastic emulsion paint of approved colour over two coats of Gypsum punning of 6 mm minimum thick and primer all 0 Sqm complete as per manufacturers specifications to all ceilings in all floors. Finishing with oil bound washable Interior Emulsion of approved brand and 126.00 manufacture to give an even shade: New work (two or more coats) over and Sqm including water thinnable priming coat with cement primer Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 Sqm 21.00 ltr/10 sqm of approved brand and manufacture Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two 12.00 or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ Sqm 0.80 ltr/ 10 sqm of approved brand and manufacture Providing and applying plaster of paris putty of 2 mm thickness over plastered 28 Sqm 126.00 surface to prepare the surface even and smooth complete. Removing white or colour wash by scrapping and sand papering and preparing the 0 Sqm surface smooth including necessary repairs to scratches etc. complete Finishing with Deluxe Multi surface paint system for exteriors using Primer as per manufacturers specifications: Two or more coats applied on walls @ 1.25 ltr/10 178.00 DISMANTLING Dismantling plastered brickwalls in cement mortar including cleaning, stacking the useful materials as directed by engineer-in-charge and dumping the Cum 1.00 dismantled debris as indicated at site, levelling, consolidating, all complete as directed and disposing the debris away from site all complete as directed. Dismantling the existing RCC concrete including cutting the reinforcement, stacking the useful materials as directed by engineer-in-charge, dumping the Cum 1.00 dismantled debris as indicated at site, leveling, consolidating, all complete as directed and disposal of debris away from site all complete. Dismantling Tile Flooring and Walls and disposing the debris away from site all 33 Sqm 2.00 complete as directed PATHWAY Providing and laying cement concrete paver blocks of thick 80mm made out of M25 design mix of shape and profile as approved by architect .The rate should include cost of necessary excavation, COARSE SAND upto a depth of 50mm Sqm 0 pointing in CM 1:3 all complete as directed.(For purpose of payment total laid area in length multiplied by width in plan will be paid.) Tenderer to submit

necessary pamphlets along with tender.

SCHEDULE V SCHEDULE OF WORK - SAINJ (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Sainj (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs PLUMBING Providing and fixing gun metal gate valve with C.I. wheel of approved quality Sqm 2 Providing and fixing C.P. brass angle valve for basin mixer and geyserpoints of 2 approved quality conforming to IS:8931 a) 15 mm nominal bore: 15 mm nominal Each bore.Make:Hindware,Cera,Jaquar etc.. Providing and fixing PTMT Bottle Trap for Wash basin and sink. Bottle trap 38mm single piece moulded with height of 270mm, effective length of tail pipe Each 0 260mm from the centre of the waste coupling 77mm breadth with 25mm minimum water seal, weighing not less than 263gms. Providing and fixing trap of self cleansing design with screwed down orhinged grating with or without vent arm complete, including cost of cutting and making 2 good the walls and floors:100 mm inlet and 100 mm outlet Constructing brick masonry manhole in cement mortar 1:4 (1 cement: 4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand: 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating Each 0 coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design: With common burnt clay F.P.S designation 7.5 Providing and fixing square – mouth PVC. Gully trap grade "A" complete with CI grating brick masonry chamber with water tight tight CI cover with frame of Each 0 300 x 300mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design Providing and fixing white vitreous china pedestal type water closet(European type W.C. pan) with seat and lid, 10 litre low level white P.V.C.flushing cistern, including flush pipe, with manually controlled device(handle lever), conforming 2 to IS: 7231, with all fittings and fixturescomplete, including cutting and making good the walls and floors wherever required :W.C. pan with ISI marked white solid plastic seat and lid Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brasspillar taps. 32 mm C.P. brass waste of standard pattern, including painting of fittings and 2 brackets, cutting and making good the walls whereverrequire: White Vitreous China Wash basin size 630x450 mm with apair of 15 mm C.P. brass pillar taps Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge.Concealed work including cutting chases and making good the walls etc 20 mm nominal outer dia .Pipes 0 Metre 32 mm nominal outer dia Pipes Metre 0 50 mm nominal outer dia Pipes Metre 0 Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as perIS: 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the wallswherever required ::(Lowest retail price of sink not less than Rs. 3150) Kitchen sink without drain board, Size -610x510 mm bowl depth 200 mm Each

SCHEDULE V SCHEDULE OF WORK - SAINJ (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Sainj (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Providing and fixing PVC Waste pipe for sink or wash basin including PVC waste fittings complete.:Semi rigid pipe 32mm dia 3 Each Providing and fixing CP Waste coupling for wash basin and sink of approved quality, colour and make. Waste coupling 31mm of 79mm length and 62mm Each 3 breadth, weighing not less than 45 gms. Make: Hindware, Jaquar etc.., Extra for providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/stone work, including necessary holes for pillar taps etc. including moulding, rubbing Each 1 and polishing of cut edges etc. complete. Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden 2 cleats with C.P. brass screws and washers complete. Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved Each 2 quality and colour. 600mm long towel rail with total length of 645mm, width 78mm and effective height of 88mm, weighing not less than 190gms. Providing and fixing PTMT liquid soap container 109mm wide, 125mm high and 112mm distance from wall of standard shape with bracket of the same materials 2 Each with snap fittings of approved quality and colour. weighing not less than 105 gms Providing & fixing of CP Health faucet. Hand operated spray unit (instand type) 51 Set 2 Providing and fixing PVC pipes for water supply arrangements including cost pipes, fittings, solvent cement,testing of pipes, labour charges etc complete : Concealed work including cutting chases and making good the wall etc 20mm dia. PVC pipe Metre 10 a b 25mm dia. PVC pipe Metre 20 32mm dia. PVC pipe Metre 0 Providing and fixing CP grating of 6mm thick with rim including setting in floor with white cement mortar and making good the floor Each 2 125mm dia Providing and fixing PVC soil, waste and vent pipe to IS: 13592 of SWR quality including all fittings, like: Bends, Tees, Elbows, Collars, junction, inspection doors, cowls, offsets, access pipes, jointing with rubber ring / solvent cement by application of leak proof adhesive like FRP paste including cutting holes in walls and floors and making good. Make:Supreme,Finolex,Prince etc.. 50mm dia Metre 0 а b 110mm dia Metre 12 **CURTAIN WORK** 1.Two range of curtain cloth - Type 1 - II. 2. Both for doors, windows and partions. 3. Assorted colours plain & prints 4. Stitched as per site/ size requirement 5. Minor modifications in stitching as per site/ size requirement 6.Preferred colour (Brown, Cream, Beige) 7. Curtain price (including cloth & curtain rod) to be quoted in Squre metre 8. Stitching for each curtain to be absorb in the price of the cloth generally 2 meters. 9. Fast colours, water wash 10.Fabric density Non Transparent Composition

SCHEDULE V SCHEDULE OF WORK - SAINJ (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Sainj (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs 11. Fabric of curtain shall be soft texture, great shading, drape effect and nice 12. The bracket shall be side mounted and front mounted as required 13. First rod mount is 3.5 inches from the wall. 14. Where curtain used as a partition/ long length, sufficient support from ceiling should be provided to avoid sagging. 15.Rate quoted for fully stitched Curtain with top nepha with punch holes after lining bucramreinforced with SS / PVC islets and lower nepha 200mm double turned. Type -I (Surgical Curtain) Curtain fabric weight shall be up to 275-300 (±5%) gsm Composition of fabric shall be polyester yarn I.E. 300 denier fast colour sink age shall be (±5%) Weft 10 Sqm and warp shall be polyester / cotton polyester mix Type - II (Window & Door Curtain) Curtain fabric weight shall be up to 250-275 (±5%) gsm Composition of fabric shall be polyester yarn I.E. 300 denier fast colour sink age shall be (±5%) Weft 0 and warp shall be polyester / cotton polyester mix FALSE CEILING & CLADDING Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building, for all heights and all levels etc. including: Structural analysis & design and preparation of shop drawings for pressure equalisation or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design. Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metalic colour of approved shades made out of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified 6.00 Sqm using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc. The fastening brackets of Aluminium alloy 6005 T5 / MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specification and drawing The item includes cost of all material & labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding, cleaning and protection of the curtain wall with aluminium composite panel cladding till the handing over of the building for occupation. Base frame work for ACP cladding is payable under the relevant aluminium item.s The Contractor shall provide curtain wall with aluminium composite panel cladding, having all the performance Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked M.S. Pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will 8.00 Sqm be paid for separately, all complete as per direction of Engineer-in-charge Second class teak wood: 35 mm thick shutters Providing and Fixing Wooden false Ceiling comprising of a Galvanized MS frame as required covered with 12 mm thick Marine ply, followed by 6 mm premium quality MDF for making groove and finished with a natural veneer (as approved) of 3.5 mm thickness duly Spirit polished with melamine matt coating. Sqm 0 The ceiling shall be fixed to the roof soffit with adequate suspenders. The item shall be inclusive of cutting & making cutouts for lights, diffusers etc all complete. (veneer with basic cost Upto Rs:100 per sft FOR site) **Total Civil Works**

SCHEDULE V SCHEDULE OF WORK - SAINJ (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Sainj (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs | Amount in Rs ELECTRICAL WORKS TOTAL C.O. TO SUMMARY Point wiring in PVC conduit with modular type switch. Wiring for light point/fan point/exhaust fan point /call bell point with 1.5 sq mm FR PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit, with modular switch, modular plate, suitable PVC box and earthing the point with 1.5 sq.mm FR PVC insulated copper conductor single core cable etc as required. Point Group C 5 Wiring through PVC conduit Wiring for circuit/submain wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/recessed medium class PVC conduit as required.(Make:Havells/Finolex/V-guard/Polycab) 2X1.5 sq.mm + 1X1.5 sq.mm earth wire Metre 18 2X2.5 sq.mm + 1 X2.5 sq mm earth wireMetre 12 b 2X4 sq.mm + 1X4 sq.mm earth wire Metre 0 c 3 Telephone wiring in existing conduit: Supplying and drawing following pair 0.5 sq mm FR PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required. 2 Pair Metre 0 а A/C point S/F 20A SPN MCB industrial socket outlet: Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 amps "C" curve, SP, Point 1 MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.(Make: Legrand/Havells/HPL) Modular type blanking plate: Supplying and fixing modular blanking plate on the existing modular plate & 3 Each switch box excluding modular plate as required.(Make: Legrand/Havells/HPL) Modular boxes, bases & cover plate: Supplying and fixing following size/modules, GI box along with modular base & cover plate for modular switches in recess etc as required.(Make: Legrand/Havells/HPL) 2 module Each 4 3 module b Each 4 module 1 Each d 6 module Each 2 8 module Each 0 0 12 module Each Modular type switch/socket: Supplying and fixing following modular switch/socket on the existing modular plate & switch box including connections but excluding modular plate etc as required. (Make: Legrand/Havells/HPL) 5/6 Amps switch Each 6 3 pin 5/6 Amp socket outlet Each 15/16 Amps switch 2 Each 2 6pin 15/16 Amps (universal) socket outlet Each Telephone socket outlet Each 0

20

Metre

Metre

Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same

in case of recessed conduit as required.(ISI Make)

S/F PVC conduit:

20 mm

25 mm

b

SCHEDULE V SCHEDULE OF WORK - SAINJ (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Sainj (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs ITC Fluorescent fitting directly on surface: Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting/LED of all types, complete with all accessories and tube etc. Each 4 directly on ceiling/ wall, including connection with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable and earthing etc. as required. ITC Ceiling fan: Installation, testing and commissioning of ceiling fan, including wiring the down Each 0 rods of standard length (upto 30 cm) with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable etc. as required. Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular 0 plate etc. as required. LAYING OF CABLES CABLE LAYING Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1kV grade of following size clamped on wall surface with 1mm thick saddles as required complete. FROM Mains TO DB a Metre 15 4 X 10 sq.mm END TERMINATION Supply and making end termination with brass compression gland, earth clip and aluminium lugs for following size of PVC insulated and PVC sheathed/XLPE aluminium conductor cable fo 1.1KV grade as required. 4 X 10 sq.mm Each 2 CABLE SUPPLY Supplying the following PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade as per CPWD standards as required. (Make:Havells/ Glostar/Nicco/Finolex/Polycab) Metre 15 4 x 10 sq.mm Supply of 15W LED tube fitting sleek with decorative end cap, powder coated CRCA steel channel complete with all electrical accessories like electronic ballast, 4 Each lamp holder, 28W LED lamp etc complete as required. (Philips / Wipro /HAVELLS) Supply and installation of 18 W CFL with its all accessories.[ISI MAKE] 16 Each 1 Supply and installation of 1200 mm sweep Ceiling fan, white colour, 5 star rated as per BEE complete with blades, down rod, shackle, canopy etc(Make 0 Havells/bajaj/usha/V-guard/crompton) Supply and installation EXHAUST FAN, SHUTTER TYPE white colour, 9" OR 10" star rated as per BEE complete with its all accessories(Make 0 Havells/bajaj/usha/V-guard) S/F of SPN MCB PDB Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) 4 way double door, horizontal type Each 1 a 6 way Double door, horizontal type Each 0 19.2 **S/F OF SP MCB** 6/10A SP MCB Each 2 19.3 **S/F DP ISOLATOR** Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, ISOLATOR having a sensitivity current upto 100 to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc, as required.(Make: Legrand/Havells/HPL) 32 AMPS Each

	SCHEDULE V						
	SCHEDULE OF WORK - SAINJ (SIRMOUR DISTRICT)						
Sub	Civil and Electrical works for setting up of Health Wellness Center Pradesh	District) , I	Iimachal				
Sl No S	Specification	Unit	Quantity	Rate in Rs	Amount in Rs		
20 I	EARTHING						
a	Pipe earthing with G.I. earth pipe 2.5 metre, long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt) as required complete.	Set	1				
21 a	Preparation of all drawings submitting and getting approval from EB for extra load & 3phase connection with Meter, submitting of Completion certificates and arranging inspection, getting sanction and energisation certificates etc. for commissioning of the whole installation in the premises. All statutory payments(inclusive) will be reimbursed on production of the original reciepts.	Ls	0				
	Miscellaneous Items						
	Miscellaneous electrical work, removing of existing conduits and interconnections of light,6A socket/16A socket/A/C point from exisitng DB	LS	0				
7	Total Electrical Works						
(Grand Total			Rs.			
(GST @ 18%			Rs.			
(Grand Total (In Rs. Incl. of taxes)			Rs.			

SCHEDULE OF WORK - SARSOO (SIRMOUR DISTRICT)

Sub: Civil and Electrical works for setting up of Health Wellness Center at Sarsoo (Sirmour District), Himachal Pradesh

Sub:	Pradesh		500 (511110)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,
Sl No	Specification	Unit	Quantity	Rate in Rs	Amount in Rs
	CIVIL WORKS				
	EARTH WORK				
1	"Excavate foundation in all kinds of soil including soft rock except hard rock requiring blasting part return and fill in foundation and basement in layers not exceeding 15cm in depth including watering, breaking clods and consolidating, disposing and spreading surplus earth within the site upto 1.5m depth.(No extra shall be payable for working space) Tenderer to ensure proper dewatering and shoring methods to ensure all time dry condition. Any damages of sides of foundation or collapsing of soil from sides due to excessive water seepage or surface runoff or any other cause have to be replaced with quarry dust or Malaimann at no extra cost."	Cum	38		
2	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared.	Sqm	40		
3	Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material. Beyond 60 cm girth upto and including 120 cm girth	Each	0		
4	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.		24		
	CEMENT CONCRETE				
5	Cement concrete 1:4:8 (1 cement ,4 sand , 8 hard blue granite stone metal 40mm and down gauge in layers not exceeding 15 cms in depth well consolidated in foundation and levelling course under floors including necessary shuttering, in steps etc all complete as directed. R.C.C.WORK	Cum	6.00		
6	"RCC M20 (Design Mix) using hard blue granite metal 20mm and down gauge including centering, shuttering, curing etc., compelete but excluding cost of reinforcement Note: Polythene sheet shall be provided under the slabs."				
a	In Foundation, Footing and bed blocks at all levels.	Cum	2		
b	In Suspended roof slab of required thicknes	Cum	0		
с	In Ground Floor	Cum	8.00		
7	Providing, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete in lintels, beams and bressumers, including setting in cement mortar 1:3 (1 cement : 3 coarse sand), cost of required centering and shuttering but, excluding the cost of reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size)	Cum	9.00		
8	"High Yield Strength Deformed bars in all RCC items & floorings General Note: Sizes of RCC elements shown in the drawing are only indicative and subject to change .No extra shall be payable on this account. Any change in size of concrete elements resulting in change of area of shuttering due to change in quantity of concrete shall also not be payable""	M.T	2.00		
	MASONRY WORK				
9	Brickwork of locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in cement mortar 1:5 (1 cement,5 sand) in foundation and plinth. No extra payment will be paid for any shape or size,turnings, fins, etc unless otherwise specified seperately.		0		

SCHEDULE V SCHEDULE OF WORK - SARSOO (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Sarsoo (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded Cum 0 stone aggregate 20 mm nominal size) upto plinth level with : Cement mortar 1:6 (1 cement : 6 coarse sand) 66mm overall thickness partition using 8mm thick double skin multipurpose cement board reinforced with cellulose fibre manufactured through autoclaving 98.00 Sqm process (High pressure steam cured) as per IS: 14862 with suitable fibre cement screws Half brickwork with locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in CM 1:3 (1 cement 3 sand) and reinforced with two numbers of 6mm dia. M.S rods at every fourth course embedded in cement mortar 1:4 for partitions. 4.00 In Ground Floor Sqm FLOORING Providing & laying first class full body vitrified ceramic tile of make Kajaria/ Restile/Johnson or equivqlent of size 600mmx600mmx 9.5mm or approved size of approved colour (matt finish) in flooring using spacer of required size (2mm-4mm) from endura or equivalent over a bed of cement mortar 1:4 of required thickness to match finished floor level mentioned and to match the neighbouring Sqm 42.00 floor finish and jointed with epoxy grout of approved shade from Bal Endura or equivalent brand all complete as directed.(Basic cost of tile - Rs.85/sft).Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area. No extra shall be payable for forming any pattern in the flooring like border, cut tiles.etc. Providing and laying 600mm x 600mm or required size from Kajaria/ Restile/Johnson glazed tiles of plain series(Satin finish) in dado set in CM 1:3 with joints so as to form a true & even surface and joints finished neatly with white cement mixed with matching pigments all complete as directed. (Rate should include base plastering with CM 1:5 of required thickness.) 28.00 Sam The rate shall include cost of providing 6mmx6mm groove in the plastering at top of the tile all complete as directed.(Basic cost of tile - Rs.85/sft). Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area. No extra shall be payable for forming any pattern like border, etc. Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints Sqm 19.00 treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite of any colour and shade. Area of slab over 0.50 sqm STEEL WORK Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes. channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top MT 0.02 of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in incharge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).

SCHEDULE V SCHEDULE OF WORK - SARSOO (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Sarsoo (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Structural steel work riveted, bolted or welded in built up sections, trusses and MT 0.10 framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. CARPENTRY WORK Providing and fixing factory made uPVC white colour casement/ casement cum fixed glazed windows comprising of uPVC multichampered frame, sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 \pm 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, stainless steel (SS 304 grade) friction hinges, zinc alloy (white powder coated) casement handles, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After 6.00 fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately) Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable. Casement window double panels with top fixed with S.S. friction hinges (350 x 19 x 1.9 mm) made of (small series) frame 47 x 50 mm, sash 47 x 68 mm & mullion 47 x 68 mm all having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area of window upto 2.50 sqm). 24 mm thick factory made PVC door shutters made of styles and rails of a uPVC hollow section of size 59x24 mm and wall thickness 2 mm (± 0.2 mm) with inbuilt edging on both sides. The styles and rails mitred and joint at the corners by means of M.S. galvanised/ plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 20x20 mm and 1 mm (± 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x24 mm and 2 mm (± 0.2 mm) wall thickness, fixed to the shutter styles by 4.00 Sqm means of plastic/galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (± 0.1 mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge. (For W.C. and bathroom door shutter). Providing and fixing cup board shutters 25 mm thick, with Pre-laminated flat pressed three layer particle board or graded wood particle board IS: 12823 marked, exterior grade (Grade 1 Type II), having one side decorative lamination Sam 5.00 and other side balancing lamination, including IInd class teak wood lipping of 25 mm wide x12 mm thick with necessary screws and bright finished stainless steel piano hinges, complete as per direction of the Engineer-in-Charge ROOFING Supplying and embedding P.V.C rain water pipes of approved quality embedded inside the RC columns/masonry in position with all necessary specials like shoes, bends or any other specials required to suit site conditions etc., jointed with wavin cement and lubricants with necessary MS R.M 12.00 clamps, brackets, bolts and nuts all complete as directed. 110mm dia-6kg/sq.cm"

SCHEDULE V SCHEDULE OF WORK - SARSOO (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Sarsoo (Sirmour District), Himachal **Pradesh** Sl No Specification Unit Quantity Rate in Rs Amount in Rs PLASTERING Prepare surfaces and plaster with CM 1:3(1 cement, 3 sand) ,12mm minimum thick (sponge finish) to ceiling sides and soffit of beams and columns Sqm 44.00 and other interior and exterior RCC surfaces not contiguous to masonry. Prepare surfaces and plaster with CM 1:5(1 cement, 5 sand) ,12mm minimum thick to all interior faces of walls (sponge finish) including RCC surfaces 0 Sqm not contiguous to masonry. Necessary internal grooves of size 10mmx10mm shall be carried out as shown/directed by engineer-in-charge. PAINTING Prepare surfaces and paint two coats of plastic emulsion paint of approved colour over two coats of Gypsum punning of 6 mm minimum thick and primer all 0 Sqm complete as per manufacturers specifications to all ceilings in all floors. Finishing with oil bound washable Interior Emulsion of approved brand and 126.00 manufacture to give an even shade: New work (two or more coats) over and Sqm including water thinnable priming coat with cement primer Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 Sqm 21.00 ltr/10 sqm of approved brand and manufacture Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two 12.00 or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ Sqm 0.80 ltr/ 10 sqm of approved brand and manufacture Providing and applying plaster of paris putty of 2 mm thickness over plastered 28 Sqm 126.00 surface to prepare the surface even and smooth complete. Removing white or colour wash by scrapping and sand papering and preparing the 0 Sqm surface smooth including necessary repairs to scratches etc. complete Finishing with Deluxe Multi surface paint system for exteriors using Primer as per manufacturers specifications: Two or more coats applied on walls @ 1.25 ltr/10 178.00 DISMANTLING Dismantling plastered brickwalls in cement mortar including cleaning, stacking the useful materials as directed by engineer-in-charge and dumping the Cum 1.00 dismantled debris as indicated at site, levelling, consolidating, all complete as directed and disposing the debris away from site all complete as directed. Dismantling the existing RCC concrete including cutting the reinforcement, stacking the useful materials as directed by engineer-in-charge, dumping the Cum 1.00 dismantled debris as indicated at site, leveling, consolidating, all complete as directed and disposal of debris away from site all complete. Dismantling Tile Flooring and Walls and disposing the debris away from site all 33 Sqm 2.00 complete as directed PATHWAY Providing and laying cement concrete paver blocks of thick 80mm made out of M25 design mix of shape and profile as approved by architect .The rate should include cost of necessary excavation, COARSE SAND upto a depth of 50mm

pointing in CM 1:3 all complete as directed.(For purpose of payment total laid area in length multiplied by width in plan will be paid.) Tenderer to submit

necessary pamphlets along with tender.

Sqm

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SCHEDULE V SCHEDULE OF WORK - SARSOO (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Sarsoo (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs PLUMBING Providing and fixing gun metal gate valve with C.I. wheel of approved quality Sqm 2 Providing and fixing C.P. brass angle valve for basin mixer and geyserpoints of 2 approved quality conforming to IS:8931 a) 15 mm nominal bore: 15 mm nominal Each bore.Make:Hindware,Cera,Jaquar etc.. Providing and fixing PTMT Bottle Trap for Wash basin and sink. Bottle trap 38mm single piece moulded with height of 270mm, effective length of tail pipe Each 0 260mm from the centre of the waste coupling 77mm breadth with 25mm minimum water seal, weighing not less than 263gms. Providing and fixing trap of self cleansing design with screwed down orhinged grating with or without vent arm complete, including cost of cutting and making 2 good the walls and floors:100 mm inlet and 100 mm outlet Constructing brick masonry manhole in cement mortar 1:4 (1 cement: 4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand: 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating Each 0 coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design: With common burnt clay F.P.S designation 7.5 Providing and fixing square – mouth PVC. Gully trap grade "A" complete with CI grating brick masonry chamber with water tight tight CI cover with frame of Each 0 300 x 300mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design Providing and fixing white vitreous china pedestal type water closet(European type W.C. pan) with seat and lid, 10 litre low level white P.V.C.flushing cistern, including flush pipe, with manually controlled device(handle lever), conforming 2 to IS: 7231, with all fittings and fixturescomplete, including cutting and making good the walls and floors wherever required :W.C. pan with ISI marked white solid plastic seat and lid Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brasspillar taps. 32 mm C.P. brass waste of standard pattern, including painting of fittings and 2 brackets, cutting and making good the walls whereverrequire: White Vitreous China Wash basin size 630x450 mm with apair of 15 mm C.P. brass pillar taps Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work including cutting chases and making good the walls etc 20 mm nominal outer dia .Pipes Metre 0 32 mm nominal outer dia Pipes Metre 0 50 mm nominal outer dia Pipes Metre 0 Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as perIS: 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the wallswherever required ::(Lowest retail price of sink not less than Rs. 3150) Kitchen sink without drain board, Size -610x510 mm bowl depth 200 mm Each

SCHEDULE V SCHEDULE OF WORK - SARSOO (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Sarsoo (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Providing and fixing PVC Waste pipe for sink or wash basin including PVC waste fittings complete.:Semi rigid pipe 32mm dia 3 Each Providing and fixing CP Waste coupling for wash basin and sink of approved quality, colour and make. Waste coupling 31mm of 79mm length and 62mm Each 3 breadth, weighing not less than 45 gms. Make: Hindware, Jaquar etc.., Extra for providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/stone work, including necessary holes for pillar taps etc. including moulding, rubbing Each 1 and polishing of cut edges etc. complete. Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden 2 cleats with C.P. brass screws and washers complete. Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved Each 2 quality and colour. 600mm long towel rail with total length of 645mm, width 78mm and effective height of 88mm, weighing not less than 190gms. Providing and fixing PTMT liquid soap container 109mm wide, 125mm high and 112mm distance from wall of standard shape with bracket of the same materials 2 Each with snap fittings of approved quality and colour. weighing not less than 105 gms Providing & fixing of CP Health faucet. Hand operated spray unit (instand type) 51 Set 2 Providing and fixing PVC pipes for water supply arrangements including cost pipes, fittings, solvent cement,testing of pipes, labour charges etc complete : Concealed work including cutting chases and making good the wall etc 20mm dia. PVC pipe Metre 10 a b 25mm dia. PVC pipe Metre 20 32mm dia. PVC pipe Metre 0 Providing and fixing CP grating of 6mm thick with rim including setting in floor with white cement mortar and making good the floor Each 2 125mm dia Providing and fixing PVC soil, waste and vent pipe to IS: 13592 of SWR quality including all fittings, like: Bends, Tees, Elbows, Collars, junction, inspection doors, cowls, offsets, access pipes, jointing with rubber ring / solvent cement by application of leak proof adhesive like FRP paste including cutting holes in walls and floors and making good. Make:Supreme,Finolex,Prince etc.. 50mm dia Metre 0 а b 110mm dia Metre 12 **CURTAIN WORK** 1.Two range of curtain cloth - Type 1 - II. 2. Both for doors, windows and partions. 3. Assorted colours plain & prints 4. Stitched as per site/ size requirement 5. Minor modifications in stitching as per site/ size requirement 6.Preferred colour (Brown, Cream, Beige) 7. Curtain price (including cloth & curtain rod) to be quoted in Squre metre 8. Stitching for each curtain to be absorb in the price of the cloth generally 2 meters. 9. Fast colours, water wash 10.Fabric density Non Transparent Composition

SCHEDULE V SCHEDULE OF WORK - SARSOO (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Sarsoo (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs 11. Fabric of curtain shall be soft texture, great shading, drape effect and nice 12. The bracket shall be side mounted and front mounted as required 13. First rod mount is 3.5 inches from the wall. 14. Where curtain used as a partition/ long length, sufficient support from ceiling should be provided to avoid sagging. 15.Rate quoted for fully stitched Curtain with top nepha with punch holes after lining bucramreinforced with SS / PVC islets and lower nepha 200mm double turned. Type -I (Surgical Curtain) Curtain fabric weight shall be up to 275-300 (±5%) gsm Composition of fabric shall be polyester yarn I.E. 300 denier fast colour sink age shall be (±5%) Weft 10 Sqm and warp shall be polyester / cotton polyester mix Type - II (Window & Door Curtain) Curtain fabric weight shall be up to 250-275 (±5%) gsm Composition of fabric shall be polyester yarn I.E. 300 denier fast colour sink age shall be (±5%) Weft 0 and warp shall be polyester / cotton polyester mix FALSE CEILING & CLADDING Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building, for all heights and all levels etc. including: Structural analysis & design and preparation of shop drawings for pressure equalisation or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design. Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metalic colour of approved shades made out of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified 6.00 Sqm using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc. The fastening brackets of Aluminium alloy 6005 T5 / MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specification and drawing The item includes cost of all material & labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding, cleaning and protection of the curtain wall with aluminium composite panel cladding till the handing over of the building for occupation. Base frame work for ACP cladding is payable under the relevant aluminium item.s The Contractor shall provide curtain wall with aluminium composite panel cladding, having all the performance Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked M.S. Pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will 8.00 Sqm be paid for separately, all complete as per direction of Engineer-in-charge Second class teak wood: 35 mm thick shutters Providing and Fixing Wooden false Ceiling comprising of a Galvanized MS frame as required covered with 12 mm thick Marine ply, followed by 6 mm premium quality MDF for making groove and finished with a natural veneer (as approved) of 3.5 mm thickness duly Spirit polished with melamine matt coating. Sqm 0 The ceiling shall be fixed to the roof soffit with adequate suspenders. The item shall be inclusive of cutting & making cutouts for lights, diffusers etc all complete. (veneer with basic cost Upto Rs:100 per sft FOR site) **Total Civil Works**

SCHEDULE OF WORK - SARSOO (SIRMOUR DISTRICT)

Sub: Civil and Electrical works for setting up of Health Wellness Center at Sarsoo (Sirmour District), Himachal Pradesh

Sub:	Pradesh		•	,	
Sl No	Specification	Unit	Quantity	Rate in Rs	Amount in Rs
	ELECTRICAL WORKS				
	TOTAL C.O. TO SUMMARY				
1	Point wiring in PVC conduit with modular type switch.				
	Wiring for light point/fan point/exhaust fan point /call bell point with 1.5 sq mm				
	FR PVC insulated copper conductor single core cable in surface/recessed medium				
	class PVC conduit, with modular switch, modular plate, suitable PVC box and				
	earthing the point with 1.5 sq.mm FR PVC insulated copper conductor single core				
	cable etc as required.				
	Group C	Point	5		
2	Wiring through PVC conduit				
	Wiring for circuit/submain wiring along with earth wire with the following sizes				
	of FR PVC insulated copper conductor, single core cable in surface/recessed				
	medium class PVC conduit as required.(Make:Havells/Finolex/V-guard/Polycab)				
a	2X1.5 sq.mm + 1X1.5 sq.mm earth wire	Metre	18		
b	2X2.5 sq.mm + 1 X2.5 sq mm earth wire	Metre	12		
c	2X4 sq.mm + 1X4 sq.mm earth wire	Metre	0		
3	Telephone wiring in existing conduit:				
	Supplying and drawing following pair 0.5 sq mm FR PVC insulated annealed				
	copper conductor, unarmored telephone cable in the existing surface/ recessed				
	steel/ PVC conduit as required.				
a	2 Pair	Metre	0		
4	A/C point				
	S/F 20A SPN MCB industrial socket outlet:				
	Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with				
	2 pole and earth, metal enclosed plug top alongwith 20 amps "C" curve, SP,	Point	1		
	MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover	1 OIIIt	1		
	for the socket out let and complete with connections, testing and commissioning				
	etc. as required.(Make: Legrand/Havells/HPL)				
5	Modular type blanking plate:				
	Supplying and fixing modular blanking plate on the existing modular plate &	Each	3		
	switch box excluding modular plate as required.(Make: Legrand/Havells/HPL)	Lacii	3		
6	Modular boxes, bases & cover plate:				
	Supplying and fixing following size/modules, GI box along with modular base &				
	cover plate for modular switches in recess etc as required.(Make:				
	Legrand/Havells/HPL)				
a	2 module	Each	1		
b	3 module	Each	4		
c	4 module	Each	1		
	6 module	Each	2		
e	8 module	Each	0		
f	12 module	Each	0		
7	Modular type switch/socket:				
	Supplying and fixing following modular switch/socket on the existing modular				
	plate & switch box including connections but excluding modular plate etc as				
	required. (Make: Legrand/Havells/HPL)				
			_		
a	5/6 Amps switch	Each	6		
b	3 pin 5/6 Amp socket outlet	Each	6		
c	15/16 Amps switch	Each	2		
d	6pin 15/16 Amps (universal) socket outlet	Each	2		
e	Telephone socket outlet	Each	0		
_	CID DVC				
8	S/F PVC conduit:				
	Supplying and fixing of following sizes of medium class PVC conduit along with				
	accessories in surface/recess including cutting the wall and making good the same				
	in case of recessed conduit as required.(ISI Make)	36	20		
a	20 mm	Metre	20		
b	25 mm	Metre	15		

SCHEDULE V SCHEDULE OF WORK - SARSOO (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Sarsoo (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs ITC Fluorescent fitting directly on surface: Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting/LED of all types, complete with all accessories and tube etc. Each 4 directly on ceiling/ wall, including connection with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable and earthing etc. as required. ITC Ceiling fan: Installation, testing and commissioning of ceiling fan, including wiring the down Each 0 rods of standard length (upto 30 cm) with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable etc. as required. Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular 0 plate etc. as required. LAYING OF CABLES CABLE LAYING Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1kV grade of following size clamped on wall surface with 1mm thick saddles as required complete. FROM Mains TO DB a Metre 15 4 X 10 sq.mm END TERMINATION Supply and making end termination with brass compression gland, earth clip and aluminium lugs for following size of PVC insulated and PVC sheathed/XLPE aluminium conductor cable fo 1.1KV grade as required. 4 X 10 sq.mm Each 2 CABLE SUPPLY Supplying the following PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade as per CPWD standards as required. (Make:Havells/ Glostar/Nicco/Finolex/Polycab) Metre 15 4 x 10 sq.mm Supply of 15W LED tube fitting sleek with decorative end cap, powder coated CRCA steel channel complete with all electrical accessories like electronic ballast, 4 Each lamp holder, 28W LED lamp etc complete as required. (Philips / Wipro /HAVELLS) Supply and installation of 18 W CFL with its all accessories.[ISI MAKE] 16 Each 1 Supply and installation of 1200 mm sweep Ceiling fan, white colour, 5 star rated as per BEE complete with blades, down rod, shackle, canopy etc(Make 0 Havells/bajaj/usha/V-guard/crompton) Supply and installation EXHAUST FAN, SHUTTER TYPE white colour, 9" OR 10" star rated as per BEE complete with its all accessories(Make 0 Havells/bajaj/usha/V-guard) S/F of SPN MCB PDB Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) 4 way double door, horizontal type Each 1 a 6 way Double door, horizontal type Each 0 19.2 **S/F OF SP MCB** 6/10A SP MCB Each 2 19.3 **S/F DP ISOLATOR** Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, ISOLATOR having a sensitivity current upto 100 to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc, as required.(Make: Legrand/Havells/HPL) 32 AMPS Each

	SCHEDULE OF WORK - SARSOO (SIRMOUR DISTRICT)							
Sub:	Civil and Electrical works for setting up of Health Wellness Center Pradesh	ur District) ,	, Himachal					
Sl No	Specification	Unit	Quantity	Rate in Rs	Amount in Rs			
20	EARTHING							
	Pipe earthing with G.I. earth pipe 2.5 metre, long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt) as required complete.	Set	1					
21	Preparation of all drawings submitting and getting approval from EB for extra load & 3phase connection with Meter, submitting of Completion certificates and arranging inspection, getting sanction and energisation certificates etc. for commissioning of the whole installation in the premises. All statutory payments(inclusive) will be reimbursed on production of the original reciepts.		0					
23	Miscellaneous Items							
23.1	Miscellaneous electrical work, removing of existing conduits and interconnections of light,6A socket/16A socket/A/C point from existing DB	LS	0					
	Total Electrical Works							
	Grand Total			Rs.				
	GST @ 18%			Rs.				
	Grand Total (In Rs. Incl. of taxes)			Rs.				

SCHEDULE OF WORK - SHARIYA (SIRMOUR DISTRICT)

Sub: Civil and Electrical works for setting up of Health Wellness Center at Shariya (Sirmour District) , Himachal Pradesh

	Pradesh				
	Specification	Unit	Quantity	Rate in Rs	Amount in Rs
	CIVIL WORKS				
1	"Excavate foundation in all kinds of soil including soft rock except hard rock requiring blasting part return and fill in foundation and basement in layers not exceeding 15cm in depth including watering, breaking clods and consolidating, disposing and spreading surplus earth within the site upto 1.5m depth.(No extra shall be payable for working space) Tenderer to ensure proper dewatering and shoring methods to ensure all time dry condition. Any damages of sides of foundation or collapsing of soil from sides due to excessive water seepage or surface runoff or any other cause have to be	Cum	34		
2	replaced with quarry dust or Malaimann at no extra cost." Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared.	Sqm	40		
3	Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material. Beyond 60 cm girth upto and including 120 cm girth	Each	0		
4	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	Cum	6		
	CEMENT CONCRETE				
5	Cement concrete 1:4:8 (1 cement ,4 sand , 8 hard blue granite stone metal 40mm and down gauge in layers not exceeding 15 cms in depth well consolidated in foundation and levelling course under floors including necessary shuttering, in steps etc all complete as directed. R.C.C.WORK	Cum	6.00		
	N.C.C.WORK				
6	"RCC M20 (Design Mix) using hard blue granite metal 20mm and down gauge including centering, shuttering, curing etc., compelete but excluding cost of reinforcement Note: Polythene sheet shall be provided under the slabs."				
a	In Foundation, Footing and bed blocks at all levels.	Cum	2		
		σ.			
b	In Suspended roof slab of required thicknes	Cum	0		
c	In Ground Floor	Cum	5.00		
7	Providing, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete in lintels, beams and bressumers, including setting in cement mortar 1:3 (1 cement : 3 coarse sand), cost of required centering and shuttering but, excluding the cost of reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size)	Cum	8.00		
8	"High Yield Strength Deformed bars in all RCC items & floorings General Note: Sizes of RCC elements shown in the drawing are only indicative and subject to change .No extra shall be payable on this account. Any change in size of concrete elements resulting in change of area of shuttering due to change in quantity of concrete shall also not be payable""	М.Т	2.00		
	MASONRY WORK				
9	Brickwork of locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in cement mortar 1:5 (1 cement,5 sand) in foundation and plinth. No extra payment will be paid for any shape or size,turnings, fins, etc unless otherwise specified seperately.	Cum	0		

SCHEDULE V SCHEDULE OF WORK - SHARIYA (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Shariya (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded Cum 0 stone aggregate 20 mm nominal size) upto plinth level with : Cement mortar 1:6 (1 cement : 6 coarse sand) 66mm overall thickness partition using 8mm thick double skin multipurpose cement board reinforced with cellulose fibre manufactured through autoclaving 98.00 Sqm process (High pressure steam cured) as per IS: 14862 with suitable fibre cement screws Half brickwork with locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in CM 1:3 (1 cement 3 sand) and reinforced with two numbers of 6mm dia. M.S rods at every fourth course embedded in cement mortar 1:4 for partitions. 4.00 In Ground Floor Sqm FLOORING Providing & laying first class full body vitrified ceramic tile of make Kajaria/ Restile/Johnson or equivqlent of size 600mmx600mmx 9.5mm or approved size of approved colour (matt finish) in flooring using spacer of required size (2mm-4mm) from endura or equivalent over a bed of cement mortar 1:4 of required thickness to match finished floor level mentioned and to match the neighbouring Sqm 42.00 floor finish and jointed with epoxy grout of approved shade from Bal Endura or equivalent brand all complete as directed.(Basic cost of tile - Rs.85/sft). Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area. No extra shall be payable for forming any pattern in the flooring like border, cut tiles,etc. Providing and laying 600mm x 600mm or required size from Kajaria/ Restile/Johnson glazed tiles of plain series(Satin finish) in dado set in CM 1:3 with joints so as to form a true & even surface and joints finished neatly with white cement mixed with matching pigments all complete as directed. (Rate should include base plastering with CM 1:5 of required thickness.) 28.00 Sam The rate shall include cost of providing 6mmx6mm groove in the plastering at top of the tile all complete as directed.(Basic cost of tile - Rs.85/sft). Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area. No extra shall be payable for forming any pattern like border, etc. Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints Sqm 19.00 treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite of any colour and shade. Area of slab over 0.50 sqm STEEL WORK Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes. channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top MT 0.02 of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in incharge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).

SCHEDULE V SCHEDULE OF WORK - SHARIYA (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Shariya (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Structural steel work riveted, bolted or welded in built up sections, trusses and MT 0.10 framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. CARPENTRY WORK Providing and fixing factory made uPVC white colour casement/ casement cum fixed glazed windows comprising of uPVC multichampered frame, sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 \pm 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, stainless steel (SS 304 grade) friction hinges, zinc alloy (white powder coated) casement handles, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After 6.00 fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately) Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable. Casement window double panels with top fixed with S.S. friction hinges (350 x 19 x 1.9 mm) made of (small series) frame 47 x 50 mm, sash 47 x 68 mm & mullion 47 x 68 mm all having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area of window upto 2.50 sqm). 24 mm thick factory made PVC door shutters made of styles and rails of a uPVC hollow section of size 59x24 mm and wall thickness 2 mm (± 0.2 mm) with inbuilt edging on both sides. The styles and rails mitred and joint at the corners by means of M.S. galvanised/ plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 20x20 mm and 1 mm (± 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x24 mm and 2 mm (± 0.2 mm) wall thickness, fixed to the shutter styles by 4.00 Sqm means of plastic/galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (± 0.1 mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge. (For W.C. and bathroom door shutter). Providing and fixing cup board shutters 25 mm thick, with Pre-laminated flat pressed three layer particle board or graded wood particle board IS: 12823 marked, exterior grade (Grade 1 Type II), having one side decorative lamination Sam 5.00 and other side balancing lamination, including IInd class teak wood lipping of 25 mm wide x12 mm thick with necessary screws and bright finished stainless steel piano hinges, complete as per direction of the Engineer-in-Charge ROOFING Supplying and embedding P.V.C rain water pipes of approved quality embedded inside the RC columns/masonry in position with all necessary specials like shoes, bends or any other specials required to suit site conditions etc., jointed with wavin cement and lubricants with necessary MS R.M 12.00 clamps, brackets, bolts and nuts all complete as directed. 110mm dia-6kg/sq.cm"

SCHEDULE V SCHEDULE OF WORK - SHARIYA (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Shariya (Sirmour District), Himachal **Pradesh** Sl No Specification Unit Quantity Rate in Rs Amount in Rs PLASTERING Prepare surfaces and plaster with CM 1:3(1 cement, 3 sand) ,12mm minimum thick (sponge finish) to ceiling sides and soffit of beams and columns Sqm 44.00 and other interior and exterior RCC surfaces not contiguous to masonry. Prepare surfaces and plaster with CM 1:5(1 cement, 5 sand) ,12mm minimum thick to all interior faces of walls (sponge finish) including RCC surfaces 0 Sqm not contiguous to masonry. Necessary internal grooves of size 10mmx10mm shall be carried out as shown/directed by engineer-in-charge. **PAINTING** Prepare surfaces and paint two coats of plastic emulsion paint of approved colour over two coats of Gypsum punning of 6 mm minimum thick and primer all 0 Sqm complete as per manufacturers specifications to all ceilings in all floors. Finishing with oil bound washable Interior Emulsion of approved brand and 126.00 manufacture to give an even shade: New work (two or more coats) over and Sqm including water thinnable priming coat with cement primer Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 Sqm 21.00 ltr/10 sqm of approved brand and manufacture Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two 12.00 or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ Sqm 0.80 ltr/ 10 sqm of approved brand and manufacture Providing and applying plaster of paris putty of 2 mm thickness over plastered 28 Sqm 126.00 surface to prepare the surface even and smooth complete. Removing white or colour wash by scrapping and sand papering and preparing the 0 Sqm surface smooth including necessary repairs to scratches etc. complete Finishing with Deluxe Multi surface paint system for exteriors using Primer as per manufacturers specifications: Two or more coats applied on walls @ 1.25 ltr/10 178.00 DISMANTLING Dismantling plastered brickwalls in cement mortar including cleaning, stacking the useful materials as directed by engineer-in-charge and dumping the Cum 1.00 dismantled debris as indicated at site, levelling, consolidating, all complete as directed and disposing the debris away from site all complete as directed. Dismantling the existing RCC concrete including cutting the reinforcement, stacking the useful materials as directed by engineer-in-charge, dumping the Cum 1.00 dismantled debris as indicated at site, leveling, consolidating, all complete as directed and disposal of debris away from site all complete. Dismantling Tile Flooring and Walls and disposing the debris away from site all 33 Sqm 2.00 complete as directed

SCHEDULE V SCHEDULE OF WORK - SHARIYA (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Shariya (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs PLUMBING Providing and fixing gun metal gate valve with C.I. wheel of approved quality Sqm 2 Providing and fixing C.P. brass angle valve for basin mixer and geyserpoints of 2 approved quality conforming to IS:8931 a) 15 mm nominal bore: 15 mm nominal Each bore.Make:Hindware,Cera,Jaquar etc.. Providing and fixing PTMT Bottle Trap for Wash basin and sink. Bottle trap 38mm single piece moulded with height of 270mm, effective length of tail pipe Each 0 260mm from the centre of the waste coupling 77mm breadth with 25mm minimum water seal, weighing not less than 263gms. Providing and fixing trap of self cleansing design with screwed down orhinged grating with or without vent arm complete, including cost of cutting and making 2 good the walls and floors:100 mm inlet and 100 mm outlet Constructing brick masonry manhole in cement mortar 1:4 (1 cement: 4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand: 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating Each 0 coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design: With common burnt clay F.P.S designation 7.5 Providing and fixing square – mouth PVC. Gully trap grade "A" complete with CI grating brick masonry chamber with water tight tight CI cover with frame of Each 0 300 x 300mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design Providing and fixing white vitreous china pedestal type water closet(European type W.C. pan) with seat and lid, 10 litre low level white P.V.C.flushing cistern, including flush pipe, with manually controlled device(handle lever), conforming 2 to IS: 7231, with all fittings and fixturescomplete, including cutting and making good the walls and floors wherever required :W.C. pan with ISI marked white solid plastic seat and lid Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brasspillar taps. 32 mm C.P. brass waste of standard pattern, including painting of fittings and 2 brackets, cutting and making good the walls whereverrequire: White Vitreous China Wash basin size 630x450 mm with apair of 15 mm C.P. brass pillar taps Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work including cutting chases and making good the walls etc 20 mm nominal outer dia .Pipes Metre 0 32 mm nominal outer dia Pipes Metre 0 50 mm nominal outer dia Pipes Metre 0 Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as perIS: 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the wallswherever required ::(Lowest retail price of sink not less than Rs. 3150) Kitchen sink without drain board, Size -610x510 mm bowl depth 200 mm Each

SCHEDULE V SCHEDULE OF WORK - SHARIYA (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Shariya (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Providing and fixing PVC Waste pipe for sink or wash basin including PVC waste fittings complete.:Semi rigid pipe 32mm dia 3 Each Providing and fixing CP Waste coupling for wash basin and sink of approved quality, colour and make. Waste coupling 31mm of 79mm length and 62mm Each 3 breadth, weighing not less than 45 gms. Make: Hindware, Jaquar etc.., Extra for providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/stone work, including necessary holes for pillar taps etc. including moulding, rubbing Each 1 and polishing of cut edges etc. complete. Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden 2 cleats with C.P. brass screws and washers complete. Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved Each 2 quality and colour. 600mm long towel rail with total length of 645mm, width 78mm and effective height of 88mm, weighing not less than 190gms. Providing and fixing PTMT liquid soap container 109mm wide, 125mm high and 112mm distance from wall of standard shape with bracket of the same materials 2 Each with snap fittings of approved quality and colour. weighing not less than 105 gms Providing & fixing of CP Health faucet. Hand operated spray unit (instand type) 51 Set 2 Providing and fixing PVC pipes for water supply arrangements including cost pipes, fittings, solvent cement,testing of pipes, labour charges etc complete : Concealed work including cutting chases and making good the wall etc 20mm dia. PVC pipe Metre 10 a b 25mm dia. PVC pipe Metre 20 32mm dia. PVC pipe Metre 0 Providing and fixing CP grating of 6mm thick with rim including setting in floor with white cement mortar and making good the floor Each 2 125mm dia Providing and fixing PVC soil, waste and vent pipe to IS: 13592 of SWR quality including all fittings, like: Bends, Tees, Elbows, Collars, junction, inspection doors, cowls, offsets, access pipes, jointing with rubber ring / solvent cement by application of leak proof adhesive like FRP paste including cutting holes in walls and floors and making good. Make:Supreme,Finolex,Prince etc.. 50mm dia Metre 0 а b 110mm dia Metre 12 **CURTAIN WORK** 1.Two range of curtain cloth - Type 1 - II. 2. Both for doors, windows and partions. 3. Assorted colours plain & prints 4. Stitched as per site/ size requirement 5. Minor modifications in stitching as per site/ size requirement 6.Preferred colour (Brown, Cream, Beige) 7. Curtain price (including cloth & curtain rod) to be quoted in Squre metre 8. Stitching for each curtain to be absorb in the price of the cloth generally 2 meters. 9. Fast colours, water wash 10.Fabric density Non Transparent Composition

SCHEDULE V SCHEDULE OF WORK - SHARIYA (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Shariya (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs 11. Fabric of curtain shall be soft texture, great shading, drape effect and nice 12. The bracket shall be side mounted and front mounted as required 13. First rod mount is 3.5 inches from the wall. 14. Where curtain used as a partition/ long length, sufficient support from ceiling should be provided to avoid sagging. 15.Rate quoted for fully stitched Curtain with top nepha with punch holes after lining bucramreinforced with SS / PVC islets and lower nepha 200mm double turned. Type -I (Surgical Curtain) Curtain fabric weight shall be up to 275-300 (±5%) gsm Composition of fabric shall be polyester yarn I.E. 300 denier fast colour sink age shall be (±5%) Weft 10 Sqm and warp shall be polyester / cotton polyester mix Type - II (Window & Door Curtain) Curtain fabric weight shall be up to 250-275 (±5%) gsm Composition of fabric shall be polyester yarn I.E. 300 denier fast colour sink age shall be (±5%) Weft 0 and warp shall be polyester / cotton polyester mix FALSE CEILING & CLADDING Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building, for all heights and all levels etc. including: Structural analysis & design and preparation of shop drawings for pressure equalisation or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design. Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metalic colour of approved shades made out of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified 6.00 Sqm using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc. The fastening brackets of Aluminium alloy 6005 T5 / MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specification and drawing The item includes cost of all material & labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding, cleaning and protection of the curtain wall with aluminium composite panel cladding till the handing over of the building for occupation. Base frame work for ACP cladding is payable under the relevant aluminium item.s The Contractor shall provide curtain wall with aluminium composite panel cladding, having all the performance Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked M.S. Pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will 8.00 Sqm be paid for separately, all complete as per direction of Engineer-in-charge Second class teak wood: 35 mm thick shutters Providing and Fixing Wooden false Ceiling comprising of a Galvanized MS frame as required covered with 12 mm thick Marine ply, followed by 6 mm premium quality MDF for making groove and finished with a natural veneer (as approved) of 3.5 mm thickness duly Spirit polished with melamine matt coating. Sqm 0 The ceiling shall be fixed to the roof soffit with adequate suspenders. The item shall be inclusive of cutting & making cutouts for lights, diffusers etc all complete. (veneer with basic cost Upto Rs:100 per sft FOR site) **Total Civil Works**

SCHEDULE OF WORK - SHARIYA (SIRMOUR DISTRICT)

Sub: Civil and Electrical works for setting up of Health Wellness Center at Shariya (Sirmour District), Himachal Pradesh

Sub:	Pradesh				
Sl No	Specification	Unit	Quantity	Rate in Rs	Amount in Rs
	ELECTRICAL WORKS				
	TOTAL C.O. TO SUMMARY				
1	Point wiring in PVC conduit with modular type switch.				
	Wiring for light point/fan point/exhaust fan point /call bell point with 1.5 sq mm				
	FR PVC insulated copper conductor single core cable in surface/recessed medium				
	class PVC conduit, with modular switch, modular plate, suitable PVC box and				
	earthing the point with 1.5 sq.mm FR PVC insulated copper conductor single core				
	cable etc as required.				
	Group C	Point	5		
2	Wiring through PVC conduit				
	Wiring for circuit/submain wiring along with earth wire with the following sizes				
	of FR PVC insulated copper conductor, single core cable in surface/recessed				
	medium class PVC conduit as required.(Make:Havells/Finolex/V-guard/Polycab)				
a	2X1.5 sq.mm + 1X1.5 sq.mm earth wire	Metre	18		
b	2X2.5 sq.mm + 1 X2.5 sq mm earth wire	Metre	12		
c	2X4 sq.mm + 1X4 sq.mm earth wire	Metre	0		
	-				
3	Telephone wiring in existing conduit:				
	Supplying and drawing following pair 0.5 sq mm FR PVC insulated annealed				
	copper conductor, unarmored telephone cable in the existing surface/ recessed				
	steel/ PVC conduit as required.				
a	2 Pair	Metre	0		
4	A/C point				
	S/F 20A SPN MCB industrial socket outlet:				
	Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with				
	2 pole and earth, metal enclosed plug top alongwith 20 amps "C" curve, SP,	Point	1		
	MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover		1		
	for the socket out let and complete with connections, testing and commissioning				
	etc. as required.(Make: Legrand/Havells/HPL)				
5	Modular type blanking plate:				
	Supplying and fixing modular blanking plate on the existing modular plate &	Each	3		
	switch box excluding modular plate as required.(Make: Legrand/Havells/HPL)	20011			
6	Modular boxes, bases & cover plate:				
	Supplying and fixing following size/modules, GI box along with modular base &				
	cover plate for modular switches in recess etc as required.(Make:				
	Legrand/Havells/HPL)				
a	2 module	Each	1		
b	3 module	Each	4		
c	4 module	Each	1		
	6 module	Each	2		
e	8 module	Each	0		
f	12 module	Each	0		
7	Modular type switch/socket:				
	Supplying and fixing following modular switch/socket on the existing modular				
	plate & switch box including connections but excluding modular plate etc as				
	required. (Make: Legrand/Havells/HPL)				
_	5/6 Amma avritak	T71	6		
a	5/6 Amps switch	Each	6		
b	3 pin 5/6 Amp socket outlet	Each	6		
С	15/16 Amps switch	Each	2		
d	6pin 15/16 Amps (universal) socket outlet	Each	2		
e	Telephone socket outlet	Each	0		
0	C/E DVC conduits				
8	S/F PVC conduit: Supplying and fixing of following sizes of medium class PVC conduit along with				
	accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required (ISI Make)				
_	in case of recessed conduit as required.(ISI Make) 20 mm	Matea	20		
a b		Metre	20 15		
υ	25 mm	Metre	13		

SCHEDULE V SCHEDULE OF WORK - SHARIYA (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Shariya (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs ITC Fluorescent fitting directly on surface: Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting/LED of all types, complete with all accessories and tube etc. Each 4 directly on ceiling/ wall, including connection with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable and earthing etc. as required. ITC Ceiling fan: Installation, testing and commissioning of ceiling fan, including wiring the down Each 0 rods of standard length (upto 30 cm) with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable etc. as required. Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular 0 plate etc. as required. LAYING OF CABLES CABLE LAYING Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1kV grade of following size clamped on wall surface with 1mm thick saddles as required complete. FROM Mains TO DB a Metre 15 4 X 10 sq.mm END TERMINATION Supply and making end termination with brass compression gland, earth clip and aluminium lugs for following size of PVC insulated and PVC sheathed/XLPE aluminium conductor cable fo 1.1KV grade as required. 4 X 10 sq.mm Each 2 CABLE SUPPLY Supplying the following PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade as per CPWD standards as required. (Make:Havells/ Glostar/Nicco/Finolex/Polycab) Metre 15 4 x 10 sq.mm Supply of 15W LED tube fitting sleek with decorative end cap, powder coated CRCA steel channel complete with all electrical accessories like electronic ballast, 4 Each lamp holder, 28W LED lamp etc complete as required. (Philips / Wipro /HAVELLS) Supply and installation of 18 W CFL with its all accessories.[ISI MAKE] 16 Each 1 Supply and installation of 1200 mm sweep Ceiling fan, white colour, 5 star rated as per BEE complete with blades, down rod, shackle, canopy etc(Make 0 Havells/bajaj/usha/V-guard/crompton) Supply and installation EXHAUST FAN, SHUTTER TYPE white colour, 9" OR 10" star rated as per BEE complete with its all accessories(Make 0 Havells/bajaj/usha/V-guard) S/F of SPN MCB PDB Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) 4 way double door, horizontal type Each 1 a 6 way Double door, horizontal type Each 0 19.2 **S/F OF SP MCB** 6/10A SP MCB Each 2 19.3 **S/F DP ISOLATOR** Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, ISOLATOR having a sensitivity current upto 100 to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc, as required.(Make: Legrand/Havells/HPL) 32 AMPS Each

	SCHEDULE OF WORK - SHARIYA (SIR				
Sub:	Civil and Electrical works for setting up of Health Wellness Center Pradesh	r at Sha	riya (Sirm	our District)	, Himachal
Sl No	Specification	Unit	Quantity	Rate in Rs	Amount in Rs
20	EARTHING				
	Pipe earthing with G.I. earth pipe 2.5 metre, long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt) as required complete.	Set	1		
21	Preparation of all drawings submitting and getting approval from EB for extra load & 3phase connection with Meter, submitting of Completion certificates and arranging inspection, getting sanction and energisation certificates etc. for commissioning of the whole installation in the premises. All statutory payments(inclusive) will be reimbursed on production of the original reciepts.	Ls	0		
23	Miscellaneous Items				
23.1	Miscellaneous electrical work, removing of existing conduits and interconnections of light,6A socket/16A socket/A/C point from existing DB	LS	0		
	Total Electrical Works				
	Grand Total	•	•	Rs.	
	GST @ 18%			Rs.	
	Grand Total (In Rs. Incl. of taxes)			Rs.	

SCHEDULE OF WORK - TRIMALGA (SIRMOUR DISTRICT)

Sub: Civil and Electrical works for setting up of Health Wellness Center at Trimalga (Sirmour District), Himachal Pradesh

Sub:	Pradesh				
Sl No	Specification	Unit	Quantity	Rate in Rs	Amount in Rs
	CIVIL WORKS				
	EARTH WORK				
1	"Excavate foundation in all kinds of soil including soft rock except hard rock requiring blasting part return and fill in foundation and basement in layers not exceeding 15cm in depth including watering, breaking clods and consolidating, disposing and spreading surplus earth within the site upto 1.5m depth.(No extra shall be payable for working space) Tenderer to ensure proper dewatering and shoring methods to ensure all time dry condition. Any damages of sides of foundation or collapsing of soil from sides due to excessive water seepage or surface runoff or any other cause have to be replaced with quarry dust or Malaimann at no extra cost."	Cum	34		
2	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared.	Sqm	40		
3	Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material. Beyond 60 cm girth upto and including 120 cm girth		0		
4	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.		6		
	CEMENT CONCRETE				
	CENTER OF TOTAL PROPERTY OF THE PROPERTY OF TH				
5	Cement concrete 1:4:8 (1 cement ,4 sand , 8 hard blue granite stone metal 40mm and down gauge in layers not exceeding 15 cms in depth well consolidated in foundation and levelling course under floors including necessary shuttering, in steps etc all complete as directed.	Cum	6.00		
	R.C.C.WORK				
6	"RCC M20 (Design Mix) using hard blue granite metal 20mm and down gauge including centering, shuttering, curing etc., compelete but excluding cost of reinforcement Note: Polythene sheet shall be provided under the slabs."				
a	In Foundation, Footing and bed blocks at all levels.	Cum	2		
b	In Suspended roof slab of required thicknes	Cum	0		
c	In Ground Floor	Cum	7.00		
·	III Ground 1 1001	Cum	7.00		
7	Providing, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete in lintels, beams and bressumers, including setting in cement mortar 1:3 (1 cement : 3 coarse sand), cost of required centering and shuttering but , excluding the cost of reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size)	Cum	9.00		
8	"High Yield Strength Deformed bars in all RCC items & floorings General Note: Sizes of RCC elements shown in the drawing are only indicative and subject to change .No extra shall be payable on this account. Any change in size of concrete elements resulting in change of area of shuttering due to change in quantity of concrete shall also not be payable""	М.Т	2.00		
	MASONRY WORK				
9	Brickwork of locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in cement mortar 1:5 (1 cement,5 sand) in foundation and plinth. No extra payment will be paid for any shape or size,turnings, fins, etc unless otherwise specified seperately.	Cum	0		

SCHEDULE V SCHEDULE OF WORK - TRIMALGA (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Trimalga (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded Cum 2 stone aggregate 20 mm nominal size) upto plinth level with : Cement mortar 1:6 (1 cement : 6 coarse sand) 66mm overall thickness partition using 8mm thick double skin multipurpose cement board reinforced with cellulose fibre manufactured through autoclaving 98.00 Sqm process (High pressure steam cured) as per IS: 14862 with suitable fibre cement screws Half brickwork with locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in CM 1:3 (1 cement 3 sand) and reinforced with two numbers of 6mm dia. M.S rods at every fourth course embedded in cement mortar 1:4 for partitions. 4.00 In Ground Floor Sqm FLOORING Providing & laying first class full body vitrified ceramic tile of make Kajaria/ Restile/Johnson or equivqlent of size 600mmx600mmx 9.5mm or approved size of approved colour (matt finish) in flooring using spacer of required size (2mm-4mm) from endura or equivalent over a bed of cement mortar 1:4 of required thickness to match finished floor level mentioned and to match the neighbouring Sqm 42.00 floor finish and jointed with epoxy grout of approved shade from Bal Endura or equivalent brand all complete as directed.(Basic cost of tile - Rs.85/sft).Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area. No extra shall be payable for forming any pattern in the flooring like border, cut tiles.etc. Providing and laying 600mm x 600mm or required size from Kajaria/ Restile/Johnson glazed tiles of plain series(Satin finish) in dado set in CM 1:3 with joints so as to form a true & even surface and joints finished neatly with white cement mixed with matching pigments all complete as directed. (Rate should include base plastering with CM 1:5 of required thickness.) 28.00 Sam The rate shall include cost of providing 6mmx6mm groove in the plastering at top of the tile all complete as directed.(Basic cost of tile - Rs.85/sft). Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area. No extra shall be payable for forming any pattern like border, etc. Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints Sqm 19.00 treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite of any colour and shade. Area of slab over 0.50 sqm STEEL WORK Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes. channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top MT 0.02 of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in incharge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).

SCHEDULE V SCHEDULE OF WORK - TRIMALGA (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Trimalga (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Structural steel work riveted, bolted or welded in built up sections, trusses and MT 0.10 framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. CARPENTRY WORK Providing and fixing factory made uPVC white colour casement/ casement cum fixed glazed windows comprising of uPVC multichampered frame, sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 \pm 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, stainless steel (SS 304 grade) friction hinges, zinc alloy (white powder coated) casement handles, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After 6.00 fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately) Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable. Casement window double panels with top fixed with S.S. friction hinges (350 x 19 x 1.9 mm) made of (small series) frame 47 x 50 mm, sash 47 x 68 mm & mullion 47 x 68 mm all having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area of window upto 2.50 sqm). 24 mm thick factory made PVC door shutters made of styles and rails of a uPVC hollow section of size 59x24 mm and wall thickness 2 mm (± 0.2 mm) with inbuilt edging on both sides. The styles and rails mitred and joint at the corners by means of M.S. galvanised/ plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 20x20 mm and 1 mm (± 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x24 mm and 2 mm (± 0.2 mm) wall thickness, fixed to the shutter styles by 2.00 Sqm means of plastic/galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (± 0.1 mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge. (For W.C. and bathroom door shutter). Providing and fixing cup board shutters 25 mm thick, with Pre-laminated flat pressed three layer particle board or graded wood particle board IS: 12823 marked, exterior grade (Grade 1 Type II), having one side decorative lamination Sam 5.00 and other side balancing lamination, including IInd class teak wood lipping of 25 mm wide x12 mm thick with necessary screws and bright finished stainless steel piano hinges, complete as per direction of the Engineer-in-Charge ROOFING Supplying and embedding P.V.C rain water pipes of approved quality embedded inside the RC columns/masonry in position with all necessary specials like shoes, bends or any other specials required to suit site conditions etc., jointed with wavin cement and lubricants with necessary MS R.M 12.00 clamps, brackets, bolts and nuts all complete as directed. 110mm dia-6kg/sq.cm"

SCHEDULE OF WORK - TRIMALGA (SIRMOUR DISTRICT)

Sub: Civil and Electrical works for setting up of Health Wellness Center at Trimalga (Sirmour District), Himachal Pradesh

	Pradesh				
Sl No	Specification	Unit	Quantity	Rate in Rs	Amount in Rs
22	PLASTERING Prepare surfaces and plaster with CM 1:3(1 cement, 3 sand) ,12mm minimum thick (sponge finish) to ceiling sides and soffit of beams and columns and other interior and exterior RCC surfaces not contiguous to masonry.	Sqm	44.00		
23	Prepare surfaces and plaster with CM 1:5(1 cement, 5 sand) ,12mm minimum thick to all interior faces of walls (sponge finish) including RCC surfaces not contiguous to masonry.Necessary internal grooves of size 10mmx10mm shall be carried out as shown/directed by engineer-in-charge.	Sqm	0		
	D. I TAYATTAY C				
24	PAINTING Prepare surfaces and paint two coats of plastic emulsion paint of approved colour over two coats of Gypsum punning of 6 mm minimum thick and primer all complete as per manufacturers specifications to all ceilings in all floors.		0		
25	Finishing with oil bound washable Interior Emulsion of approved brand and manufacture to give an even shade: New work (two or more coats) over and including water thinnable priming coat with cement primer		126.00		
26	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufacture		21.00		
27	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture	Sqm	12.00		
28	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	Sqm	126.00		
29	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	Sqm	0		
30	Finishing with Deluxe Multi surface paint system for exteriors using Primer as per manufacturers specifications: Two or more coats applied on walls @ 1.25 ltr/10 sqm	Sqm	178.00		
	DISMANTLING				
31	Dismantling plastered brickwalls in cement mortar including cleaning, stacking the useful materials as directed by engineer-in-charge and dumping the dismantled debris as indicated at site, levelling, consolidating, all complete as directed and disposing the debris away from site all complete as directed.		1.00		
32	Dismantling the existing RCC concrete including cutting the reinforcement, stacking the useful materials as directed by engineer-in-charge, dumping the dismantled debris as indicated at site, leveling, consolidating, all complete as directed and disposal of debris away from site all complete.	Cum	1.00		
33	Dismantling Tile Flooring and Walls and disposing the debris away from site all complete as directed.	Sqm	2.00		
	PATHWAY				
34	Providing and laying cement concrete paver blocks of thick 80mm made out of M25 design mix of shape and profile as approved by architect .The rate should include cost of necessary excavation, COARSE SAND upto a depth of 50mm pointing in CM 1:3 all complete as directed.(For purpose of payment total laid area in length multiplied by width in plan will be paid.) Tenderer to submit necessary pamphlets along with tender.	Sqm	0		

SCHEDULE OF WORK - TRIMALGA (SIRMOUR DISTRICT)

Sub: Civil and Electrical works for setting up of Health Wellness Center at Trimalga (Sirmour District), Himachal Pradesh

Sub:	Pradesh		g (-, ,
Sl No	Specification	Unit	Quantity	Rate in Rs	Amount in Rs
	PLUMBING				
35	Providing and fixing gun metal gate valve with C.I. wheel of approved quality - 25MM	Sqm	2		
36	Providing and fixing C.P. brass angle valve for basin mixer and geyserpoints of approved quality conforming to IS:8931 a) 15 mm nominal bore: 15 mm nominal bore.Make:Hindware,Cera,Jaquar etc	Each	2		
37	Providing and fixing PTMT Bottle Trap for Wash basin and sink.Bottle trap 38mm single piece moulded with height of 270mm, effective length of tail pipe 260mm from the centre of the waste coupling 77mm breadth with 25mm minimum water seal, weighing not less than 263gms.	Fach	0		
38	Providing and fixing trap of self cleansing design with screwed down orhinged grating with or without vent arm complete, including cost of cuttingand making good the walls and floors:100 mm inlet and 100 mm outlet		2		
39	Constructing brick masonry manhole in cement mortar 1:4 (1 cement: 4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement: 4 coarse sand: 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement: 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design: With common burnt clay F.P.S designation 7.5	Each	0		
40	Providing and fixing square – mouth PVC. Gully trap grade "A" complete with CI grating brick masonry chamber with water tight tight CI cover with frame of 300 x 300mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design	Each	0		
41	Providing and fixing white vitreous china pedestal type water closet(European type W.C. pan) with seat and lid, 10 litre low level white P.V.C.flushing cistern, including flush pipe, with manually controlled device(handle lever), conforming to IS: 7231, with all fittings and fixturescomplete, including cutting and making good the walls and floors wherever required: W.C. pan with ISI marked white solid plastic seat and lid	Each	2		
42	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brasspillar taps, 32 mm C.P. brass waste of standard pattern, including paintingof fittings and brackets, cutting and making good the walls whereverrequire:White Vitreous China Wash basin size 630x450 mm with apair of 15 mm C.P. brass pillar taps	Each	2		
43	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge.Concealed work including cutting chases and making good the walls etc				
	20 mm nominal outer dia .Pipes	Metre	0		
	32 mm nominal outer dia Pipes	Metre	0		
	50 mm nominal outer dia Pipes	Metre	0		
44	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as perIS: 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the wallswherever required ::(Lowest retail price of sink not less than Rs. 3150)				
	Kitchen cink without drain hoard Size, 610v510 mm howl donth 200 mm	Fach	1		
	Kitchen sink without drain board, Size -610x510 mm bowl depth 200 mm	Each	1		
				I	<u> </u>

SCHEDULE V SCHEDULE OF WORK - TRIMALGA (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Trimalga (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Providing and fixing PVC Waste pipe for sink or wash basin including PVC waste fittings complete.:Semi rigid pipe 32mm dia 3 Each Providing and fixing CP Waste coupling for wash basin and sink of approved quality, colour and make. Waste coupling 31mm of 79mm length and 62mm Each 3 breadth, weighing not less than 45 gms. Make: Hindware, Jaquar etc.., Extra for providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/stone work, including necessary holes for pillar taps etc. including moulding, rubbing Each 1 and polishing of cut edges etc. complete. Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden 2 cleats with C.P. brass screws and washers complete. Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved Each 2 quality and colour. 600mm long towel rail with total length of 645mm, width 78mm and effective height of 88mm, weighing not less than 190gms. Providing and fixing PTMT liquid soap container 109mm wide, 125mm high and 112mm distance from wall of standard shape with bracket of the same materials 2 Each with snap fittings of approved quality and colour. weighing not less than 105 gms Providing & fixing of CP Health faucet. Hand operated spray unit (instand type) 51 Set 2 Providing and fixing PVC pipes for water supply arrangements including cost pipes, fittings, solvent cement,testing of pipes, labour charges etc complete : Concealed work including cutting chases and making good the wall etc 20mm dia. PVC pipe Metre 10 a b 25mm dia. PVC pipe Metre 20 32mm dia. PVC pipe Metre 0 Providing and fixing CP grating of 6mm thick with rim including setting in floor with white cement mortar and making good the floor Each 2 125mm dia Providing and fixing PVC soil, waste and vent pipe to IS: 13592 of SWR quality including all fittings, like: Bends, Tees, Elbows, Collars, junction, inspection doors, cowls, offsets, access pipes, jointing with rubber ring / solvent cement by application of leak proof adhesive like FRP paste including cutting holes in walls and floors and making good. Make:Supreme,Finolex,Prince etc.. 50mm dia Metre 0 а b 110mm dia Metre 12 **CURTAIN WORK** 1.Two range of curtain cloth - Type 1 - II. 2. Both for doors, windows and partions. 3. Assorted colours plain & prints 4. Stitched as per site/ size requirement 5. Minor modifications in stitching as per site/ size requirement 6.Preferred colour (Brown, Cream, Beige) 7. Curtain price (including cloth & curtain rod) to be quoted in Squre metre

8. Stitching for each curtain to be absorb in the price of the cloth generally 2

meters.

9. Fast colours, water wash

10.Fabric density Non Transparent Composition

SCHEDULE V SCHEDULE OF WORK - TRIMALGA (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Trimalga (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs | Amount in Rs 11. Fabric of curtain shall be soft texture, great shading, drape effect and nice 12. The bracket shall be side mounted and front mounted as required 13. First rod mount is 3.5 inches from the wall. 14. Where curtain used as a partition/ long length, sufficient support from ceiling should be provided to avoid sagging. 15.Rate quoted for fully stitched Curtain with top nepha with punch holes after lining bucramreinforced with SS / PVC islets and lower nepha 200mm double turned. Type -I (Surgical Curtain) Curtain fabric weight shall be up to 275-300 (±5%) gsm Composition of fabric shall be polyester yarn I.E. 300 denier fast colour sink age shall be (±5%) Weft 10 Sqm and warp shall be polyester / cotton polyester mix Type - II (Window & Door Curtain) Curtain fabric weight shall be up to 250-275 (±5%) gsm Composition of fabric shall be polyester yarn I.E. 300 denier fast colour sink age shall be (±5%) Weft 0 and warp shall be polyester / cotton polyester mix FALSE CEILING & CLADDING Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building, for all heights and all levels etc. including: Structural analysis & design and preparation of shop drawings for pressure equalisation or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design. Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metalic colour of approved shades made out of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified 6.00 Sqm using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc. The fastening brackets of Aluminium alloy 6005 T5 / MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specification and drawing The item includes cost of all material & labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding, cleaning and protection of the curtain wall with aluminium composite panel cladding till the handing over of the building for occupation. Base frame work for ACP cladding is payable under the relevant aluminium item.s The Contractor shall provide curtain wall with aluminium composite panel cladding, having all the performance Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked M.S. Pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will 8.00 Sqm be paid for separately, all complete as per direction of Engineer-in-charge Second class teak wood: 35 mm thick shutters Providing and Fixing Wooden false Ceiling comprising of a Galvanized MS frame as required covered with 12 mm thick Marine ply, followed by 6 mm premium quality MDF for making groove and finished with a natural veneer (as approved) of 3.5 mm thickness duly Spirit polished with melamine matt coating. Sqm 0 The ceiling shall be fixed to the roof soffit with adequate suspenders. The item shall be inclusive of cutting & making cutouts for lights, diffusers etc all complete. (veneer with basic cost Upto Rs:100 per sft FOR site)

Total Civil Works

SCHEDULE OF WORK - TRIMALGA (SIRMOUR DISTRICT)

Sub: Civil and Electrical works for setting up of Health Wellness Center at Trimalga (Sirmour District), Himachal Pradesh

Sub:	Pradesh				
Sl No	Specification	Unit	Quantity	Rate in Rs	Amount in Rs
	ELECTRICAL WORKS				
	TOTAL C.O. TO SUMMARY				
1	Point wiring in PVC conduit with modular type switch.				
	Wiring for light point/fan point/exhaust fan point /call bell point with 1.5 sq mm				
	FR PVC insulated copper conductor single core cable in surface/recessed medium				
	class PVC conduit, with modular switch, modular plate, suitable PVC box and				
	earthing the point with 1.5 sq.mm FR PVC insulated copper conductor single core				
	cable etc as required.				
	Group C	Point	5		
2	Wiring through PVC conduit				
	Wiring for circuit/submain wiring along with earth wire with the following sizes				
	of FR PVC insulated copper conductor, single core cable in surface/recessed				
	medium class PVC conduit as required.(Make:Havells/Finolex/V-guard/Polycab)				
a	2X1.5 sq.mm + 1X1.5 sq.mm earth wire	Metre	18		
b	2X2.5 sq.mm + 1 X2.5 sq mm earth wire	Metre	12		
c	2X4 sq.mm + 1X4 sq.mm earth wire	Metre	0		
3	Telephone wiring in existing conduit:				
	Supplying and drawing following pair 0.5 sq mm FR PVC insulated annealed				
	copper conductor, unarmored telephone cable in the existing surface/ recessed				
	steel/ PVC conduit as required.				
a	2 Pair	Metre	0		
4	A/C point				
	S/F 20A SPN MCB industrial socket outlet:				
	Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with				
	2 pole and earth, metal enclosed plug top alongwith 20 amps "C" curve, SP,	Point	1		
	MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover	1 OIIIt	1		
	for the socket out let and complete with connections, testing and commissioning				
	etc. as required.(Make: Legrand/Havells/HPL)				
5	Modular type blanking plate:				
	Supplying and fixing modular blanking plate on the existing modular plate &	Each	3		
	switch box excluding modular plate as required.(Make: Legrand/Havells/HPL)	Lucii			
6	Modular boxes, bases & cover plate:				
	Supplying and fixing following size/modules, GI box along with modular base &				
	cover plate for modular switches in recess etc as required.(Make:				
	Legrand/Havells/HPL)				
a	2 module	Each	1		
b	3 module	Each	4		
С	4 module	Each	1		
	6 module	Each	2		
e	8 module	Each	0		
f	12 module	Each	0		
7	Modular type switch/socket:			ļ	
	Supplying and fixing following modular switch/socket on the existing modular				
	plate & switch box including connections but excluding modular plate etc as				
	required. (Make: Legrand/Havells/HPL)				
	5/C A ', 1	г :			
a	5/6 Amps switch	Each	6	.	
b	3 pin 5/6 Amp socket outlet	Each	6	.	
C	15/16 Amps switch	Each	2		
d	6pin 15/16 Amps (universal) socket outlet	Each	2		
e	Telephone socket outlet	Each	0		
0	CIE DVC 1. 4.				
8	S/F PVC conduit:			ļ	
	Supplying and fixing of following sizes of medium class PVC conduit along with				
	accessories in surface/recess including cutting the wall and making good the same				
	in case of recessed conduit as required.(ISI Make)	Matur	20		
a	20 mm	Metre	20	ļ	
b	25 mm	Metre	15	l .	

SCHEDULE V SCHEDULE OF WORK - TRIMALGA (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Trimalga (Sirmour District), Himachal Pradesh Quantity Sl No Specification Unit Rate in Rs Amount in Rs ITC Fluorescent fitting directly on surface: Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting/LED of all types, complete with all accessories and tube etc. Each 4 directly on ceiling/ wall, including connection with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable and earthing etc. as required. ITC Ceiling fan: Installation, testing and commissioning of ceiling fan, including wiring the down Each 0 rods of standard length (upto 30 cm) with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable etc. as required. Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular 0 plate etc. as required. LAYING OF CABLES CABLE LAYING Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1kV grade of following size clamped on wall surface with 1mm thick saddles as required complete. FROM Mains TO DB a Metre 15 4 X 10 sq.mm END TERMINATION Supply and making end termination with brass compression gland, earth clip and aluminium lugs for following size of PVC insulated and PVC sheathed/XLPE aluminium conductor cable fo 1.1KV grade as required. 4 X 10 sq.mm Each 2 CABLE SUPPLY Supplying the following PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade as per CPWD standards as required. (Make:Havells/ Glostar/Nicco/Finolex/Polycab) Metre 15 4 x 10 sq.mm Supply of 15W LED tube fitting sleek with decorative end cap, powder coated CRCA steel channel complete with all electrical accessories like electronic ballast, 4 Each lamp holder, 28W LED lamp etc complete as required. (Philips / Wipro /HAVELLS) Supply and installation of 18 W CFL with its all accessories.[ISI MAKE] 16 Each 1 Supply and installation of 1200 mm sweep Ceiling fan, white colour, 5 star rated as per BEE complete with blades, down rod, shackle, canopy etc(Make 0 Havells/bajaj/usha/V-guard/crompton) Supply and installation EXHAUST FAN, SHUTTER TYPE white colour, 9" OR 10" star rated as per BEE complete with its all accessories(Make 0 Havells/bajaj/usha/V-guard) S/F of SPN MCB PDB Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) 4 way double door, horizontal type Each 1 a 6 way Double door, horizontal type Each 0 19.2 **S/F OF SP MCB** 6/10A SP MCB Each 2 19.3 **S/F DP ISOLATOR** Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, ISOLATOR having a sensitivity current upto 100 to 300 milliamperes

Each

in the existing MCB DB complete with connections, testing and commissioning

etc, as required.(Make: Legrand/Havells/HPL)

32 AMPS

	SCHEDULE OF WORK - TRIMALGA (SIRMOUR DISTRICT)							
Sub:	Civil and Electrical works for setting up of Health Wellness Center Pradesh		t) , Himachal					
Sl No	Specification	Unit	Quantity	Rate in Rs	Amount in Rs			
20	EARTHING							
	Pipe earthing with G.I. earth pipe 2.5 metre, long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt) as required complete.	Set	1					
21	Preparation of all drawings submitting and getting approval from EB for extra load & 3phase connection with Meter, submitting of Completion certificates and arranging inspection, getting sanction and energisation certificates etc. for commissioning of the whole installation in the premises. All statutory payments(inclusive) will be reimbursed on production of the original reciepts.	Ls	0					
23	Miscellaneous Items							
23.1	Miscellaneous leetrical work, removing of existing conduits and interconnections of light,6A socket/16A socket/A/C point from existing DB	LS	0					
	Total Electrical Works							
	Grand Total		•	Rs.				
	GST @ 18%			Rs.				
	Grand Total (In Rs. Incl. of taxes)			Rs.				

SCHEDULE OF WORK - VASHINI (SIRMOUR DISTRICT)

Sub: Civil and Electrical works for setting up of Health Wellness Center at Vashini (Sirmour District), Himachal Pradesh

Sub:	Pradesh		(21111)) wil 2 1501100)	,
Sl No	Specification	Unit	Quantity	Rate in Rs	Amount in Rs
	CIVIL WORKS				
	EARTH WORK				
1	"Excavate foundation in all kinds of soil including soft rock except hard rock requiring blasting part return and fill in foundation and basement in layers not exceeding 15cm in depth including watering, breaking clods and consolidating, disposing and spreading surplus earth within the site upto 1.5m depth.(No extra shall be payable for working space) Tenderer to ensure proper dewatering and shoring methods to ensure all time dry condition. Any damages of sides of foundation or collapsing of soil from sides due to excessive water seepage or surface runoff or any other cause have to be replaced with quarry dust or Malaimann at no extra cost."	Cum	34		
2	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared.	Sqm	40		
3	Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material. Beyond 60 cm girth upto and including 120 cm girth	Each	0		
4	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.		6		
	CEMENT CONCRETE				
5	Cement concrete 1:4:8 (1 cement ,4 sand , 8 hard blue granite stone metal 40mm and down gauge in layers not exceeding 15 cms in depth well consolidated in foundation and levelling course under floors including necessary shuttering, in steps etc all complete as directed. R.C.C.WORK	Cum	6.00		
6	"RCC M20 (Design Mix) using hard blue granite metal 20mm and down gauge including centering, shuttering, curing etc., compelete but excluding cost of reinforcement Note: Polythene sheet shall be provided under the slabs."				
a	In Foundation, Footing and bed blocks at all levels.	Cum	2		
b	In Suspended roof slab of required thicknes	Cum	0		
с	In Ground Floor	Cum	7.00		
7	Providing, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete in lintels, beams and bressumers, including setting in cement mortar 1:3 (1 cement : 3 coarse sand), cost of required centering and shuttering but, excluding the cost of reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size)	Cum	9.00		
8	"High Yield Strength Deformed bars in all RCC items & floorings General Note: Sizes of RCC elements shown in the drawing are only indicative and subject to change .No extra shall be payable on this account. Any change in size of concrete elements resulting in change of area of shuttering due to change in quantity of concrete shall also not be payable""	M.T	2.00		
	MASONRY WORK				
9	Brickwork of locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in cement mortar 1:5 (1 cement,5 sand) in foundation and plinth. No extra payment will be paid for any shape or size,turnings, fins, etc unless otherwise specified seperately.		0		

SCHEDULE V SCHEDULE OF WORK - VASHINI (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Vashini (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded Cum 2 stone aggregate 20 mm nominal size) upto plinth level with : Cement mortar 1:6 (1 cement : 6 coarse sand) 66mm overall thickness partition using 8mm thick double skin multipurpose cement board reinforced with cellulose fibre manufactured through autoclaving 98.00 Sqm process (High pressure steam cured) as per IS: 14862 with suitable fibre cement screws Half brickwork with locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in CM 1:3 (1 cement 3 sand) and reinforced with two numbers of 6mm dia. M.S rods at every fourth course embedded in cement mortar 1:4 for partitions. 4.00 In Ground Floor Sqm FLOORING Providing & laying first class full body vitrified ceramic tile of make Kajaria/ Restile/Johnson or equivqlent of size 600mmx600mmx 9.5mm or approved size of approved colour (matt finish) in flooring using spacer of required size (2mm-4mm) from endura or equivalent over a bed of cement mortar 1:4 of required thickness to match finished floor level mentioned and to match the neighbouring Sqm 42.00 floor finish and jointed with epoxy grout of approved shade from Bal Endura or equivalent brand all complete as directed.(Basic cost of tile - Rs.85/sft).Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area. No extra shall be payable for forming any pattern in the flooring like border, cut tiles.etc. Providing and laying 600mm x 600mm or required size from Kajaria/ Restile/Johnson glazed tiles of plain series(Satin finish) in dado set in CM 1:3 with joints so as to form a true & even surface and joints finished neatly with white cement mixed with matching pigments all complete as directed. (Rate should include base plastering with CM 1:5 of required thickness.) 28.00 Sqm The rate shall include cost of providing 6mmx6mm groove in the plastering at top of the tile all complete as directed.(Basic cost of tile - Rs.85/sft). Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area. No extra shall be payable for forming any pattern like border, etc. Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints Sqm 19.00 treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite of any colour and shade. Area of slab over 0.50 sqm STEEL WORK Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes. channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top MT 0.02 of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in incharge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).

SCHEDULE V SCHEDULE OF WORK - VASHINI (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Vashini (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Structural steel work riveted, bolted or welded in built up sections, trusses and MT 0.10 framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. CARPENTRY WORK Providing and fixing factory made uPVC white colour casement/ casement cum fixed glazed windows comprising of uPVC multichampered frame, sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 \pm 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, stainless steel (SS 304 grade) friction hinges, zinc alloy (white powder coated) casement handles, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After 6.00 fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately) Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable. Casement window double panels with top fixed with S.S. friction hinges (350 x 19 x 1.9 mm) made of (small series) frame 47 x 50 mm, sash 47 x 68 mm & mullion 47 x 68 mm all having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area of window upto 2.50 sqm). 24 mm thick factory made PVC door shutters made of styles and rails of a uPVC hollow section of size 59x24 mm and wall thickness 2 mm (± 0.2 mm) with inbuilt edging on both sides. The styles and rails mitred and joint at the corners by means of M.S. galvanised/ plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 20x20 mm and 1 mm (± 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x24 mm and 2 mm (± 0.2 mm) wall thickness, fixed to the shutter styles by 4.00 Sqm means of plastic/galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (± 0.1 mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge. (For W.C. and bathroom door shutter). Providing and fixing cup board shutters 25 mm thick, with Pre-laminated flat pressed three layer particle board or graded wood particle board IS: 12823 marked, exterior grade (Grade 1 Type II), having one side decorative lamination Sam 5.00 and other side balancing lamination, including IInd class teak wood lipping of 25 mm wide x12 mm thick with necessary screws and bright finished stainless steel piano hinges, complete as per direction of the Engineer-in-Charge ROOFING Supplying and embedding P.V.C rain water pipes of approved quality embedded inside the RC columns/masonry in position with all necessary specials like shoes, bends or any other specials required to suit site conditions etc., jointed with wavin cement and lubricants with necessary MS R.M 12.00 clamps, brackets, bolts and nuts all complete as directed. 110mm dia-6kg/sq.cm"

SCHEDULE V SCHEDULE OF WORK - VASHINI (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Vashini (Sirmour District), Himachal **Pradesh** Sl No Specification Unit Quantity Rate in Rs Amount in Rs PLASTERING Prepare surfaces and plaster with CM 1:3(1 cement, 3 sand) ,12mm minimum thick (sponge finish) to ceiling sides and soffit of beams and columns Sqm 44.00 and other interior and exterior RCC surfaces not contiguous to masonry. Prepare surfaces and plaster with CM 1:5(1 cement, 5 sand) ,12mm minimum thick to all interior faces of walls (sponge finish) including RCC surfaces 0 Sqm not contiguous to masonry. Necessary internal grooves of size 10mmx10mm shall be carried out as shown/directed by engineer-in-charge. **PAINTING** Prepare surfaces and paint two coats of plastic emulsion paint of approved colour over two coats of Gypsum punning of 6 mm minimum thick and primer all 0 Sqm complete as per manufacturers specifications to all ceilings in all floors. Finishing with oil bound washable Interior Emulsion of approved brand and 126.00 manufacture to give an even shade: New work (two or more coats) over and Sqm including water thinnable priming coat with cement primer Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 Sqm 21.00 ltr/10 sqm of approved brand and manufacture Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two 12.00 or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ Sqm 0.80 ltr/ 10 sqm of approved brand and manufacture Providing and applying plaster of paris putty of 2 mm thickness over plastered 28 Sqm 126.00 surface to prepare the surface even and smooth complete. Removing white or colour wash by scrapping and sand papering and preparing the 0 Sqm surface smooth including necessary repairs to scratches etc. complete Finishing with Deluxe Multi surface paint system for exteriors using Primer as per manufacturers specifications: Two or more coats applied on walls @ 1.25 ltr/10 178.00 DISMANTLING Dismantling plastered brickwalls in cement mortar including cleaning, stacking the useful materials as directed by engineer-in-charge and dumping the Cum 1.00 dismantled debris as indicated at site, levelling, consolidating, all complete as directed and disposing the debris away from site all complete as directed. Dismantling the existing RCC concrete including cutting the reinforcement, stacking the useful materials as directed by engineer-in-charge, dumping the Cum 1.00 dismantled debris as indicated at site, leveling, consolidating, all complete as directed and disposal of debris away from site all complete. Dismantling Tile Flooring and Walls and disposing the debris away from site all 33 2.00

SCHEDULE V SCHEDULE OF WORK - VASHINI (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Vashini (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs PLUMBING Providing and fixing gun metal gate valve with C.I. wheel of approved quality Sqm 2 Providing and fixing C.P. brass angle valve for basin mixer and geyserpoints of 2 approved quality conforming to IS:8931 a) 15 mm nominal bore: 15 mm nominal Each bore.Make:Hindware,Cera,Jaquar etc.. Providing and fixing PTMT Bottle Trap for Wash basin and sink. Bottle trap 38mm single piece moulded with height of 270mm, effective length of tail pipe Each 0 260mm from the centre of the waste coupling 77mm breadth with 25mm minimum water seal, weighing not less than 263gms. Providing and fixing trap of self cleansing design with screwed down orhinged grating with or without vent arm complete, including cost of cutting and making 2 good the walls and floors:100 mm inlet and 100 mm outlet Constructing brick masonry manhole in cement mortar 1:4 (1 cement: 4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand: 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating Each 0 coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design: With common burnt clay F.P.S designation 7.5 Providing and fixing square – mouth PVC. Gully trap grade "A" complete with CI grating brick masonry chamber with water tight tight CI cover with frame of Each 0 300 x 300mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design Providing and fixing white vitreous china pedestal type water closet(European type W.C. pan) with seat and lid, 10 litre low level white P.V.C.flushing cistern, including flush pipe, with manually controlled device(handle lever), conforming 2 to IS: 7231, with all fittings and fixturescomplete, including cutting and making good the walls and floors wherever required :W.C. pan with ISI marked white solid plastic seat and lid Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brasspillar taps. 32 mm C.P. brass waste of standard pattern, including painting of fittings and 2 brackets, cutting and making good the walls whereverrequire: White Vitreous China Wash basin size 630x450 mm with apair of 15 mm C.P. brass pillar taps Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work including cutting chases and making good the walls etc 20 mm nominal outer dia .Pipes Metre 0 32 mm nominal outer dia Pipes Metre 0 50 mm nominal outer dia Pipes Metre 0 Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as perIS: 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the wallswherever required ::(Lowest retail price of sink not less than Rs. 3150) Kitchen sink without drain board, Size -610x510 mm bowl depth 200 mm Each

SCHEDULE V SCHEDULE OF WORK - VASHINI (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Vashini (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs Providing and fixing PVC Waste pipe for sink or wash basin including PVC waste fittings complete.:Semi rigid pipe 32mm dia 3 Each Providing and fixing CP Waste coupling for wash basin and sink of approved quality, colour and make. Waste coupling 31mm of 79mm length and 62mm Each 3 breadth, weighing not less than 45 gms. Make: Hindware, Jaquar etc.., Extra for providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/stone work, including necessary holes for pillar taps etc. including moulding, rubbing Each 1 and polishing of cut edges etc. complete. Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden 2 cleats with C.P. brass screws and washers complete. Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved Each 2 quality and colour. 600mm long towel rail with total length of 645mm, width 78mm and effective height of 88mm, weighing not less than 190gms. Providing and fixing PTMT liquid soap container 109mm wide, 125mm high and 112mm distance from wall of standard shape with bracket of the same materials 2 Each with snap fittings of approved quality and colour. weighing not less than 105 gms Providing & fixing of CP Health faucet. Hand operated spray unit (instand type) 51 Set 2 Providing and fixing PVC pipes for water supply arrangements including cost pipes, fittings, solvent cement,testing of pipes, labour charges etc complete : Concealed work including cutting chases and making good the wall etc 20mm dia. PVC pipe Metre 10 a b 25mm dia. PVC pipe Metre 20 32mm dia. PVC pipe Metre 0 Providing and fixing CP grating of 6mm thick with rim including setting in floor with white cement mortar and making good the floor Each 2 125mm dia Providing and fixing PVC soil, waste and vent pipe to IS: 13592 of SWR quality including all fittings, like: Bends, Tees, Elbows, Collars, junction, inspection doors, cowls, offsets, access pipes, jointing with rubber ring / solvent cement by application of leak proof adhesive like FRP paste including cutting holes in walls and floors and making good. Make:Supreme,Finolex,Prince etc.. 50mm dia Metre 0 а b 110mm dia Metre 12 **CURTAIN WORK** 1.Two range of curtain cloth - Type 1 - II. 2. Both for doors, windows and partions. 3. Assorted colours plain & prints 4. Stitched as per site/ size requirement 5. Minor modifications in stitching as per site/ size requirement 6.Preferred colour (Brown, Cream, Beige) 7. Curtain price (including cloth & curtain rod) to be quoted in Squre metre 8. Stitching for each curtain to be absorb in the price of the cloth generally 2 meters. 9. Fast colours, water wash 10.Fabric density Non Transparent Composition

SCHEDULE V SCHEDULE OF WORK - VASHINI (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Vashini (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs 11. Fabric of curtain shall be soft texture, great shading, drape effect and nice 12. The bracket shall be side mounted and front mounted as required 13. First rod mount is 3.5 inches from the wall. 14. Where curtain used as a partition/ long length, sufficient support from ceiling should be provided to avoid sagging. 15.Rate quoted for fully stitched Curtain with top nepha with punch holes after lining bucramreinforced with SS / PVC islets and lower nepha 200mm double turned. Type -I (Surgical Curtain) Curtain fabric weight shall be up to 275-300 (±5%) gsm Composition of fabric shall be polyester yarn I.E. 300 denier fast colour sink age shall be (±5%) Weft 10 Sqm and warp shall be polyester / cotton polyester mix Type - II (Window & Door Curtain) Curtain fabric weight shall be up to 250-275 (±5%) gsm Composition of fabric shall be polyester yarn I.E. 300 denier fast colour sink age shall be (±5%) Weft 0 and warp shall be polyester / cotton polyester mix FALSE CEILING & CLADDING Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building, for all heights and all levels etc. including: Structural analysis & design and preparation of shop drawings for pressure equalisation or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design. Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metalic colour of approved shades made out of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified 6.00 Sqm using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc. The fastening brackets of Aluminium alloy 6005 T5 / MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specification and drawing The item includes cost of all material & labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding, cleaning and protection of the curtain wall with aluminium composite panel cladding till the handing over of the building for occupation. Base frame work for ACP cladding is payable under the relevant aluminium item.s The Contractor shall provide curtain wall with aluminium composite panel cladding, having all the performance Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked M.S. Pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will 8.00 Sqm be paid for separately, all complete as per direction of Engineer-in-charge Second class teak wood: 35 mm thick shutters Providing and Fixing Wooden false Ceiling comprising of a Galvanized MS frame as required covered with 12 mm thick Marine ply, followed by 6 mm premium quality MDF for making groove and finished with a natural veneer (as approved) of 3.5 mm thickness duly Spirit polished with melamine matt coating. Sqm 0 The ceiling shall be fixed to the roof soffit with adequate suspenders. The item shall be inclusive of cutting & making cutouts for lights, diffusers etc all complete. (veneer with basic cost Upto Rs:100 per sft FOR site) **Total Civil Works**

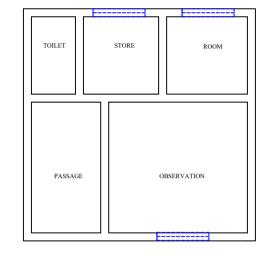
SCHEDULE OF WORK - VASHINI (SIRMOUR DISTRICT)

Sub: Civil and Electrical works for setting up of Health Wellness Center at Vashini (Sirmour District), Himachal Pradesh

Sub:	Pradesh		•	ŕ	
Sl No	Specification	Unit	Quantity	Rate in Rs	Amount in Rs
	ELECTRICAL WORKS				
	TOTAL C.O. TO SUMMARY				
1	Point wiring in PVC conduit with modular type switch.				
	Wiring for light point/fan point/exhaust fan point /call bell point with 1.5 sq mm				
	FR PVC insulated copper conductor single core cable in surface/recessed medium				
	class PVC conduit, with modular switch, modular plate, suitable PVC box and				
	earthing the point with 1.5 sq.mm FR PVC insulated copper conductor single core				
	cable etc as required.				
	Group C	Point	5		
2	Wiring through PVC conduit				
	Wiring for circuit/submain wiring along with earth wire with the following sizes				
	of FR PVC insulated copper conductor, single core cable in surface/recessed				
	medium class PVC conduit as required.(Make:Havells/Finolex/V-guard/Polycab)				
a	2X1.5 sq.mm + 1X1.5 sq.mm earth wire	Metre	18		
b	2X2.5 sq.mm + 1 X2.5 sq mm earth wire	Metre	12		
c	2X4 sq.mm + 1X4 sq.mm earth wire	Metre	0		
3	Telephone wiring in existing conduit:				
	Supplying and drawing following pair 0.5 sq mm FR PVC insulated annealed				
	copper conductor, unarmored telephone cable in the existing surface/ recessed				
	steel/ PVC conduit as required.				
a	2 Pair	Metre	0		
4	A/C point				
	S/F 20A SPN MCB industrial socket outlet:				
	Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with				
	2 pole and earth, metal enclosed plug top alongwith 20 amps "C" curve, SP,	Point	1		
	MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover		1		
	for the socket out let and complete with connections, testing and commissioning				
	etc. as required.(Make: Legrand/Havells/HPL)				
5	Modular type blanking plate:				
	Supplying and fixing modular blanking plate on the existing modular plate &	Each	3		
	switch box excluding modular plate as required.(Make: Legrand/Havells/HPL)	Laci			
6	Modular boxes, bases & cover plate:				
	Supplying and fixing following size/modules, GI box along with modular base &				
	cover plate for modular switches in recess etc as required.(Make:				
	Legrand/Havells/HPL)				
a	2 module	Each	1		
b	3 module	Each	4		
С	4 module	Each	1		
	6 module	Each	2		
e	8 module	Each	0		
f	12 module	Each	0		
7	Modular type switch/socket:				
	Supplying and fixing following modular switch/socket on the existing modular				
	plate & switch box including connections but excluding modular plate etc as				
	required. (Make: Legrand/Havells/HPL)				
_	5/6 Amma avritak	D1	6		
a	5/6 Amps switch	Each	6		
b	3 pin 5/6 Amp socket outlet	Each	6		
С	15/16 Amps switch	Each	2		
d	6pin 15/16 Amps (universal) socket outlet	Each	2		
e	Telephone socket outlet	Each	0		
O	C/E DV/C J-:44				
8	S/F PVC conduit: Supplying and fixing of following sizes of medium class PVC conduit along with				
	accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required (ISI Make)				
_	in case of recessed conduit as required.(ISI Make) 20 mm	Matea	20		
a b		Metre	20 15		
υ	25 mm	Metre	13		

SCHEDULE V SCHEDULE OF WORK - VASHINI (SIRMOUR DISTRICT) Civil and Electrical works for setting up of Health Wellness Center at Vashini (Sirmour District), Himachal Pradesh Sl No Specification Unit Quantity Rate in Rs Amount in Rs ITC Fluorescent fitting directly on surface: Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting/LED of all types, complete with all accessories and tube etc. Each 4 directly on ceiling/ wall, including connection with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable and earthing etc. as required. ITC Ceiling fan: Installation, testing and commissioning of ceiling fan, including wiring the down Each 0 rods of standard length (upto 30 cm) with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable etc. as required. Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular 0 plate etc. as required. LAYING OF CABLES CABLE LAYING Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1kV grade of following size clamped on wall surface with 1mm thick saddles as required complete. FROM Mains TO DB a Metre 15 4 X 10 sq.mm END TERMINATION Supply and making end termination with brass compression gland, earth clip and aluminium lugs for following size of PVC insulated and PVC sheathed/XLPE aluminium conductor cable fo 1.1KV grade as required. 4 X 10 sq.mm Each 2 CABLE SUPPLY Supplying the following PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade as per CPWD standards as required. (Make:Havells/ Glostar/Nicco/Finolex/Polycab) Metre 15 4 x 10 sq.mm Supply of 15W LED tube fitting sleek with decorative end cap, powder coated CRCA steel channel complete with all electrical accessories like electronic ballast, 4 Each lamp holder, 28W LED lamp etc complete as required. (Philips / Wipro /HAVELLS) Supply and installation of 18 W CFL with its all accessories.[ISI MAKE] 16 Each 1 Supply and installation of 1200 mm sweep Ceiling fan, white colour, 5 star rated as per BEE complete with blades, down rod, shackle, canopy etc(Make 0 Havells/bajaj/usha/V-guard/crompton) Supply and installation EXHAUST FAN, SHUTTER TYPE white colour, 9" OR 10" star rated as per BEE complete with its all accessories(Make 0 Havells/bajaj/usha/V-guard) S/F of SPN MCB PDB Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) 4 way double door, horizontal type Each 1 a 6 way Double door, horizontal type Each 0 19.2 **S/F OF SP MCB** 6/10A SP MCB Each 2 19.3 **S/F DP ISOLATOR** Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, ISOLATOR having a sensitivity current upto 100 to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc, as required.(Make: Legrand/Havells/HPL) 32 AMPS Each

SCHEDULE OF WORK - VASHINI (SIRMOUR DISTRICT)									
Sub:	Civil and Electrical works for setting up of Health Wellness Center at Vashini (Sirmour Dis								
Sl No	Specification	Unit	Quantity	Rate in Rs	Amount in Rs				
20	EARTHING								
	Pipe earthing with G.I. earth pipe 2.5 metre, long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt) as required complete.	Sat	1						
21	Preparation of all drawings submitting and getting approval from EB for extra load & 3phase connection with Meter, submitting of Completion certificates and arranging inspection, getting sanction and energisation certificates etc. for commissioning of the whole installation in the premises. All statutory payments(inclusive) will be reimbursed on production of the original reciepts.		0						
23.1	Miscellaneous Items Miscellaneous electrical work, removing of existing conduits and interconnections of light,6A socket/16A socket/A/C point from existing DB	LS	0						
	Total Electrical Works								
	Grand Total	Rs.							
	GST @ 18%	Rs.							
	Grand Total (In Rs. Incl. of taxes)	Rs.							



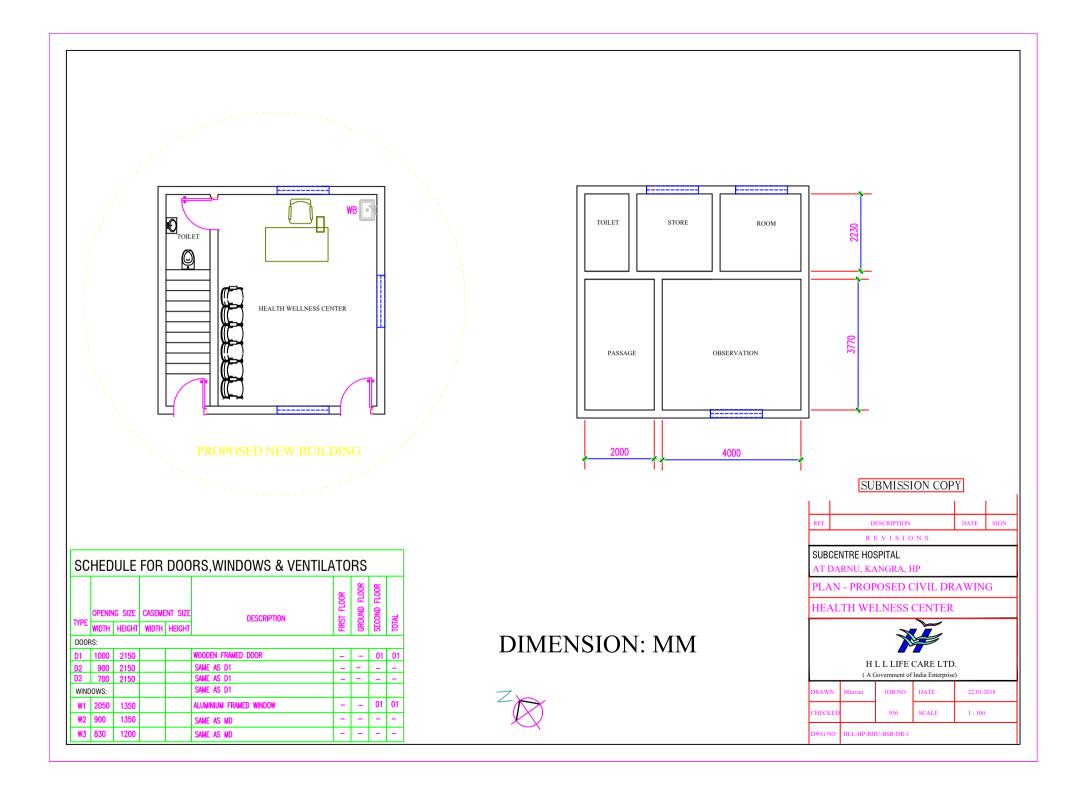
SC	SCHEDULE FOR DOORS, WINDOWS & VENTILATORS								
	OPENING SIZE		CASEMENT SIZE		DESCRIPTION	ST FLOOR	GROUND FLOOR	SECOND FLOOR	۸L
TYPE	WIDTH	HEIGHT	WIDTH	HEIGHT		FIRST	98	SS	TOTAL
DOOF	DOORS:								
D1	1000	2150			WOODEN FRAMED DOOR	_	-	01	01
D2	900	2150			SAME AS D1	_	-	_	-
D2	700	2150			SAME AS D1	-	-	-	-
WIND	OWS:				SAME AS D1				
W1	2050	1350			ALUMINIUM FRAMED WINDOW	-	_	01	01
W2	900	1350			SAME AS MD	-	-	-	-
W 3	830	1200			SAME AS MD	-	-	-	-

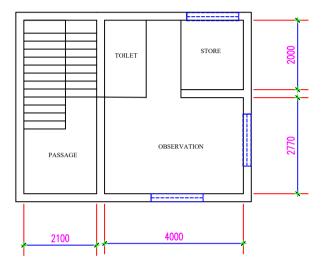
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SUBMISSION COPY

REF.	D	ESCRIPTION		DATE	SIGN				
	REVISIONS								
SUB	SUBCENTRE HOSPITAL								
AT I	AT DARNU, KANGRA, HP								
PLA	PLAN - EXISTING CIVIL DRAWING								
HEA	HEALTH WELNESS CENTER								
H L L LIFE CARE LTD. (A Government of India Enterprise)									
DRAW	N Bhuvan	JOB NO	DATE	22.01.2	018				
CHECK	ŒD	955	SCALE	1:100					
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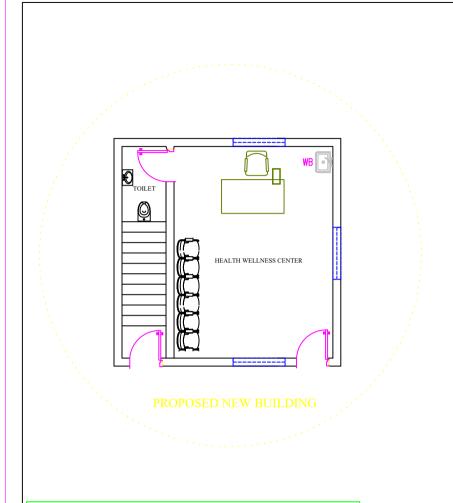


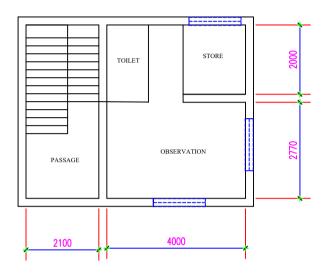


SC	SCHEDULE FOR DOORS, WINDOWS & VENTILATORS												
	OPENING SIZE CASEMENT SIZE		INT SIZE	DESCRIPTION		GROUND FLOOR	SECOND FLOOR	AL					
TYPE	WIDTH	HEIGHT	WIDTH	HEIGHT		FIRST	98	SS	TOTAL				
DOOF	DOORS:												
D1	1000	2150			WOODEN FRAMED DOOR	_	-	01	01				
D2	900	2150			SAME AS D1	_	-	_	-				
D2	700	2150			SAME AS D1	-	-	-	_				
WIND	OWS:				SAME AS D1								
W1	2050	1350			ALUMINIUM FRAMED WINDOW	-	_	01	01				
W2	900	1350			SAME AS MD	-	-	-	-				
W3	830	1200			SAME AS MD	-	-	-	-				



REF.	D	ESCRIPTION		DATE	SIGN						
	R	EVISIO	NS								
	SUBCENTRE HOSPITAL AT GUNEHAR, KANGRA, HP										
PLA	PLAN - EXISTING CIVIL DRAWING										
HEA	HEALTH WELNESS CENTER										
	H L L LIFE CARE LTD. (A Government of India Enterprise)										
DRAW	N Bhuvan	JOB NO	DATE	22.01.2	018						
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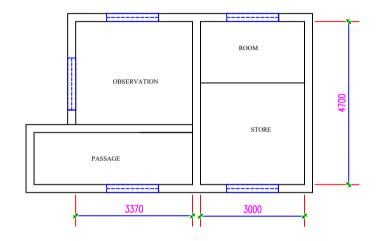
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REF.	г	DESCRIPTION		DATE	SIGN					
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	CENTRE HO		A, HP							
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HEA	HEALTH WELNESS CENTER									
H L L LIFE CARE LTD. (A Government of India Enterprise)										
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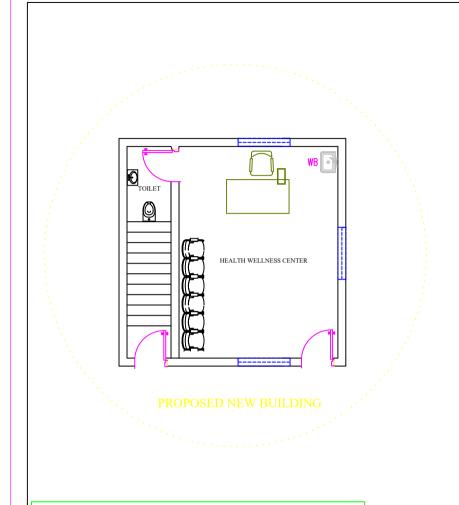
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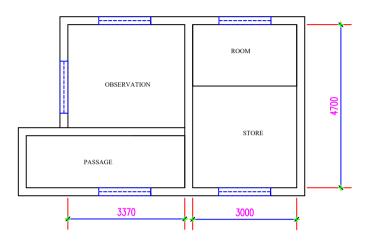


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7,05	OPENIN	ig size	CASEME	ST FLOOR	GROUND FLOOR	SECOND FLOOR	AL.						
TYPE	WIDTH	HEIGHT	WIDTH	HEIGHT		FIRST	GRC	SEC	TOTAL				
DOOF	DOORS:												
D1	1000	2150			WOODEN FRAMED DOOR	_	_	01	01				
D2	900	2150			SAME AS D1	_	-	_	-				
D2	700	2150			SAME AS D1	-	-	-	_				
WIND	OWS:				SAME AS D1								
W1	2050	1350			ALUMINIUM FRAMED WINDOW	-	-	01	01				
W2	900	1350			SAME AS MD	-	-	-	-				
W3	830	1200			SAME AS MD	-	-	-	-				



REF.	D	ESCRIPTION		DATE	SIGN						
	R	EVISIO	NS								
1	SUBCENTRE HOSPITAL AT KANARTHU, KANGRA, HP										
PLAN - EXISTING CIVIL DRAWING											
HE	HEALTH WELNESS CENTER										
	H L L LIFE CARE LTD. (A Government of India Enterprise)										
DRAW	N Bhuvan	JOB NO	DATE	22.01.2	018						
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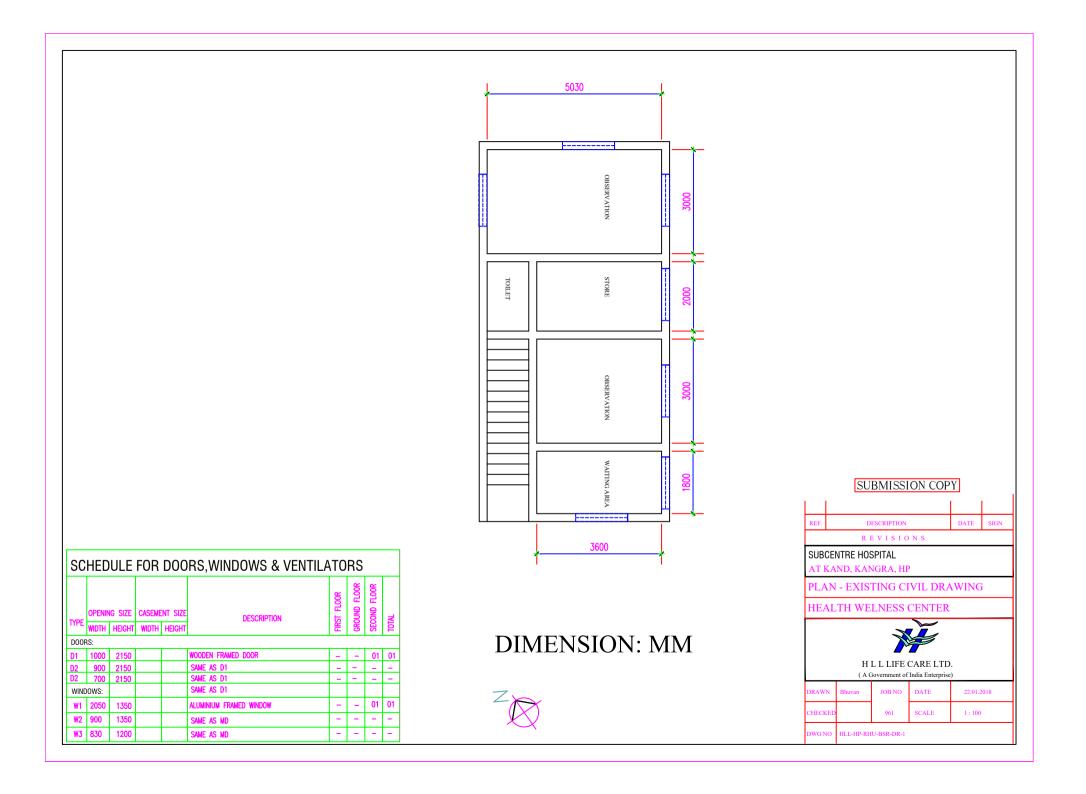


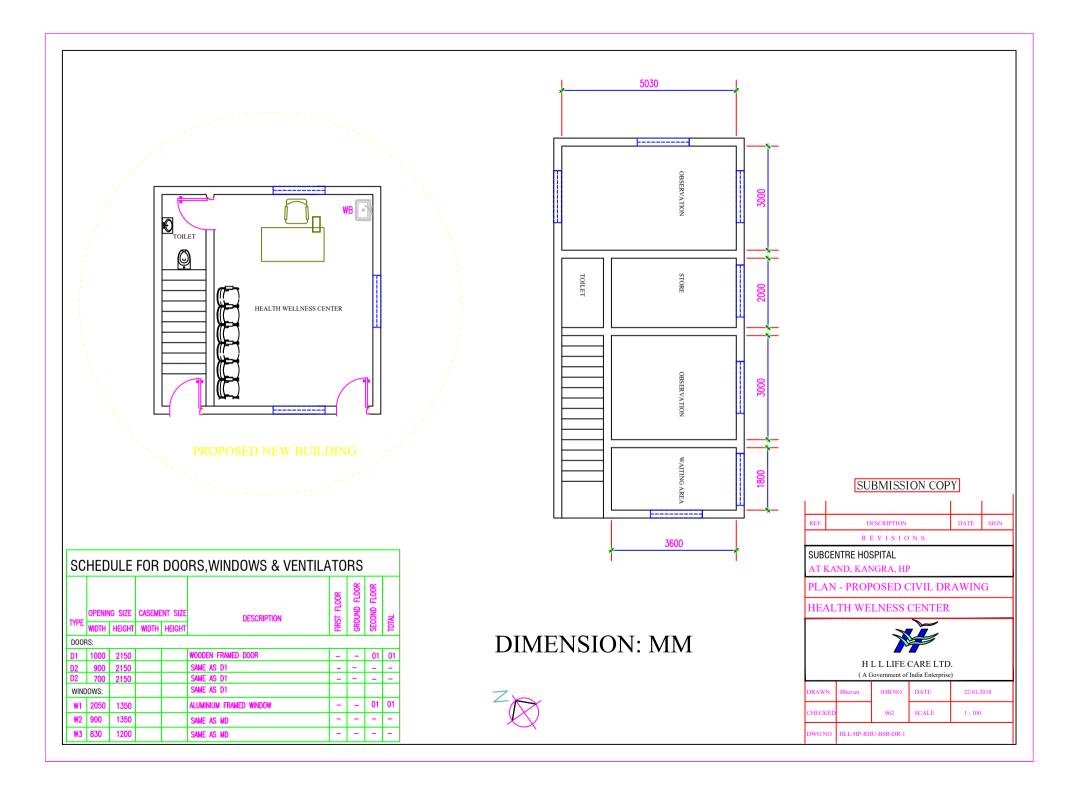


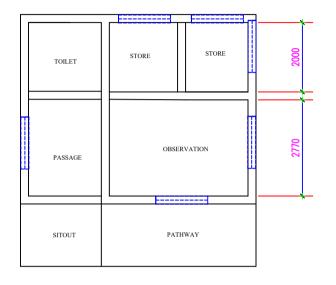
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PLAN - PROPOSED CIVIL DRAWING									
HEA	HEALTH WELNESS CENTER								
	H L L LIFE CARE LTD. (A Government of India Enterprise)								
DRAW	N	Bhuvan	JOB NO	DATE	22.01.2	2018			
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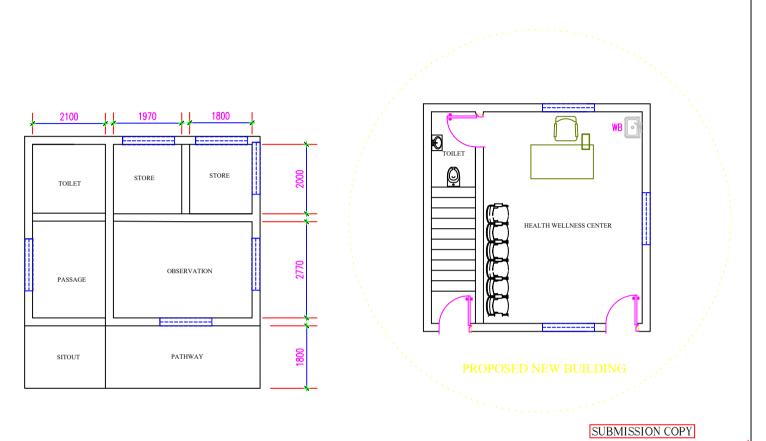




SC	SCHEDULE FOR DOORS,WINDOWS & VENTILATORS												
7,05	OPENIN	ig size	CASEME	ST FLOOR	GROUND FLOOR	SECOND FLOOR	AL.						
TYPE	WIDTH	HEIGHT	WIDTH	HEIGHT		FIRST	GRC	SEC	TOTAL				
DOOF	DOORS:												
D1	1000	2150			WOODEN FRAMED DOOR	_	_	01	01				
D2	900	2150			SAME AS D1	_	-	_	-				
D2	700	2150			SAME AS D1	-	-	-	_				
WIND	OWS:				SAME AS D1								
W1	2050	1350			ALUMINIUM FRAMED WINDOW	-	-	01	01				
W2	900	1350			SAME AS MD	-	-	-	-				
W3	830	1200			SAME AS MD	-	-	-	-				



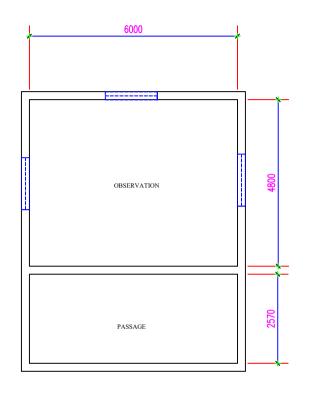
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HEA	HEALTH WELNESS CENTER									
	H L L LIFE CARE LTD. (A Government of India Enterprise)									
DRAW	N Bhuvan	JOB NO	DATE	22.01.2	2018					
CHECK	ŒD	975	SCALE	1:100	·					
DWG N	IO HLL-HP-RI	IU-BSR-DR-1								



SC	SCHEDULE FOR DOORS,WINDOWS & VENTILATORS											
	OPENIN	ig size	CASEME	NT SIZE	DESCRIPTION		GROUND FLOOR	SECOND FLOOR	AL.			
TYPE	WIDTH	HEIGHT	WIDTH	HEIGHT		FIRST	器	꾨	TOTAL			
DOOF	DOORS:											
D1	1000	2150			WOODEN FRAMED DOOR	_	_	01	01			
D2	900	2150			SAME AS D1	_	-	_	_			
D2	700	2150			SAME AS D1	-	-	-	_			
WIND	OWS:				SAME AS D1							
W1	2050	1350			ALUMINIUM FRAMED WINDOW	-	-	01	01			
W2	900	1350			SAME AS MD	-	-	-	-			
W3	830	1200			SAME AS MD	-	-	-	-			



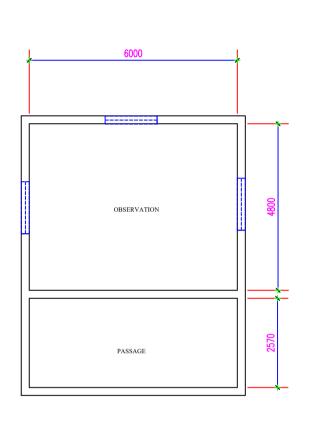
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REVISIONS										
SUBCENTRE HOSPITAL										
AT I	AT DADRI, KANGRA, HP									
PLA	N - PROF	OSED (CIVIL DR	AWIN	G					
HEA	ALTH WE	LNESS	CENTER							
H L L LIFE CARE LTD. (A Government of India Enterprise)										
DRAW	N Bhuvan	JOB NO	DATE	22.01.2	018					
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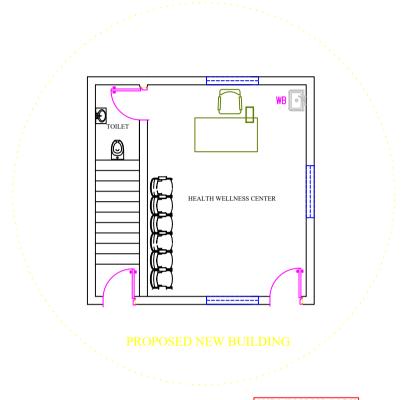


SC	SCHEDULE FOR DOORS,WINDOWS & VENTILATORS											
	OPENIN	ig size	CASEME	NT SIZE	DESCRIPTION		GROUND FLOOR	SECOND FLOOR	AL.			
TYPE	WIDTH	HEIGHT	WIDTH	HEIGHT		FIRST	器	꾨	TOTAL			
DOOF	DOORS:											
D1	1000	2150			WOODEN FRAMED DOOR	_	_	01	01			
D2	900	2150			SAME AS D1	_	-	_	_			
D2	700	2150			SAME AS D1	-	-	-	_			
WIND	OWS:				SAME AS D1							
W1	2050	1350			ALUMINIUM FRAMED WINDOW	-	-	01	01			
W2	900	1350			SAME AS MD	-	-	-	-			
W3	830	1200			SAME AS MD	-	-	-	-			



REF.		D	ESCRIPTION		DATE	SIGN				
		RI	EVISIO	NS						
SUB	CEN	TRE HOS	SPITAL							
AT l	AT MADEHAR, KANGRA, HP									
PLA	PLAN - EXISTING CIVIL DRAWING									
HEA	HEALTH WELNESS CENTER									
	F									
				CARE LTD India Enterprise						
DRAW	'n	Bhuvan	JOB NO	DATE	22.01.2	2018				
CHECK	KED		963	SCALE	1:100					
DWG N	40	HLL-HP-RH	U-BSR-DR-1							



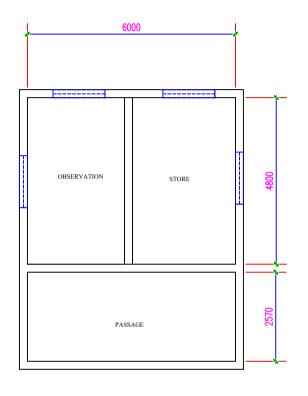


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REF.		D	ESCRIPTION		DATE	SIGN			
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SUB	CEN	NTRE HOS	SPITAL						
AT N	ИA	DEHAR,	KANGR	A, HP					
PLA	PLAN - PROPOSED CIVIL DRAWING								
HEA	HEALTH WELNESS CENTER								
				CARE LTD					
DRAW	N	Bhuvan	JOB NO	DATE	22.01.2	2018			
CHECK	ΈD		964	SCALE	1:100				

SC	SCHEDULE FOR DOORS, WINDOWS & VENTILATORS											
TYPE		PENING SIZE CASEMENT SIZI IDTH HEIGHT WIDTH HEIGHT		NT SIZE	DESCRIPTION	FIRST FLOOR	GROUND FLOOR	SECOND FLOOR	TOTAL			
IIFE	WIDTH	HEIGHT	WIDTH	HEIGHT		FIR	GR)	SS	5			
DOOF	DOORS:											
D1	1000	2150			WOODEN FRAMED DOOR	_	-	01	01			
D2	900	2150			SAME AS D1	_	-	_	-			
D2	700	2150			SAME AS D1	_	-	_	-			
WINE	OOWS:				SAME AS D1							
W1	2050	1350			ALUMINIUM FRAMED WINDOW	-	-	01	01			
W2	900	1350			SAME AS MD	-	-	-	-			
11/7	070	1000			CIVIE 10 ND							

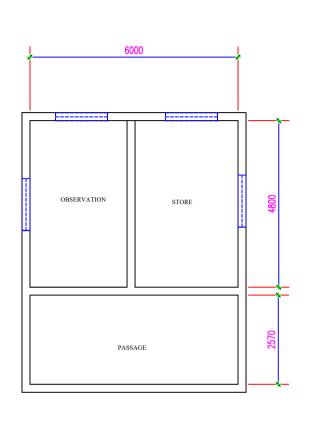


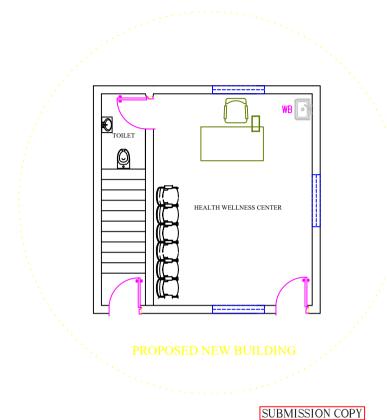


SC	SCHEDULE FOR DOORS, WINDOWS & VENTILATORS											
7,05	OPENING SIZE CASEMENT SIZE		NT SIZE	DESCRIPTION	ST FLOOR	GROUND FLOOR	SECOND FLOOR	AL				
TYPE	WIDTH	HEIGHT	WIDTH	HEIGHT		FIRST	GRC	SEC	TOTAL			
DOOF	DOORS:											
D1	1000	2150			WOODEN FRAMED DOOR	_	-	01	01			
D2	900	2150			SAME AS D1	_	-	_	-			
D2	700	2150			SAME AS D1	_	-	_	_			
WIND	OWS:				SAME AS D1							
W1	2050	1350			ALUMINIUM FRAMED WINDOW	-	_	01	01			
W2	900	1350			SAME AS MD	-	-	-	-			
W3	830	1200			SAME AS MD	-	-	-	-			



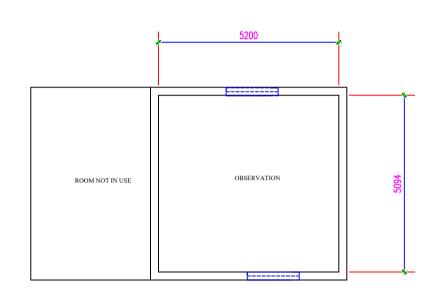
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SUB	CENTRE HO	SPITAL								
AT I	PANJALA,	KANGRA	, HP							
PLA	PLAN - EXISTING CIVIL DRAWING									
HE	HEALTH WELNESS CENTER									
	H L L LIFE CARE LTD. (A Government of India Enterprise)									
DRAW	N Bhuvan	JOB NO	DATE	22.01.2	2018					
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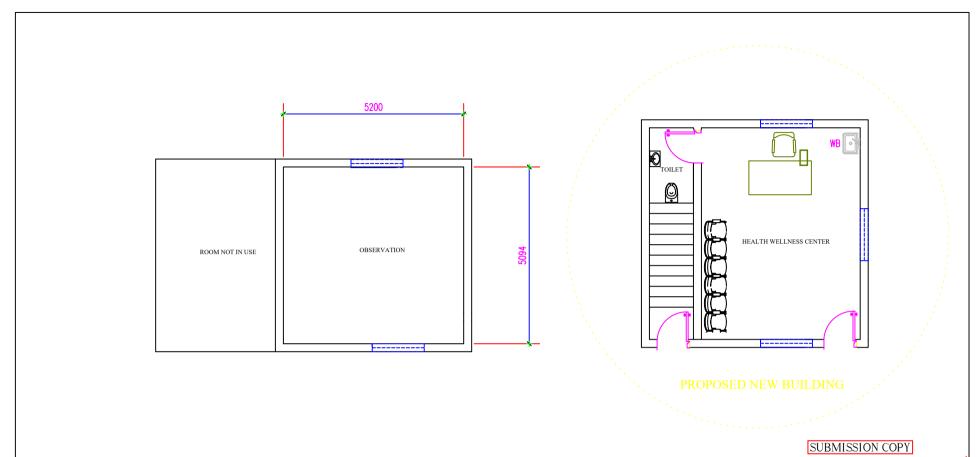
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REVISIONS											
SUBCENTRE HOSPITAL											
AT PANJALA, KANGRA, HP											
PLA	PLAN - PROPOSED CIVIL DRAWING										
HEA	ALTH WE	LNESS	CENTER								
H L L LIFE CARE LTD. (A Government of India Enterprise)											
DRAW	DRAWN Bhuvan JOB NO DATE 22.01.2018										
CHECK	CHECKED 966 SCALE 1:100										
DWG NO HLL-HP-RHU-BSR-DR-1											



SC	SCHEDULE FOR DOORS, WINDOWS & VENTILATORS											
7,05	OPENING SIZE CASEMENT SIZE WIDTH HEIGHT WIDTH HEIGHT		nt size	DESCRIPTION	ST FLOOR	GROUND FLOOR	SECOND FLOOR	AL				
IYPE						FIRST	GRC	SEC	TOTAL			
DOOF	DOORS:											
D1	1000	2150			WOODEN FRAMED DOOR	_	-	01	01			
D2	900	2150			SAME AS D1	_	-	_	-			
D2	700	2150			SAME AS D1	_	-	_	_			
WIND	OWS:				SAME AS D1							
W1	2050	1350			ALUMINIUM FRAMED WINDOW	-	-	01	01			
W2	900	1350			SAME AS MD	-	-	-	-			
W3	830	1200			SAME AS MD	-	-	-	-			



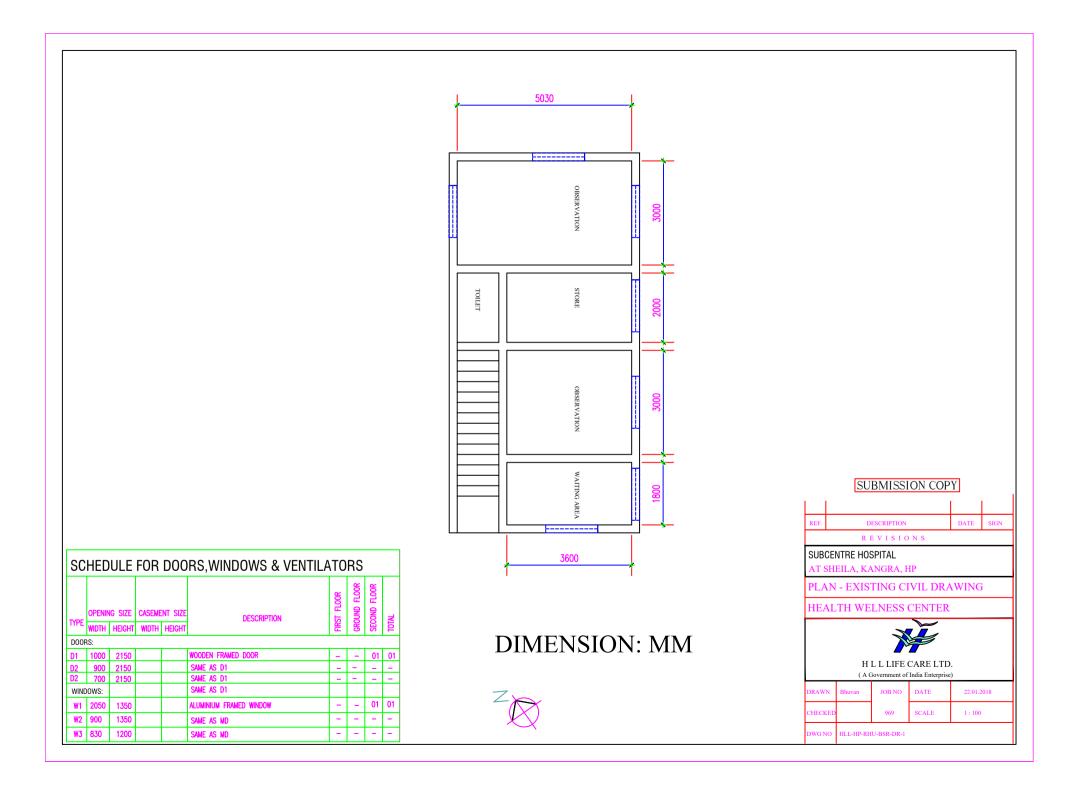
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AI	SEHA.	L, KA	NGRA, H	r						
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HE	HEALTH WELNESS CENTER									
	H L L LIFE CARE LTD. (A Government of India Enterprise)									
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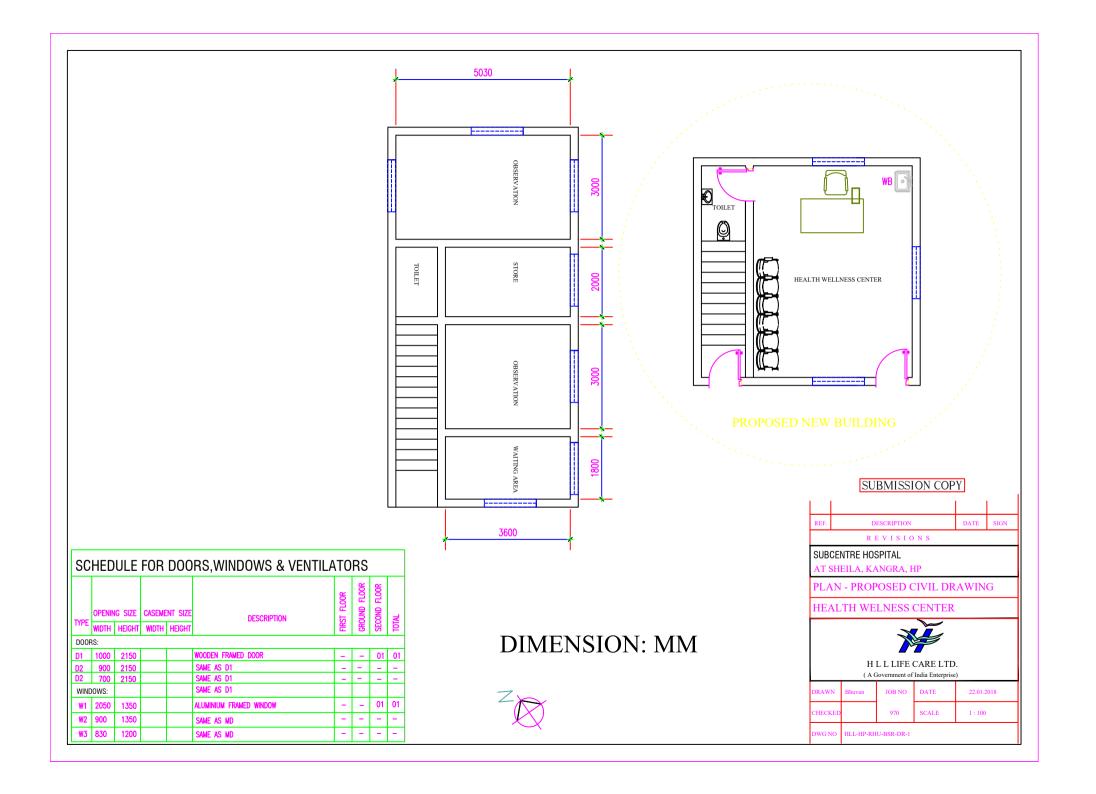


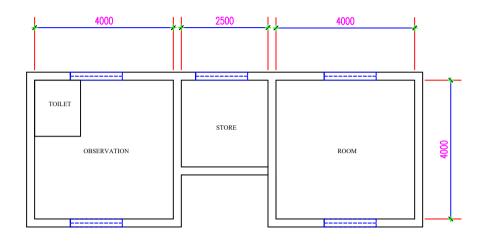
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TVDE	OPENING SIZE CASEMENT SIZ		NT SIZE	DESCRIPTION	FIRST FLOOR	GROUND FLOOR	SECOND FLOOR	AL				
IYPE	TYPE WIDTH HEIGHT WIDTH HEIGH						8	SS	TOTAL			
DOOF	DOORS:											
D1	1000	2150			WOODEN FRAMED DOOR	_	-	01	01			
D2	900	2150			SAME AS D1	_	-	_	-			
D2	700	2150			SAME AS D1	_	-	-	_			
WIND	OWS:				SAME AS D1							
W1	2050	1350			ALUMINIUM FRAMED WINDOW	-	_	01	01			
W2	900	1350			SAME AS MD	-	-	-	-			
W3	830	1200			SAME AS MD	-	-	-	-			



REF.	D	ESCRIPTION		DATE	SIGN						
REVISIONS											
SUBCENTRE HOSPITAL											
AT SEHAL, KANGRA, HP											
PLAN - PROPOSED CIVIL DRAWING											
HEA	ALTH WE	LNESS	CENTER								
H L L LIFE CARE LTD. (A Government of India Enterprise)											
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DWG NO HLL-HP-RHU-BSR-DR-I											



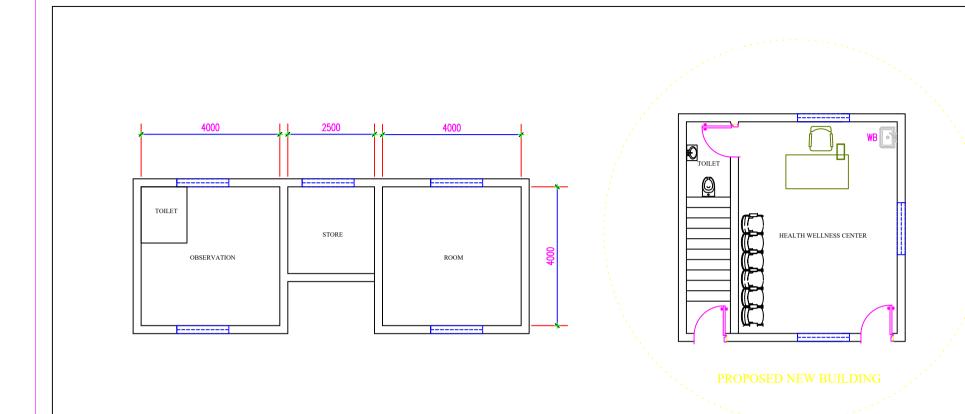




SC	SCHEDULE FOR DOORS, WINDOWS & VENTILATORS											
	OPENIN	ig size	CASEME	INT SIZE	DESCRIPTION	ST FLOOR	GROUND FLOOR	SECOND FLOOR	AL			
TYPE	WIDTH	HEIGHT	WIDTH	HEIGHT		FIRST	GRC	SEC	TOTAL			
DOOF	DOORS:											
D1	1000	2150			WOODEN FRAMED DOOR	_	_	01	01			
D2	900	2150			SAME AS D1	_	-	_	-			
D2	700	2150			SAME AS D1	-	-	-	_			
WIND	OWS:				SAME AS D1							
W1	2050	1350			ALUMINIUM FRAMED WINDOW	-	-	01	01			
W2	900	1350			SAME AS MD	-	-	-	-			
W3	830	1200			SAME AS MD	-	-	-	-			



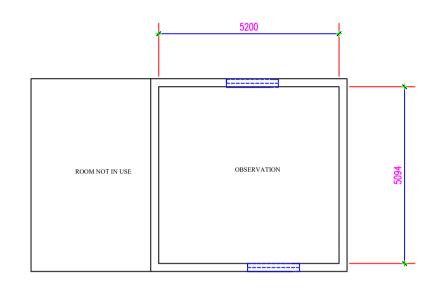
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SUB	CENTRE HO	SPITAL								
AT S	SIDBHARI,	KANGRA	A, HP							
PLA	PLAN - EXISTING CIVIL DRAWING									
HEA	HEALTH WELNESS CENTER									
			CARE LTD							
DRAW	N Bhuvan	JOB NO	DATE	22.01.2	2018					
CHECK	KED	971	SCALE	1:100						
ı										



SC	SCHEDULE FOR DOORS, WINDOWS & VENTILATORS											
TVDE	OPENING SIZE CASEMENT SIZE		nt size	DESCRIPTION	ST FLOOR	GROUND FLOOR	SECOND FLOOR	AL				
IYPE	WIDTH HEIGHT WIDTH HEIGH					FIRST	GRC	SEC	TOTAL			
DOOF	DOORS:											
D1	1000	2150			WOODEN FRAMED DOOR	_	-	01	01			
D2	900	2150			SAME AS D1	_	-	_	-			
D2	700	2150			SAME AS D1	_	-	_	_			
WIND	OWS:				SAME AS D1							
W1	2050	1350			ALUMINIUM FRAMED WINDOW	-	-	01	01			
W2	900	1350			SAME AS MD	-	-	-	-			
W3	830	1200			SAME AS MD	-	-	-	-			



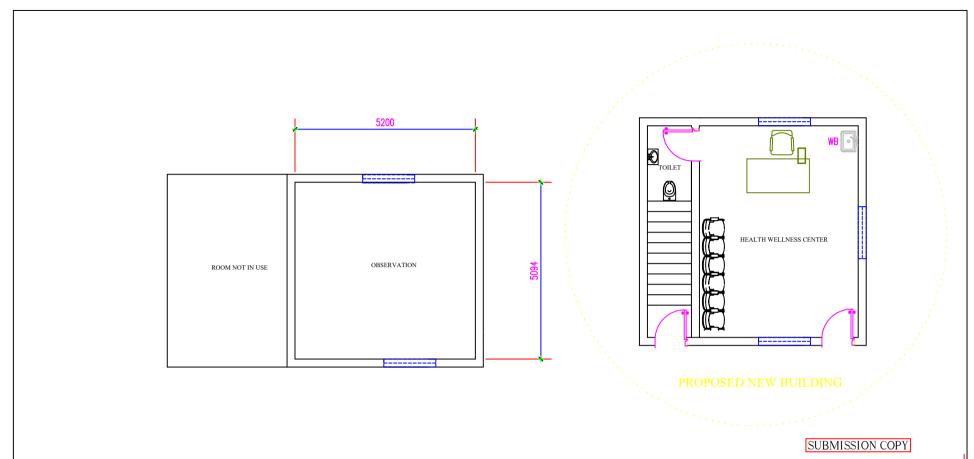
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REF. DESCRIPTION DATE SIGN												
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AT S	SIDBHARI,	KANGRA	A, HP									
PLA	PLAN - PROPOSED CIVIL DRAWING											
HEA	ALTH WE	LNESS	CENTER									
H L L LIFE CARE LTD. (A Government of India Enterprise)												
DRAW	N Bhuvan	JOB NO	DATE	22.01.2	2018							
CHECK	CHECKED 972 SCALE 1:100											
DWGN	DWG NO HILL-HP_RHIL-RSR-DR-I											



SC	SCHEDULE FOR DOORS, WINDOWS & VENTILATORS										
TVDE	OPENIN	ig size	CASEME	NT SIZE	DESCRIPTION	ST FLOOR	GROUND FLOOR	SECOND FLOOR	NL.		
TYPE	WIDTH	HEIGHT	WIDTH	HEIGHT		FIRST	GRC	SEC	TOTAL		
DOOF	DOORS:										
D1	1000	2150			WOODEN FRAMED DOOR	_	_	01	01		
D2	900	2150			SAME AS D1	_	-	_	_		
D2	700	2150			SAME AS D1	-	-	-	_		
WIND	00WS:				SAME AS D1						
W1	W1 2050 1350 ALUMINIUM FRAMED WINDOW 01 01										
W2	900	1350			SAME AS MD	-	-	-	-		
W3	830	1200			SAME AS MD	-	-	-	-		



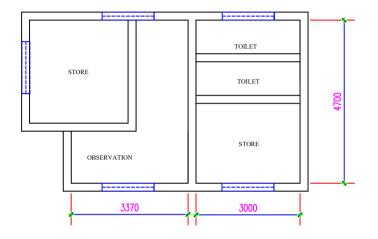
REF.		D	ESCRIPTION		DATE	SIGN			
		R I	EVISIO	NS					
		NTRE HOS							
AT S	AT SUKKAR, KANGRA, HP								
PLA	PLAN - EXISTING CIVIL DRAWING								
HE	HEALTH WELNESS CENTER								
	H L L LIFE CARE LTD. (A Government of India Enterprise)								
DRAW	'n	Bhuvan	JOB NO	DATE	22.01.2	018			
CHECK	KED		973	SCALE	1:100				
DWG N	DWG NO HLL-HP-RHU-BSR-DR-1								



SC	SCHEDULE FOR DOORS, WINDOWS & VENTILATORS											
	OPENIN	ig size	CASEME	INT SIZE	DESCRIPTION	ST FLOOR	GROUND FLOOR	SECOND FLOOR	AL			
TYPE	WIDTH	HEIGHT	WIDTH	HEIGHT		FIRST	GRC	SEC	TOTAL			
DOOF	RS:											
D1	1000	2150			WOODEN FRAMED DOOR	_	-	01	01			
D2	900	2150			SAME AS D1	_	-	_	-			
D2	700	2150			SAME AS D1	_	-	_	_			
WIND	OWS:				SAME AS D1							
W1	W1 2050 1350				ALUMINIUM FRAMED WINDOW	-	-	01	01			
W2	900	1350			SAME AS MD	-	-	-	-			
W3	830	1200			SAME AS MD	-	-	-	-			



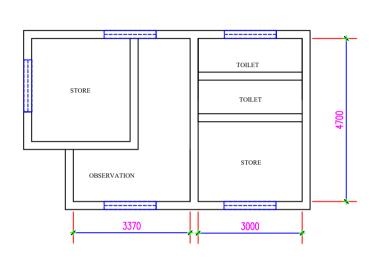
REF. DESCRIPTION DATE SIGN REVISIONS SUBCENTRE HOSPITAL AT SUKKAR, KANGRA, HP PLAN - PROPOSED CIVIL DRAWING HEALTH WELNESS CENTER H L L LIFE CARE LTD. (A Government of India Enterprise) DRAWN Bhuvan JOB NO DATE 22.01.2018 CHECKED 974 SCALE 1:100

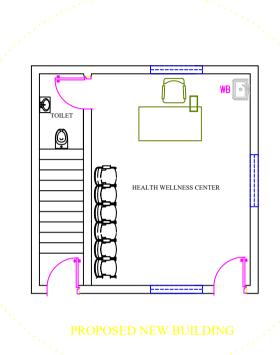


SC	SCHEDULE FOR DOORS, WINDOWS & VENTILATORS										
	OPENIN	ig size	CASEME	INT SIZE	DESCRIPTION	ST FLOOR	GROUND FLOOR	SECOND FLOOR	_		
TYPE	WIDTH	HEIGHT	WIDTH	HEIGHT	DESSAI TON	FIRST	GRO	SEC	TOTAL		
DOOF	RS:										
D1	1000	2150			WOODEN FRAMED DOOR	_	_	01	01		
D2	900	2150			SAME AS D1	_	-	_	-		
D2	700	2150			SAME AS D1	_	-	_	_		
WIND	OWS:				SAME AS D1						
W1	W1 2050 1350 ALUMINIUM FRAMED WINDOW - - - 01 01										
W2	900	1350			SAME AS MD	-	-	-	-		
W3	830	1200			SAME AS MD	-	-	-	-		



REF.	D	ESCRIPTION		DATE	SIGN					
	R	EVISIO	NS							
SUB	CENTRE HO	SPITAL								
AT 7	TARA, KAN	IGRA, HP)							
PLA	PLAN - EXISTING CIVIL DRAWING									
HEA	HEALTH WELNESS CENTER									
			CARE LTD							
DRAW	N Bhuvan	JOB NO	DATE	22.01.2	2018					
CHECK	ED	975	SCALE	1:100						
DWGN	O HLL-HP-RE	IU-BSR-DR-1								





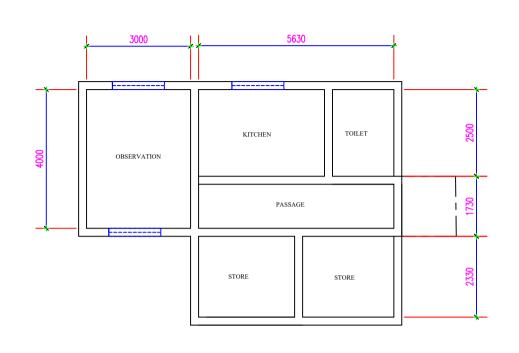
SCHEDULE FOR DOORS, WINDOWS & VENTILATORS

TYPE	openin Width	ig size Height	CASEME WIDTH	nt size Height	DESCRIPTION	FIRST FLOOR	GROUND FLOOR	SECOND FLOOR	TOTAL
DOOF	RS:								
D1	1000	2150			WOODEN FRAMED DOOR	_	-	01	01
D2	900	2150			SAME AS D1	_	-	_	-
D2	700	2150			SAME AS D1	_	-	_	-
WIND	00WS:				SAME AS D1				
W1	2050	1350			ALUMINIUM FRAMED WINDOW	-	-	01	01
W2	900	1350			SAME AS MD	-	-	-	-
W3	830	1200			SAME AS MD	-	-	-	-

DIMENSION: MM



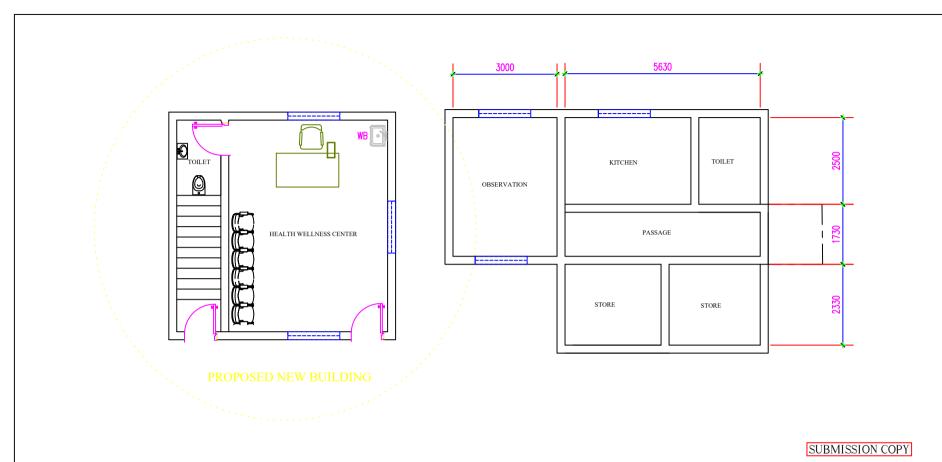
REF.	D	ESCRIPTION		DATE	SIGN				
	R	EVISIC	NS						
SUBC	ENTRE HO	SPITAL							
AT TARA, KANGRA, HP									
PLAN - PROPOSED CIVIL DRAWING									
HEA	HEALTH WELNESS CENTER								
H L L LIFE CARE LTD. (A Government of India Enterprise)									
DRAWN	Bhuvan	JOB NO	DATE	22.01.2	018				
CHECKED 976 SCALE 1:100									



SC	SCHEDULE FOR DOORS, WINDOWS & VENTILATORS										
TVDE	OPENIN	ig size	CASEME	NT SIZE	DESCRIPTION	FIRST FLOOR	GROUND FLOOR	SECOND FLOOR	AL.		
TYPE	WIDTH	HEIGHT	WIDTH	HEIGHT		Æ	GRC	SEC	TOTAL		
DOOF	RS:										
D1	1000	2150			WOODEN FRAMED DOOR	_	_	01	01		
D2	900	2150			SAME AS D1	_	-	_	_		
D2	700	2150			SAME AS D1	-	-	-	-		
WIND	OWS:				SAME AS D1						
W1	W1 2050 1350 ALUMINIUM FRAMED WINDOW - - - 01 01										
W2	900	1350			SAME AS MD	-	-	-	-		
W3	830	1200			SAME AS MD	-	-	-	-		



REF.	п	ESCRIPTION		DATE	SIGN					
	R	EVISIO	NS							
SUB	CENTRE HO	SPITAL								
AT I	BHALLAD,	SIRMOU	R, HP							
PLA	PLAN - EXISTING CIVIL DRAWING									
HEA	ALTH WE	LNESS	CENTER							
			CARE LTD							
DRAW	N Bhuvan	JOB NO	DATE	22.01.2	:018					
CHECK	KED	929	SCALE	1:100						
ı										

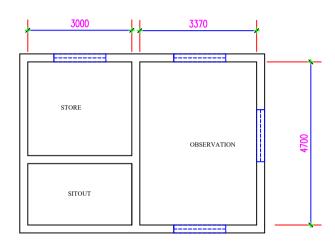


SC	SCHEDULE FOR DOORS, WINDOWS & VENTILATORS											
7,05	OPENIN	ig size	CASEME	nt size	DESCRIPTION	ST FLOOR	GROUND FLOOR	SECOND FLOOR	AL			
TYPE	WIDTH	HEIGHT	WIDTH	HEIGHT		FIRST	GRC	SEC	TOTAL			
DOOF	RS:											
D1	1000	2150			WOODEN FRAMED DOOR	_	-	01	01			
D2	900	2150			SAME AS D1	_	-	_	-			
D2	700	2150			SAME AS D1	_	-	_	_			
WIND	OWS:				SAME AS D1							
W1	W1 2050 1350				ALUMINIUM FRAMED WINDOW	-	-	01	01			
W2	900	1350			SAME AS MD	-	-	-	-			
W3	830	1200			SAME AS MD	-	-	-	-			



REF.	D	ESCRIPTION		DATE	SIGN				
	RI	EVISIO	N S						
	CENTRE HOS BHALLAD,		R, HP						
PLAN - PROPOSED CIVIL DRAWING									
HEALTH WELNESS CENTER									
H L L LIFE CARE LTD. (A Government of India Enterprise)									
DRAW:	N Bhuvan	JOB NO	DATE	22.01.2	018				
CHECK	CHECKED 930 SCALE 1:100								
DWG NO HLL-HP-RHU-BSR-DR-1									

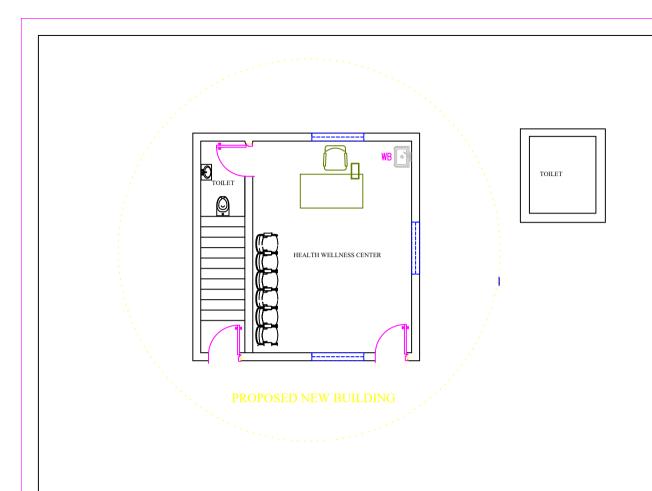


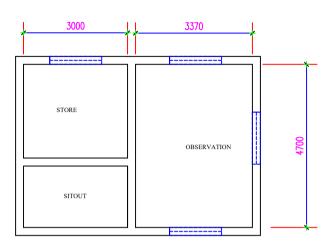


SC	SCHEDULE FOR DOORS, WINDOWS & VENTILATORS										
	OPENIN	OPENING SIZE CASEMENT SIZ		INT SIZE	DESCRIPTION		GROUND FLOOR	SECOND FLOOR	AL.		
ITPE	TYPE WIDTH HEIGHT WIDTH HEIGHT		HEIGHT	2233 1.0.1		GRC	SEC	TOTAL			
DOOF	RS:										
D1	1000	2150			WOODEN FRAMED DOOR	_	_	01	01		
D2	900	2150			SAME AS D1	_	-	_	_		
D2	700	2150			SAME AS D1	-	-	-	_		
WIND	00WS:				SAME AS D1						
W1	2050	1350			ALUMINIUM FRAMED WINDOW	-	_	01	01		
W2	900	1350			SAME AS MD	-	-	-	-		
W3	830	1200			SAME AS MD	-	-	-	-		



REF.		D	ESCRIPTION		DATE	SIGN				
		R I	EVISIO	NS						
1	CENTRI CHEMI		SPITAL JI, <mark>SIRM</mark> O	OUR, HP						
PLA	PLAN - EXISTING CIVIL DRAWING									
HEA	HEALTH WELNESS CENTER									
	H L L LIFE CARE LTD. (A Government of India Enterprise)									
DRAW	N Bhu	van	JOB NO	DATE	22.01.2	018				
CHECK	ŒD		931	SCALE	1:100					
DWG N	O HLL	-HP-RH	U-BSR-DR-1							



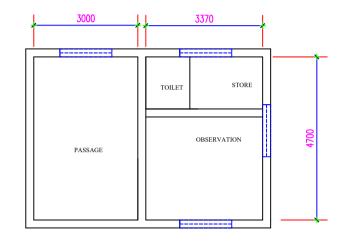


SAME AS MD

DIMENSION: MM



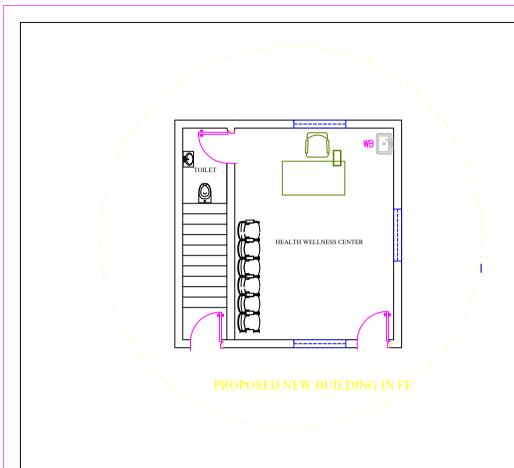
REF. DESCRIPTION DATE SIGN REVISIONS SUBCENTRE HOSPITAL AT CHEMMANJI, SIRMOUR, HP PLAN - PROPOSED CIVIL DRAWING HEALTH WELNESS CENTER HLL LIFE CARE LTD. (A Government of India Enterprise) DRAWN Bhuvan JOB NO DATE 22.01.2018 CHECKED 932 SCALE 1:100 DWG NO HLL-HP-RHU-BSR-DR-1

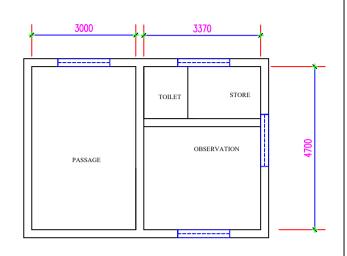


SC	SCHEDULE FOR DOORS, WINDOWS & VENTILATORS										
TVDE	OPENING SIZE CASEMENT SIZE		nt size	DESCRIPTION		GROUND FLOOR	SECOND FLOOR	JY.			
TYPE	WIDTH	HEIGHT	WIDTH	HEIGHT		FIRST	GR	SE	TOTAL		
DOOF	OORS:										
D1	1000	2150			WOODEN FRAMED DOOR	_	-	01	01		
D2	900	2150			SAME AS D1	_	-	_	_		
D2	700	2150			SAME AS D1	_	-	_	-		
WINE	OOWS:				SAME AS D1						
W1	2050	1350			ALUMINIUM FRAMED WINDOW	-	-	01	01		
W2	900	1350			SAME AS MD	-	-	-	-		
W3	830	1200			SAME AS MD	-	-	-	-		



REF.		D	ESCRIPTION		DATE	SIGN				
		R I	EVISIO	NS						
		NTRE HOS RO DEV		RMOUR, H	P					
PLA	١N	- EXIS	TING CI	IVIL DRA	WING	j				
HEA	HEALTH WELNESS CENTER									
	HLL LIFE CARE LTD. (A Government of India Enterprise)									
DRAW	N	Bhuvan	JOB NO	DATE	22.01.2	2018				
CHECK	ŒD		933	SCALE	1:100					
DWG N	10	HLL-HP-RH	U-BSR-DR-1							

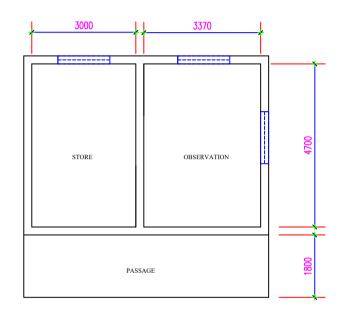




| SCHEDULE FOR DOORS, WINDOWS & VENTILATORS | OPENING SIZE | CASEMENT SIZE | DESCRIPTION | DESCRIPTI



	SU	BMISSI	ON COP	Y					
REF.	D	ESCRIPTION		DATE	SIGN				
	RI	EVISIO	NS						
SUB	CENTRE HOS	SPITAL							
AT DERO DEVARIA, SIRMOUR, HP									
PLAN - PROPOSED CIVIL DRAWING									
HEA	ALTH WE	LNESS	CENTER						
H L L LIFE CARE LTD. (A Government of India Enterprise)									
DRAW	N Bhuvan	JOB NO	DATE	22.01.2	018				
CHECK	ŒD	934	SCALE	1:100					
DWG N	IO HLL-HP-RH	U-BSR-DR-1							



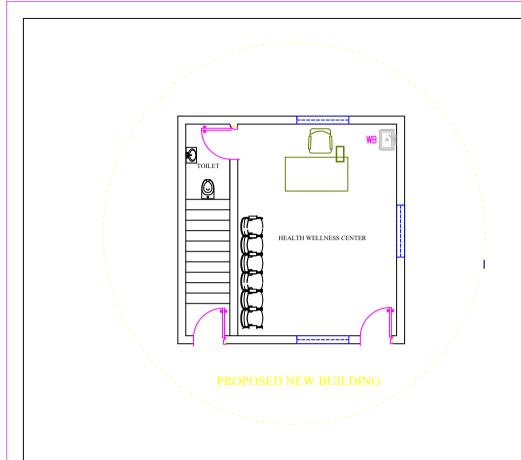
SC	SCHEDULE FOR DOORS, WINDOWS & VENTILATORS									
	OPENING SIZE CASEMENT SIZE WIDTH HEIGHT WIDTH HEIGHT		ING SIZE CASEMENT SIZE		DESCRIPTION		GROUND FLOOR	SECOND FLOOR	AL	
IYPE			HEIGHT	GRC			SEC	TOTAL		
DOOF	DOORS:									
D1	1000	2150			WOODEN FRAMED DOOR	_	_	01	01	
D2	900	2150			SAME AS D1	_	-	_	_	
D2	700	2150			SAME AS D1	-	-	-	_	
WIND	00WS:				SAME AS D1					
W1	2050	1350			ALUMINIUM FRAMED WINDOW	-	-	01	01	
W2	900	1350			SAME AS MD	-	-	-	-	
W3	830	1200			SAME AS MD	-	-	-	-	

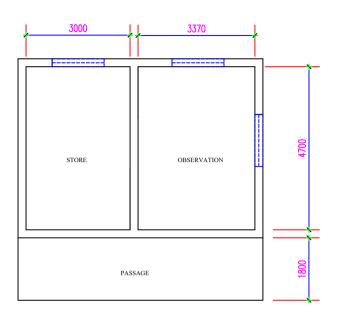


REF.	DESCRIPTION	DATE	SIGN				
	REVISIONS						
1	CENTRE HOSPITAL KOTLA PANCHOLA, SIRMOUI	R, HP					
PLA	PLAN - EXISTING CIVIL DRAWING						
HE	HEALTH WELNESS CENTER						



DRAWN	Bhuvan	JOB NO	DATE	22.01.2018	
CHECKED		935	SCALE	1:100	
DWG NO	HLL-HP-RH	U-BSR-DR-1			

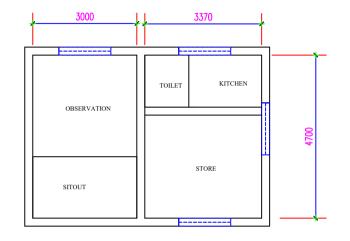




DIMENSION: MM



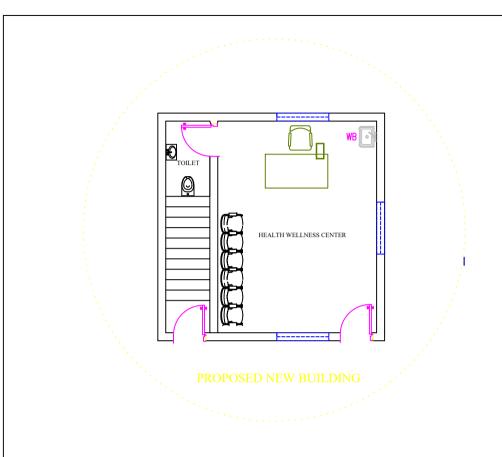
REF. DESCRIPTION DATE SIGN REVISIONS SUBCENTRE HOSPITAL AT KOTLA PANCHOLA, SIRMOUR, HP PLAN - PROPOSED CIVIL DRAWING HEALTH WELNESS CENTER H L L LIFE CARE LTD. (A Government of India Enterprise) DRAWN Bhuvan JOB NO DATE 22.01.2018 CHECKED 936 SCALE 1:100 DWG NO HLL-HP-RHU-BSR-DR-1

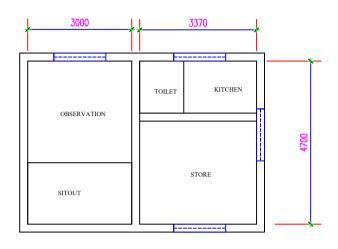


SC	SCHEDULE FOR DOORS,WINDOWS & VENTILATORS										
7,05	OPENIN	ig size	CASEME	ENT SIZE	DESCRIPTION		GROUND FLOOR	SECOND FLOOR	AL		
TYPE	WIDTH	HEIGHT	WIDTH	HEIGHT		FIRST	GRC	SEC	TOTAL		
DOOF	OORS:										
D1	1000	2150			WOODEN FRAMED DOOR	_	-	01	01		
D2	900	2150			SAME AS D1	_	-	_	-		
D2	700	2150			SAME AS D1	_	-	_	-		
WIND	OWS:				SAME AS D1						
W1	2050	1350			ALUMINIUM FRAMED WINDOW	-	-	01	01		
W2	900	1350			SAME AS MD	-	-	-	-		
W3	830	1200			SAME AS MD	-	-	-	-		



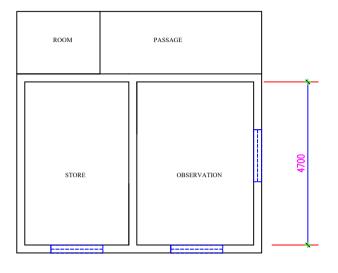
REF.	D	ESCRIPTION		DATE	SIGN					
	R	EVISIO	NS							
	CENTRE HO		MOUR, HI	P						
PLA	N - EXIS	TING CI	VIL DRA	WING	ì					
HEA	HEALTH WELNESS CENTER									
H L L LIFE CARE LTD. (A Government of India Enterprise)										
DRAW	N Bhuvan	JOB NO	DATE	22.01.2	2018					
CHECK	ŒD	941	SCALE	1:100						
DWG N	O HLL-HP-RF	IU-BSR-DR-1								







	SU	BMISSI	ON COP	Y							
REF.	D	ESCRIPTION		DATE	SIGN						
	RI	EVISIO	NS								
SUB	CENTRE HOS	SPITAL									
AT I	AT LANA MASHUR, SIRMOUR, HP										
PLAN - PROPOSED CIVIL DRAWING											
HEA	HEALTH WELNESS CENTER										
			CARE LTD								
			India Enterprise								
DRAW	N Bhuvan	JOB NO	DATE	22.01.2	2018						
CHECK	ŒD	942	SCALE	1:100							
DWG N	IO HLL-HP-RH	U-BSR-DR-1									



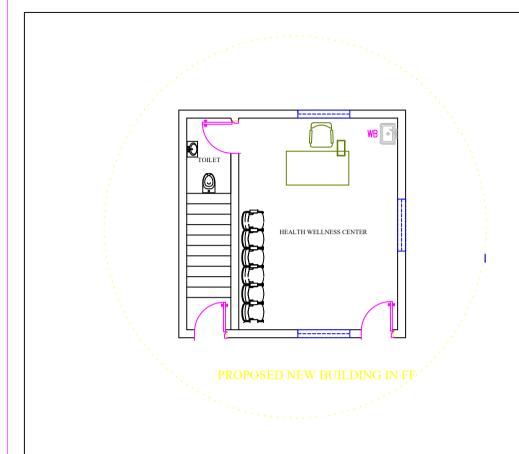
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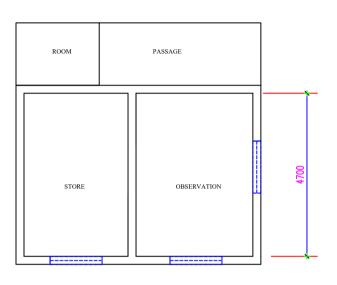
SC	SCHEDULE FOR DOORS,WINDOWS & VENTILATORS											
OPENING SIZE		ig size	CASEMENT SIZE		DESCRIPTION	ST FLOOR	GROUND FLOOR	SECOND FLOOR	Ą			
IYPE	WIDTH	HEIGHT	WIDTH	HEIGHT		FIRST	8	SS	TOTAL			
DOOF	DOORS:											
D1	1000	2150			WOODEN FRAMED DOOR	_	-	01	01			
D2	900	2150			SAME AS D1	_	-	_	-			
D2	700	2150			SAME AS D1	-	-	-	_			
WIND	00WS:				SAME AS D1							
W1	2050	1350			ALUMINIUM FRAMED WINDOW	-	_	01	01			
W2	900	1350			SAME AS MD	-	-	-	-			
W3	830	1200			SAME AS MD	-	-	-	-			

DIMENSION: MM



REF.		D	ESCRIPTION		DATE	SIGN		
REVISIONS								
SUBCENTRE HOSPITAL AT LANA PALLAR, SIRMOUR, HP								
PLAN - EXISTING CIVIL DRAWING								
HEALTH WELNESS CENTER								
H L L LIFE CARE LTD. (A Government of India Enterprise)								
DRAW:	N	Bhuvan	JOB NO	DATE	22.01.2	018		
CHECK	ŒD		937	SCALE	1:100			
DWG N	G NO HLL-HP-RHU-BSR-DR-1							





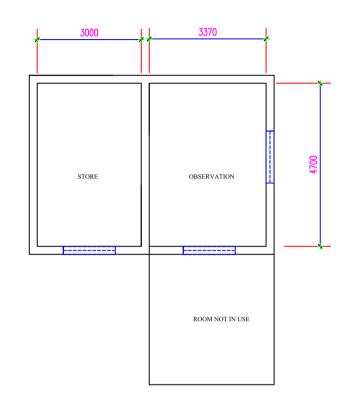
PASSAGE

SCHEDULE FOR DOORS, WINDOWS & VENTILATORS									
	OPENING SIZE		CASEMENT SIZE		DESCRIPTION	ST FLOOR	GROUND FLOOR	SECOND FLOOR	H.
TYPE	WIDTH	HEIGHT	WIDTH	HEIGHT	DESCRIPTION	FIRST	GRC	SEC	TOTAL
DOOF	RS:								
D1	1000	2150			WOODEN FRAMED DOOR	_	_	01	01
D2	900	2150			SAME AS D1	_	-	_	-
D2	700	2150			SAME AS D1	-	-	-	-
WIND	OWS:				SAME AS D1				
W1	2050	1350			ALUMINIUM FRAMED WINDOW	-	-	01	01
W2	900	1350			SAME AS MD	-	-	-	-
W3	830	1200			SAME AS MD	-	-	-	-

DIMENSION: MM



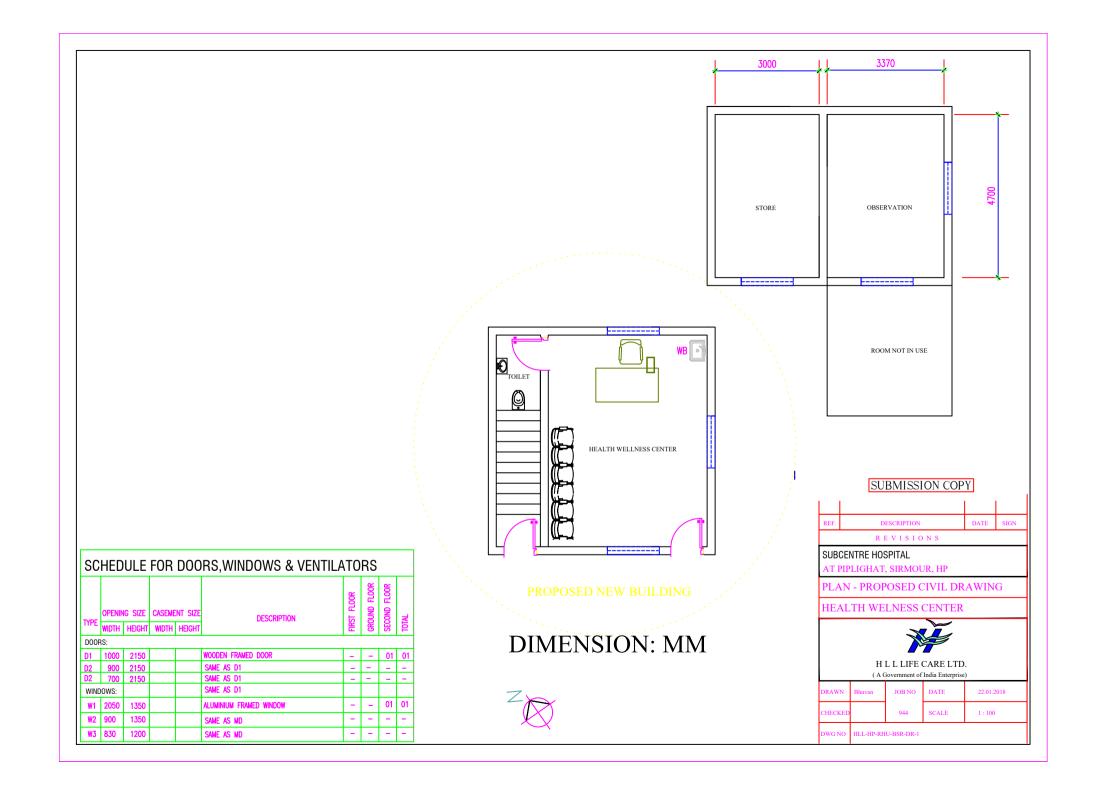
REF.	D	DESCRIPTION							
	REVISIONS								
SUBCENTRE HOSPITAL									
AT LANA PALLAR, SIRMOUR, HP									
PLA	PLAN - PROPOSED CIVIL DRAWING								
HEA	HEALTH WELNESS CENTER								
H L L LIFE CARE LTD. (A Government of India Enterprise)									
DRAW:	N Bhuvan	JOB NO	DATE	22.01.2	018				
CHECK	ŒD	938	SCALE	1:100					
DWG N	IO HLL-HP-RH	O HLL-HP-RHU-BSR-DR-I							

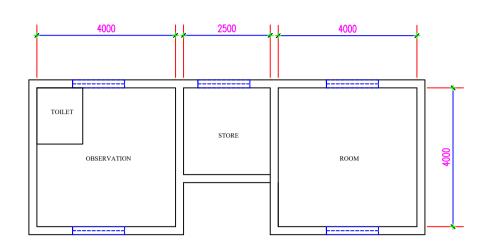


DIMENSION: MM



REF.		D	ESCRIPTION		DATE	SIGN				
	REVISIONS									
SUB	SUBCENTRE HOSPITAL									
AT I	AT PIPLIGHAT, SIRMOUR, HP									
PLA	PLAN - EXISTING CIVIL DRAWING									
HEA	HEALTH WELNESS CENTER									
H L L LIFE CARE LTD. (A Government of India Enterprise)										
DRAW										
	_		115110							





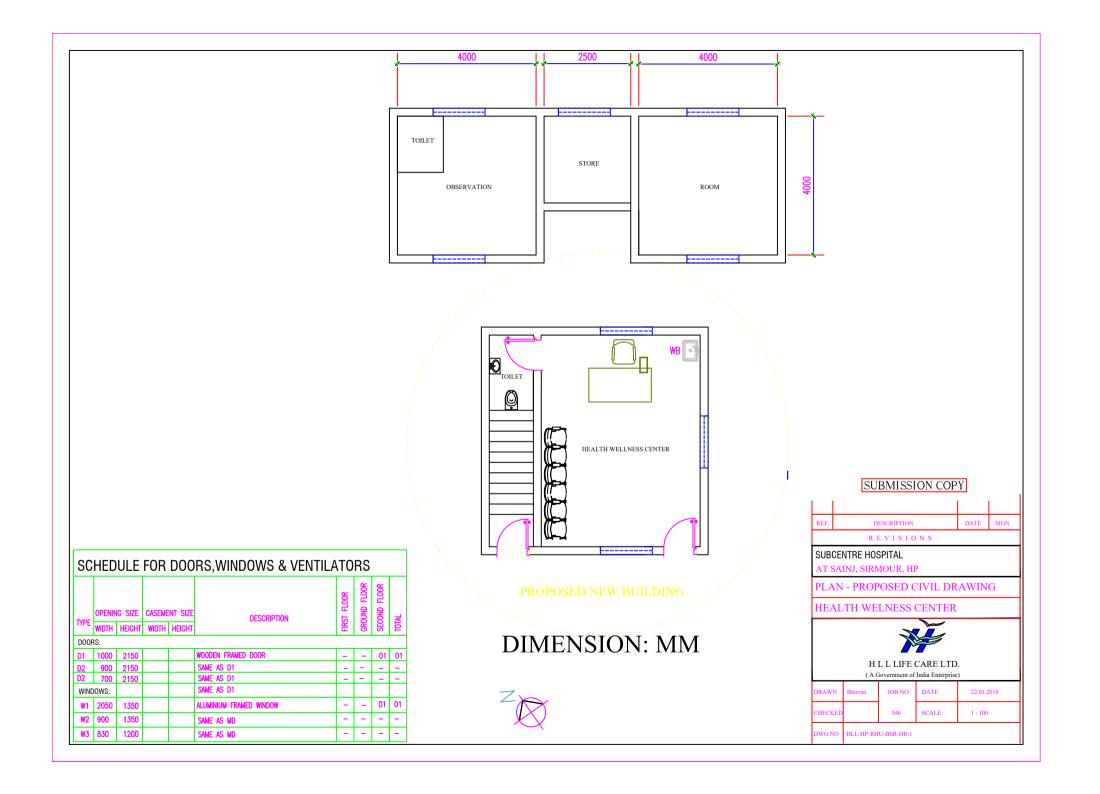
DIMENSION: MM

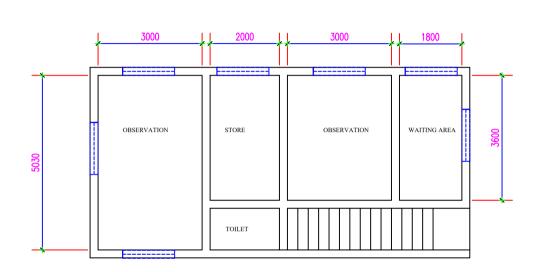


SUBMISSION COPY

REF.	п	ESCRIPTION		DATE	SIGN					
	R	EVISIO	NS							
1	CENTRE HO SAINJ, SIRI		P							
PLA	PLAN - EXISTING CIVIL DRAWING									
HEA	HEALTH WELNESS CENTER									
	H L L LIFE CARE LTD. (A Government of India Enterprise)									
DRAW	N Bhuvan	JOB NO	DATE	22.01.2	018					
CHECK	ŒD	945	SCALE	1:100						

DWG NO HLL-HP-RHU-BSR-DR-1

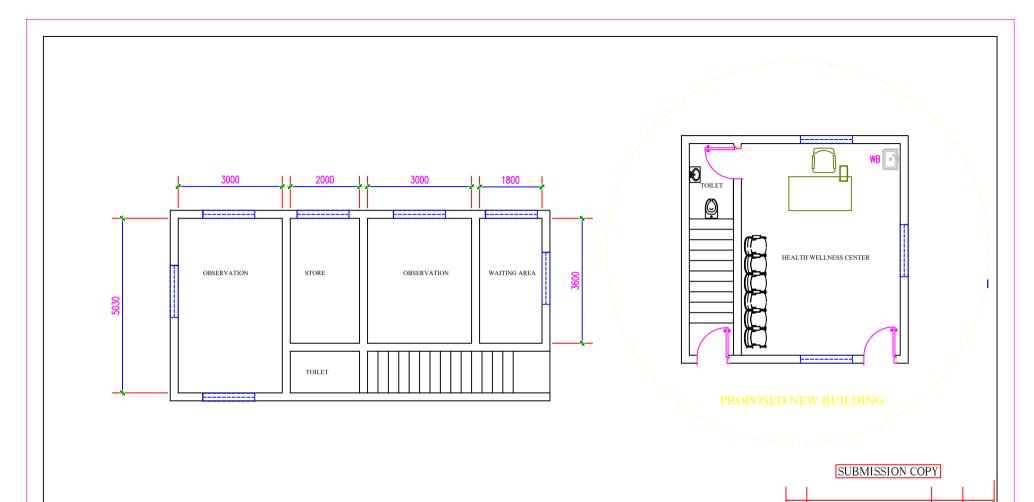




SC	SCHEDULE FOR DOORS,WINDOWS & VENTILATORS											
77/05	OPENING SIZE CASEMENT SIZE		NT SIZE	DESCRIPTION	ST FLOOR	GROUND FLOOR	SECOND FLOOR	NL.				
TYPE	WIDTH	HEIGHT	WIDTH	HEIGHT		FIRST	GRC	SEC	TOTAL			
DOOF	RS:											
D1	1000	2150			WOODEN FRAMED DOOR	_	_	01	01			
D2	900	2150			SAME AS D1	_	-	_	_			
D2	700	2150			SAME AS D1	-	-	-	_			
WIND	OWS:				SAME AS D1							
W1	2050	1350			ALUMINIUM FRAMED WINDOW	-	-	01	01			
W2	900	1350			SAME AS MD	-	-	-	-			
W3	830	1200			SAME AS MD	-	-	-	-			



REF.		D	ESCRIPTION		DATE	SIGN						
		R I	EVISIO	NS								
		RE HOS	SPITAL RMOUR,	НР								
_	PLAN - EXISTING CIVIL DRAWING											
HEA	HEALTH WELNESS CENTER											
H L L LIFE CARE LTD. (A Government of India Enterprise)												
DRAW	N B	lhuvan	JOB NO	DATE	22.01.2	018						
CHECK	ŒD		947	SCALE	1:100							
DWGN	ло н	T I _HP_PH	II_RSP_DP_1									



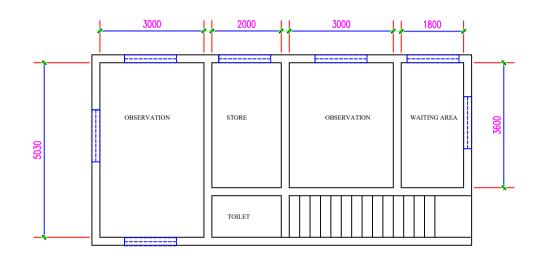
SC	SCHEDULE FOR DOORS, WINDOWS & VENTILATORS											
TVDE	OPENIN	ig size	IZE CASEMENT SIZE		DESCRIPTION	FIRST FLOOR	GROUND FLOOR	SECOND FLOOR	AL.			
TYPE	WIDTH	HEIGHT	WIDTH	HEIGHT		Æ	GRC	SEC	TOTAL			
DOOF	RS:											
D1	1000	2150			WOODEN FRAMED DOOR	_	_	01	01			
D2	900	2150			SAME AS D1	_	-	_	_			
D2	700	2150			SAME AS D1	-	-	-	-			
WIND	OWS:				SAME AS D1							
W1	2050	1350			ALUMINIUM FRAMED WINDOW	-	-	01	01			
W2	900	1350			SAME AS MD	-	-	-	-			
W3	830	1200			SAME AS MD	-	-	-	-			



REF DESCRIPTION DATE SIGN R E V I S I O N S SUBCENTRE HOSPITAL AT SARSOO, SIRMOUR, HP PLAN - PROPOSED CIVIL DRAWING HEALTH WELNESS CENTER H L L LIFE CARE LTD. (A Government of India Enterprise)

HLL-HP-RHU-BSR-DR-1

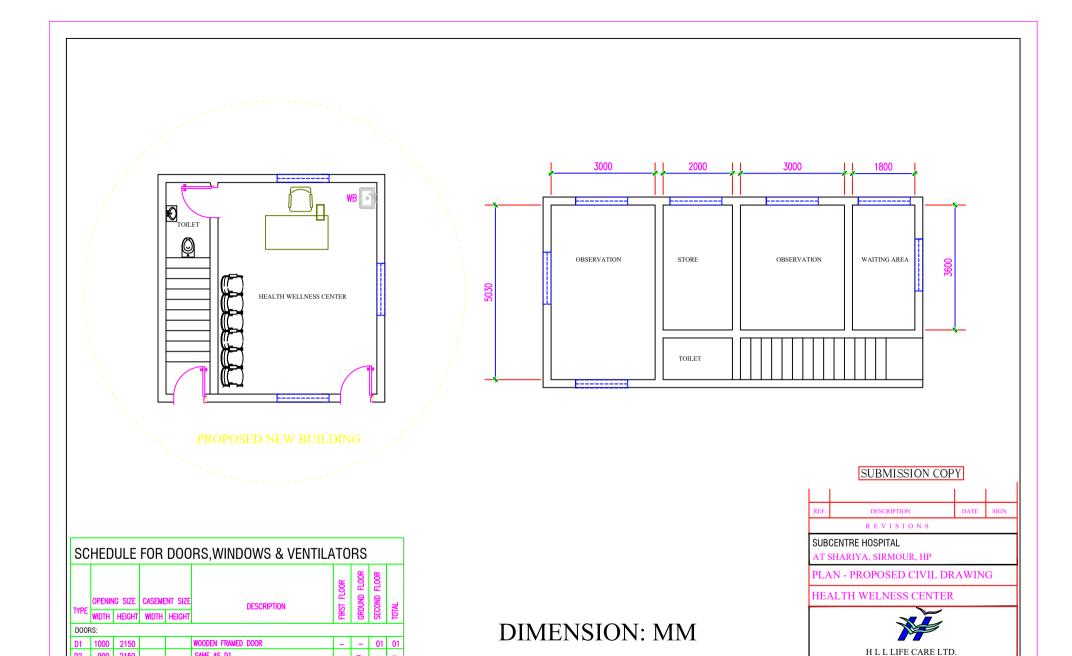
22.01.2018



SC	SCHEDULE FOR DOORS, WINDOWS & VENTILATORS											
TVDE	OPENING SIZE CASEMENT SIZE		NT SIZE	DESCRIPTION		GROUND FLOOR	SECOND FLOOR	AL				
TYPE	WIDTH	HEIGHT	WIDTH	HEIGHT		FIRST	GRC	SEC	TOTAL			
DOOF	RS:											
D1	1000	2150			WOODEN FRAMED DOOR	_	_	01	01			
D2	900	2150			SAME AS D1	-	-	-	_			
D2	700	2150			SAME AS D1	_	-	_	_			
WIND	OWS:				SAME AS D1							
W1	2050	1350			ALUMINIUM FRAMED WINDOW	-	_	01	01			
W2	900	1350			SAME AS MD	-	-	-	-			
W3	830	1200			SAME AS MD	-	-	-	-			



REF.	D	ESCRIPTION		DATE	SIGN						
	R	EVISIO	NS								
	ENTRE HO		R, HP								
PLAN - EXISTING CIVIL DRAWING											
HEA	HEALTH WELNESS CENTER										
H L L LIFE CARE LTD. (A Government of India Enterprise)											
DRAWN	Bhuvan	JOB NO	DATE	22.01.2	2018						
CHECK	ED	953	SCALE	1:100							
DWG N	O HIJ-HP-RE	IU-BSR-DR-1									



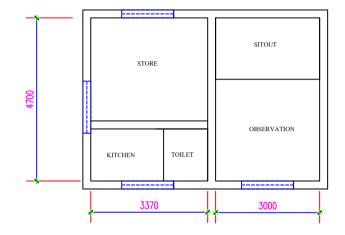
SAME AS D1

ALUMINIUM FRAMED WINDOW
SAME AS MD
SAME AS MD

WINDOWS:

(A Government of India Enterprise)

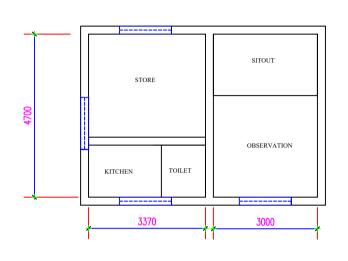
HLL-HP-RHU-BSR-DR-1

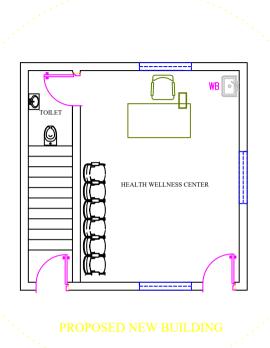


SC	SCHEDULE FOR DOORS,WINDOWS & VENTILATORS											
	OPENING SIZE CASEMENT SIZE		INT SIZE	DESCRIPTION		GROUND FLOOR	SECOND FLOOR	AL				
TYPE	WIDTH	HEIGHT	WIDTH	HEIGHT	DESCRIPTION		98	SS	TOTAL			
DOOF	RS:											
D1	1000	2150			WOODEN FRAMED DOOR	_	-	01	01			
D2	900	2150			SAME AS D1	_	-	_	-			
D2	700	2150			SAME AS D1	-	-	-	_			
WIND	OWS:				SAME AS D1							
W1	2050	1350			ALUMINIUM FRAMED WINDOW	-	_	01	01			
W2	900	1350			SAME AS MD	-	-	-	-			
W3	830	1200			SAME AS MD	-	-	-	-			



REF.	п	ESCRIPTION		DATE	SIGN						
	R	EVISIO	NS								
1	CENTRE HO		UR, HP								
PLA	PLAN - EXISTING CIVIL DRAWING										
HEA	HEALTH WELNESS CENTER										
	H L L LIFE CARE LTD. (A Government of India Enterprise)										
DRAW	N Bhuvan	JOB NO	DATE	22.01.2	2018						
CHECK	ŒD	949	SCALE	1:100							
DWG N	O HILL-HP-PH	III.RSP_DP_1									





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DESCRIPTION REVISIONS HOSPITAL

GA, SIRMOUR, HP

OPOSED CIVIL DRAWING

WELNESS CENTER



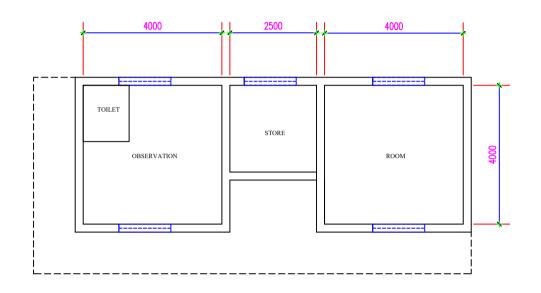
(A Government of India Enterprise)

DRAWN	Bhuvan	JOB NO	DATE	22.01.2018
CHECKED		950	SCALE	1:100
DWG NO	HLL-HP-RH	U-BSR-DR-1		

SCHEDULE FOR DOORS, WINDOWS & VENTILATORS OPENING SIZE CASEMENT SIZE DESCRIPTION DOORS: WOODEN FRAMED DOOR SAME AS D1 WINDOWS: ALUMINIUM FRAMED WINDOW SAME AS MD SAME AS MD

DIMENSION: MM

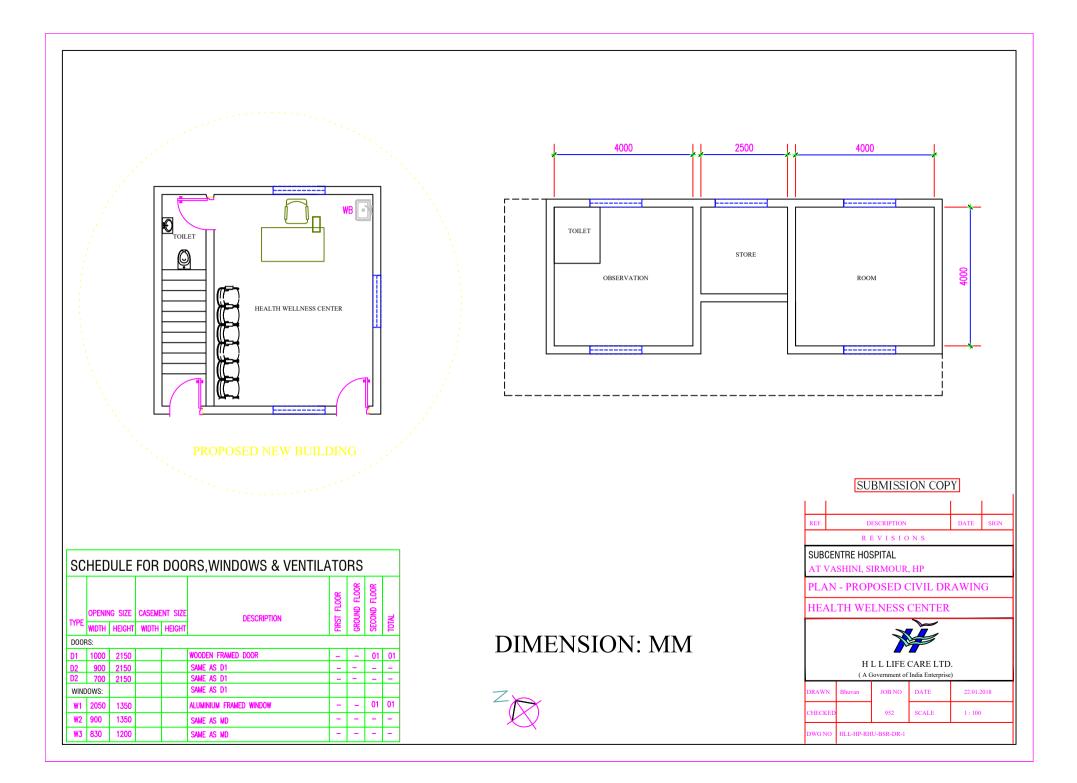




SC	SCHEDULE FOR DOORS, WINDOWS & VENTILATORS											
7,05	OPENIN	PENING SIZE CASEMENT SIZE		NT SIZE	DESCRIPTION		GROUND FLOOR	SECOND FLOOR	AL.			
TYPE	WIDTH	HEIGHT	WIDTH	HEIGHT		FIRST	GRC	SEC	TOTAL			
DOOF	DOORS:											
D1	1000	2150			WOODEN FRAMED DOOR	_	_	01	01			
D2	900	2150			SAME AS D1	_	-	_	-			
D2	700	2150			SAME AS D1	-	-	-	_			
WIND	OWS:				SAME AS D1							
W1	2050	1350			ALUMINIUM FRAMED WINDOW	-	-	01	01			
W2	900	1350			SAME AS MD	-	-	-	-			
W3	830	1200			SAME AS MD	-	-	-	-			



REF.	D	ESCRIPTION		DATE	SIGN							
	R	EVISIO	NS									
	NTRE HOS		, HP									
PLAN - EXISTING CIVIL DRAWING												
HEAI	HEALTH WELNESS CENTER											
H L L LIFE CARE LTD. (A Government of India Enterprise)												
DRAWN	Bhuvan	JOB NO	DATE	22.01.2	2018							
CHECKE	D	951	SCALE	1:100								
DWG NO	HLL-HP-RH	III_RSR_DR_1										



SCHEDULE VII

LIST OF LOCATIONS

SCHEDULE - VII

SI NO	NAME OF LOCATION
1	DARNU
2	GUNEHAR
3	KANARTHU
4	KAND
5	MADEHAR
6	PANJALA
7	SEHAL
8	SHEILA
9	SIDHBARI
10	SUKKA
11	TARA
12	DADRI
13	BHALLAD
14	CHAMENJI
15	DARO DEVARIYA
16	KOTLA PANJOLA
17	LANA MASHURI
18	LANA PALLAR
19	PIPLIGHAT
20	SAINJ
21	SARSOO
22	TIRMALGA
23	VASHINI
24	SHARIYA