TENDER DOCUMENT

CIVIL AND ELECTRICAL WORKS FOR THE RENOVATION AND UPGRADATION OF PRIMARY HEALTH CENTRES AND SUB CENTRES INTO HEALTH & WELLNESS CENTRE

<u>AT</u> 9 LOCATIONS IN JIND DISTRICT, HARYANA STATE



PROJECTS DIVISION HLL Lifecare Limited

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

November 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)

IFBNo: HLL/CHO/PROJ/HCD/HR-H&WC/C&E/2018-19/07

Date: 16-11-2018

HLL Lifecare Limited (HLL), a Government of India Enterprise is in the process of upgradation of Primary Health centres and Sub centres into Health & Wellness Centres at 9 locations in Jind District at the state of Haryana. 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 ourtender.

SI. No	Brief Description of Item/Work	Qty	EMD in Rs
1	Civil & Electrical works for the renovation & upgradation of Primary Health centres and Sub centres into Health & Wellness Centres at Jind District as per Schedule of work enclosed.	As per Schedule V	Rs 1,15,000/-

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.
- b. Bidders, for Health & Wellness centre, should have experience of having successfully completed within a period of last 3 years ending 31/10/2018 at least
 - i. One Civil & Electrical work of value not less than Rs 61 Lakhs

Or

ii. Two Civil & Electrical works, each of value not less than Rs 46 Lakhs

Or

iii. Three Civil & Electrical works, each of value not less than Rs 30Lakhs

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 ending31/10/2018.

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 shall quote for all the Schedules as per the Schedule V. The work shall be awarded to the Qualified bidder, who quotes the lowest amount for the corresponding Wellness Centre/s in total. If the bidder fails to quote for any of the schedule in the tender then their bid will be treated as non-responsive.
- 3. The scheduled date for issue, receipt and opening of bids is asfollows.

a) Date of issue oftender document - 16.-11-2018 onwards

b) Last date and time for receipt of bids - up to 03-12-2018 15.00Hrs.

c) Date and time of opening bids - 03-12-2018, 15.30Hrs.

d) Address for communication, receipt and place of opening ofbids:

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.
- 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 9 locations)
 - 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 (9 locations)

Schedule VI - Drawings

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 9 locations).

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/Equipment wellness centre or charges, conveyance to site, handling charges, loading and unloading charges, hiring charges, clearing of debris, statutory payments etc.

4) COMPLETIONTIME

Time is the essence of the Contract. The total time allotted for completion of works in all respects for all the sites is 4 Weeks 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 State In charge (P&S, HLL) and approved by Project Engineer (P&S, HLL)/ Manager (P&S, HLL).
- b) Balance 50% will be paid along with the final bill only after submission of Work Completion certificate issued by the concerned hospital and approved by Project Engineer (P&S, HLL)/ Manager (P&S, HLL).

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 State In Charge (P&S, HLL) and the Contractor 's representative, counter signed by Project Engineer (P&S, HLL)/ Manager (P&S, HLL). The work completion certificate will be issued by the concerned centres/hospitals and it is the responsibility of the contractor to collect the completion certificate certified by the concerned hospital authority & HLL authorities and submit to HLL for balance 50% payment

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 State in charge (P&S, HLL) 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) **SECURITYDEPOSIT**

On receipt of notification of award, simultaneously with the execution of the contract, successful bidder shall furnish a Security deposit in the form of a Demand Draft from a nationalized bank drawn in favour of HLL Lifecare Limited, Thiruvananthapuram payable at Thiruvananthapuram or a Bank Guarantee from a nationalized 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.

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.

The EMD submitted by the successful bidder shall be converted to Security Deposit and the bidder shall be allowed to remit the balance amount.

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.

Forfeiture of Security Deposit:

If the successful bidder/ Contractor fails to supply the ordered material at the rate finalized or execute the work and / or supplies only part quantity / partially execute the work or fails to comply with the terms and conditions of the purchase order / work order the security deposit furnished will be forfeited / Bank Guarantee encashed..

7) EARNESTMONEY

Each bid must be accompanied by E.M.D.

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.

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

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) INDEMNIFICATIONCLAUSE

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)EmployeesStateInsuranceAct,1948,(c)MinimumWagesAct,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.

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9) DEFECT LIABILITYPERIOD:

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) FORCEMAJEURE

- 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

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.

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 FORDELAYS

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 day of delay, subject to a maximum of 10 % 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

- 1. The bidder shall visit the site before quoting for the work and also take their own assessments before quoting ofbids.
- 2. The bidders shall quote for all the locations& all schedules in the tender document as per the Schedule V 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 in total. If the bidder fails to quote any of the schedule in the tender then their bid will be treated as non responsive.
- 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.
- 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.
- 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.
- 6. Arithmetical errors will be rectified on the following basis. If there is a discrepancy betweentheunitpriceandthetotalpricethatisobtainedbymultiplyingtheunit

HLL LIFECARE LIMITED

- i. 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.
- 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.
- 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.
- 9. The Owner reserves the right to negotiate with the lowest evaluated responsive bidder.
- 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.
- 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.
- 12. The signed acceptance of the notification of award by the Contractor will constitute a concluded contract.
- 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.
- 14. During the execution of work, the contractor or authorized representative should be present atsite.
- 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.
- 16. The materials used shall be as per specification and of good quality.
- 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.
- 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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- i. For all finishing jobs samples should be approved from the Purchaser/Owner before completely executing the work.
- 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.
- 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.
- 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.
- 22. The Contractor shall make initial drawings/layouts (as per site conditions) and get it approved by HLL before execution.
- 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.
- 24. The Contractor shall have to co-operate with the agencies executing other works in the same area.
- 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.

26. Measurement & Payment terms:

- i. 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.
- 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

- i. of Rates and in case, the item is not included in the CPWD schedule, the rate shall be arrived as per prevailing Market rates.
- 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.
- 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.
- 30. During the execution of work, the contractor or authorized representative/s at least one person having technical qualification should be present at site.
- 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.

32. Electrical

- i. The work shall be carried out by a contractor holding valid license 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.
- 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 OFDISPUTES

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.

SCHEDULEII

ACCEPTANCEFORM

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

From

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: 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 (4 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 Remarks been placed by Order and quantity indicating satisfactorily Value No. of ordered completed? (Full reasons of order Address of and work and for delay, Company / Date service As per ifany (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.....

SCHEDULE V

RENOVATION OF CIVIL & ELECTRICAL WORKS FOR UPGRADATION OF PRIMARY HEALTH CENTRES AND SUB CENTRES AT JIND DISTRICT IN THE STATE OF HARYANA

ABSTRACT PRICE BID

Site. No.	Location	Details	Amount Quoted (Rs)
		Total Civil and Electrical Work	
1	PHC Dhamthan Sahib	GST @ 18 %	
		Sub Total (a)	
		Total Civil and Electrical Work	
2	PHC Alewa	GST@ 18 %	
		Sub Total (b)	
		Total Civil and Electrical Work	
3	PHC Muwana	GST@ 18 %	
		Sub Total (c)	
	PHC Chattar	Total Civil and Electrical Work	
4		GST@ 18 %	
		Sub Total (d)	
		Total Civil and Electrical Work	
5	PHC Dumerkha	GST@ 18 %	
		Sub Total (e)	
		Total Civil and Electrical Work	
6	PHC Gogariya	GST@ 18 %	
		Sub Total (e)	
		Total Civil and Electrical Work	
7	PHC Dariyawala	GST@ 18 %	
		Sub Total (f)	

Site. No.	Location	Details	Amount Quoted (Rs)
		Total Civil and Electrical Work	
8	SC Thua	GST@ 18 %	
		Sub Total (g)	
		Total Civil and Electrical Work	
9	SC Karsindu	GST@ 18 %	
		Sub Total (h)	
Total Rs	s = Sub total (a+b+c+c		

Bidder has to quote as per the Make/Brand specified in the BOQ, proposed to use for the project, and has to marks the Make/Brand in the quote/price schedule.

SEAL OF THE BIDDER Date:

SIGNATURE NAME AND ADDRESS OF BIDDER

1) SCHEDULE OF WORK FOR PUBLIC HEALTH CENTRE AT DHAMTAN SAHIB

Sl.No	Particulars	QTY	UNIT	RATE	AMOUNT
	Civil Work				
MASONI	RY WORK				
1	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level. Cement mortar 1:3 (1 cement :3 coarse sand)	3	M.SQ		
FLOORI	NG				
TLOOKI					
2	Providing and fixing 1st quality ceramic glazed floor tiles conforming to IS: 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	7	M.SQ		
3	Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	51	M.SQ		
PLASTEI 4	15 mm cement plaster on rough side of single or half brick wall finished with a floating coat of neat cement of mix: 1:3 (1 cement: 3 fine sand)	8	M.SQ		
D A TAIMTA					
PAINTIN 5	Distempering with 1st quality acrylic washable distemper (ready made) of approved manufacturer and of required shade and colour complete. as per manufacturer's specification. One or more coats on old work	793	M.SQ		
6	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	26	M.SQ		

Sl.No	Particulars	QTY	UNIT	RATE	AMOUNT
7	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	33	M.SQ		
8	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	248	M.SQ		
9	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	1287	M.SQ		
10	Finishing walls with Acrylic Smooth exterior paint of required shade: Old work (Two or more coat applied @ 1.67 ltr/ 10 sqm) on existing cement paint surface	494	M.SQ		
DISMAN'	TI INC				
11	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.	2	M.CUBE		
12	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.	1	M.CUBE		
13	Dismantling Aluminium partition including disposing the debris away from site as directed by engineer in charge all complete.	4	M.SQ		
14	Dismantling of flushing cistern of all types (C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.	1	ЕАСН		
15	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq. meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per directions of Engineer-In-Charge. With cement mortar 1:4 (1cement: 4 coarse sand)	21	M.SQ		

Particulars	QTY	UNIT	RATE	AMOUNT
Providing and fixing ISI marked flush door shutters conforming to IS: 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters: 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	5	M.SQ		
Renewing glass panes, with wooden fillets wherever necessary: Float glass panes of thickness 4 mm	10	M.SQ		
Providing and applying fibre reinforced elastomeric liquid water proofing membrane with resilient acrylic polymers having Sun Reflectivity Index (SRI) of 105 on top of concrete roof in three coats @10.76 litre/ 10 sqm. One coat of self-priming of elastomeric waterproofing liquid (dilution with water in the ratio of 3:1) and two coats of undiluted elastomeric waterproofing liquid (dry film thickness of complete application/system not less than 500 microns). The operation shall be carried out after scrapping and properly cleaning the surface to remove loose particles with wire brushes, complete in all respect as per the direction of Engineer-in-Charge.	210	M.SQ		
Dismantling Tile Flooring and Walls & Roof and disposing the debris away from site all complete as directed.	42	M.SQ		
DESIGN PRINTED THES				
Providing and laying required size DESIGN PRINTED for display of Logo glazed tiles of printed 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 customized printing at top of the tile all complete as the details given by National Health Mission Haryana / HLL directed. (Kindly refer tender documents for Design details)	8	M.SQ		
	Providing and fixing ISI marked flush door shutters conforming to IS: 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters: 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws Renewing glass panes, with wooden fillets wherever necessary: Float glass panes of thickness 4 mm Providing and applying fibre reinforced elastomeric liquid water proofing membrane with resilient acrylic polymers having Sun Reflectivity Index (SRI) of 105 on top of concrete roof in three coats @10.76 litre/ 10 sqm. One coat of self-priming of elastomeric waterproofing liquid (dilution with water in the ratio of 3:1) and two coats of undiluted elastomeric waterproofing liquid (dry film thickness of complete application/ system not less than 500 microns). The operation shall be carried out after scrapping and properly cleaning the surface to remove loose particles with wire brushes, complete in all respect as per the direction of Engineer-in-Charge. Dismantling Tile Flooring and Walls & Roof and disposing the debris away from site all complete as directed. DESIGN PRINTED TILES Providing and laying required size DESIGN PRINTED for display of Logo glazed tiles of printed 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 customized printing at top of the tile all complete as the details given by National Health Mission Haryana / HLL directed. (Kindly refer tender documents for	Providing and fixing ISI marked flush door shutters conforming to IS: 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters: 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws Renewing glass panes, with wooden fillets wherever necessary: Float glass panes of thickness 4 mm Providing and applying fibre reinforced elastomeric liquid water proofing membrane with resilient acrylic polymers having Sun Reflectivity Index (SRI) of 105 on top of concrete roof in three coats @10.76 litre/ 10 sqm. One coat of self-priming of elastomeric waterproofing liquid (dilution with water in the ratio of 3:1) and two coats of undiluted elastomeric waterproofing liquid (dilution with water in the ratio of 3:1) and two coats of undiluted elastomeric waterproofing liquid (dily film thickness of complete application/ system not less than 500 microns). The operation shall be carried out after scrapping and properly cleaning the surface to remove loose particles with wire brushes, complete in all respect as per the direction of Engineer-in-Charge. Dismantling Tile Flooring and Walls & Roof and disposing the debris away from site all complete as directed. DESIGN PRINTED TILES Providing and laying required size DESIGN PRINTED for display of Logo glazed tiles of printed 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 customized printing at top of the tile all complete as the details given by National Health Mission Haryana / HLL directed. (Kindly refer tender documents for	Providing and fixing ISI marked flush door shutters conforming to IS: 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters: 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws Renewing glass panes, with wooden fillets wherever necessary: Float glass panes of thickness 4 mm Providing and applying fibre reinforced elastomeric liquid water proofing membrane with resilient acrylic polymers having Sun Reflectivity Index (SRI) of 105 on top of concrete roof in three coats @10.76 litre/ 10 sqm. One coat of self-priming of elastomeric waterproofing liquid (dilution with water in the ratio of 3:1) and two coats of undiluted elastomeric waterproofing liquid (dilution with water in the ratio of 3:1) and two coats of undiluted elastomeric waterproofing liquid (dilution with water in the ratio of 3:1) and two coats of undiluted elastomeric waterproofing liquid (dilution with water in the ratio of 3:1) and two coats of undiluted elastomeric waterproofing liquid (dilution with water in the ratio of 3:1) and two coats of undiluted elastomeric waterproofing liquid (dilution with water in the ratio of 3:1) and two coats of undiluted elastomeric waterproofing liquid (dilution with water in the ratio of 3:1) and two coats of undiluted elastomeric waterproofing with wire brushes, complete and properly cleaning the surface to remove loose particles with wire brushes, complete in all respect as per the direction of Engineer-in-Charge. Dismantling Tile Flooring and Walls & Roof and disposing the debris away from site all complete as directed. DESIGN PRINTED TILES Providing and laying required size DESIGN PRINTED for display of Logo glazed tiles of printed 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	Providing and fixing ISI marked flush door shutters conforming to IS: 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters: 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws Renewing glass panes, with wooden fillets wherever necessary: Float glass panes of thickness 4 mm Providing and applying fibre reinforced elastomeric liquid water proofing membrane with resilient acrylic polymers having Sun Reflectivity Index (SRI) of 105 on top of concrete roof in three coats 60:10.76 litre/ 10 sqm. One coat of self-priming of elastomeric waterproofing liquid (dilution with water in the ratio of 3:1) and two coats of undiluted elastomeric waterproofing liquid (dry film thickness of complete application/ system not less than 500 microns). The operation shall be carried out after scrapping and properly cleaning the surface to remove loose particles with wire brushes, complete in all respect as per the direction of Engineer-in-Charge. Dismantling Tile Flooring and Walls & Roof and disposing the debris away from site all complete as directed. DESIGN PRINTED TILES Providing and laying required size DESIGN PRINTED for display of Logo glazed tiles of printed 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 customized printing at top of the tile all complete as the details given by National Health Mission Haryana / HLL directed. (Kindly refer tender documents for

Sl.No	Particulars	QTY	UNIT	RATE	AMOUNT
21	Providing and laying required size DESIGN PRINTED for Windows & Door Borders glazed tiles of printed 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 customized printing at top of the tile all complete as the details given by National Health Mission Haryana / HLL directed. (Kindly refer tender documents for Design details)	34	M.SQ		
22	Provide all final cleaning including for the Work of assigned Contractors and remove all waste, debris, rubbish, tools, equipment, machinery and surplus materials. Clean all sight exposed surfaces; leave work clean and ready for occupancy.		LS		
PLUMBI	NG				
TECNIDI					
23	Renewing and repairing plumbing & sanitary items in toilets including making good all damages WC Seat, Gully Trap, Pipe Lines, Flush cistern, flush pipes, PVC pillar taps, PVC Waste Pipes, Pipelines, gate valve and Gratings of approved brand and manufacturer.		LS		
	Sub Total (Civil Work)				
	Electrical Work				
1	Point wiring in PVC conduit with mo	dular tyne swit	 tch		
	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.				
	Group C	12	Point		
2	Wiring through PVC co 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	30	Metre		

Sl.No	Particulars	QTY	UNIT	RATE	AMOUNT
3	Modular type switch/so	cket:			
	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)				
	Legiand/Havens/HFL)				
a	5/6 Amps switch	6	Each		
b	3 pin 5/6 Amp socket outlet	6	Each		
c	15/16 Amps switch	2	Each		
d	6pin 15/16 Amps (universal) socket outlet	2	Each		
4	S/F PVC conduit:	I	-1		
	Supplying and fixing of following sizes of medium class PVC conduit/Casing Cap G 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	100	Metre		
	Installation Testing & Con	nmisioning			
5	ITC Fluorescent fitting directly on surface: Installation, testing and commissioning of prewired, 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.	4	Each		
6	ITC Ceiling fan/Wall 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.	2	Each		
7	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.	2	Each		
8	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)	4	Each		
9	Supply and installation of 18 W CFL with its all accessories.[ISI MAKE]	12	Each		
10	Supply and installation of wall fan, white colour, 5 star rated as per BEE complete with blades, casing , wall mounting accessories etc(Make Havells/bajaj/usha/V-guard/crompton)	2	Each		
	Miscellaneous Item				
12	CABLE SUPPLY				

Sl.No	Particulars	QTY	UNIT	RATE	AMOUNT
	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)				
	2 X 4 sq. mm + 1 X 4 sq. mm earth wire (3 Nos.	2	Metre		
	of 4 Sq.mm wire)	2	Metre		
	Sub Total (Electrical Work)				
	Total (Civil & Electrical)				
	GST @ 18%				
	Grand Total (including GST @ 18%)				

2) SCHEDULE OF WORK FOR PRIMARY HEALTH CENTRE AT ALEWA

Sl.No	Particulars	QTY	UNIT	RATE	AMOUNT
	Civil Work				
MASONI	RY WORK				
1	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level. Cement mortar 1:3 (1 cement :3 coarse sand)	3	M.SQ		
FLOORI	NG				
2	Providing and fixing 1st quality ceramic glazed floor tiles conforming to IS: 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	36	M.SQ		
3	Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	52	M.SQ		
DI ACTE	DINC				
PLASTE	15 mm cement plaster on rough side of single or half brick wall finished with a floating coat of neat cement of mix: 1:3 (1 cement: 3 fine sand)	8	M.SQ		
D / SPANSE					
PAINTIN 5	Distempering with 1st quality acrylic washable distemper (ready made) of approved manufacturer and of required shade and colour complete. as per manufacturer's specification. One or more coats on old work	2256	M.SQ		
6	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	26	M.SQ		

Sl.No	Particulars	QTY	UNIT	RATE	AMOUNT
7	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	33	M.SQ		
8	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	248	M.SQ		
9	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	3687	M.SQ		
10	Finishing walls with Acrylic Smooth exterior paint of required shade: Old work (Two or more coat applied @ 1.67 ltr/ 10 sqm) on existing cement paint surface	1431	M.SQ		
DISMAN	TUNG				
11	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.	2	M.CUBE		
12	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.	1	M.CUBE		
13	Dismantling Aluminium partition including disposing the debris away from site as directed by engineer in charge all complete.	4	M.SQ		
14	Dismantling of flushing cistern of all types (C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.	1	EACH		
15	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq. meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per directions of Engineer-In-Charge. With cement mortar 1:4 (1cement: 4 coarse sand)	21	M.SQ		

Sl.No	Particulars	QTY	UNIT	RATE	AMOUNT
17	Providing and fixing ISI marked flush door shutters conforming to IS: 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters: 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	5	M.SQ		
18	Renewing glass panes, with wooden fillets wherever necessary: Float glass panes of thickness 4 mm	10	M.SQ		
19	Providing and applying fibre reinforced elastomeric liquid water proofing membrane with resilient acrylic polymers having Sun Reflectivity Index (SRI) of 105 on top of concrete roof in three coats @10.76 litre/ 10 sqm. One coat of self-priming of elastomeric waterproofing liquid (dilution with water in the ratio of 3:1) and two coats of undiluted elastomeric waterproofing liquid (dry film thickness of complete application/ system not less than 500 microns). The operation shall be carried out after scrapping and properly cleaning the surface to remove loose particles with wire brushes, complete in all respect as per the direction of Engineer-in-Charge.	686	M.SQ		
20	Dismantling Tile Flooring and Walls & Roof and disposing the debris away from site all complete as directed.	42	M.SQ		
	DESIGN PRINTED TILES				
21	Providing and laying required size DESIGN PRINTED for display of Logo glazed tiles of printed 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 customized printing at top of the tile all complete as the details given by National Health Mission Haryana / HLL directed. (Kindly refer tender documents for Design details)	8	M.SQ		

Sl.No	Particulars	QTY	UNIT	RATE	AMOUNT
22	Providing and laying required size DESIGN PRINTED for Windows & Door Borders glazed tiles of printed 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 customized printing at top of the tile all complete as the details given by National Health Mission Haryana / HLL directed. (Kindly refer tender documents for Design details)	34	M.SQ		
23	Provide all final cleaning including for the Work of assigned Contractors and remove all waste, debris, rubbish, tools, equipment, machinery and surplus materials. Clean all sight exposed surfaces; leave work clean and ready for occupancy.		LS		
DITIMDI	LIC.				
PLUMBI	NG				
24	Renewing and repairing plumbing & sanitary items in toilets including making good all damages WC Seat, Gully Trap, Pipe Lines, Flush cistern, flush pipes, PVC pillar taps, PVC Waste Pipes, Pipelines, gate valve and Gratings of approved brand and manufacturer.		LS		
	Sub Total (Civil Work)				
	Electrical Work				
1	Point wiring in PVC conduit with m	odular type swit	ch.		
	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.				
	Group C	12	Point		
2	Wiring through PVC co	onduit			
	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	30	Metre		

switch be modular	Modular type switch/so g and fixing following modular	ocket:			
switch/so switch be modular					
switch be modular					
modular	cket on the existing modular plate &				
	ox including connections but excluding				
Legrand/	plate etc as required. (Make:				
	Havells/HPL)				
a 5/6 Amp	s switch	12	Each		
b 3 pin 5/6	Amp socket outlet	12	Each		
c 15/16 Ar	nps switch	6	Each		
d 6pin 15/1	6 Amps (universal) socket outlet	6	Each		
1	T				
4	S/F PVC conduit:				
	g and fixing of following sizes of				
	class PVC conduit/Casing Cap G along				
	cessories in surface/recess including				
	ne wall and making good the same in				
	cessed conduit as required.(ISI Make)				
a 20 mm		200	Metre		
	Installation Testing & Con	nmisioning			
	orescent fitting directly on surface:				
	on, testing and commissioning of pre-				
	uorescent fitting / compact fluorescent ED of all types, complete with all				
	es and tube etc. directly on ceiling	5	Each		
	luding connection with 1.5 sq. mm FR				
	ulated, copper conductor, single core				
	earthing etc. as required.				
ITC	Ceiling fan/Wall fan:				
	on, testing and commissioning of				
	an, including wiring the down rods of	2	Each		
	length (upto 30 cm) with 1.5 sq. mm insulated, copper conductor, single core				
	as required.				
	g and fixing two module stepped type				
7 electronic	c fan regulator on the existing modular	2	Each		
plate sw	ritch box including connections but	2	Each		
excludin	g modular plate etc. as required.				
	of 15W LED tube fitting sleek with				
	e end cap, powder coated CRCA steel complete with all electrical accessories				
	cronic ballast, lamp holder, 28W LED	12	Each		
	complete as required. (Philips / Wipro				
/HAVEI					
9 Supply a	nd installation of 18 W CFL with its all	10	Each		
accessori	es.[ISI MAKE]	10	Lacii		
	and installation of wall fan, white				
	star rated as per BEE complete with				
	casing , wall mounting accessories	2	Each		
etc(Make	Havells/bajaj/usha/V-guard/crompton)				

Sl.No	Particulars	QTY	UNIT	RATE	AMOUNT
11	Miscellaneous Item	ıs			
	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)				
	2 X 4 sq. mm + 1 X 4 sq. mm earth wire (3 Nos.	3	Metre		
	of 4 Sq.mm wire)	3	Wietre		
	Sub Total (Electrical Work)				
	Total (Civil & Electrical)				
	GST @ 18%				
	Grand Total (Including GST @ 18%				

3) SCHEDULE OF WORK FOR PRIMARY HEALTH CENTRE AT MUWANA

Sl.No	Particulars	QTY	UNIT	RATE	AMOUNT
	Civil Work				
MASONE	Y WORK				
1	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level. Cement mortar 1:3 (1 cement :3 coarse sand)	3	M.SQ		
FLOORIN	NG				
2	Providing and fixing 1st quality ceramic glazed floor tiles conforming to IS: 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	40	M.SQ		
3	Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	76	M.SQ		
DI AGENT	NN/G				
PLASTEI 4	15 mm cement plaster on rough side of single or half brick wall finished with a floating coat of neat cement of mix: 1:3 (1 cement: 3 fine sand)	8	M.SQ		
PAINTIN					
5	Distempering with 1st quality acrylic washable distemper (ready made) of approved manufacturer and of required shade and colour complete. as per manufacturer's specification. One or more coats on old work	1793	M.SQ		
6	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	26	M.SQ		

Sl.No	Particulars	QTY	UNIT	RATE	AMOUNT
7	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	33	M.SQ		
8	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	248	M.SQ		
9	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	3224	M.SQ		
10	Finishing walls with Acrylic Smooth exterior paint of required shade: Old work (Two or more coat applied @ 1.67 ltr/ 10 sqm) on existing cement paint surface	1431	M.SQ		
DISMAN'	rling				
11	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.	2	M.CUBE		
12	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.	1	M.CUBE		
13	Dismantling Aluminium partition including disposing the debris away from site as directed by engineer in charge all complete.	4	M.SQ		
14	Dismantling of flushing cistern of all types (C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.	1	ЕАСН		
15	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq. meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per directions of Engineer-In-Charge. With cement mortar 1:4 (1cement: 4 coarse sand)	21	M.SQ		

Sl.No	Particulars	QTY	UNIT	RATE	AMOUNT
16	Providing and fixing ISI marked flush door shutters conforming to IS: 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters: 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	5	M.SQ		
17	Renewing glass panes, with wooden fillets wherever necessary: Float glass panes of thickness 4 mm	10	M.SQ		
18	Providing and applying fibre reinforced elastomeric liquid water proofing membrane with resilient acrylic polymers having Sun Reflectivity Index (SRI) of 105 on top of concrete roof in three coats @10.76 litre/ 10 sqm. One coat of self-priming of elastomeric waterproofing liquid (dilution with water in the ratio of 3:1) and two coats of undiluted elastomeric waterproofing liquid (dry film thickness of complete application/ system not less than 500 microns). The operation shall be carried out after scrapping and properly cleaning the surface to remove loose particles with wire brushes, complete in all respect as per the direction of Engineer-in-Charge.	450	M.SQ		
19	Dismantling Tile Flooring and Walls & Roof and disposing the debris away from site all complete as directed.	42	M.SQ		
	DESIGN PRINTED TILES				
20	Providing and laying required size DESIGN PRINTED for display of Logo glazed tiles of printed 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 customized printing at top of the tile all complete as the details given by National Health Mission Haryana / HLL directed. (Kindly refer tender documents for Design details)	8	M.SQ		

Sl.No	Particulars	QTY	UNIT	RATE	AMOUNT
21	Providing and laying required size DESIGN PRINTED for Windows & Door Borders glazed tiles of printed 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 customized printing at top of the tile all complete as the details given by National Health Mission Haryana / HLL directed. (Kindly refer tender documents for Design details)	20	M.SQ		
22	Provide all final cleaning including for the Work of assigned Contractors and remove all waste, debris, rubbish, tools, equipment, machinery and surplus materials. Clean all sight exposed surfaces; leave work clean and ready for occupancy.		LS		
PLUMBIN	NC				
1 LONIDII					
23	Renewing and repairing plumbing & sanitary items in toilets including making good all damages WC Seat, Gully Trap, Pipe Lines, Flush cistern, flush pipes, PVC pillar taps, PVC Waste Pipes, Pipelines, gate valve and Gratings of approved brand and manufacturer.		LS		
	Sub Total (Civil Work)				
	Electrical Work				
1	Point wiring in PVC conduit with m	odular type sw	itch.		
	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.	16	Doint		
2	Group C	16	Point		
2 A	Wiring through PVC or 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	onduit 36	Metre		

Sl.No	Particulars	QTY	UNIT	RATE	AMOUNT
3	Modular type switch/se	ocket:			
	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	5	Each		
В	3 pin 5/6 Amp socket outlet	5	Each		
С	15/16 Amps switch	2	Each		
D	6pin 15/16 Amps (universal) socket outlet	2	Each		
4	S/F PVC conduit:	:			
	Supplying and fixing of following sizes of medium class PVC conduit/Casing Cap G 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	150	Metre		
	Installation Testing & Con	nmissioning	l		
5	ITC Fluorescent fitting directly on surface: Installation, testing and commissioning of prewired, 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.	4	Each		
6	ITC Ceiling fan/Wall 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.	2	Each		
7	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.	2	Each		
8	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)	4	Each		
9	Supply and installation of 18 W CFL with its all accessories.[ISI MAKE]	6	Each		
10	Supply and installation of wall fan, white colour, 5 star rated as per BEE complete with blades, casing , wall mounting accessories etc(Make Havells/bajaj/usha/V-guard/crompton)	2	Each		

Sl.No	Particulars	QTY	UNIT	RATE	AMOUNT
11	Miscellaneous Item	ns			
	CABLE SUPPLY	<u></u>			
	Supplying the following PVC insulated and				
	PVC sheathed/XLPE power cable of 1.1 KV	l	!	1	
	grade as per CPWD standards as required.	l	!		
	(Make:Havells/	l	!		
	Glostar/Nicco/Finolex/Polycab)	<u> </u>		1	
	2 X 4 sq. mm + 1 X 4 sq. mm earth wire (3 Nos. of 4 Sq.mm wire)	3	Metre		
	Sub Total (Electrical Work)				
	Total (Civil & Electrical Work)				
	GST @ 18%				
	Grand Total (Including GST @ 18%)				

4. SCHEDULE OF WORK FOR PRIMARY HEALTH CENTRE AT CHATTAR

Sl.No	Particulars	QTY	UNIT	RATE	AMOUNT
	Civil Work				
MASONI	RY WORK				
1	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level. Cement mortar 1:3 (1 cement :3 coarse sand)	3	M.SQ		
FLOORI	NG				
TLOOKI					
2	Providing and fixing 1st quality ceramic glazed floor tiles conforming to IS: 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	40	M.SQ		
3	Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	51	M.SQ		
DI ACEDE	DING				
PLASTE:	15 mm cement plaster on rough side of single or half brick wall finished with a floating coat of neat cement of mix: 1:3 (1 cement: 3 fine sand)	8	M.SQ		
DATMEN					
PAINTIN 5	Distempering with 1st quality acrylic washable distemper (ready made) of approved manufacturer and of required shade and colour complete. as per manufacturer's specification. One or more coats on old work	2256	M.SQ		
6	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	26	M.SQ		

Sl.No	Particulars	QTY	UNIT	RATE	AMOUNT
7	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	33	M.SQ		
8	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	248	M.SQ		
9	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	3687	M.SQ		
10	Finishing walls with Acrylic Smooth exterior paint of required shade: Old work (Two or more coat applied @ 1.67 ltr/ 10 sqm) on existing cement paint surface	1431	M.SQ		
DISMAN	TINC				
11	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.	2	M.CUBE		
12	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.	1	M.CUBE		
13	Dismantling Aluminium partition including disposing the debris away from site as directed by engineer in charge all complete.	4	M.SQ		
14	Dismantling of flushing cistern of all types (C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.	1	EACH		
15	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq. meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per directions of Engineer-In-Charge. With cement mortar 1:4 (1cement: 4 coarse sand)	21	M.SQ		

Sl.No	Particulars	QTY	UNIT	RATE	AMOUNT
16	Providing and fixing ISI marked flush door shutters conforming to IS: 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters: 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	5	M.SQ		
17	Renewing glass panes, with wooden fillets wherever necessary: Float glass panes of thickness 4 mm	10	M.SQ		
18	Providing and applying fibre reinforced elastomeric liquid water proofing membrane with resilient acrylic polymers having Sun Reflectivity Index (SRI) of 105 on top of concrete roof in three coats @10.76 litre/ 10 sqm. One coat of self-priming of elastomeric waterproofing liquid (dilution with water in the ratio of 3:1) and two coats of undiluted elastomeric waterproofing liquid (dry film thickness of complete application/ system not less than 500 microns). The operation shall be carried out after scrapping and properly cleaning the surface to remove loose particles with wire brushes, complete in all respect as per the direction of Engineer-in-Charge.	686	M.SQ		
19	Dismantling Tile Flooring and Walls & Roof and disposing the debris away from site all complete as directed.	42	M.SQ		
	DESIGN PRINTED TILES				
20	Providing and laying required size DESIGN PRINTED for display of Logo glazed tiles of printed 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 customized printing at top of the tile all complete as the details given by National Health Mission Haryana / HLL directed. (Kindly refer tender documents for Design details)	8	M.SQ		
				1	

Sl.No	Particulars	QTY	UNIT	RATE	AMOUNT
21	Providing and laying required size DESIGN PRINTED for Windows & Door Borders glazed tiles of printed 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 customized printing at top of the tile all complete as the details given by National Health Mission Haryana / HLL directed. (Kindly refer tender documents for Design details)	34	M.SQ		
22	Provide all final cleaning including for the Work of assigned Contractors and remove all waste, debris, rubbish, tools, equipment, machinery and surplus materials. Clean all sight exposed surfaces; leave work clean and ready for occupancy.		LS		
DI IIMDI	N.C.				
PLUMBI	NG				
23	Renewing and repairing plumbing & sanitary items in toilets including making good all damages WC Seat, Gully Trap, Pipe Lines, Flush cistern, flush pipes, PVC pillar taps, PVC Waste Pipes, Pipelines, gate valve and Gratings of approved brand and manufacturer.		LS		
	Sub Total (Civil Work)				
	Electrical Work				
1	Point wiring in PVC conduit with mo	dular type swit	ch.		
	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.				
	Group C	30	Point		
2	Wiring through PVC co 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)	nduit			
a	2X1.5 sq.mm + 1X1.5 sq.mm earth wire	120	Metre		

Sl.No	Particulars	QTY	UNIT	RATE	AMOUNT
3	Modular type switch/so	cket:			
	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	18	Each		
b	3 pin 5/6 Amp socket outlet	18	Each		
c	15/16 Amps switch	12	Each		
d	6pin 15/16 Amps (universal) socket outlet	12	Each		
	opin 13/10 Amps (universal) socket outlet		Buen		
4	S/F PVC conduit:				
	Supplying and fixing of following sizes of				
	medium class PVC conduit/Casing Cap G along				
	with accessories in surface/recess including				
	cutting the wall and making good the same in				
	case of recessed conduit as required.(ISI Make)	200	Marin		
a		200	Metre		
	Installation Testing & Com	imisioning	1		
	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	16	Each		
5	accessories and tube etc. directly on ceiling/ wall,	10	10 Each		
	including connection with 1.5 sq. mm FR PVC				
	insulated, copper conductor, single core cable and				
	earthing etc. as required. ITC Ceiling fan/Wall fan:				
	Installation, testing and commissioning of ceiling				
	fan, including wiring the down rods of standard	2	F 1		
6	length (upto 30 cm) with 1.5 sq. mm FR PVC	2	Each		
	insulated, copper conductor, single core cable etc.				
	as required.				
	Supplying and fixing two module stepped type electronic fan regulator on the existing modular				
7	plate switch box including connections but	2	Each		
	excluding modular plate etc. as required.				
	Supply of 15W LED tube fitting sleek with				
	decorative end cap, powder coated CRCA steel				
8	channel complete with all electrical accessories	16	Each		
	like electronic ballast, lamp holder, 28W LED lamp etc complete as required. (Philips / Wipro				
	/HAVELLS)				
9	Supply and installation of 18 W CFL with its all	24	Each		
	accessories.[ISI MAKE]				
	Supply and installation of wall fan, white colour,				
	5 star rated as per BEE complete with blades,				
10	casing , wall mounting accessories etc(Make	2	Each		
	Havells/bajaj/usha/V-guard/crompton)				
					+

Sl.No	Particulars	QTY	UNIT	RATE	AMOUNT
11	Miscellaneous Item	s			
	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) 2 X 4 sq. mm + 1 X 4 sq. mm earth wire (3 Nos. of 4 Sq.mm wire)	6	Metre		
	Sub Total (Electrical Work)				
	Total (Civil & Electrical Work)				
	GST @ 18%	•			
	Grand Total (Including GST @ 18%)	·			

5. SCHEDULE OF WORK FOR PRIMARY HEALTH CENTRE AT DUMERKHA

Sl.No	Particulars	QUANTITY	UNIT	RATE	AMOUNT
	Civil Work				
MASONR	Y WORK				
1	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level. Cement mortar 1:3 (1 cement :3 coarse sand)	3	M.SQ		
FLOORIN	IG				
2	Providing and fixing 1st quality ceramic glazed floor tiles conforming to IS: 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	12	M.SQ		
3	Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	13	M.SQ		
PLASTER	INC				
4	15 mm cement plaster on rough side of single or half brick wall finished with a floating coat of neat cement of mix: 1:3 (1 cement: 3 fine sand)	Q	M.SQ		
PAINTING					
5	Distempering with 1st quality acrylic washable distemper (ready made) of approved manufacturer and of required shade and colour complete. as per manufacturer's specification. One or more coats on old work		M.SQ		
6	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	26	M.SQ		

Sl.No	Particulars	QUANTITY	UNIT	RATE	AMOUNT
		Q 3 3 3 3 3 3 3 3 3 3			323.20 021,2
7	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	33	M.SQ		
8	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.		M.SQ		
9	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	3697	M.SQ		
10	Finishing walls with Acrylic Smooth exterior paint of required shade: Old work (Two or more coat applied @ 1.67 ltr/ 10 sqm) on existing cement paint surface	1/131	M.SQ		
DISMAN	LING				
11	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.	2	M.CUBE		
12	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.	1	M.CUBE		
13	Dismantling Aluminium partition including disposing the debris away from site as directed by engineer in charge all complete.		M.SQ		
14	Dismantling of flushing cistern of all types (C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.	1	EACH		
15	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq. meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per directions of Engineer-In-Charge. With cement mortar 1:4 (1cement: 4 coarse sand)	21	M.SQ		

Sl.No	Particulars	QUANTITY	UNIT	RATE	AMOUNT
16	Providing and fixing ISI marked flush door shutters conforming to IS: 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters: 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	5	M.SQ		
17	Renewing glass panes, with wooden fillets wherever necessary: Float glass panes of thickness 4 mm		M.SQ		
18	Providing and applying fibre reinforced elastomeric liquid water proofing membrane with resilient acrylic polymers having Sun Reflectivity Index (SRI) of 105 on top of concrete roof in three coats @10.76 litre/ 10 sqm. One coat of self-priming of elastomeric waterproofing liquid (dilution with water in the ratio of 3:1) and two coats of undiluted elastomeric waterproofing liquid (dry film thickness of complete application/ system not less than 500 microns). The operation shall be carried out after scrapping and properly cleaning the surface to remove loose particles with wire brushes, complete in all respect as per the direction of Engineer-in-Charge.	686	M.SQ		
19	Dismantling Tile Flooring and Walls & Roof and disposing the debris away from site all complete as directed.		M.SQ		
	DESIGN PRINTED TILES				
20	Providing and laying required size DESIGN PRINTED for display of Logo glazed tiles of printed 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 customized printing at top of the tile all complete as the details given by National Health Mission Haryana / HLL directed. (Kindly refer tender documents for Design details)	8	M.SQ		

Sl.No	Particulars	QUANTITY	UNIT	RATE	AMOUNT
21	Providing and laying required size DESIGN PRINTED for Windows & Door Borders glazed tiles of printed 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 customized printing at top of the tile all complete as the details given by National Health Mission Haryana / HLL directed. (Kindly refer tender documents for Design details)	34	M.SQ		
	Decided the first state of the first for the				
22	Provide all final cleaning including for the Work of assigned Contractors and remove all waste, debris, rubbish, tools, and equipment, machinery and surplus materials. Clean all sight exposed surfaces; leave work clean and ready for occupancy.		LS		
PLUMBIN	G				
23	Renewing and repairing plumbing & sanitary items in toilets including making good all damages WC Seat, Gully Trap, Pipe Lines, Flush cistern, flush pipes, PVC pillar taps, PVC Waste Pipes, Pipelines, gate valve and Gratings of approved brand and manufacturer.		LS		
	Sub Total (Civil Work)				
	Electrical Work				
1	Point wiring in PVC conduit with	modular type sw	ritch.		
	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.				
	Group C	30	Point		
2	Wiring through PVC	conduit			
a	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	120	Metre		
<u> </u>	2A1.5 sq.mm + 1A1.5 sq.mm carm whe	120	1.1000		

Sl.No	Particulars	QUANTITY	UNIT	RATE	AMOUNT	
3	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	18	Each			
b	3 pin 5/6 Amp socket outlet	18	Each			
c	15/16 Amps switch	12	Each			
d	6pin 15/16 Amps (universal) socket outlet	12	Each			
4	S/F PVC condu	1				
	Supplying and fixing of following sizes of					
	medium class PVC conduit/Casing Cap G 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	200	Metre			
	Installation Testing & C					
	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	16	T 1			
5	accessories and tube etc. directly on ceiling/		Each			
	wall, including connection with 1.5 sq. mm					
	FR PVC insulated, copper conductor, single core cable and earthing etc. as required.					
	ITC Ceiling fan/Wall fan:					
	Installation, testing and commissioning of					
6	ceiling fan, including wiring the down rods of		Each			
Ü	standard length (upto 30 cm) with 1.5 sq. mm	2		Lacii		
	FR PVC insulated, copper conductor, single core cable etc. as required.					
	Supplying and fixing two module stepped type					
	electronic fan regulator on the existing					
7	modular plate switch box including		Each			
	connections but excluding modular plate etc. as required.					
	Supply of 15W LED tube fitting sleek with					
	decorative end cap, powder coated CRCA					
8	steel channel complete with all electrical	16	Each			
O	accessories like electronic ballast, lamp		Lacii			
	holder, 28W LED lamp etc complete as required. (Philips / Wipro /HAVELLS)					
	required. (1 mmps / 111pto / 11A v E.C.E.S)					
9	Supply and installation of 18 W CFL with its	24	To -1-			
9	all accessories.[ISI MAKE]	24	Each			
	Supply and installation of wall fan, white colour, 5 star rated as per BEE complete with					
10	blades, casing, wall mounting accessories		Each			
	etc(Make Havells/bajaj/usha/V-					
	guard/crompton)					

Sl.No	Particulars	QUANTITY	UNIT	RATE	AMOUNT
11	Miscellaneous It	ems			
	CABLE SUPPI	LY			
	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) 2 X 4 sq. mm + 1 X 4 sq. mm earth wire (3 Nos. of 4 Sq.mm wire)		Metre		
	Sub Total (Electrical Work				
	Total (Civil & Electrical Work)				
	GST @ 18%				
	Grand Total (Including GST @ 18%				

6. SCHEDULE OF WORK FOR PRIMARY HEALTH CENTRE AT GOGARIYA

Sl.No	Particulars	QTY	UNIT	RATE	AMOUNT
	Civil Work				
MASONI	RY WORK				
1	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level. Cement mortar 1:3 (1 cement :3 coarse sand)	3	M.SQ		
FLOORI	NC .				
FLOOKI					
2	Providing and fixing 1st quality ceramic glazed floor tiles conforming to IS: 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	12	M.SQ		
3	Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	10	M.SQ		
PLASTE				1	
4	15 mm cement plaster on rough side of single or half brick wall finished with a floating coat of neat cement of mix: 1:3 (1 cement: 3 fine sand)	8	M.SQ		
DA INITIES					
PAINTIN					
5	Distempering with 1st quality acrylic washable distemper (ready made) of approved manufacturer and of required shade and colour complete. as per manufacturer's specification. One or more coats on old work	2688	M.SQ		
6	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	26	M.SQ		

Sl.No	Particulars	QTY	UNIT	RATE	AMOUNT
7	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	23	M.SQ		
8	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	284	M.SQ		
9	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	4117	M.SQ		
10	Finishing walls with Acrylic Smooth exterior paint of required shade: Old work (Two or more coat applied @ 1.67 ltr/ 10 sqm) on existing cement paint surface	1140	M.SQ		
DISMAN	TLING				
11	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.	2	M.CUBE		
12	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.	1	M.CUBE		
13	Dismantling Aluminium partition including disposing the debris away from site as directed by engineer in charge all complete.	4	M.SQ		
14	Dismantling of flushing cistern of all types (C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.	1	EACH		
15	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq. meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per directions of Engineer-In-Charge. With cement mortar 1:4 (1cement: 4 coarse sand)	192	M.SQ		

Particulars	QTY	UNIT	RATE	AMOUNT
Providing and fixing ISI marked flush door shutters conforming to IS: 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters: 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	5	M.SQ		
Renewing glass panes, with wooden fillets wherever necessary: Float glass panes of thickness 4 mm	12	M.SQ		
Providing and applying fibre reinforced elastomeric liquid water proofing membrane with resilient acrylic polymers having Sun Reflectivity Index (SRI) of 105 on top of concrete roof in three coats @10.76 litre/ 10 sqm. One coat of self-priming of elastomeric waterproofing liquid (dilution with water in the ratio of 3:1) and two coats of undiluted elastomeric waterproofing liquid (dry film thickness of complete application/ system not less than 500 microns). The operation shall be carried out after scrapping and properly cleaning the surface to remove loose particles with wire brushes, complete in all respect as per the direction of Engineer-in-Charge.	1700	M.SQ		
Dismantling Tile Flooring and Walls & Roof and disposing the debris away from site all complete as directed.	42	M.SQ		
DECICAL DDINTED THE EC				
Providing and laying required size DESIGN PRINTED for display of Logo glazed tiles of printed 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 customized printing at top of the tile all complete as the details given by National Health Mission Haryana / HLL directed. (Kindly refer tender documents for Design details)	8	M.SQ		
	Providing and fixing ISI marked flush door shutters conforming to IS: 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters: 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws Renewing glass panes, with wooden fillets wherever necessary: Float glass panes of thickness 4 mm Providing and applying fibre reinforced elastomeric liquid water proofing membrane with resilient acrylic polymers having Sun Reflectivity Index (SRI) of 105 on top of concrete roof in three coats @10.76 litre/10 sqm. One coat of self-priming of elastomeric waterproofing liquid (dilution with water in the ratio of 3:1) and two coats of undiluted elastomeric waterproofing liquid (dry film thickness of complete application/ system not less than 500 microns). The operation shall be carried out after scrapping and properly cleaning the surface to remove loose particles with wire brushes, complete in all respect as per the direction of Engineer-in-Charge. DESIGN PRINTED TILES Providing and laying required size DESIGN PRINTED for display of Logo glazed tiles of printed 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 customized printing at top of the tile all complete as the details given by National Health Mission Haryana / HLL directed. (Kindly refer tender	Providing and fixing ISI marked flush door shutters conforming to IS: 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters: 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws Renewing glass panes, with wooden fillets wherever necessary: Float glass panes of thickness 4 mm Providing and applying fibre reinforced elastomeric liquid water proofing membrane with resilient acrylic polymers having Sun Reflectivity Index (SRI) of 105 on top of concrete roof in three coats @10.76 litre/10 sqm. One coat of self-priming of elastomeric waterproofing liquid (diution with water in the ratio of 3:1) and two coats of undiluted elastomeric waterproofing liquid (dry film thickness of complete application/ system not less than 500 microns). The operation shall be carried out after scrapping and properly cleaning the surface to remove loose particles with wire brushes, complete in all respect as per the direction of Engineer-in-Charge. DESIGN PRINTED TILES Providing and laying required size DESIGN PRINTED for display of Logo glazed tiles of printed 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 customized printing at top of the tile all complete as the details given by National Health Mission Haryana / HLL directed. (Kindly refer tender	Providing and fixing ISI marked flush door shutters conforming to IS: 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters: 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws Renewing glass panes, with wooden fillets wherever necessary: Float glass panes of thickness 4 mm Providing and applying fibre reinforced elastomeric liquid water proofing membrane with resilient acrylic polymers having Sun Reflectivity Index (SRI) of 105 on top of concrete roof in three coats @10.76 litre/ 10 sqm. One coat of self-priming of elastomeric waterproofing liquid (dry film thickness of complete application/ system not less than 500 microns). The operation shall be carried out after scrapping and properly cleaning the surface to remove loose particles with wire brushes, complete in all respect as per the direction of Engineer-in-Charge. Dismantling Tile Flooring and Walls & Roof and disposing the debris away from site all complete as directed. DESIGN PRINTED TILES Providing and laying required size DESIGN PRINTED for display of Logo glazed tiles of printed 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 customized printing at top of the tile all complete as the details given by National Health Mission Haryana / HLL directed. (Kindly refer tender	Providing and fixing ISI marked flush door shutters conforming to IS: 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters: 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws Renewing glass panes, with wooden fillets wherever necessary: Float glass panes of thickness 4 mm Providing and applying fibre reinforced clastomeric liquid water proofing membrane with resilient acrylic polymers having Sun Reflectivity Index (SRI) of 105 on top of concrete roof in three coats @10.76 litre 10 sqm. One coat of self-priming of elastomeric waterproofing liquid (dry film thickness of complete application's system not less than 500 microns). The operation shall be carried out after scrapping and properly cleaning the surface to remove loose particles with wire brushes, complete in all respect as per the direction of Engineer-in-Charge. DESIGN PRINTED TILES Providing and laying required size DESIGN PRINTED for display of Logo glazed tiles of printed series/Satin finish in dado set in CM 1:3 with joints so as to form a true & even surface and joints finished neatty 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 customized printing at top of the tile all complete as the details given by National Health Mission Harayana / HLL directed. (Kindly refer tender

Sl.No	Particulars	QTY	UNIT	RATE	AMOUNT
21	Providing and laying required size DESIGN PRINTED for Windows & Door Borders glazed tiles of printed 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 customized printing at top of the tile all complete as the details given by National Health Mission Haryana / HLL directed. (Kindly refer tender documents for Design details)	18	M.SQ		
22	Provide all final cleaning including for the Work of assigned Contractors and remove all waste, debris, rubbish, tools, equipment, machinery and surplus materials. Clean all sight exposed surfaces; leave work clean and ready for occupancy.		LS		
DI III (DI					
PLUMBI	NG				
23	Renewing and repairing plumbing & sanitary items in toilets including making good all damages WC Seat, Gully Trap, Pipe Lines, Flush cistern, flush pipes, PVC pillar taps, PVC Waste Pipes, Pipelines, gate valve and Gratings of approved brand and manufacturer.		LS		
	Sub Total (Civil Work)				
	Electrical Work				
1	Point wiring in PVC conduit with m	odular type swi	tch.		
	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.	• •			
	Group C	12	Point		
2	Wiring through PVC c	onduit			
	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)	20			
a	2X1.5 sq.mm + 1X1.5 sq.mm earth wire	30	Metre		

Sl.No	Particulars	QTY	UNIT	RATE	AMOUNT
3	Modular type switch/s	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	6	Each		
b	3 pin 5/6 Amp socket outlet	6	Each		
С	15/16 Amps switch	4	Each		
d	6pin 15/16 Amps (universal) socket outlet	4	Each		
4	S/F PVC conduit	•			
4	Supplying and fixing of following sizes of medium class PVC conduit/Casing Cap G 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	200	Metre		
	Installation Testing & Con	mmisioning			
5	ITC Fluorescent fitting directly on surface: Installation, testing and commissioning of prewired, 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.	5	Each		
6	ITC Ceiling fan/Wall 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.	4	Each		
7	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.	4	Each		
8	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)	12	Each		
9	Supply and installation of 18 W CFL with its all accessories.[ISI MAKE]	18	Each		
10	Supply and installation of wall fan, white colour, 5 star rated as per BEE complete with blades, casing , wall mounting accessories etc(Make Havells/bajaj/usha/V-guard/crompton)	2	Each		

Sl.No	Particulars	QTY	UNIT	RATE	AMOUNT
	Miscellaneous Iten	ns			
11	CABLE SUPPLY	7			
	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) 2 X 4 sq. mm + 1 X 4 sq. mm earth wire (3				
	Nos. of 4 Sq.mm wire)	3	Metre		
	Sub Total (Electrical Work)				
	Total (Civil & Electrical Work)				
	GST @ 18%				
	Grand Total (Including GST @ 18%				

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7. SCHEDULE OF WORK FOR PRIMARY HEALTH CENTRE AT DARIYAWALA

Sl.No	Particulars	QTY	UNIT	RATE	AMOUNT
	Civil Work				
MASONI	RY WORK				
1	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level. Cement mortar 1:3 (1 cement :3 coarse sand)	3	M.SQ		
FLOORI	NG				
2	Providing and fixing 1st quality ceramic glazed floor tiles conforming to IS: 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	40	M.SQ		
3	Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	52	M.SQ		
PLASTE	-				
4	15 mm cement plaster on rough side of single or half brick wall finished with a floating coat of neat cement of mix: 1:3 (1 cement: 3 fine sand)	8	M.SQ		
PAINTIN	C				
5	Distempering with 1st quality acrylic washable distemper (ready made) of approved manufacturer and of required shade and colour complete. as per manufacturer's specification. One or more coats on old work	1793	M.SQ		
6	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	26	M.SQ		
	District State of 21 D 1 Maria C C				
7	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	33	M.SQ		

Sl.No	Particulars	QTY	UNIT	RATE	AMOUNT
8	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	248	M.SQ		
9	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	3224	M.SQ		
10	Finishing walls with Acrylic Smooth exterior paint of required shade: Old work (Two or more coat applied @ 1.67 ltr/ 10 sqm) on existing cement paint surface	1431	M.SQ		
DISMAN	TLING				
11	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.	2	M.CUBE		
12	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.	1	M.CUBE		
13	Dismantling Aluminium partition including disposing the debris away from site as directed by engineer in charge all complete.	4	M.SQ		
14	Dismantling of flushing cistern of all types (C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.	1	EACH		
15	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq. meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per directions of Engineer-In-Charge. With cement mortar 1:4 (1cement: 4 coarse sand)	21	M.SQ		
16	Providing and fixing ISI marked flush door shutters conforming to IS: 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters: 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	5	M.SQ		

Sl.No	Particulars	QTY	UNIT	RATE	AMOUNT
17	Renewing glass panes, with wooden fillets wherever necessary: Float glass panes of thickness 4 mm	10	M.SQ		
18	Providing and applying fibre reinforced elastomeric liquid water proofing membrane with resilient acrylic polymers having Sun Reflectivity Index (SRI) of 105 on top of concrete roof in three coats @10.76 litre/ 10 sqm. One coat of self-priming of elastomeric waterproofing liquid (dilution with water in the ratio of 3:1) and two coats of undiluted elastomeric waterproofing liquid (dry film thickness of complete application/ system not less than 500 microns). The operation shall be carried out after scrapping and properly cleaning the surface to remove loose particles with wire brushes, complete in all respect as per the direction of Engineer-in-Charge.	450	M.SQ		
19	Dismantling Tile Flooring and Walls & Roof and disposing the debris away from site all complete as directed.	42	M.SQ		
	DESIGN PRINTED TILES				
20	Providing and laying required size DESIGN PRINTED for display of Logo glazed tiles of printed 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 customized printing at top of the tile all complete as the details given by National Health Mission Haryana / HLL directed. (Kindly refer tender documents for Design details)	8	M.SQ		
21	Providing and laying required size DESIGN PRINTED for Windows & Door Borders glazed tiles of printed 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 customized printing at top of the tile all complete as the details given by National Health Mission Haryana / HLL directed. (Kindly refer tender documents for Design details)	20	M.SQ		

Sl.No	Particulars	QTY	UNIT	RATE	AMOUNT
22	Provide all final cleaning including for the Work of assigned Contractors and remove all waste, debris, rubbish, tools, equipment, machinery and surplus materials. Clean all sight exposed surfaces; leave work clean and ready for occupancy.		LS		
PLUMBIN	NC				
TECHIBI					
23	Renewing and repairing plumbing & sanitary items in toilets including making good all damages WC Seat, Gully Trap, Pipe Lines, Flush cistern, flush pipes, PVC pillar taps, PVC Waste Pipes, Pipelines, gate valve and Gratings of approved brand and manufacturer.		LS		
	Sub Total (Civil Work)				
	Electrical Work				
1	Point wiring in PVC conduit with mod	dular type switcl	1.		
	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.				
	Group C	16	Point		
2	Wiring through PVC cor	nduit			
	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	36	Metre		
3	Modular type switch/soc	ket:	т		
	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	5	Each		
b	3 pin 5/6 Amp socket outlet	5	Each		
С	15/16 Amps switch	2	Each	_	
d	6pin 15/16 Amps (universal) socket outlet	2	Each		

Sl.No	Particulars	QTY	UNIT	RATE	AMOUNT
4	S/F PVC conduit:				
	Supplying and fixing of following sizes of medium class PVC conduit/Casing Cap G 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	150	Metre		
	Installation Testing & Comm		_ 		
	ITC Fluorescent fitting directly on surface:				
5	Installation, testing and commissioning of prewired, 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.	4	Each		
6	ITC Ceiling fan/Wall 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.	2	Each		
7	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.	2	Each		
8	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)	4	Each		
9	Supply and installation of 18 W CFL with its all accessories.[ISI MAKE]	6	Each		
10	Supply and installation of wall fan, white colour, 5 star rated as per BEE complete with blades, casing, wall mounting accessories etc(Make Havells/bajaj/usha/V-guard/crompton)	2	Each		
	Miscellaneous Items				
11	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)				
	2 X 4 sq. mm + 1 X 4 sq. mm earth wire (3 Nos. of 4 Sq.mm wire)	3	Metre		
	Sub Total (Electrical Work)				
	Total (Civil & Electrical Work)				
	GST @ 18%				
	Grand Total (Including GST @ 18%)				

8. SCHEDULE OF WORK FOR SUB CENTRE AT THUA

Sl.No	Particulars	QTY	UNIT	RATE	AMOUNT
	Civil Work				
MASONI	RY WORK				
1	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level. Cement mortar 1:3 (1 cement :3 coarse sand)	3	M.SQ		
FLOORI					
2	Providing and fixing 1st quality ceramic glazed floor tiles conforming to IS: 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	14	M.SQ		
3	Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	18	M.SQ		
DI A CIENTI	DDVG				
PLASTE:	15 mm cement plaster on rough side of single or half brick wall finished with a floating coat of neat cement of mix: 1:3 (1 cement: 3 fine sand)	8	M.SQ		
DATE VICTOR					
PAINTIN 5	Distempering with 1st quality acrylic washable distemper (ready made) of approved manufacturer and of required shade and colour complete. as per manufacturer's specification. One or more coats on old work	394	M.SQ		
6	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	26	M.SQ		
7	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	24	M.SQ		

Sl.No	Particulars	QTY	UNIT	RATE	AMOUNT
8	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	236	M.SQ		
9	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	628	M.SQ		
10	Finishing walls with Acrylic Smooth exterior paint of required shade: Old work (Two or more coat applied @ 1.67 ltr/ 10 sqm) on existing cement paint surface	234	M.SQ		
DISMAN	TLING				
11	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.	2	M.CUBE		
12	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.	1	M.CUBE		
13	Dismantling Aluminium partition including disposing the debris away from site as directed by engineer in charge all complete.	4	M.SQ		
14	Dismantling of flushing cistern of all types (C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.	1	EACH		
15	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq. meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per directions of Engineer-In-Charge. With cement mortar 1:4 (1cement: 4 coarse sand)	21	M.SQ		
16	Providing and fixing ISI marked flush door shutters conforming to IS: 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters: 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	10	M.SQ		

Sl.No	Particulars	QTY	UNIT	RATE	AMOUNT
17	Renewing glass panes, with wooden fillets wherever necessary: Float glass panes of thickness 4 mm	15	M.SQ		
18	Providing and applying fibre reinforced elastomeric liquid water proofing membrane with resilient acrylic polymers having Sun Reflectivity Index (SRI) of 105 on top of concrete roof in three coats @10.76 litre/10 sqm. One coat of self-priming of elastomeric waterproofing liquid (dilution with water in the ratio of 3:1) and two coats of undiluted elastomeric waterproofing liquid (dry film thickness of complete application/ system not less than 500 microns). The operation shall be carried out after scrapping and properly cleaning the surface to remove loose particles with wire brushes, complete in all respect as per the direction of Engineer-in-Charge.	48	M.SQ		
19	Dismantling Tile Flooring and Walls & Roof and disposing the debris away from site all complete as directed.	10	M.SQ		
	DESIGN PRINTED TILES				
20	Providing and laying required size DESIGN PRINTED for display of Logo glazed tiles of printed 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 customized printing at top of the tile all complete as the details given by National Health Mission Haryana / HLL directed. (Kindly refer tender documents for Design details)	8	M.SQ		
	D . II				
21	Providing and laying required size DESIGN PRINTED for Windows & Door Borders glazed tiles of printed 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 customized printing at top of the tile all complete as the details given by National Health Mission Haryana / HLL directed. (Kindly refer tender documents for Design details)	13	M.SQ		

Sl.No	Particulars	QTY	UNIT	RATE	AMOUNT
22	Provide all final cleaning including for the Work of assigned Contractors and remove all waste, debris, rubbish, tools, equipment, machinery and surplus materials. Clean all sight exposed surfaces; leave work clean and ready for occupancy.		LS		
PLUMBI					
23	Renewing and repairing plumbing & sanitary items in toilets including making good all damages WC Seat, Gully Trap, Pipe Lines, Flush cistern, flush pipes, PVC pillar taps, PVC Waste Pipes, Pipelines, gate valve and Gratings of approved brand and manufacturer.		LS		
	Sub Total (Civil Work)				
	Electrical Work				
1	Point wiring in PVC conduit with mod	ular type sw	itch.		
	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.				
	Group C	6	Point		
2	Wiring through PVC con-	duit			
	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	10	Metre		
3	Modular boxes, bases & cove	r plate:	1		
	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	6 module	6	Each		
4	Modular type switch/sock	xet:			
	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	2	Each		
b	3 pin 5/6 Amp socket outlet	2	Each		
c	15/16 Amps switch	2	Each		
d	6pin 15/16 Amps (universal) socket outlet	2	Each		

Sl.No	Particulars	QTY	UNIT	RATE	AMOUNT
	Installation Testing & Comn	nisioning			
5	ITC Fluorescent fitting directly on surface: Installation, testing and commissioning of prewired, 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.	2	Each		
6	ITC Ceiling fan/Wall 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.	2	Each		
7	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.	2	Each		
8	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)	2	Each		
10	Supply and installation of 18 W CFL with its all accessories.[ISI MAKE]	6	Each		
11	Miscellaneous Items				
	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)				
	2 X 4 sq. mm + 1 X 4 sq. mm earth wire (3 Nos. of 4 Sq.mm wire)	1	Metre		
	Sub Total (Electrical Work)				
	Total (Civil & Electrical Work)				
	GST @ 18%				
	Grand Total (Including GST @ 18%)				

9. SCHEDULE OF WORK FOR SUB CENTRE AT KARSINDU

Sl.No	Particulars	QTY	UNIT	RATE	AMOUNT
	Civil Work				
MASONI	RY WORK				
1	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level. Cement mortar 1:3 (1 cement :3 coarse sand)	3	M.SQ		
FLOORI	 NG				
2	Providing and fixing 1st quality ceramic glazed floor tiles conforming to IS: 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	14	M.SQ		
3	Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	18	M.SQ		
PLASTE	DINC				
4	15 mm cement plaster on rough side of single or half brick wall finished with a floating coat of neat cement of mix: 1:3 (1 cement: 3 fine sand)	8	M.SQ		
PAINTIN					
5	Distempering with 1st quality acrylic washable distemper (ready made) of approved manufacturer and of required shade and colour complete. as per manufacturer's specification. One or more coats on old work	394	M.SQ		
6	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	26	M.SQ		
7	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	24	M.SQ		

8	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	236	M.SQ	
9	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	628	M.SQ	
10	Finishing walls with Acrylic Smooth exterior paint of required shade: Old work (Two or more coat applied @ 1.67 ltr/ 10 sqm) on existing cement paint surface	234	M.SQ	
D T C D T 1 D T				
DISMAN ⁷	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.	2	M.CUBE	
12	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.	1	M.CUBE	
13	Dismantling Aluminium partition including disposing the debris away from site as directed by engineer in charge all complete.	4	M.SQ	
14	Dismantling of flushing cistern of all types (C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.	1	ЕАСН	
15	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq. meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per directions of Engineer-In-Charge. With cement mortar 1:4 (1cement: 4 coarse sand)	21	M.SQ	
16	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately). Kiln seasoned and chemically treated hollock wood	0.100	CUM	

17	Providing and fixing ISI marked flush door shutters conforming to IS: 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters: 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	16	M.SQ	
18	Renewing glass panes, with wooden fillets wherever necessary: Float glass panes of thickness 4 mm	15	M.SQ	
19	Providing and applying fibre reinforced elastomeric liquid water proofing membrane with resilient acrylic polymers having Sun Reflectivity Index (SRI) of 105 on top of concrete roof in three coats @10.76 litre/ 10 sqm. One coat of self-priming of elastomeric waterproofing liquid (dilution with water in the ratio of 3:1) and two coats of undiluted elastomeric waterproofing liquid (dry film thickness of complete application/ system not less than 500 microns). The operation shall be carried out after scrapping and properly cleaning the surface to remove loose particles with wire brushes, complete in all respect as per the direction of Engineer-in-Charge.	48	M.SQ	
20	Dismantling Tile Flooring and Walls & Roof and disposing the debris away from site all complete as directed.	10	M.SQ	
	DESIGN PRINTED TILES			
21	Providing and laying required size DESIGN PRINTED for display of Logo glazed tiles of printed 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 customized printing at top of the tile all complete as the details given by National Health Mission Haryana / HLL directed.	8	M.SQ	
	(Kindly refer tender documents for Design details)			
22	Providing and laying required size DESIGN PRINTED for Windows & Door Borders glazed tiles of printed 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 customized printing at top of the tile all complete as the details given by National Health Mission Haryana / HLL directed. (Kindly refer tender documents for Design details)	13	M.SQ	
	(Amory refer tender documents for Design details)			

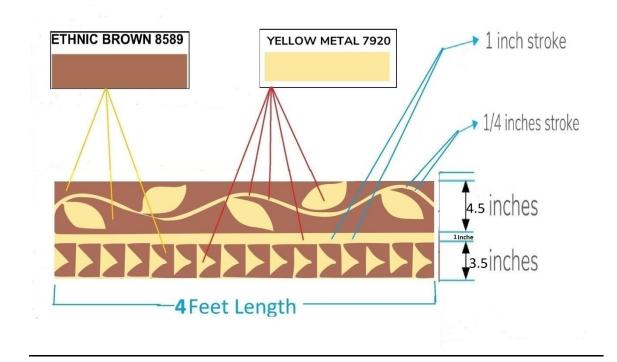
23	Provide all final cleaning including for the Work of assigned Contractors and remove all waste, debris, rubbish, tools, equipment, machinery and surplus materials. Clean all sight exposed surfaces; leave work clean and ready for occupancy.		LS	
PLUMBING	Ç			
	9			
24	Renewing and repairing plumbing & sanitary items in toilets including making good all damages WC Seat, Gully Trap, Pipe Lines, Flush cistern, flush pipes, PVC pillar taps, PVC Waste Pipes, Pipelines, gate valve and Gratings of approved brand and manufacturer.		LS	
	Sub Total(Civil Work)			
	Electrical Work			
1	Point wiring in PVC conduit with modular	type swi	tch.	
	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. single conductor single conduct			
	core cable etc. as required. Group C	24	Point	
2			Tomt	
	Wiring through PVC conduit Wiring for circuit/submain wiring along with earth		<u> </u>	
	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	200	Metre	
3	A/C point			
1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	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)	1	Point	
4	Modular type blanking plate:		Γ	
	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.(Make: Legrand/Havells/HPL)	1	Each	
5	Modular boxes, bases & cover pla	ate:		

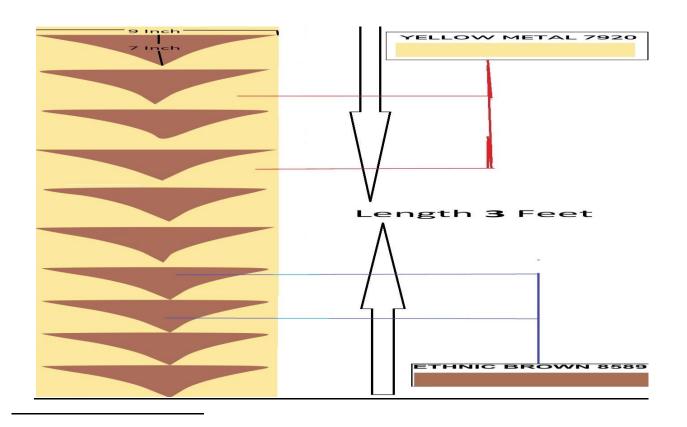
	Supplying and fixing following size/modules, GI box along with modular base & cover plate for modular switches in recess etc as required.(Make: Legrand/Havells/HPL)			
a	2 module	6	Each	
b	3 module	6	Each	
С	6 module	6	Each	
6	Modular type switch/socket:	T	1	
	Supplying and fixing following modular switch/socket 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	20	Each	
b	3 pin 5/6 Amp socket outlet	20	Each	
c	15/16 Amps switch	6	Each	
d	•	6	Each	
u	6pin 15/16 Amps (universal) socket outlet	U	Lacii	
7	S/F PVC conduit:	<u> </u>	<u> </u>	
,	Supplying and fixing of following sizes of medium class PVC conduit/Casing Cap G 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	50	Metre	
b	25 mm	150	Metre	
	Installation Testing & Commision	oning		
8	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.	oning 6	Each	
8	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,		Each Each	
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. ITC Ceiling fan/Wall 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,	6		
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. ITC Ceiling fan/Wall 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. 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. S/F of SPN MCB PDB	2	Each	
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. ITC Ceiling fan/Wall 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. 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.	2	Each	
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. ITC Ceiling fan/Wall 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. 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. 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	2	Each	
9 10 11	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. ITC Ceiling fan/Wall 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. 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. 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)	2	Each	
9 10 11	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. ITC Ceiling fan/Wall 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. 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. 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) 6 way Double door, horizontal type	2 2	Each Each	

12	S/F OF SP MCB			
	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.			
	6/32 A SP MCB	12	Each	
13	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)	2	Each	
14	Supply and installation of 18 W CFL with its all accessories.[ISI MAKE]	6	Each	
	Miscellaneous Items			
15	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)			
	2 X 4 sq. mm + 1 X 4 sq. mm earth wire (3 Nos. of 4 Sq.mm wire)	8	Metre	
	Sub Total (Electrical Work)			
	Total (Civil & Electrical Work)			
	GST @ 18%			
	Grand Total (Including GST @ 18%)			

DESIGN

1) BORDER





All Measurements in Feet





