## HLL LIFECARE LIMITED

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

## **INVITATION FOR BIDS (IFB) – AMENDMENT NO: 11**

- Sub: Amendment Notice 11 Civil and Electrical works (Renovation) for setting up of Audiometry rooms at various civil hospitals in Southern Haryana
- Ref: IFB Ref No HLL/CHO/PROJ/HCD/HAR-AUD/SOUTH/C&E/2017-18 dated 01-02-2018

### Amendment Date: 10-05-2018

With reference to the above, please find the following amendments:

- 1. The scheduled date for issue, receipt and opening of bids is hereby amended as follows.
  - a) Date of issue of tender document
- 01-02-2018 onwards
- b) Last date and time for receipt of bids
- 15-05-2018 up to 15.00 Hrs.
- c) Date and time of opening of bids
- 15-05-2018, 15.30 Hrs.
- 2. Schedule V: Schedule of Work is Amended and Schedule V Amended is enclosed.

All other terms and conditions of the tender remain unchanged.

SENIOR MANAGER (PROJECTS)

	SCHEDULE OF WO	RK - BHIWA	ANI						
SUB:	Civil & Electrical works for setting up of Audiometry room at District Hospital, Bhiwani, Haryana								
S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT				
	Civil Works								
CEMEN	T CONCRETE								
	Cement concrete 1:5:10 (1 cement ,5 sand , 10 hard blue granite stone metal 40mm and down gauge) laid in layers not exceeding 15cm each in depth and well consolidated in foundation/levelling course including necessary shuttering , in steps, in floors, etc . all complete as directed.		M.CUBE						
	Cement concrete 1:4:8 (1 cement ,4 sand , 8 hard blue granite stone metal 40mm and down gauge in layers not exceeding 15 cms in depth well consolidated in foundation and levelling course under floors including necessary shuttering, in steps etc all complete as directed.	1.00	M.CUBE						
MASON	RY WORK								
	Brickwork of locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in cement mortar 1:5 (1 cement,5 sand) in foundation and plinth. No extra payment will be paid for any shape or size,turnings, fins, etc unless otherwise specified seperately.		M.CUBE						
	Half brickwork with locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in CM 1:3 (1 cement 3 sand) and reinforced with two numbers of 6mm dia. M.S rods at every fourth course embedded in cement mortar 1:4 for partitions.								
	In Ground Floor	6.00	M.SQ						
FLOORI	NG								
	Providing & laying first class full body vitrified ceramic tile of make Kajaria/ Restile/Johnson or equivqlent of size 600mmx600mmx 9.5mm or approved size of approved colour (matt finish) in flooring using spacer of required size (2mm-4mm) from endura or equivalent over a bed of cement mortar 1:4 of required thickness to match finished floor level mentioned and to match the neighbouring floor finish and jointed with epoxy grout of approved shade from Bal Endura or equivalent brand all complete as directed.(Basic cost of tile - Rs.85/sft).Any difference in basic price and OHP at the time of approval shall be adjusted for the laid	16.00	M.SQ						

	SCHEDULE OF WOR								
SUB:	Civil & Electrical works for setting up of Audiometry room at District Hospital, Bhiwani, Haryana								
SUB. S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT				
	area.No extra shall be payable for forming any pattern in the flooring like border, cut tiles,etc.								
	Providing and laying 600mm x 600mm or required size from Kajaria/ Restile/Johnson glazed tiles of plain series(Satin finish) in dado set in CM 1:3 with joints so as to form a true & even surface and joints finished neatly with white cement mixed with matching pigments all complete as directed. (Rate should include base plastering with CM 1:5 of required thickness.)	0.00	M.SQ						
	The rate shall include cost of providing 6mmx6mm groove in the plastering at top of the tile all complete as directed.(Basic cost of tile - Rs.85/sft).Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area.No extra shall be payable for forming any pattern like border, etc.								
	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite of any colour and shade. Area of slab over 0.50 sqm	0.00	M.SQ						
PLASTE	RING								
	Prepare surfaces and plaster with CM 1:3(1 cement, 3 sand) ,12mm minimum thick (sponge finish) to ceiling sides and soffit of beams and columns and other interior and exterior RCC surfaces not contiguous to masonry.	18.00	M.SQ						
	Prepare surfaces and plaster with CM 1:5(1 cement, 5 sand) ,12mm minimum thick to all interior faces of walls (sponge finish) including RCC surfaces not contiguous to masonry.Necessary internal grooves of size 10mmx10mm shall be carried out as shown/directed by engineer-in-charge.		M.SQ						
PAINTIN	NG								

	SCHEDULE OF WOR								
SUB:	Civil & Electrical works for setting up of Audiometry room at District Hospital, Bhiwani, Haryana								
SUD. S.No	DESCRIPTION	Tyana QTY	UNIT	RATE	AMOUNT				
	Prepare surfaces and paint two coats of plastic emulsion paint of approved colour over two coats of Gypsum punning of 6 mm minimum thick and primer all complete as per manufacturers specifications to all ceilings in all floors.		M.SQ						
	Finishing with oil bound washable Interior Emulsion of approved brand and manufacture to give an even shade : New work (two or more coats) over and including water thinnable priming coat with cement primer	112.00	M.SQ						
	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	12.00	M.SQ						
	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	9.00	M.SQ						
	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	112.00	M.SQ						
	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete		M.SQ						
	Finishing with Deluxe Multi surface paint system for exteriors using Primer as per manufacturers specifications : Two or more coats applied on walls @ 1.25 ltr/10 sqm		M.SQ						
DISMAN	VILING								
	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.	2.00	M.CUBE						

	SCHEDULE OF WOP								
SUB:	Civil & Electrical works for setting up of Audiometry room at District Hospital, Bhiwani, Harvana								
SCD. S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT				
	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.	1.00	M.CUBE						
	Dismantling Aluminium partition including disposing the debris away from site as directed by engineer in charge all complete.	36.00	SQM						
	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.	2.00	EACH						
	Dismantling Tile Flooring and Walls and disposing the debris away from site all complete as directed.	36.00	M.SQ						
FALSE (	CEILING & CLADDING								
	Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building , for all heights and all levels etc. including: Structural analysis & design and preparation of shop drawings for pressure equalisation or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design. Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metalic colour of approved shades made out of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc. The fastening brackets of Aluminium alloy 6005 T5 / MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specification		M.SQ						

	SCHEDULE OF WO	RK - BHIWA	NI						
CLID	Civil & Electrical works for setting up of Audiometry room at District Hospital, Bhiwani,								
SUB: S.No	DESCRIPTION	aryana QTY	UNIT	RATE	AMOUNT				
	and drawing The item includes cost of all material & labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding, cleaning and protection of the curtain wall with aluminium composite panel cladding till the handing over of the building for occupation. Base frame work for ACP cladding is payable under the relevant aluminium item.s The Contractor shall provide curtain wall with aluminium composite panel cladding, having all the performance characteristics all complete , as per the Architectural drawings, as per item description, as specified, as per the approved shop drawings and as directed by the Engineer-in-Charge. However, for the purpose of payment, only the actual area on the external face of the curtain wall with Aluminum Composite Panel Cladding (including width of groove) shall be measured in sqm. up to two decimal places."								
	Providing & fixing 35mm Flush doors 1.0 mm thk laminate as per design. The item includes Providing and fixing chaukhats made from 100mm x S0mm teak wood members. The Doors to have all hardware such as 125mm SS hinges, 450 mm long SS handles, SS tower bolts, Mortice Locks (Dorma/ Godrej). The item also includes SS rods 6mmx6mm inserted in grooves as per details complete to the satisfaction of Architects / HLL. Size of Door: 1000 x2100mm lncludlng chaukhats.	5.00	M.SQ						
	Providing and Fixing Acoustic tiles of 15 mm thickness and tegular edge, easily demountable tile, manufactured from High density glass wool, with the visible surface batch painted glass tissue in white and the back of the tile should be covered with glass tissue. The glass wool core of the tiles should be tested and classified as noncombustible according to prEN ISO 1182. The system should have Sound Absorption NRC value of 0.9 (according to ASTM C 423). Tiles should withstand a permanent ambient RH Upto 95% at 30*C without sagging, warping or delaminating (ISO 4611). The light reflectance of the tiles should not be less than 83%. Tiles certified by the indoor climate labeling and recommended by Swedish asthama and allergy association and granted Nordic Swan eco–label and fully recyclable. The glass wool core of the tiles should be tested and classified as non combustible according to EN ISO	16	M.SQ						

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	SCHEDULE OF WORK - BHIWANI Civil & Electrical works for setting up of Audiometry room at District Hospital, Bhiwani,								
SUB:	Haryana								
S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUN				
	1182 and the ceilings should fall under Class A2 –s1 d0 according to EN 13501- 1.								
	1182 and the ceilings should fall under Class A2 –s1 d0 according to EN 13501-1.Operable Acoustic Partitions (Type 2) – Training rooms (G.F.) (Without perforation) with openable and foldable doors alongwith complete arrangement 								
	suspended from steel supports by threaded rods. Each panel shall be top supported by two trolley assemblies comprising steel ball bearing wheels. Partitions to be complete with Veneer in both sides as per approved sample (with a base rate of Rs. 200 Per Sqft). Panels shall have operable top and bottom seals simultaneously operated by a removable handle. The seals shall not contact floor or track during movement of panels. Panels shall also feature horizontal seals for stabilization and acoustic performance. Final partition closure to be accomplished by lever closure panel of same construction as basic panel but provided with an expanding jamb operated by a removable handle. The partition shall have been tested by an independent acoustical laboratory and shall have weighted SRI (Rw) of at least 51 in accordance with ASTM E90/DIN 52210. After installation, operable partition shall be tested by manufacturer in presence of client's representative and consultant. Noise reduction measurements shall be made in accordance with ASTM E336. NIC shall be calculated as per ASTM E413. Noise reduction shall meet NIC 51. Entire work to be done complete as per drawings, specifications and direction of E-I-C.	72	M.SQ						

	SCHEDULE OF WOR	RK - BHIWA	NI						
SUB:	Civil & Electrical works for setting up of Audiometry room at District Hospital, Bhiwani, Haryana								
S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT				
	Providing and Fixing Wooden false Ceiling comprising of a Galvanized MS frame as required covered with 12 mm thick Marine ply, followed by 6 mm premium quality MDF for making groove and finished with a natural veneer (as approved) of 3.5 mm thickness duly Spirit polished with melamine matt coating. The ceiling shall be fixed to the roof soffit with adequate suspenders. The item shall be inclusive of cutting & making cutouts for lights, diffusers etc all complete. (veneer with basic cost Upto Rs:100 per sft FOR site)	0	M.SQ						
	Total for Civil Works								
	Electrical Works								
1	Point wiring in PVC conduit with modular type switch.								
	Wiring for light point/fan point/exhaust fan point /call bell point with 1.5 sq mm FR PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit, with modular switch, modular plate, suitable PVC box and earthing the point with 1.5 sq.mm FR PVC insulated copper conductor single core cable etc as required.								
	Group C	4	Point						
2	Wiring through PVC conduitWiring 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)								
а	2X1.5 sq.mm + 1X1.5 sq.mm earth wire	26	Metre						
b	2X2.5 sq.mm + 1 X2.5 sq mm earth wire	18	Metre						
с	2X4 sq.mm + 1X4 sq.mm earth wire	0	Metre						
2.1	Telephone wiring in existing conduit:Supplying and drawing following pair 0.5 sq mm FRPVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required.								
а	2 Pair	0	Metre						
3	A/C point								

	SCHEDULE OF WORK - BHIWANI								
SUB:	Civil & Electrical works for setting up of Audiometry room at District Hospital, Bhiwani, Haryana								
S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT				
	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)	2	Point						
4	Modular type blanking plate:								
	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.(Make: Legrand/Havells/HPL)	0	Each						
5									
5	Modular boxes, bases & cover plate:Supplying and fixing following size/modules, GIbox along with modular base & cover plate formodular switches in recess etc as required.(Make:Legrand/Havells/HPL)								
а	3 module	2	Each						
b	4 module	1	Each						
b	6 module	4	Each						
6	Modular type switch/socket:Supplying and fixing following modularswitch/socket on the existing modular plate &switch box including connections but excludingmodular plate etc as required. (Make:Legrand/Havells/HPL)								
а	5/6 Amps switch	8	Each						
b	3 pin 5/6 Amp socket outlet	8	Each						
c	15/16 Amps switch	2	Each						
d	6pin 15/16 Amps (universal) socket outlet	2	Each						
e	Telephone socket outlet	0	Each						
7	S/F PVC conduit:								
	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.(ISI Make)								
а	20 mm	28	Metre						

	SCHEDULE OF WO								
SUB:	Civil & Electrical works for setting up of Audiometry room at District Hospital, Bhiwani, Haryana								
S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT				
b	25 mm	18	Metre						
8	<b>ITC Fluorescent fitting directly on surface:</b> 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	4	Each						
9	required. <b>ITC Ceiling fan:</b> 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.	0	Each						
10	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.	0	Each						
11	CABLE SUPPLY, LAYING AND TERMINATION								
	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.								
а	From Main to DB								
	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	25	Metre						
12	Supply of 10W LED fittings with decorative end cap, powder coated CRCA steel channel complete with all electrical accessories like electronic ballast, lamp holder, 10W lamp etc complete as required. (Havells LHEWEBP7IN1W010/	4	Each						
12.1	Supply and installation of 18 W CFL with its all accessories.	0	Each						
13	Supply and installation of 1200 mm sweep Ceiling fan, white colour, 5 star rated as per BEE complete with blades, down rod, shackle, canopy etc(Make Havells/bajaj/usha/V-guard/Crompton)	0	Each						

SUB:     Haryana       S.No     DESCRIPTION     QTY     UNIT     RAT       13.1     Supply and installation wall fan, white colour, 5 star rated as per BEE complete with its all accessories(Make Havells/baja/usha/V-guard)     0     Each       14     S/F SP & N DB:     0     Each       14     S/F SP & N DB:     0     0       15     Miscellancous lectrical work, removing of existing conduits and interconnections, of light,6A     0     L3ch		SCHEDULE OF WO	RK - BHIWA	NI						
13.1       Supply and installation wall fan, white colour, 5 star rated as per BEE complete with its all accessories(Make Havells/bajaj/usha/V-guard)       0       Each         14       S/F SP & N DB:       0       Each         14       S/F SP & N DB:       0       Each         MCB, distribution board of steel sheet for 240 volts on surface/recess complete with loose wire box, terminal connectors for all incoming and outgoing circuits, duly prewired with suitable size FR PVC insulated copper conductor up to terminal blocks, timmed copper bus bar, neutral link, earth bar, detachable gland plate, interconnections, powder painted including earthing etc.as required(Mate: Legrand/Havells/HPL)       0       Each         14.1       S/F of DP ISOLATIOR       0       Each         14.1       S/F of DP ISOLATIOR       0       Each         14.1       S/F of SP MCB       0       Each         14.1       S/F of SP ISOLATIOR       1       Each         14.1       S/F of SP ISOLATIOR       0       Each         14.1       S/F of SP MCB       1       Each         14.2       S/F of SP MCB       1       Each         14.1       S/F of SP MCB       0       Each         14.1       S/F of SP MCB       1       Each         14.2       S/F of SP MCB       0       Each         14.2	UB:	Civil & Electrical works for setting up of Audiometry room at District Hospital, Bhiwani, Haryana								
rated as per BEE complete with its all accessories(Make Havells/bajaj/usha/V-guard)       0       Each         14       S/F SP & N DB:           Supplying and fixing following way prewired SP&N MCB, distribution board of steel sheet for 240 volts on surface/recess complete with loose wire box, terminal connectors for all incoming and outgoing circuits, duly prewired with suitable size FR PVC insulated copper conductor up to terminal blocks, tinned copper conductor up to terminal blocks, tinned including earthing etc.as required(But without MCB/RCCB/Isolator) (Make: Legrand/Havells/HPL)          4       way SPN, double door       0       Each         6       way SPN, double door       1       Each         14.1       S/F of D ISOLATOR           Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, ISOLATOR having a sensitivity current upto 100 to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc, as required.(Make: Legrand/Havells/HPL)          40A, DP isolator       1       Each         14.2       S/F of SP MCB           Supplying and fixing 6 amps to 10 amps rating, 240 Volts, "C" series, miniature circuit breaker suitable for lighting and other loads of following poles in the existing MCB DB complete with connections, testing and commissioning etc as required.(Make: Legrand/Havells/HPL)          6/10A SP MCB       4       Each          1	S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT				
SIT ST & CTUDE.         Supplying and fixing following way prewired SP&N MCB, distribution board of steel sheet for 240 volts on surface/recess complete with loose wire box, terminal connectors for all incoming and outgoing circuits, duly prewired with suitable size FR PVC insulated copper conductor up to terminal blocks, tinned copper bus bar, neutral link, earth bar, detachable gland plate, interconnections, powder painted including earthing etc.as required(But without MCB/RCCB/Isolator) (Make: Legrand/Havells/HPL)         4 way SPN, double door       0         5 way SPN, double door       1         Each       1         14.1       S/F of DP ISOLATOR         Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, ISOLATOR having a sensitivity current upto 100 to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc, as required.(Make: Legrand/Havells/HPL)         40A, DP isolator       1         32A, DP Isolator       0         Supplying and fixing 6 amps to 10 amps rating, 240 Volts, "C" series, miniature circucit breaker suitable for lighting and other loads of following poles in the existing MCB DB complete with connections, testing and commissioning etc as required.(Make: Legrand/Havells/HPL)         6/10A SP MCB       4         15.1       Miscellaneous Items         15.1       Miscellaneous ltems         15.2       Miscellaneous stems	1	rated as per BEE complete with its all	0	Each						
Supplying and fixing following way prewired SP&N         MCB, distribution board of steel sheet for 240 volts         on surface/recess complete with loose wire box,         terminal connectors for all incoming and outgoing         circuits, duly prewired with suitable size FR PVC         insulated copper conductor up to terminal blocks,         tinned copper conductor up to terminal blocks,         tinned copper conductor up to terminal blocks,         tinned copper solution         painted including earthing etc.as required(But         without       MCB/RCCB/Isolator)         (Make:         Legrand/Havells/HPL)         4 way SPN, double door         5 way SPN, double door         14.1         S/F of DP ISOLATOR         Supplying and fixing following rating, double pole,         (single phase and neutral), 240 volts, ISOLATOR         having a sensitivity current upto 100 to 300         milliamperes in the existing MCB DB complete with         connections, testing and commissioning etc, as         required.(Make: Legrand/Havells/HPL)         40A, DP isolator         1       Each         14.2       S/F of SP MCB         Supplying and fixing 6 amps to 10 amps rating, 240         Volts, "C": rese, miniture cirucuit breaker suitable         for	14	S/E SD & N DD.								
6 way SPN, double door       1       Each         14.1       S/F of DP ISOLATOR       1       Each         Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, ISOLATOR having a sensitivity current upto 100 to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc, as required.(Make: Legrand/Havells/HPL)       1       Each         40A, DP isolator       1       Each       1         32A, DP Isolator       0       Each         14.2       S/F of SP MCB       1       Each         Supplying and fixing 6 amps to 10 amps rating, 240 Volts, "C" series, miniature cirucuit breaker suitable for lighting and other loads of following poles in the existing MCB DB complete with connections, testing and commissioning etc as required.(Make: Legrand/Havells/HPL)       4       Each         15       Miscellaneous Items       1       Isolator       1         15.1       Miscellaneous electrical work, removing of existing conduits and interconnections of light,6A socket/I6A socket/A/C point from existing DB       0       LS         15.2       Miscellaneous work for supply and fixing of 1-tube light       1       LS		Supplying and fixing following way prewired SP&N MCB, distribution board of steel sheet for 240 volts on surface/recess complete with loose wire box, terminal connectors for all incoming and outgoing circuits, duly prewired with suitable size FR PVC insulated copper conductor up to terminal blocks, tinned copper bus bar, neutral link, earth bar, detachable gland plate, interconnections, powder painted including earthing etc.as required(But without MCB/RCCB/Isolator) (Make:								
14.1       S/F of DP ISOLATOR         14.1       S/F of DP ISOLATOR         Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, ISOLATOR having a sensitivity current upto 100 to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc, as required.(Make: Legrand/Havells/HPL)         40A, DP isolator       1         Each       32A, DP Isolator         0       Each         14.2       S/F of SP MCB         Supplying and fixing 6 amps to 10 amps rating, 240 Volts, "C" series, miniature cirucuit breaker suitable for lighting and other loads of following poles in the existing MCB DB complete with connections, testing and commissioning etc as required.(Make: Legrand/Havells/HPL)         6/10A SP MCB       4         15.1       Miscellaneous lectrical work, removing of existing conduits and interconnections of light,6A socket/16A socket/A/C point from existing DB       0         15.2       Miscellaneous work for supply and fixing of 1-tube light       0		4 way SPN, double door	0	Each						
Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, ISOLATOR having a sensitivity current upto 100 to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc, as required.(Make: Legrand/Havells/HPL)         40A, DP isolator       1         5/F of SP MCB       0         Supplying and fixing 6 amps to 10 amps rating, 240 Volts, "C" series, miniature cirucuit breaker suitable for lighting and other loads of following poles in the existing MCB DB complete with connections, testing and commissioning etc as required.(Make: Legrand/Havells/HPL)         6/10A SP MCB       4         Each       15         Miscellaneous Items       1         15.1       Miscellaneous electrical work, removing of existing conduits and interconnections of light,6A socket/16A socket/A/C point from exisitng DB       0         15.2       Miscellaneous work for supply and fixing of 1-tube light       1		6 way SPN, double door	1	Each						
32A, DP Isolator       0       Each         14.2       S/F of SP MCB		Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, ISOLATOR having a sensitivity current upto 100 to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc, as								
14.2       S/F of SP MCB         Supplying and fixing 6 amps to 10 amps rating, 240       Volts, "C" series, miniature cirucuit breaker suitable for lighting and other loads of following poles in the existing MCB DB complete with connections, testing and commissioning etc as required.(Make: Legrand/Havells/HPL)         6/10A SP MCB       4         Each       15         Miscellaneous Items       15.1         Miscellaneous electrical work, removing of existing conduits and interconnections of light,6A socket/16A socket/A/C point from existing DB       0       LS         15.2       Miscellaneous work for supply and fixing of 1-tube light       0       LS		40A, DP isolator	1	Each						
Supplying and fixing 6 amps to 10 amps rating, 240         Volts, "C" series, miniature cirucuit breaker suitable         for lighting and other loads of following poles in the         existing MCB DB complete with connections,         testing and commissioning etc as required.(Make:         Legrand/Havells/HPL)         6/10A SP MCB         4         Each         15         Miscellaneous Items         15.1         Miscellaneous electrical work, removing of existing         conduits and interconnections of light,6A         socket/16A socket/A/C point from existing DB         15.2	,	32A, DP Isolator	0	Each						
Volts, "C" series, miniature cirucuit breaker suitable for lighting and other loads of following poles in the existing MCB DB complete with connections, testing and commissioning etc as required.(Make: Legrand/Havells/HPL)	14.2	S/F of SP MCB								
15       Miscellaneous Items         15.1       Miscellaneous electrical work, removing of existing conduits and interconnections of light,6A socket/16A socket/A/C point from existing DB         15.2       Miscellaneous work for supply and fixing of 1-tube light	1	Volts, "C" series, miniature cirucuit breaker suitable for lighting and other loads of following poles in the existing MCB DB complete with connections, testing and commissioning etc as required.(Make:								
15.1       Miscellaneous electrical work, removing of existing conduits and interconnections of light,6A       0       LS         15.2       Miscellaneous work for supply and fixing of 1-tube light       0       LS	(	6/10A SP MCB	4	Each						
conduits and interconnections of light,6A       0       LS         socket/16A socket/A/C point from existing DB           15.2       Miscellaneous work for supply and fixing of 1-tube light	15	Miscellaneous Items								
conduits and interconnections of light,6A       0       LS         socket/16A socket/A/C point from exisiting DB       0       LS         15.2       Miscellaneous work for supply and fixing of 1-tube light       0       0	15 1	Missellensous slostrigelenselense in Contri								
		conduits and interconnections of light,6A socket/16A socket/A/C point from exisitng DB	0	LS						
&1-3 star rated ceiling fan with its all accessories only as per the direction of engineer in charge.[ISI MAKE]       0       Ls		&1- 3 star rated ceiling fan with its all accessories only as	0	Ls						
Total for Electrical Works           Sub Total (Civil & Electrical) (Rs:)										

	SCHEDULE OF WOR	K - BHIWA	NI						
	Civil & Electrical works for setting up of Au	idiometry r	oom at Distri	ct Hospital,	Bhiwani,				
SUB:	Haryana								
S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT				
	GST								
	Grand Total (Inclusive of GST)								
	complete the work as per the schedule at the rate	e quoted by							
me as ab	ove.								
Date:				B	lidder:				

	SCHEDULE OF WORK - FARI	DABAD			
CLID	Civil & Electrical works for setting up of Audiometry	y room at	District Ho	spital, Fa	ridabad,
SUB: S.No	Haryana DESCRIPTION	QTY	UNIT	RATE	AMOUNT
5.110	Civil Works	QH	UNII	NAIL	AMOUNT
CEMEN	Ступ works Т СОЛСКЕТЕ				
CEME	Cement concrete 1:5:10 (1 cement ,5 sand , 10 hard blue				
	granite stone metal 40mm and down gauge) laid in layers not exceeding 15cm each in depth and well consolidated in foundation/levelling course including necessary shuttering, in steps, in floors, etc. all complete as directed.		M.CUBE		
	Cement concrete 1:4:8 (1 cement ,4 sand , 8 hard blue				
	granite stone metal 40mm and down gauge in layers not exceeding 15 cms in depth well consolidated in foundation and levelling course under floors including necessary shuttering, in steps etc all complete as directed.	1.00	M.CUBE		
MASON	RY WORK				
	Brickwork of locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in cement mortar 1:5 (1 cement,5 sand) in foundation and plinth. No extra payment will be paid for any shape or size,turnings, fins, etc unless otherwise specified seperately.		M.CUBE		
	Half brickwork with locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in CM 1:3 (1 cement 3 sand) and reinforced with two numbers of 6mm dia. M.S rods at every fourth course embedded in cement mortar 1:4 for partitions.				
	In Ground Floor	6.00	M.SQ		
FLOOR	NG				
	Providing & laying first class full body vitrified ceramic tile of make Kajaria/ Restile/Johnson or equivalent of size 600mmx600mmx 9.5mm or approved size of approved colour (matt finish) in flooring using spacer of required size (2mm- 4mm) from endura or equivalent over a bed of cement mortar 1:4 of required thickness to match finished floor level mentioned and to match the neighbouring floor finish and jointed with epoxy grout of approved shade from Bal Endura or equivalent brand all complete as directed.(Basic cost of tile - Rs.85/sft).Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area.No extra shall be payable for forming any pattern in the flooring like border, cut tiles,etc.	34.00	M.SQ		

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	SCHEDULE OF WORK - FARIDABAD Civil & Electrical works for setting up of Audiometry room at District Hospital, Faridabad,						
GUD	01	y room at	District Ho	ospital, Fa	ridabad,		
SUB: S.No	Haryana DESCRIPTION	ΟΤΝ	UNIT	RATE	AMOUNT		
	Providing and laying 600mm x 600mm or required size from Kajaria/ Restile/Johnson glazed tiles of plain series(Satin finish) in dado set in CM 1:3 with joints so as to form a true & even surface and joints finished neatly with white cement mixed with matching pigments all complete as directed. (Rate should include base plastering with CM 1:5 of required thickness.) The rate shall include cost of providing 6mmx6mm groove in the plastering at top of the tile all complete as directed.(Basic cost of tile - Rs.85/sft).Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area.No extra shall be payable for forming any pattern like border, etc.	<b>QTY</b> 0.00	M.SQ				
	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite of any colour and shade. Area of slab over 0.50 sqm	0.00	M.SQ				
PLASTE	1						
	Prepare surfaces and plaster with CM 1:3(1 cement, 3 sand) ,12mm minimum thick (sponge finish) to ceiling sides and soffit of beams and columns and other interior and exterior RCC surfaces not contiguous to masonry.	18.00	M.SQ				
	Prepare surfaces and plaster with CM 1:5(1 cement, 5 sand) ,12mm minimum thick to all interior faces of walls (sponge finish) including RCC surfaces not contiguous to masonry.Necessary internal grooves of size 10mmx10mm shall be carried out as shown/directed by engineer-in-charge.		M.SQ				
PAINTIN	I G						
	Prepare surfaces and paint two coats of plastic emulsion paint of approved colour over two coats of Gypsum punning of 6 mm minimum thick and primer all complete as per manufacturers specifications to all ceilings in all floors.		M.SQ				
	Finishing with oil bound washable Interior Emulsion of approved brand and manufacture to give an even shade : New work (two or more coats) over and including water thinnable priming coat with cement primer	112.00	M.SQ				

SUB:         Haryana           S.No         DESCRIPTION         Q           Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm of approved brand and manufacture         1           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         1           Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.80 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/10 sqm of approved brand and manufacture         1           Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.         1           Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete         1           Bismantling plastered brickwalls in cement mortar including cleaning, stacking the useful materials as directed by engineerin-charge and dumping the dismantled debris as indicated at site, leveling, consolidating, all complete as directed and disposing the debris away from site all complete.         2           Dismantling the existing RCC concrete including cutting the reinforcement, stacking the useful materials as directed by engineerin-charge, dumping the dismantled debris as indicated at site, leveling, consolidating, all complete as directed and disposing the debris away from site all complete.         3           Dismantling Aluminium partition including disposi	ABAD							
S.No       DESCRIPTION       Q         Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm of approved brand and manufacture       1         Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm or an under coat of primer applied @ 0.80 ltr/10 sqm or an under coat of primer applied @ 0.80 ltr/10 sqm or an under coat of primer applied @ 0.80 ltr/10 sqm or an under coat of primer applied @ 0.80 ltr/10 sqm of approved brand and manufacture       11         Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.       11         Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete       11         DISMANTLING       11       12         DISMANTLING       12       11/10 sqm         Dismantling plastered brickwalls in cement mortar including cleaning, stacking the useful materials as directed and disposing the debris away from site all complete as directed and disposing the debris away from site all complete as directed and disposal of debris away from site all complete.       2         Dismantling Aluminium partition including disposing the debris away from site all complete.       3         Dismantling Aluminium partition including disposing the debris away from site as directed by engineer-in-charge all complete.       3         Dismantling Aluminium partition including disposing the debris away from site as directed by	Civil & Electrical works for setting up of Audiometry room at District Hospital, Faridabad,							
Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufacture         Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/10 sqm or approved brand and manufacture         Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.         Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete         Finishing with Deluxe Multi surface paint system for exteriors using Primer as per manufacturers specifications : Two or more coats applied on walls @ 1.25 ltr/10 sqm         DISMANTLING         Dismantling plastered brickwalls in cement mortar including cleaning, stacking the useful materials as directed by engineerin-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.         Dismantling Aluminium partition including disposing the debris away from site as directed by engineer in charge all complete.       1         Dismantling Aluminium partition including disposing the debris away from site as directed by engineer in charge all complete.       3         Dismantling Aluminium partition including disposing the debris away from site as directed by engineer in charge all complete.       3         Dismantling of flushin	OTN		DATE					
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       1         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       9         Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.       11         Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete       11         Finishing with Deluxe Multi surface paint system for exteriors using Primer as per manufacturers specifications : Two or more coats applied on walls @ 1.25 ltr/10 sqm       2         DISMANTLING       0       12         Dismantling plastered brickwalls in cement mortar including cleaning, stacking the useful materials as directed by engineerin-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.       1         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         Dismantling Aluminium partition including disposing the debris away from site as directed by engineer in charge all disposal of dusery away from site as directed by engineer in	QTY	UNIT	RATE	AMOUN				
over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufacture         1           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         5           Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.         11           Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete         11           Finishing with Deluxe Multi surface paint system for exteriors using Primer as per manufacturers specifications : Two or more coats applied on walls @ 1.25 ltr/10 sqm         2           DISMANTLING         11         2           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 and disposal of debris away from site all complete.         1           Dismantling Aluminium partition including disposing the debris away from site as directed by engineer in charge and yrom site as directed by engineer in charge all disposal of debris away from site all complete.         3           Dismantling the existing RCC concrete including disposing the debris away from site as directed by engineer in charge all disposal of debris away from site all complete.         3           Dism								
approved brand and manufacture       Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltt/ 10 sqm over an under coat of primer applied @ 0.80 ltt/ 10 sqm of approved brand and manufacture         Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.       11         Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete       11         Finishing with Deluxe Multi surface paint system for exteriors using Primer as per manufacturers specifications : Two or more coats applied on walls @ 1.25 ltr/10 sqm       2         DISMANTLING       Dismantling plastered brickwalls in cement mortar including cleaning, stacking the useful materials as directed by engineer-in-charge and dumping the dismantled debris as indicated at site, levelling, consolidating, all complete as directed and disposing the debris away from site all complete as directed and disposal of debris away from site all complete.       1         Dismantling Aluminium partition including disposing the debris away from site all complete.       1       3         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.       2         Dismantling 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.       2	12.00	M.SQ						
even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over       or         an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved       brand and manufacture         Providing and applying plaster of paris putty of 2 mm thickness       over plastered surface to prepare the surface even and smooth         complete.       11         Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary       11         repairs to scratches etc. complete       11         Finishing with Deluxe Multi surface paint system for exteriors using Primer as per manufacturers specifications : Two or more coats applied on walls @ 1.25 ltr/10 sqm       12         DISMANTLING       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 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.       13         Dismantling Aluminium partition including disposing the debris away from site as directed by engineer in charge all complete.       3         Dismantling of flushing cistern of all types (C1./PVC/Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.       2         Dismantling of flushing cistern of all types a								
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an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved       2         brand and manufacture       1         Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.       11         Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete       11         Finishing with Deluxe Multi surface paint system for exteriors using Primer as per manufacturers specifications : Two or more coats applied on walls @ 1.25 ltr/10 sqm       1         DISMANTLING       1       1         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 by engineer-in-charge, dumping the dismantled debris as indicated at site, leveling, consolidating, all complete as directed by engineer-in-charge, dumping the dismantled debris as indicated at site, leveling, consolidating, all complete 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         Dismantling Aluminium partition including disposing the debris away from site as directed by engineer in charge all complete.       3         Dismantling of flushing cistern of all types (C1./PVC/Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.       2         Dismantl								
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Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.       11         Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete       11         Finishing with Deluxe Multi surface paint system for exteriors using Primer as per manufacturers specifications : Two or more coats applied on walls @ 1.25 ltr/10 sqm       11         DISMANTLING       12       12         Dismantling plastered brickwalls in cement mortar including cleaning, stacking the useful materials as directed by engineerin-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 by engineerin-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         Dismantling Aluminium partition including disposing the debris away from site all complete.       3         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.       2         Dismantling Tile Flooring and Walls and disposing the debris       2	9.00	111.5Q						
over plastered surface to prepare the surface even and smooth complete.         11           Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete         11           Finishing with Deluxe Multi surface paint system for exteriors using Primer as per manufacturers specifications : Two or more coats applied on walls @ 1.25 ltr/10 sqm         11           DISMANTLING         12         12           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.         2           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           Dismantling Aluminium partition including disposing the debris away from site as directed by engineer in charge all complete.         3           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.         2								
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complete.       Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete         Finishing with Deluxe Multi surface paint system for exteriors using Primer as per manufacturers specifications : Two or more coats applied on walls @ 1.25 ltr/10 sqm         DISMANTLING         Dismantling plastered brickwalls in cement mortar including cleaning, stacking the useful materials as directed by engineer-in-charge and dumping the dismantled debris as indicated at site, levelling, consolidating, all complete as directed.         Dismantling the existing RCC concrete including cutting the reinforcement, stacking the useful materials as directed by engineer-in-charge, dumping the dismantled debris as indicated at site, leveling, consolidating, all complete as directed and disposal of debris away from site all complete.         Dismantling Aluminium partition including disposing the debris away from site as directed by engineer in charge all complete.         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.         Dismantling Tile Flooring and Walls and disposing the debris	112.00	M.SQ						
Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete         Finishing with Deluxe Multi surface paint system for exteriors using Primer as per manufacturers specifications : Two or more coats applied on walls @ 1.25 ltr/10 sqm         DISMANTLING         Dismantling plastered brickwalls in cement mortar including cleaning, stacking the useful materials as directed by engineerin-charge and dumping the dismantled debris as indicated at site, levelling, consolidating, all complete as directed.         Dismantling the existing RCC concrete including cutting the reinforcement, stacking the useful materials as directed by engineer-in-charge, dumping the dismantled debris as indicated at site, leveling, consolidating, all complete 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.         Dismantling Aluminium partition including disposing the debris away from site as directed by engineer in charge all complete.         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.	112.00	M.SQ						
papering and preparing the surface smooth including necessary         repairs to scratches etc. complete         Finishing with Deluxe Multi surface paint system for exteriors         using Primer as per manufacturers specifications : Two or more         coats applied on walls @ 1.25 ltr/10 sqm         DISMANTLING         Dismantling plastered brickwalls in cement mortar including         cleaning, stacking the useful materials as directed by engineer-         in-charge and dumping the dismantled debris as indicated at         site, levelling, consolidating, all complete as directed and         disposing the debris away from site all complete as directed by         engineer-in-charge, dumping the dismantled debris as indicated at         site, leveling, consolidating, all complete as directed by         engineer-in-charge, dumping the dismantled debris as indicated at         disposal of debris away from site all complete.         Dismantling Aluminium partition including disposing the         debris away from site as directed by engineer in charge all         complete.         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.								
papering and preparing the surface smooth including necessary         repairs to scratches etc. complete         Finishing with Deluxe Multi surface paint system for exteriors         using Primer as per manufacturers specifications : Two or more         coats applied on walls @ 1.25 ltr/10 sqm         DISMANTLING         Dismantling plastered brickwalls in cement mortar including         cleaning, stacking the useful materials as directed by engineer-         in-charge and dumping the dismantled debris as indicated at         site, levelling, consolidating, all complete as directed and         disposing the debris away from site all complete as directed by         engineer-in-charge, dumping the dismantled debris as indicated at         site, leveling, consolidating, all complete as directed by         engineer-in-charge, dumping the dismantled debris as indicated at         disposing the debris away from site all complete.         Dismantling Aluminium partition including disposing the         debris away from site as directed by engineer in charge all         complete.         Dismantling of flushing cistern of all types (C.L/PVC/Vitrious         China) including stacking of useful materials near the site and         disposal of unserviceable materials within 50 metres lead.								
Finishing with Deluxe Multi surface paint system for exteriors using Primer as per manufacturers specifications : Two or more coats applied on walls @ 1.25 ltr/10 sqm         DISMANTLING         Dismantling plastered brickwalls in cement mortar including cleaning, stacking the useful materials as directed by engineer-in-charge and dumping the dismantled debris as indicated at site, levelling, consolidating, all complete as directed and disposing the debris away from site all complete as directed by engineer-in-charge, dumping the dismantled debris as indicated at at site, leveling, consolidating, all complete 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.         Dismantling Aluminium partition including disposing the debris away from site as directed by engineer in charge all complete.         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.         Dismantling Tile Flooring and Walls and disposing the debris		M.SQ						
using Primer as per manufacturers specifications : Two or more coats applied on walls @ 1.25 ltr/10 sqm       Image: Coats applied on walls @ 1.25 ltr/10 sqm         DISMANTLING       Image: Coats applied on walls @ 1.25 ltr/10 sqm       Image: Coats applied on walls @ 1.25 ltr/10 sqm         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 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.       Image: Coats applied by the set of the set o								
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Dismantling Tile Flooring and Walls and disposing the debris	2.00	EACH						
away nom site an complete as directed.	36.00	M.SQ						

SCHEDULE OF WORK - FARIDABAD           Civil & Electrical works for setting up of Audiometry room at District Hospital, Farida           SUB:							
S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT		
	Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building , for all heights and all levels etc. including: Structural analysis & design and preparation of shop drawings for pressure equalisation or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design. Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metalic colour of approved shades made out of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc. The fastening brackets of Aluminium alloy 6005 T5 / MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specification and drawing The item includes cost of all material & labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding, leaning and protection of the curtain wall with aluminium composite panel cladding till the handing over of the building for occupation. Base frame work for ACP cladding is payable under the relevant aluminium item.s The Contractor shall provide curtain wall with aluminium composite panel cladding, having all the		M.SQ				
	Providing & fixing 35mm Flush doors 1.0 mm thk laminate as per design. The item includes Providing and fixing chaukhats made from 100mm x S0mm teak wood members. The Doors to have all hardware such as 125mm SS hinges, 450 mm long SS handles, SS tower bolts, Mortice Locks (Dorma/ Godrej). The item also includes SS rods 6mmx6mm inserted in grooves as per details complete to the satisfaction of Architects / HLL.	5.00	M.SQ				

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	SCHEDULE OF WORK - FARIDABAD							
Civil & Electrical works for setting up of Audiometry room at District Hospital, SUB: Haryana								
SUB: S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT			
5.110		Q11						
	Providing and Fixing Acoustic tiles of 15 mm thickness and tegular edge, easily demountable tile, manufactured from High density glass wool, with the visible surface batch painted glass tissue in white and the back of the tile should be covered with glass tissue. The glass wool core of the tiles should be tested and classified as noncombustible according to prEN ISO 1182. The system should have Sound Absorption NRC value of 0.9 (according to ASTM C 423). Tiles should withstand a permanent ambient RH Upto 95% at 30*C without sagging, warping or delaminating (ISO 4611). The light reflectance of the tiles should not be less than 83%. Tiles certified by the indoor climate labeling and recommended by Swedish asthama and allergy association and granted Nordic Swan eco–label and fully recyclable. The glass wool core of the tiles should be tested and classified as non combustible according to EN ISO 1182 and the ceilings should fall under Class A2 –s1 d0 according to EN 13501-1.	34	M.SQ					
	Operable Acoustic Partitions (Type 2) – Training rooms (G.F.) (Without perforation) with openable and foldable doors alongwith complete arrangement and fittings required and as per the drawing. Supply and installation of operable acoustical partitions in designated area comprising individual panels 100mm thick and maximum 1200mm wide Panels shall be of all Steel construction and shall fully enclose and protect all edges of surface material with protective edge trim. Panel skins shall be of MDF Board (good quality Exterior Grade) laminated to steel structure and acoustical backing, mounted in full aluminium profile perimeter protective frames. Vertical sound seals between panels shall be tounge and groove configuration incorporating vinyl acoustical seals Panel weight shall not exceed 55 kg/sqm. Panels shall be suspended from roll-formed steel track system suspended from steel supports by threaded rods. Each panel shall be top supported by two trolley assemblies comprising steel ball bearing wheels. Partitions to be complete with Veneer in both sides as per approved sample (with a base rate of Rs. 200 Per Sqft). Panels shall have operable top and bottom seals simultaneously operated by a removable handle. The seals shall not contact floor or track during movement of panels. Panels shall also feature horizontal seals for stabilization and acoustic performance. Final partition closure to be accomplished by lever closure panel of same construction as basic panel but provided with an expanding jamb operated by a removable handle. The partition shall have been tested by an independent acoustical laboratory and shall have weighted SRI (Rw) of at least 51 in accordance with ASTM E90/DIN 52210. After installation, operable partition shall be tested by manufacturer in presence of client's representative and consultant. Noise reduction measurements shall be made in accordance with ASTM E336. NIC shall be	92	M.SQ					

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	SCHEDULE OF WORK - FARI	DABAD			
SUB:	Civil & Electrical works for setting up of Audiometry Haryana	room at	District H	ospital, Fa	ridabad,
S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	calculated as per ASTM E413. Noise reduction shall meet NIC 51. Entire work to be done complete as per drawings, specifications and direction of E-I-C.				
	Providing and Fixing Wooden false Ceiling comprising of a Galvanized MS frame as required covered with 12 mm thick Marine ply, followed by 6 mm premium quality MDF for making groove and finished with a natural veneer (as approved) of 3.5 mm thickness duly Spirit polished with melamine matt coating. The ceiling shall be fixed to the roof soffit with adequate suspenders. The item shall be inclusive of cutting & making cutouts for lights, diffusers etc all complete. (veneer with basic cost Upto Rs:100 per sft FOR site)	0	M.SQ		
	Total for Civil Works				
	Electrical Works				
1	Point wiring in PVC conduit with modular type switch.				
	Wiring for light point/fan point/exhaust fan point /call bell point with 1.5 sq mm FR PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit, with modular switch, modular plate, suitable PVC box and earthing the point with 1.5 sq.mm FR PVC insulated copper conductor single core cable etc as required.				
	Group C	4	Point		
2	Wiring through PVC conduit Wiring for circuit/submain wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/recessed medium class PVC conduit as required.(Make:Havells/Finolex/V-guard/Polycab)				
а	2X1.5 sq.mm + 1X1.5 sq.mm earth wire	26	Metre		
b	2X2.5 sq.mm + 1 X2.5 sq mm earth wire	18	Metre		
c	2X4 sq.mm + 1X4 sq.mm earth wire	0	Metre		
2.1	Telephone wiring in existing conduit:Supplying and drawing following pair 0.5 sq mm FR PVCinsulated annealed copper conductor, unarmored telephonecable in the existing surface/ recessed steel/ PVC conduit asrequired.				
a	2 Pair	0	Metre		
3	A/C point				

SCHEDULE OF WORK - FARIDABAD Civil & Electrical works for setting up of Audiometry room at District Hospital, Faridaba								
SUR	Civil & Electrical works for setting up of Audiometry room at District Hospital, Faridabad, Haryana							
	DESCRIPTION	QTY	UNIT	RATE	AMOUNT			
	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	2	Point					
	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)							
4	Modular type blanking plate:							
	Supplying and fixing modular blanking plate on the existing							
	modular plate & switch box excluding modular plate as	0	Each					
	required.(Make: Legrand/Havells/HPL)							
4 5 5 6 6 6 6 6 7 7	Modular boxes, bases & cover plate:							
	Supplying and fixing following size/modules, GI box along							
	with modular base & cover plate for modular switches in recess							
	etc as required.(Make: Legrand/Havells/HPL)							
а	3 module	2	Each					
b	4 module	1	Each					
b	6 module	4	Each					
6	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)							
а	5/6 Amps switch	8	Each					
b	3 pin 5/6 Amp socket outlet	8	Each					
c	15/16 Amps switch	2	Each					
d	6pin 15/16 Amps (universal) socket outlet	2	Each					
e	Telephone socket outlet	0	Each					
7	S/F PVC conduit:							
	Supplying and fixing of following sizes of medium class PVC							
	conduit along with accessories in surface/recess including							
	cutting the wall and making good the same in case of recessed							
а	conduit as required.(ISI Make) 20 mm	28	Metre					
b	25 mm	18	Metre					
		10	mene					

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	SCHEDULE OF WORK - FARI							
aus	Civil & Electrical works for setting up of Audiometry room at District Hospital, Faridabad, Harvana							
SUB:	Haryana	OTL		DATE				
S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT			
8	<b>ITC Fluorescent fitting directly on surface:</b> 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.	4	Each					
9	<b>ITC Ceiling fan:</b> 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.	0	Each					
10	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.	0	Each					
11	CABLE SUPPLY, LAYING AND TERMINATION							
11	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.							
а	From Main to DB							
	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	25	Metre					
12	Supply of 10W LED fittings with decorative end cap, powder coated CRCA steel channel complete with all electrical accessories like electronic ballast, lamp holder, 10W lamp etc complete as required. (Havells LHEWEBP7IN1W010/	4	Each					
12.1	Supply and installation of 18 W CFL with its all accessories.	0	Each					
13	Supply and installation of 1200 mm sweep Ceiling fan, white colour, 5 star rated as per BEE complete with blades, down rod, shackle, canopy etc(Make Havells/bajaj/usha/V- guard/Crompton)	0	Each					
13.1	Supply and installation wall fan, white colour, 5 star rated as per BEE complete with its all accessories(Make Havells/bajaj/usha/V-guard)	0	Each					
14								
14	S/F SP & N DB:							

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	SCHEDULE OF WORK - FARI	DABAD					
SUB:       Civil & Electrical works for setting up of Audiometry room at District Hospital, F         Haryana       Haryana							
	DESCRIPTION Haryana	ΟΤΥ	UNIT	RATE			
S.No	Supplying and fixing following way prewired SP&N MCB, distribution board of steel sheet for 240 volts on surface/recess complete with loose wire box, terminal connectors for all incoming and outgoing circuits, duly prewired with suitable size FR PVC insulated copper conductor up to terminal blocks, tinned copper bus bar, neutral link, earth bar, detachable gland plate, interconnections, powder painted including earthing etc.as required(But without MCB/RCCB/Isolator) (Make: Legrand/Havells/HPL)	QTY			AMOUNT		
	4 way SPN, double door	0	Each				
	6 way SPN, double door	1	Each				
14.1	S/F of DP ISOLATOR Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, ISOLATOR having a sensitivity current upto 100 to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc, as required.(Make: Legrand/Havells/HPL)						
	40A, DP isolator	1	Each				
	32A, DP Isolator	0	Each				
14.2	S/F of SP MCB Supplying and fixing 6 amps to 10 amps rating, 240 Volts, "C" series, miniature cirucuit breaker suitable for lighting and other loads of following poles in the existing MCB DB complete with connections, testing and commissioning etc as required.(Make: Legrand/Havells/HPL)						
	6/10A SP MCB	4	Each				
15	Miscellaneous Items						
15.1	Miscellaneous electrical work, removing of existing conduits and interconnections of light,6A socket/16A socket/A/C point from exisitng DB	0	LS				
15.2	Miscellaneous work for supply and fixing of 1-tube light &1- 3 star rated ceiling fan with its all accessories only as per the direction of engineer in charge.[ISI MAKE]	0	Ls				
	Total for Electrical Works						
	Sub Total (Civil & Electrical) (Rs:)						
	GST						
l agree t above.	Grand Total (Inclusive of GST) o complete the work as per the schedule at the rate quoted	by me as					
Date:					Bidder:		

	SCHEDULE OF WORK - GUR	GAON			
	Civil & Electrical works for setting up of Audiometr	y room at	District H	ospital, G	urgaon,
SUB:	Haryana				
S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
GENGEN	Civil Works				
CEMEN	ΓCONCRETE				
	Cement concrete 1:5:10 (1 cement ,5 sand , 10 hard blue granite stone metal 40mm and down gauge) laid in layers not exceeding 15cm each in depth and well consolidated in foundation/levelling course including necessary shuttering , in steps, in floors, etc. all complete as directed.		M.CUBE		
	Cement concrete 1:4:8 (1 cement ,4 sand , 8 hard blue granite stone metal 40mm and down gauge in layers not exceeding 15 cms in depth well consolidated in foundation and levelling course under floors including necessary shuttering, in steps etc all complete as directed.	1.00	M.CUBE		
MASON	RY WORK				
	Brickwork of locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in cement mortar 1:5 (1 cement,5 sand) in foundation and plinth. No extra payment will be paid for any shape or size,turnings, fins, etc unless otherwise specified seperately.		M.CUBE		
	Half brickwork with locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in CM 1:3 (1 cement 3 sand) and reinforced with two numbers of 6mm dia. M.S rods at every fourth course embedded in cement mortar 1:4 for partitions.				
	In Ground Floor	6.00	M.SQ		
FLOORI	NG				
	Providing & laying first class full body vitrified ceramic tile of make Kajaria/ Restile/Johnson or equivalent of size 600mmx600mmx 9.5mm or approved size of approved colour (matt finish) in flooring using spacer of required size (2mm- 4mm) from endura or equivalent over a bed of cement mortar 1:4 of required thickness to match finished floor level mentioned and to match the neighbouring floor finish and jointed with epoxy grout of approved shade from Bal Endura or equivalent brand all complete as directed.(Basic cost of tile - Rs.85/sft).Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area.No extra shall be payable for forming any pattern in the flooring like border, cut tiles,etc.	17.00	M.SQ		

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	SCHEDULE OF WORK - GUR	GAON			
~~~~	Civil & Electrical works for setting up of Audiometr	y room at	District H	ospital, G	ırgaon,
SUB:	Haryana			I	
S.No	<b>DESCRIPTION</b> Providing and laying 600mm x 600mm or required size from Kajaria/ Restile/Johnson glazed tiles of plain series(Satin finish) in dado set in CM 1:3 with joints so as to form a true & even surface and joints finished neatly with white cement mixed with matching pigments all complete as directed. (Rate should include base plastering with CM 1:5 of required thickness.) The rate shall include cost of providing 6mmx6mm groove in the plastering at top of the tile all complete as directed.(Basic cost of tile - Rs.85/sft).Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area.No extra shall be payable for forming any pattern like border, etc.	<b>QTY</b> 0.00	UNIT M.SQ	RATE	AMOUNT
	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite of any colour and shade. Area of slab over 0.50 sqm	0.00	M.SQ		
PLASTE	RING				
	Prepare surfaces and plaster with CM 1:3(1 cement, 3 sand) ,12mm minimum thick (sponge finish) to ceiling sides and soffit of beams and columns and other interior and exterior RCC surfaces not contiguous to masonry.	18.00	M.SQ		
	Prepare surfaces and plaster with CM 1:5(1 cement, 5 sand) ,12mm minimum thick to all interior faces of walls (sponge finish) including RCC surfaces not contiguous to masonry.Necessary internal grooves of size 10mmx10mm shall be carried out as shown/directed by engineer-in-charge.		M.SQ		
PAINTIN	IG				
	Prepare surfaces and paint two coats of plastic emulsion paint of approved colour over two coats of Gypsum punning of 6 mm minimum thick and primer all complete as per manufacturers specifications to all ceilings in all floors.		M.SQ		
	Finishing with oil bound washable Interior Emulsion of approved brand and manufacture to give an even shade : New work (two or more coats) over and including water thinnable priming coat with cement primer	112.00	M.SQ		

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	SCHEDULE OF WORK - GUR							
GUD	Civil & Electrical works for setting up of Audiometry room at District Hospital, Gurgaon, SUB: Haryana							
		OTV						
S.No	DESCRIPTION           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	<b>QTY</b> 12.00	UNIT M.SQ	RATE	AMOUNT			
	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	9.00	M.SQ					
	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	112.00	M.SQ					
	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete		M.SQ					
	Finishing with Deluxe Multi surface paint system for exteriors using Primer as per manufacturers specifications : Two or more coats applied on walls @ 1.25 ltr/10 sqm		M.SQ					
DISMAN	TLING							
	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.	2.00	M.CUBE					
	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.	1.00	M.CUBE					
	Dismantling Aluminium partition including disposing the debris away from site as directed by engineer in charge all complete.	36.00	SQM					
	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.	2.00	EACH					
	Dismantling Tile Flooring and Walls and disposing the debris away from site all complete as directed.	36.00	M.SQ					
FALSE (	CEILING & CLADDING							

	SCHEDULE OF WORK - GURGAON Civil & Electrical works for setting up of Audiometry room at District Hospital, Gurgaon,							
SUB:	Civil & Electrical works for setting up of Audiometry room at District Hospital, Gurgaon, Haryana							
S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT			
	Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building, for all heights and all levels etc. including: Structural analysis & design and preparation of shop drawings for pressure equalisation or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design. Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metalic colour of approved shades made out of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc. The fastening brackets of Aluminium alloy 6005 T5 / MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specification and drawing The item includes cost of all material & labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding, cleaning and protection of the curtain wall with aluminium composite panel cladding till the handing over of the building for occupation. Base frame work for ACP cladding is payable under the relevant aluminium item.s The Contractor shall provide curtain wall with aluminium composite panel cladding, having all the		M.SQ					
	Providing & fixing 35mm Flush doors 1.0 mm thk laminate as per design. The item includes Providing and fixing chaukhats made from 100mm x S0mm teak wood members. The Doors to have all hardware such as 125mm SS hinges, 450 mm long SS handles, SS tower bolts, Mortice Locks (Dorma/ Godrej). The item also includes SS rods 6mmx6mm inserted in grooves as per details complete to the satisfaction of Architects / HLL. Size of Door: 1000 x2100mm Including chaukhats.	5.00	M.SQ					

SCHEDULE OF WORK - GURGAON							
CUD.	Civil & Electrical works for setting up of Audiometry room at District Hospital, Gurgaon,						
SUB: S.No	Haryana DESCRIPTION	QTY	UNIT	RATE	AMOUNT		
	Providing and Fixing Acoustic tiles of 15 mm thickness and tegular edge, easily demountable tile, manufactured from High density glass wool, with the visible surface batch painted glass tissue in white and the back of the tile should be covered with glass tissue. The glass wool core of the tiles should be tested and classified as noncombustible according to prEN ISO 1182. The system should have Sound Absorption NRC value of 0.9 (according to ASTM C 423). Tiles should withstand a permanent ambient RH Upto 95% at 30*C without sagging, warping or delaminating (ISO 4611). The light reflectance of the tiles should not be less than 83%. Tiles certified by the indoor climate labeling and recommended by Swedish asthama and allergy association and granted Nordic Swan eco–label and fully recyclable. The glass wool core of the tiles should be tested and classified as non combustible according to EN ISO 1182 and the ceilings should fall under Class A2 –s1 d0 according to EN 13501-1.	17	M.SQ				
	Operable Acoustic Partitions (Type 2) – Training rooms (G.F.) (Without perforation) with openable and foldable doors alongwith complete arrangement and fittings required and as per the drawing. Supply and installation of operable acoustical partitions in designated area comprising individual panels 100mm thick and maximum 1200mm wide Panels shall be of all Steel construction and shall fully enclose and protect all edges of surface material with protective edge trim. Panel skins shall be of MDF Board (good quality Exterior Grade) laminated to steel structure and acoustical backing, mounted in full aluminium profile perimeter protective frames. Vertical sound seals between panels shall be tounge and groove configuration incorporating vinyl acoustical seals Panel weight shall not exceed 55 kg/sqm. Panels shall be suspended from roll-formed steel track system suspended from steel supports by threaded rods. Each panel shall be top supported by two trolley assemblies comprising steel ball bearing wheels. Partitions to be complete with Veneer in both sides as per approved sample (with a base rate of Rs. 200 Per Sqft). Panels shall have operable top and bottom seals simultaneously operated by a removable handle. The seals shall not contact floor or track during movement of panels. Panels shall also feature horizontal seals for stabilization and acoustic performance. Final partition closure to be accomplished by lever closure panel of same construction as basic panel but provided with an expanding jamb operated by a removable handle. The partition shall have been tested by an independent acoustical laboratory and shall have weighted SRI (Rw) of at least 51 in accordance with ASTM E90/DIN 52210. After installation, operable partition shall be tested by manufacturer in presence of client's representative and consultant. Noise reduction measurements shall be made in accordance with ASTM E336. NIC shall be calculated as per ASTM E413. Noise reduction shall meet NIC 51. Entire work to be done complete as per drawings, specif	71	M.SQ				

	SCHEDULE OF WORK - GURGAON						
SUB:	Civil & Electrical works for setting up of Audiometr Haryana	y room at	District H	ospital, G	urgaon,		
S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT		
	Providing and Fixing Wooden false Ceiling comprising of a Galvanized MS frame as required covered with 12 mm thick Marine ply, followed by 6 mm premium quality MDF for making groove and finished with a natural veneer (as approved) of 3.5 mm thickness duly Spirit polished with melamine matt coating. The ceiling shall be fixed to the roof soffit with adequate suspenders. The item shall be inclusive of cutting & making cutouts for lights, diffusers etc all complete. (veneer with basic cost Upto Rs:100 per sft FOR site)	0	M.SQ				
	Total for Civil Works						
	Electrical Works						
1	Point wiring in PVC conduit with modular type switch.						
	Wiring for light point/fan point/exhaust fan point /call bell point with 1.5 sq mm FR PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit, with modular switch, modular plate, suitable PVC box and earthing the point with 1.5 sq.mm FR PVC insulated copper conductor single core cable etc as required.						
	Group C	4	Point				
2	Wiring through PVC conduit						
	Wiring for circuit/submain wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/recessed medium class PVC conduit as required.(Make:Havells/Finolex/V-guard/Polycab)						
а	2X1.5 sq.mm + $1X1.5$ sq.mm earth wire	26	Metre				
b	2X2.5 sq.mm + 1 X2.5 sq mm earth wire	18	Metre				
c	2X4 sq.mm + 1X4 sq.mm earth wire	0	Metre				
2.1	Telephone wiring in existing conduit:						
	Supplying and drawing following pair 0.5 sq mm FR PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required.						
a	2 Pair	0	Metre				
3	A/C point						
	S/F 20A SPN MCB industrial socket outlet: Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 amps "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.(Make: Legrand/Havells/HPL)	2	Point				

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	SCHEDULE OF WORK - GURGAON							
SUB:	Civil & Electrical works for setting up of Audiometry room at District Hospital, Gurgaon, Haryana							
S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT			
4	Modular type blanking plate:	_						
	Supplying and fixing modular blanking plate on the existing							
	modular plate & switch box excluding modular plate as	0	Each					
	required.(Make: Legrand/Havells/HPL)							
5	Modular boxes, bases & cover plate:							
	Supplying and fixing following size/modules, GI box along with							
	modular base & cover plate for modular switches in recess etc as required.(Make: Legrand/Havells/HPL)							
а	3 module	2	Each					
b	4 module	1	Each					
b	6 module	4	Each					
6	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)							
а	5/6 Amps switch	8	Each					
b	3 pin 5/6 Amp socket outlet	8	Each					
с	15/16 Amps switch	2	Each					
d	6pin 15/16 Amps (universal) socket outlet	2	Each					
e	Telephone socket outlet	0	Each					
7	S/F PVC conduit:							
/	Supplying and fixing of following sizes of medium class PVC							
	conduit along with accessories in surface/recess including							
	cutting the wall and making good the same in case of recessed							
	conduit as required.(ISI Make)							
a 1	20 mm	30	Metre					
b	25 mm	18	Metre					
8	ITC Fluorescent fitting directly on surface:							
0	Installation, testing and commissioning of pre-wired, fluorescent							
	fitting / compact fluorescent fitting/LED of all types, complete	4	Each					
	with all accessories and tube etc. directly on ceiling/ wall,	Т	Laon					
	including connection with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable and earthing etc. as required.							
9	ITC Ceiling fan:							
-	Installation, testing and commissioning of ceiling fan, including							
	wiring the down rods of standard length (upto 30 cm) with 1.5	0	Each					
	sq. mm FR PVC insulated, copper conductor, single core cable							
	etc. as required.							

SCHEDULE OF WORK - GURGAON								
CLID	Civil & Electrical works for setting up of Audiometry room at District Hospital, Gurgaon,							
SUB: S.No	Haryana DESCRIPTION	QTY	UNIT	RATE	AMOUNT			
10	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.	0	Each					
11	CABLE SUPPLY, LAYING AND TERMINATION           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.							
а	From Main to DB							
	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	25	Metre					
12	Supply of 10W LED fittings with decorative end cap, powder coated CRCA steel channel complete with all electrical accessories like electronic ballast, lamp holder, 10W lamp etc complete as required. (Havells LHEWEBP7IN1W010/	4	Each					
12.1	Supply and installation of 18 W CFL with its all accessories.	0	Each					
13	Supply and installation of 1200 mm sweep Ceiling fan, white colour, 5 star rated as per BEE complete with blades, down rod, shackle, canopy etc(Make Havells/bajaj/usha/V-guard/Crompton)	0	Each					
13.1	Supply and installation wall fan, white colour, 5 star rated as per BEE complete with its all accessories(Make Havells/bajaj/usha/V-guard)	0	Each					
1.4								
14	S/F SP & N DB:Supplying and fixing following way prewired SP&N MCB, distribution board of steel sheet for 240 volts on surface/recess complete with loose wire box, terminal connectors for all incoming and outgoing circuits, duly prewired with suitable size FR PVC insulated copper conductor up to terminal blocks, tinned copper bus bar, neutral link, earth bar, detachable gland plate, interconnections, powder painted including earthing etc.as required(But without MCB/RCCB/Isolator) (Make: Legrand/Havells/HPL)							
	4 way SPN, double door	0	Each					
	6 way SPN, double door	1	Each					
14.1	S/F of DP ISOLATOR							

	SCHEDULE OF WORK - GUR	GAON							
SUB:	Civil & Electrical works for setting up of Audiometry room at District Hospital, Gurgaon, Haryana								
S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT				
	Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, ISOLATOR having a sensitivity current upto 100 to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc, as required.(Make: Legrand/Havells/HPL)								
	40A, DP isolator	1	Each						
	32A, DP Isolator	0	Each						
14.2	S/F of SP MCB Supplying and fixing 6 amps to 10 amps rating, 240 Volts, "C" series, miniature cirucuit breaker suitable for lighting and other loads of following poles in the existing MCB DB complete with connections, testing and commissioning etc as required.(Make: Legrand/Havells/HPL)								
	6/10A SP MCB	4	Each						
15	Miscellaneous Items								
15.1	Miscellaneous electrical work, removing of existing conduits and interconnections of light,6A socket/16A socket/A/C point from exisitng DB	0	LS						
15.2	Miscellaneous work for supply and fixing of 1-tube light &1- 3 star rated ceiling fan with its all accessories only as per the direction of engineer in charge.[ISI MAKE]	0	Ls						
	Total for Electrical Works								
	Sub Total (Civil & Electrical) (Rs:)								
	GST								
	Grand Total (Inclusive of GST)								
I agree t above.	to complete the work as per the schedule at the rate quoted	by me as	1	1	1				
Date:					Bidder:				

SCHEDULE OF WORK - Mewat						
SUB:	Civil & Electrical works for setting up of Audiometry room	at Dist	rict Hospit	al, Mewat	, Haryana	
S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT	
	Civil Works					
CEMEN	Г CONCRETE					
	Cement concrete 1:5:10 (1 cement ,5 sand , 10 hard blue granite stone metal 40mm and down gauge) laid in layers not exceeding 15cm each in depth and well consolidated in foundation/levelling course including necessary shuttering , in steps, in floors, etc. all complete as directed.		M.CUBE			
MASONI	Cement concrete 1:4:8 (1 cement ,4 sand , 8 hard blue granite stone metal 40mm and down gauge in layers not exceeding 15 cms in depth well consolidated in foundation and levelling course under floors including necessary shuttering, in steps etc all complete as directed.	1.00	M.CUBE			
MASON						
	Brickwork of locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in cement mortar 1:5 (1 cement,5 sand) in foundation and plinth. No extra payment will be paid for any shape or size,turnings, fins, etc unless otherwise specified seperately.		M.CUBE			
	Half brickwork with locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in CM 1:3 (1 cement 3 sand) and reinforced with two numbers of 6mm dia. M.S rods at every fourth course embedded in cement mortar 1:4 for partitions.					
	In Ground Floor	8.00	M.SQ			
FLOORI	NG					
	Providing & laying first class full body vitrified ceramic tile of make Kajaria/ Restile/Johnson or equivalent of size 600mmx600mmx 9.5mm or approved size of approved colour (matt finish) in flooring using spacer of required size (2mm-4mm) from endura or equivalent over a bed of cement mortar 1:4 of required thickness to match finished floor level mentioned and to match the neighbouring floor finish and jointed with epoxy grout of approved shade from Bal Endura or equivalent brand all complete as directed.(Basic cost of tile - Rs.85/sft).Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area.No extra shall be payable for forming any pattern in the flooring like border, cut tiles,etc.	24.00	M.SQ			

	SCHEDULE V SCHEDULE OF WORK - Mewa	t			
SUB:	Civil & Electrical works for setting up of Audiometry room		rict Hospi	tal, Mewat	. Harvana
S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<ul> <li>Providing and laying 600mm x 600mm or required size from Kajaria/ Restile/Johnson glazed tiles of plain series(Satin finish) in dado set in CM 1:3 with joints so as to form a true &amp; 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.)</li> <li>The rate shall include cost of providing 6mmx6mm groove in the plastering at top of the tile all complete as directed.(Basic cost of tile - Rs.85/sft).Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area.No extra shall be payable for forming any pattern like border, etc.</li> </ul>	0.00	M.SQ		
	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite of any colour and shade. Area of slab over 0.50 sqm	0.00	M.SQ		
PLASTE	RING				
	Prepare surfaces and plaster with CM 1:3(1 cement, 3 sand),12mm minimum thick (sponge finish) to ceiling sides and soffit of beams and columns and other interior and exterior RCC surfaces not contiguous to masonry.	16.00	M.SQ		
	Prepare surfaces and plaster with CM 1:5(1 cement, 5 sand),12mm minimum thick to all interior faces of walls (sponge finish) including RCC surfaces not contiguous to masonry.Necessary internal grooves of size 10mmx10mm shall be carried out as shown/directed by engineer-in-charge.		M.SQ		
PAINTIN					
	Prepare surfaces and paint two coats of plastic emulsion paint of approved colour over two coats of Gypsum punning of 6 mm minimum thick and primer all complete as per manufacturers specifications to all ceilings in all floors.		M.SQ		
	Finishing with oil bound washable Interior Emulsion of approved brand and manufacture to give an even shade : New work (two or more coats) over and including water thinnable priming coat with cement primer	36.00	M.SQ		
	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	12.00	M.SQ		

SCHEDULE OF WORK - Mewat							
SUB: Civil & Electrical works for setting up of Audiometry room at District Hospital, Mewat, Ha							
S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT		
	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	9.00	M.SQ				
	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	36.00	M.SQ				
	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete		M.SQ				
	Finishing with Deluxe Multi surface paint system for exteriors using Primer as per manufacturers specifications : Two or more coats applied on walls @ 1.25 ltr/10 sqm		M.SQ				
DISMAN	T						
	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.	2.00	M.CUBE				
	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.	1.00	M.CUBE				
	Dismantling Aluminium partition including disposing the debris away from site as directed by engineer in charge all complete.	36.00	SQM				
	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.	2.00	EACH				
	Dismantling Tile Flooring and Walls and disposing the debris away from site all complete as directed.	36.00	M.SQ				
FALSE 4							
FALSE (	CEILING & CLADDING						

	SCHEDULE OF WORK - Mewat						
SUB: S.No	Civil & Electrical works for setting up of Audiometry room DESCRIPTION	at Dist QTY	rict Hospi UNIT	tal, Mewat RATE	, Haryana AMOUNT		
	Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building , for all heights and all levels etc. including: Structural analysis & design and preparation of shop drawings for pressure equalisation or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design. Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metalic colour of approved shades made out of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc. The fastening brackets of Aluminium alloy 6005 T5 / MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specification and drawing The item includes cost of all material & labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding cleaning and protection of the curtain wall with aluminium composite panel cladding till the handing over of the building for occupation. Base frame work for ACP cladding is payable under the relevant aluminium item.s The Contractor shall provide curtain wall with aluminium composite panel cladding, having all the		M.SQ				
	Providing & fixing 35mm Flush doors 1.0 mm thk laminate as per design. The item includes Providing and fixing chaukhats made from 100mm x S0mm teak wood members. The Doors to have all hardware such as 125mm SS hinges, 450 mm long SS handles, SS tower bolts, Mortice Locks (Dorma/ Godrej). The item also includes SS rods 6mmx6mm inserted in grooves as per details complete to the satisfaction of Architects / HLL. Size of Door: 1000 x2100mm lncludlng chaukhats.	5.00	M.SQ				

	SCHEDULE V SCHEDULE OF WORK - Mewa	t					
SUB:	Civil & Electrical works for setting up of Audiometry room at District Hospital, Mewat, Haryana						
S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT		
	Providing and Fixing Acoustic tiles of 15 mm thickness and tegular edge, easily demountable tile, manufactured from High density glass wool, with the visible surface batch painted glass tissue in white and the back of the tile should be covered with glass tissue. The glass wool core of the tiles should be tested and classified as noncombustible according to prEN ISO 1182. The system should have Sound Absorption NRC value of 0.9 (according to ASTM C 423). Tiles should withstand a permanent ambient RH Upto 95% at 30*C without sagging, warping or delaminating (ISO 4611). The light reflectance of the tiles should not be less than 83%. Tiles certified by the indoor climate labeling and recommended by Swedish asthama and allergy association and granted Nordic Swan eco–label and fully recyclable. The glass wool core of the tiles should be tested and classified as non combustible according to EN ISO 1182 and the ceilings should fall under Class A2 –s1 d0 according to EN 13501-1.	24	M.SQ				
	Operable Acoustic Partitions (Type 2) – Training rooms (G.F.) (Without perforation) with openable and foldable doors alongwith complete arrangement and fittings required and as per the drawing. Supply and installation of operable acoustical partitions in designated area comprising individual panels 100mm thick and maximum 1200mm wide Panels shall be of all Steel construction and shall fully enclose and protect all edges of surface material with protective edge trim. Panel skins shall be of MDF Board (good quality Exterior Grade) laminated to steel structure and acoustical backing, mounted in full aluminium profile perimeter protective frames. Vertical sound seals between panels shall be tounge and groove configuration incorporating vinyl acoustical seals Panel weight shall not exceed 55 kg/sqm. Panels shall be suspended from roll-formed steel track system suspended from steel supports by threaded rods. Each panel shall be top supported by two trolley assemblies comprising steel ball bearing wheels. Partitions to be complete with Veneer in both sides as per approved sample (with a base rate of Rs. 200 Per Sqft). Panels shall have operable top and bottom seals simultaneously operated by a removable handle. The seals shall also feature horizontal seals for stabilization and acoustic performance. Final partition closure to be accomplished by lever closure panel of same construction as basic panel but provided with an expanding jamb operated by a removable handle. The partition shall have weighted SRI (Rw) of at least 51 in accordance with ASTM E90/DIN 52210. After installation, operable partition shall be tested by manufacturer in presence of client's representative and consultant. Noise reduction measurements shall be made in accordance with ASTM E336. NIC shall be calculated as per ASTM E413. Noise reduction shall meet NIC 51. Entire work to be done complete as per drawings, specifications and direction of E-I-C.	84	M.SQ				

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SCHEDULE OF WORK - Mewat					
SUB:	Civil & Electrical works for setting up of Audiometry room	tal, Mewat	, Haryana		
S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	Providing and Fixing Wooden false Ceiling comprising of a Galvanized MS frame as required covered with 12 mm thick Marine ply, followed by 6 mm premium quality MDF for making groove and finished with a natural veneer (as approved) of 3.5 mm thickness duly Spirit polished with melamine matt coating. The ceiling shall be fixed to the roof soffit with adequate suspenders. The item shall be inclusive of cutting & making cutouts for lights, diffusers etc all complete. (veneer with basic cost Upto Rs:100 per sft FOR site)	0	M.SQ		
	Total for Civil Works				
	Electrical Works				
1	Point wiring in PVC conduit with modular type switch.				
	Wiring for light point/fan point/exhaust fan point /call bell point with 1.5 sq mm FR PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit, with modular switch, modular plate, suitable PVC box and earthing the point with 1.5 sq.mm FR PVC insulated copper conductor single core cable etc as required.				
	Group C	4	Point		
2	Wiring through PVC conduit				
	Wiring for circuit/submain wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/recessed medium class PVC conduit as required.(Make:Havells/Finolex/V-guard/Polycab)				
а	2X1.5 sq.mm + 1X1.5 sq.mm earth wire	15	Metre		
b	2X2.5 sq.mm + 1 X2.5 sq mm earth wire	12	Metre		
с	2X4 sq.mm + 1X4 sq.mm earth wire	0	Metre		
2.1	Telephone wiring in existing conduit:				
	Supplying and drawing following pair 0.5 sq mm FR PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required.				
а	2 Pair	0	Metre		
3	A/C point				
	S/F 20A SPN MCB industrial socket outlet: Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 amps "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.(Make: Legrand/Havells/HPL)	1	Point		
4	Modular type blanking plate:				
	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.(Make:	1	Each		

	SCHEDULE OF WORK - Mewa	t					
SUB:	Civil & Electrical works for setting up of Audiometry room	at Dist					
S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT		
	Legrand/Havells/HPL)						
5	Modular boxes, bases & cover plate:						
	Supplying and fixing following size/modules, GI box along with modular base & cover plate for modular switches in recess etc as required.(Make: Legrand/Havells/HPL)						
а	2 module	0	Each				
b	3 module	3	Each				
с	4 module	1	Each				
e	6 module	4	Each				
6	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)						
		8	E1-				
a 1	5/6 Amps switch	-	Each				
b	3 pin 5/6 Amp socket outlet	8	Each				
c	15/16 Amps switch	3	Each				
d	6pin 15/16 Amps (universal) socket outlet	3	Each				
e	Telephone socket outlet	0	Each				
7	S/F PVC conduit:						
	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.(ISI Make)						
а	20 mm	16	Metre				
b	25 mm	13	Metre				
8	<b>ITC Fluorescent fitting directly on surface:</b> 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.	4	Each				
9	<b>ITC Ceiling fan:</b> 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.	0	Each				
10	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.	0	Each				

CLUD	SCHEDULE OF WORK - Mewat								
SUB:	Civil & Electrical works for setting up of Audiometry room								
S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT				
11	CABLE SUPPLY, LAYING AND TERMINATION								
	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.								
а	From Main to DB								
	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	15	Metre						
12	Supply of 10W LED fittings with decorative end cap, powder coated CRCA steel channel complete with all electrical accessories like electronic ballast, lamp holder, 10W lamp etc complete as required. (Havells LHEWEBP7IN1W010/	4	Each						
12.1	Supply and installation of 18 W CFL with its all accessories.	0	Each						
13	Supply and installation of 1200 mm sweep Ceiling fan, white colour, 5 star rated as per BEE complete with blades, down rod, shackle, canopy etc(Make Havells/bajaj/usha/V-guard/Crompton)	0	Each						
13.1	Supply and installation wall fan, white colour, 5 star rated as per BEE complete with its all accessories(Make Havells/bajaj/usha/V-guard)	0	Each						
14	S/F SP & N DB:								
	Supplying and fixing following way prewired SP&N MCB, distribution board of steel sheet for 240 volts on surface/recess complete with loose wire box, terminal connectors for all incoming and outgoing circuits, duly prewired with suitable size FR PVC insulated copper conductor up to terminal blocks, tinned copper bus bar, neutral link, earth bar, detachable gland plate, interconnections, powder painted including earthing etc.as required(But without MCB/RCCB/Isolator) (Make: Legrand/Havells/HPL)								
	4 way SPN, double door	1	Each						
	6 way SPN, double door	0	Each						
14.1	S/F of DP ISOLATOR								
	Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, ISOLATOR having a sensitivity current upto 100 to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc, as required.(Make: Legrand/Havells/HPL)								
	40A, DP isolator	1	Each						
	32A, DP Isolator	0	Each						
14.2	S/F of SP MCB								

SUB:	SCHEDULE OF WORK - Mewat           Civil & Electrical works for setting up of Audiometry room at District Hospital, Mewat, Haryana								
S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT				
	Supplying and fixing 6 amps to 10 amps rating, 240 Volts, "C" series, miniature cirucuit breaker suitable for lighting and other loads of following poles in the existing MCB DB complete with connections, testing and commissioning etc as required.(Make: Legrand/Havells/HPL)								
	6/10A SP MCB	3	Each						
15	Miscellaneous Items								
15.1	Miscellaneous electrical work, removing of existing conduits and interconnections of light,6A socket/16A socket/A/C point from exisiting DB	0	LS						
15.2	Miscellaneous work for supply and fixing of 1-tube light &1- 3 star rated ceiling fan with its all accessories only as per the direction of engineer in charge.[ISI MAKE]	0	Ls						
	Total for Electrical Works								
	Sub Total (Civil & Electrical) (Rs:)								
	GST								
	Grand Total (Inclusive of GST)								
above.	to complete the work as per the schedule at the rate quoted by i	me as			Bidder:				

	SCHEDULE OF WORK - PANIPAT							
SUB:	Civil & Electrical works for setting up of Audiometry room	n at Distri	ict Hospital	, Panipat	, Haryana			
S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT			
	Civil Works							
CEME	NT CONCRETE							
	Cement concrete 1:5:10 (1 cement ,5 sand , 10 hard blue granite stone metal 40mm and down gauge) laid in layers not exceeding 15cm each in depth and well consolidated in foundation/levelling course including necessary shuttering , in steps, in floors, etc. all complete as directed.		M.CUBE					
	Cement concrete 1:4:8 (1 cement ,4 sand , 8 hard blue granite stone metal 40mm and down gauge in layers not exceeding 15 cms in depth well consolidated in foundation and levelling course under floors including necessary shuttering, in steps etc all complete as directed.	1.00	M.CUBE					
MASO	NRY WORK							
	Brickwork of locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in cement mortar 1:5 (1 cement,5 sand) in foundation and plinth. No extra payment will be paid for any shape or size,turnings, fins, etc unless otherwise specified seperately.		M.CUBE					
	Half brickwork with locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in CM 1:3							
	(1 cement 3 sand) and reinforced with two numbers of 6mm dia. M.S rods at every fourth course embedded in cement mortar 1:4 for partitions.							
	In Ground Floor	6.00	M.SQ					
FLOO	RING							
	Providing & laying first class full body vitrified ceramic tile of make Kajaria/ Restile/Johnson or equivalent of size 600mmx600mmx 9.5mm or approved size of approved colour (matt finish) in flooring using spacer of required size (2mm-4mm) from endura or equivalent over a bed of cement mortar 1:4 of required thickness to match finished floor level mentioned and to match the neighbouring floor finish and jointed with epoxy grout of approved shade from Bal Endura or equivalent brand all complete as directed.(Basic cost of tile - Rs.85/sft).Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area.No extra shall be payable for forming any pattern in the flooring like border, cut tiles, etc.	19.00	M.SQ					

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	SCHEDULE OF WORK - PAN	IPAT			
SUB:	Civil & Electrical works for setting up of Audiometry roor	n at Distri	ct Hospita	l, Panipat,	Haryana
S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	Providing and laying 600mm x 600mm or required size from Kajaria/ Restile/Johnson glazed tiles of plain series(Satin finish) in dado set in CM 1:3 with joints so as to form a true & even surface and joints finished neatly with white cement mixed with matching pigments all complete as directed. (Rate should include base plastering with CM 1:5 of required thickness.)	0.00	M.SQ		
	The rate shall include cost of providing 6mmx6mm groove in the plastering at top of the tile all complete as directed.(Basic cost of tile - Rs.85/sft).Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area.No extra shall be payable for forming any pattern like border, etc.				
	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite of any colour and shade. Area of slab over 0.50 sqm	0.00	M.SQ		
PLAST	TERING				
	Prepare surfaces and plaster with CM 1:3(1 cement, 3 sand) ,12mm minimum thick (sponge finish) to ceiling sides and soffit of beams and columns and other interior and exterior RCC surfaces not contiguous to masonry.	12.00	M.SQ		
	Prepare surfaces and plaster with CM 1:5(1 cement, 5 sand) ,12mm minimum thick to all interior faces of walls (sponge finish) including RCC surfaces not contiguous to masonry.Necessary internal grooves of size 10mmx10mm shall be carried out as shown/directed by engineer-in-charge.		M.SQ		
PAINT	INC				
	Prepare surfaces and paint two coats of plastic emulsion paint				
	of approved colour over two coats of Gypsum punning of 6 mm minimum thick and primer all complete as per manufacturers specifications to all ceilings in all floors.		M.SQ		
	Finishing with oil bound washable Interior Emulsion of approved brand and manufacture to give an even shade : New work (two or more coats) over and including water thinnable priming coat with cement primer	36.00	M.SQ		
	Deinting wood work with Dalwe Malki Confere Drive Control				
	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	12.00	M.SQ		

STID.	SCHEDULE OF WORK - PANIPAT           GUB:         Civil & Electrical works for setting up of Audiometry room at District Hospital, Panipat, Haryana									
SUD: S.No	DESCRIPTION		UNIT	RATE						
5.NO	DESCRIPTION	QTY	UNII	KAIŁ	AMOUNT					
	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	9.00	M.SQ							
	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	36.00	M.SQ							
	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete		M.SQ							
	Finishing with Deluxe Multi surface paint system for exteriors using Primer as per manufacturers specifications : Two or more coats applied on walls @ 1.25 ltr/10 sqm		M.SQ							
DISMA	ANTLING									
	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.	2.00	M.CUBE							
	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.	1.00	M.CUBE							
	Dismantling Aluminium partition including disposing the debris away from site as directed by engineer in charge all complete.	36.00	SQM							
	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.	2.00	EACH							
	Dismantling Tile Flooring and Walls and disposing the debris away from site all complete as directed.	36.00	M.SQ							
FALSE	C CEILING & CLADDING									

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	SCHEDULE OF WORK - PANIPAT							
SUB:	Civil & Electrical works for setting up of Audiometry room	n at Distri	ct Hospital	, Panipat,	Haryana			
S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT			
	Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building, for all heights and all levels etc. including: Structural analysis & design and preparation of shop drawings for pressure equalisation or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design. Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metalic colour of approved shades made out of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc. The fastening brackets of Aluminium alloy 6005 T5 / MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi- metallic contacts all complete required to perform as per specification and drawing The item includes cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding, cleaning and protection of the curtain wall with aluminium composite panel cladding till the handing over of the building for occupation. Base frame work for ACP cladding is payable under the relevant aluminium item.s The Contractor shall provide curtain wall with aluminium composite panel cladding, having all the performance characteristics all complete , as per the Architectural drawi		M.SQ					
	Providing & fixing 35mm Flush doors 1.0 mm thk laminate as per design. The item includes Providing and fixing chaukhats made from 100mm x S0mm teak wood members. The Doors to have all hardware such as 125mm SS hinges, 450 mm long SS handles, SS tower bolts, Mortice Locks (Dorma/ Godrej). The item also includes SS rods 6mmx6mm inserted in grooves as per details complete to the satisfaction of Architects / HLL. Size of Door: 1000 x2100mm IncludIng chaukhats.	5.00	M.SQ					

SCHEDULE OF WORK - PANIPAT						
SUB:	Civil & Electrical works for setting up of Audiometry room	n at Distri	ct Hospital		Haryana	
S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT	
	Providing and Fixing Acoustic tiles of 15 mm thickness and tegular edge, easily demountable tile, manufactured from High density glass wool, with the visible surface batch painted glass tissue in white and the back of the tile should be covered with glass tissue. The glass wool core of the tiles should be tested and classified as noncombustible according to prEN ISO 1182. The system should have Sound Absorption NRC value of 0.9 (according to ASTM C 423). Tiles should withstand a permanent ambient RH Upto 95% at 30*C without sagging, warping or delaminating (ISO 4611). The light reflectance of the tiles should not be less than 83%. Tiles certified by the indoor climate labeling and recommended by Swedish asthama and allergy association and granted Nordic Swan eco–label and fully recyclable. The glass wool core of the tiles should be tested and classified as non combustible according to EN ISO 1182 and the ceilings should fall under Class A2 –s1 d0 according to EN 13501-1.	19	M.SQ			
	Operable Acoustic Partitions (Type 2) – Training rooms (G.F.) (Without perforation) with openable and foldable doors alongwith complete arrangement and fittings required and as per the drawing. Supply and installation of operable acoustical partitions in designated area comprising individual panels 100mm thick and maximum 1200mm wide Panels shall be of all Steel construction and shall fully enclose and protect all edges of surface material with protective edge trim. Panel skins shall be of MDF Board (good quality Exterior Grade) laminated to steel structure and acoustical backing, mounted in full aluminium profile perimeter protective frames. Vertical sound seals between panels shall be tounge and groove configuration incorporating vinyl acoustical seals Panel weight shall not exceed 55 kg/sqm. Panels shall be suspended from roll-formed steel track system suspended from steel supports by threaded rods. Each panel shall be top supported by two trolley assemblies comprising steel ball bearing wheels. Partitions to be complete with Veneer in both sides as per approved sample (with a base rate of Rs. 200 Per Sqft). Panels shall have operable top and bottom seals simultaneously operated by a removable handle. The seals shall also feature horizontal seals for stabilization and acoustic performance. Final partition closure to be accomplished by lever closure panel of same construction as basic panel but provided with an expanding jamb operated by a removable handle. The partition shall have been tested by an independent acoustical laboratory and shall have weighted SRI (Rw) of at least 51 in accordance with ASTM E90/DIN 52210. After installation, operable partition shall be tested by manufacturer in presence of client's representative and consultant. Noise reduction measurements shall be made in accordance with ASTM E336. NIC shall be calculated as per ASTM E413. Noise reduction shall meet NIC 51. Entire work to be done complete as per drawings, specifications and direction of E- I-C.	76	M.SQ			

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	SCHEDULE OF WORK - PANIPAT						
SUB:	Civil & Electrical works for setting up of Audiometry room	1 at Distri	ct Hospital	, Panipat,	Haryana		
S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT		
	Providing and Fixing Wooden false Ceiling comprising of a Galvanized MS frame as required covered with 12 mm thick Marine ply, followed by 6 mm premium quality MDF for making groove and finished with a natural veneer (as approved) of 3.5 mm thickness duly Spirit polished with melamine matt coating. The ceiling shall be fixed to the roof soffit with adequate suspenders. The item shall be inclusive of cutting & making cutouts for lights, diffusers etc all complete. (veneer with basic cost Upto Rs:100 per sft FOR site)	0	M.SQ				
	Total for Civil Works						
	Electrical Works						
1	Point wiring in PVC conduit with modular type switch.						
	Wiring for light point/fan point/exhaust fan point /call bell point with 1.5 sq mm FR PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit, with modular switch, modular plate, suitable PVC box and earthing the point with 1.5 sq.mm FR PVC insulated copper conductor single core cable etc as required.						
	Group C	4	Point				
2	Wiring through PVC conduit						
	Wiring for circuit/submain wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/recessed medium class PVC conduit as required.(Make:Havells/Finolex/V-guard/Polycab)						
а	2X1.5 sq.mm + 1X1.5 sq.mm earth wire	15	Metre				
b	2X2.5 sq.mm + 1 X2.5 sq mm earth wire	15	Metre				
c	2X4 sq.mm + 1X4 sq.mm earth wire	0	Metre				
2.1							
2.1	Telephone wiring in existing conduit: Supplying and drawing following pair 0.5 sq mm FR PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required.						
а	2 Pair	0	Metre				
3	A/C point						
	S/F 20A SPN MCB industrial socket outlet: Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 amps "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.(Make: Legrand/Havells/HPL)	1	Point				
4	Modular type blanking plate:						
	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.(Make:	1	Each				

SCHEDULE OF WORK - PANIPAT						
SUB:	Civil & Electrical works for setting up of Audiometry roon					
S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT	
	Legrand/Havells/HPL)					
5	Modular boxes, bases & cover plate:					
	Supplying and fixing following size/modules, GI box along with modular base & cover plate for modular switches in recess etc as required.(Make: Legrand/Havells/HPL)					
а	2 module	0	Each			
b	3 module	3	Each			
с	4 module	1	Each			
e	6 module	4	Each			
6	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)					
а	5/6 Amps switch	8	Each			
b	3 pin 5/6 Amp socket outlet	8	Each			
c	15/16 Amps switch	3	Each			
d	6pin 15/16 Amps (universal) socket outlet	3	Each			
e	Telephone socket outlet	0	Each			
7	S/F PVC conduit:					
	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.(ISI Make)					
а	20 mm	16	Metre			
b	25 mm	15	Metre			
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.	4	Each			
9	<b>ITC Ceiling fan:</b> 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.	0	Each			

	SCHEDULE OF WORK - PAN	IPAT			
SUB:	Civil & Electrical works for setting up of Audiometry room	n at Distri	ct Hospita	l, Panipat,	Haryana
S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
10	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.	0	Each		
11	CABLE SUPPLY, LAYING AND TERMINATION				
	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.				
a	From Main to DB				
	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	15	Metre		
12	Supply of 10W LED fittings with decorative end cap, powder coated CRCA steel channel complete with all electrical accessories like electronic ballast, lamp holder, 10W lamp etc complete as required. (Havells LHEWEBP7IN1W010/	4	Each		
12.1	Supply and installation of 18 W CFL with its all accessories.	0	Each		
13	Supply and installation of 1200 mm sweep Ceiling fan, white colour, 5 star rated as per BEE complete with blades, down rod, shackle, canopy etc(Make Havells/bajaj/usha/V-guard/Crompton)	0	Each		
13.1	Supply and installation wall fan, white colour, 5 star rated as per BEE complete with its all accessories(Make Havells/bajaj/usha/V-guard)	0	Each		
1.4					
14	S/F SP & N DB: Supplying and fixing following way prewired SP&N MCB, distribution board of steel sheet for 240 volts on surface/recess complete with loose wire box, terminal connectors for all incoming and outgoing circuits, duly prewired with suitable size FR PVC insulated copper conductor up to terminal blocks, tinned copper bus bar, neutral link, earth bar, detachable gland plate, interconnections, powder painted including earthing etc.as required(But without MCB/RCCB/Isolator) (Make: Legrand/Havells/HPL)				
	4 way SPN, double door	1	Each		
	6 way SPN, double door	0	Each		
14.1	S/F of DP ISOLATOR				
	Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, ISOLATOR having a sensitivity current upto 100 to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc, as required.(Make: Legrand/Havells/HPL)				
	40A, DP isolator	1	Each		
	32A, DP Isolator	0	Each		

	SCHEDULE OF WORK - PAN	IPAT			
SUB:	Civil & Electrical works for setting up of Audiometry room	n at Distri	ct Hospita	l, Panipat	, Haryana
S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
14.2	S/F of SP MCB				
	Supplying and fixing 6 amps to 10 amps rating, 240 Volts, "C" series, miniature cirucuit breaker suitable for lighting and other loads of following poles in the existing MCB DB complete with connections, testing and commissioning etc as required.(Make: Legrand/Havells/HPL)				
	6/10A SP MCB	3	Each		
15	Miscellaneous Items				
15.1	Miscellaneous electrical work, removing of existing conduits and interconnections of light,6A socket/16A socket/A/C point from exisiting DB	0	LS		
15.2	Miscellaneous work for supply and fixing of 1-tube light &1- 3 star rated ceiling fan with its all accessories only as per the direction of engineer in charge.[ISI MAKE]	0	Ls		
	Total for Electrical Works				
	Sub Total (Civil & Electrical) (Rs:)				
	GST				
	Grand Total (Inclusive of GST)				
l agree above.	e to complete the work as per the schedule at the rate quoted	by me as			
Date:				Bi	dder:

SCHEDULE OF WORK - REWARI						
SUB:	Civil & Electrical works for setting up of Audiometry ro	tal, Rewa	ri, Haryana			
S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT	
	Civil Works					
CEMEN	Г CONCRETE					
	Cement concrete 1:5:10 (1 cement ,5 sand , 10 hard blue granite stone metal 40mm and down gauge) laid in layers not exceeding 15cm each in depth and well consolidated in foundation/levelling course including necessary shuttering , in steps, in floors, etc. all complete as directed.		M.CUBE			
	Cement concrete 1:4:8 (1 cement ,4 sand , 8 hard blue granite stone metal 40mm and down gauge in layers not exceeding 15 cms in depth well consolidated in foundation and levelling course under floors including necessary shuttering, in steps etc all complete as directed.	1.00	M.CUBE			
MASONI	RY WORK					
	Brickwork of locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in cement mortar 1:5 (1 cement,5 sand) in foundation and plinth. No extra payment will be paid for any shape or size,turnings, fins, etc unless otherwise specified seperately.		M.CUBE			
	Half brickwork with locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in CM 1:3 (1 cement 3 sand ) and reinforced with two numbers of 6mm dia. M.S rods at every fourth course embedded in cement mortar 1:4 for partitions.					
	In Ground Floor	16.00	M.SQ			
FLOORI	NG					
	Providing & laying first class full body vitrified ceramic tile of make Kajaria/ Restile/Johnson or equivqlent of size 600mmx600mmx 9.5mm or approved size of approved colour (matt finish) in flooring using spacer of required size (2mm- 4mm) from endura or equivalent over a bed of cement mortar 1:4 of required thickness to match finished floor level mentioned and to match the neighbouring floor finish and jointed with epoxy grout of approved shade from Bal Endura or equivalent brand all complete as directed.(Basic cost of tile - Rs.85/sft).Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area.No extra shall be payable for forming any pattern in the flooring like border, cut tiles,etc.	19.00	M.SQ			

	SCHEDULE OF WORK - REWARI							
SUB:	Civil & Electrical works for setting up of Audiometry ro	om at Dis	trict Hosp	ital, Rewa	ri, Haryana			
S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT			
	Providing and laying 600mm x 600mm or required size from Kajaria/ Restile/Johnson glazed tiles of plain series(Satin finish) in dado set in CM 1:3 with joints so as to form a true & even surface and joints finished neatly with white cement mixed with matching pigments all complete as directed. (Rate should include base plastering with CM 1:5 of required thickness.) The rate shall include cost of providing 6mmx6mm groove in the plastering at top of the tile all complete as directed.(Basic cost of tile - Rs.85/sft).Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area.No extra shall be payable for forming any pattern like border, etc.	0.00	M.SQ					
	chair de puguete foi forming ung pattern like border, etc.							
	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite of any colour and shade. Area of slab over 0.50 sqm	0.00	M.SQ					
PLASTE	RING							
	Prepare surfaces and plaster with CM 1:3(1 cement, 3 sand) ,12mm minimum thick (sponge finish) to ceiling sides and soffit of beams and columns and other interior and exterior RCC surfaces not contiguous to masonry.	32.00	M.SQ					
	Prepare surfaces and plaster with CM 1:5(1 cement, 5 sand) ,12mm minimum thick to all interior faces of walls (sponge finish) including RCC surfaces not contiguous to masonry.Necessary internal grooves of size 10mmx10mm shall be carried out as shown/directed by engineer-in-charge.		M.SQ					
PAINTIN								
	Prepare surfaces and paint two coats of plastic emulsion paint of approved colour over two coats of Gypsum punning of 6 mm minimum thick and primer all complete as per manufacturers specifications to all ceilings in all floors.		M.SQ					
	Finishing with oil bound washable Interior Emulsion of approved brand and manufacture to give an even shade : New work (two or more coats) over and including water thinnable priming coat with cement primer	118.00	M.SQ					
	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	12.00	M.SQ					

	SCHEDULE OF WORK - REV										
SUB:	Civil & Electrical works for setting up of Audiometry room at District Hospital, Rewari, Haryana										
S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT						
	brand and manufacture										
	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture	9.00	M.SQ								
	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	118.00	M.SQ								
	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete		M.SQ								
	Finishing with Deluxe Multi surface paint system for exteriors using Primer as per manufacturers specifications : Two or more coats applied on walls @ 1.25 ltr/10 sqm		M.SQ								
DISMAN											
DISWAN	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.	2.00	M.CUBE								
	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.	1.00	M.CUBE								
	Dismantling Aluminium partition including disposing the debris away from site as directed by engineer in charge all complete.	36.00	SQM								
	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.	2.00	EACH								
	Dismantling Tile Flooring and Walls and disposing the debris away from site all complete as directed.	36.00	M.SQ								
FALSE (	CEILING & CLADDING										

~~~~	SCHEDULE OF WORK - REWARI							
SUB:	Civil & Electrical works for setting up of Audiometry re							
S.No	<b>DESCRIPTION</b> Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building , for all heights and all levels etc. including: Structural analysis & design and preparation of shop drawings for pressure equalisation or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design. Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in panspape in metalic colour of approved shades made out of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc. The fastening brackets of Aluminium alloy 6005 T5 / MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specification and drawing The item includes cost of all material & labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding, cleaning and protection of the curtain wall with aluminium composite panel cladding till the handing over of the building for occupation. Base frame work for ACP cladding is payable under the relevant aluminium item.s The Contractor shall provide curtain wall with aluminium composite panel cladding,	QTY	UNIT M.SQ	RATE	AMOUNT			
	Providing & fixing 35mm Flush doors 1.0 mm thk laminate as per design. The item includes Providing and fixing chaukhats made from 100mm x S0mm teak wood members. The Doors to have all hardware such as 125mm SS hinges, 450 mm long SS handles, SS tower bolts, Mortice Locks (Dorma/ Godrej). The item also includes SS rods 6mmx6mm inserted in grooves as per details complete to the satisfaction of Architects / HLL. Size of Door: 1000 x2100mm Including chaukhats.	5.00	M.SQ					

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	SCHEDULE OF WORK - REWARI							
SUB:	Civil & Electrical works for setting up of Audiometry re							
S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT			
	Providing and Fixing Acoustic tiles of 15 mm thickness and tegular edge, easily demountable tile, manufactured from High density glass wool, with the visible surface batch painted glass tissue in white and the back of the tile should be covered with glass tissue. The glass wool core of the tiles should be tested and classified as noncombustible according to prEN ISO 1182. The system should have Sound Absorption NRC value of 0.9 (according to ASTM C 423). Tiles should withstand a permanent ambient RH Upto 95% at 30*C without sagging, warping or delaminating (ISO 4611). The light reflectance of the tiles should not be less than 83%. Tiles certified by the indoor climate labeling and recommended by Swedish asthama and allergy association and granted Nordic Swan eco–label and fully recyclable. The glass wool core of the tiles should be tested and classified as non combustible according to EN ISO 1182 and the ceilings should fall under Class A2 –s1 d0 according to EN 13501- 1.	19	M.SQ					
	Operable Acoustic Partitions (Type 2) – Training rooms (G.F.) (Without perforation) with openable and foldable doors alongwith complete arrangement and fittings required and as per the drawing. Supply and installation of operable acoustical partitions in designated area comprising individual panels 100mm thick and maximum 1200mm wide Panels shall be of all Steel construction and shall fully enclose and protect all edges of surface material with protective edge trim. Panel skins shall be of MDF Board (good quality Exterior Grade) laminated to steel structure and acoustical backing, mounted in full aluminium profile perimeter protective frames. Vertical sound seals between panels shall be tounge and groove configuration incorporating vinyl acoustical seals Panel weight shall not exceed 55 kg/sqm. Panels shall be suspended from roll-formed steel track system suspended from steel supports by threaded rods. Each panel shall be top supported by two trolley assemblies comprising steel ball bearing wheels. Partitions to be complete with Veneer in both sides as per approved sample (with a base rate of Rs. 200 Per Sqft). Panels shall have operable top and bottom seals simultaneously operated by a removable handle. The seals shall not contact floor or track during movement of panels. Panels shall also feature horizontal seals for stabilization and acoustic performance. Final partition closure to be accomplished by lever closure panel of same construction as basic panel but provided with an expanding jamb operated by a removable handle. The partition shall have weighted SRI (Rw) of at least 51 in accordance with ASTM E90/DIN 52210. After installation, operable partition shall be tested by manufacturer in presence of client's representative and consultant. Noise reduction measurements shall be made in accordance with ASTM E336. NIC shall be calculated as per ASTM E413. Noise reduction shall meet NIC 51. Entire work to be done complete as per drawings, specifications and direction of E-I-C.	78	M.SQ					

CIID.	SCHEDULE OF WORK - REWARI           Civil & Electrical works for setting up of Audiometry room at District Hospital, Rewari, Haryan							
SUB: S.No	Civil & Electrical works for setting up of Audiometry re DESCRIPTION	QTY	UNIT	RATE	AMOUNT			
5.110	DESCRIPTION	QTY	UNII		AMOUNI			
	Providing and Fixing Wooden false Ceiling comprising of a Galvanized MS frame as required covered with 12 mm thick Marine ply, followed by 6 mm premium quality MDF for making groove and finished with a natural veneer (as approved) of 3.5 mm thickness duly Spirit polished with melamine matt coating. The ceiling shall be fixed to the roof soffit with adequate suspenders. The item shall be inclusive of cutting & making cutouts for lights, diffusers etc all complete. (veneer with basic cost Upto Rs:100 per sft FOR site)	0	M.SQ					
	Total for Civil Works							
	Electrical Works							
1	Point wiring in PVC conduit with modular type switch.							
	Wiring for light point/fan point/exhaust fan point /call bell point with 1.5 sq mm FR PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit, with modular switch, modular plate, suitable PVC box and earthing the point with 1.5 sq.mm FR PVC insulated copper conductor single core cable etc as required.							
	Group C	2	Point					
	<u>^</u>							
2	Wiring through PVC conduit							
	Wiring for circuit/submain wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/recessed medium class PVC conduit as required.(Make:Havells/Finolex/V-guard/Polycab)							
а	2X1.5 sq.mm + 1X1.5 sq.mm earth wire	10	Metre					
b	2X2.5 sq.mm + 1 X2.5 sq mm earth wire	8	Metre					
с	2X4 sq.mm + $1X4$ sq.mm earth wire	0	Metre					
2.1	Telephone wiring in existing conduit: Supplying and drawing following pair 0.5 sq mm FR PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required.							
а	2 Pair	0	Metre					
3	A/C point							
	S/F 20A SPN MCB industrial socket outlet: Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 amps "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.(Make: Legrand/Havells/HPL)	1	Point					
4	Modular type blanking plate:							

	SCHEDULE OF WORK - REWARI								
SUB:	Civil & Electrical works for setting up of Audiometry ro				1				
S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT				
	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 plate:								
	Supplying and fixing following size/modules, GI box along with modular base & cover plate for modular switches in recess etc as required.(Make: Legrand/Havells/HPL)								
а	2 module	0	Each						
b	3 module	3	Each						
с	4 module	1	Each						
e	6 module	4	Each						
6	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)								
а	5/6 Amps switch	8	Each						
b	3 pin 5/6 Amp socket outlet	8	Each						
с	15/16 Amps switch	3	Each						
d	6pin 15/16 Amps (universal) socket outlet	3	Each						
e	Telephone socket outlet	0	Each						
7	S/F PVC conduit:								
	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.(ISI Make)								
а	20 mm	12	Metre						
b	25 mm	10	Metre						
8	ITC Fluorescent fitting directly on surface:Installation, testing and commissioning of pre-wired, fluorescentfitting / compact fluorescent fitting/LED of all types, completewith all accessories and tube etc. directly on ceiling/ wall,including connection with 1.5 sq. mm FR PVC insulated, copperconductor, single core cable and earthing etc. as required.	2	Each						
9	<b>ITC Ceiling fan:</b> 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.	0	Each						

SCHEDULE OF WORK - REWARI						
SUB:	Civil & Electrical works for setting up of Audiometry ro	om at Dis	trict Hosp	ital, Rewa	ri, Haryana	
S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT	
10	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.	0	Each			
11	CABLE SUPPLY, LAYING AND TERMINATION					
	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.					
а	From Main to DB					
	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	10	Metre			
10						
12	Supply of 10W LED fittings with decorative end cap, powder coated CRCA steel channel complete with all electrical accessories like electronic ballast, lamp holder, 10W lamp etc complete as required. (Havells LHEWEBP7IN1W010/	2	Each			
12.1	Supply and installation of 18 W CFL with its all accessories.	0	Each			
13	Supply and installation of 1200 mm sweep Ceiling fan, white colour, 5 star rated as per BEE complete with blades, down rod, shackle, canopy etc(Make Havells/bajaj/usha/V-guard/Crompton)	0	Each			
13.1	Supply and installation wall fan, white colour, 5 star rated as per BEE complete with its all accessories(Make Havells/bajaj/usha/V-guard)	0	Each			
14	S/F SP & N DB:					
	Supplying and fixing following way prewired SP&N MCB, distribution board of steel sheet for 240 volts on surface/recess complete with loose wire box, terminal connectors for all incoming and outgoing circuits, duly prewired with suitable size FR PVC insulated copper conductor up to terminal blocks, tinned copper bus bar, neutral link, earth bar, detachable gland plate, interconnections, powder painted including earthing etc.as required(But without MCB/RCCB/Isolator) (Make: Legrand/Havells/HPL)					
	4 way SPN, double door	1	Each			
	6 way SPN, double door	0	Each			
14.1	S/F of DP ISOLATOR					
	Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, ISOLATOR having a sensitivity current upto 100 to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc, as required.(Make: Legrand/Havells/HPL)					

	SCHEDULE OF WORK - REV	WARI			
SUB:	Civil & Electrical works for setting up of Audiometry ro	oom at Dis	trict Hospi	ital, Rewa	ri, Haryana
S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	40A, DP isolator	1	Each		
	32A, DP Isolator	0	Each		
14.2	S/F of SP MCB				
	Supplying and fixing 6 amps to 10 amps rating, 240 Volts, "C" series, miniature cirucuit breaker suitable for lighting and other loads of following poles in the existing MCB DB complete with connections, testing and commissioning etc as required.(Make: Legrand/Havells/HPL)				
	6/10A SP MCB	3	Each		
15	Miscellaneous Items				
15.1	Miscellaneous electrical work, removing of existing conduits and interconnections of light,6A socket/16A socket/A/C point from exisiting DB	0	LS		
15.2	Miscellaneous work for supply and fixing of 1-tube light &1- 3 star rated ceiling fan with its all accessories only as per the direction of engineer in charge.[ISI MAKE]	0	Ls		
	Total for Electrical Works				
	Sub Total (Civil & Electrical) (Rs:)				
	GST				
	Grand Total (Inclusive of GST)				
I agree to above.	o complete the work as per the schedule at the rate quoted	by me as			
Date:					Bidder:

	SCHEDULE OF WORK -	SONIPAT	Γ		
CUD.	Civil & Electrical works for setting up of Audio	-	om at Distri	ict Hospita	l, Sonipat,
SUB: S.No	Haryan DESCRIPTION	a QTY	UNIT	RATE	AMOUNT
5.110		QTT	UNII	NAIL	AMOUNT
CEMEN	Civil Works				
CENIEN					
	Cement concrete 1:5:10 (1 cement ,5 sand , 10 hard blue granite stone metal 40mm and down gauge) laid in layers not exceeding 15cm each in depth and well consolidated in foundation/levelling course including necessary shuttering , in steps, in floors, etc . all complete as directed.		M.CUBE		
	Cement concrete 1:4:8 (1 cement ,4 sand , 8 hard blue granite stone metal 40mm and down gauge in layers not exceeding 15 cms in depth well consolidated in foundation and levelling course under floors including necessary shuttering, in steps etc all complete as directed.	1.00	M.CUBE		
MASON	RY WORK				
	Brickwork of locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in cement mortar 1:5 (1 cement,5 sand) in foundation and plinth. No extra payment will be paid for any shape or size,turnings, fins, etc unless otherwise specified seperately.		M.CUBE		
	Half brickwork with locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in CM 1:3 (1 cement 3 sand) and reinforced with two numbers of 6mm dia. M.S rods at every fourth course embedded in cement mortar 1:4 for partitions.				
	In Ground Floor	10.00	M.SQ		
FLOORI	ŃG		-		
	Providing & laying first class full body vitrified ceramic tile of make Kajaria/ Restile/Johnson or equivalent of size 600mmx600mmx 9.5mm or approved size of approved colour (matt finish) in flooring using spacer of required size (2mm-4mm) from endura or equivalent over a bed of cement mortar 1:4 of required thickness to match finished floor level mentioned and to match the neighbouring floor finish and jointed with epoxy grout of approved shade from Bal Endura or equivalent brand all complete as directed.(Basic cost of tile - Rs.85/sft).Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area.No extra shall be payable for forming any pattern in the flooring like border, cut tiles,etc.	10.00	M.SQ		

	SCHEDULE OF WORK - SONIPAT								
SUB:	Civil & Electrical works for setting up of Audio Haryan	•	om at Distri	ict Hospita	l, Sonipat,				
SUB: S.No	DESCRIPTION	a QTY	UNIT	RATE	AMOUNT				
	Providing and laying 600mm x 600mm or required size from Kajaria/ Restile/Johnson glazed tiles of plain series(Satin finish) in dado set in CM 1:3 with joints so as to form a true & even surface and joints finished neatly with white cement mixed with matching pigments all complete as directed. (Rate should include base plastering with CM 1:5 of required thickness.)		M.SQ						
	The rate shall include cost of providing 6mmx6mm groove in the plastering at top of the tile all complete as directed.(Basic cost of tile - Rs.85/sft).Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area.No extra shall be payable for forming any pattern like border, etc.								
	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite of any colour and shade. Area of slab over 0.50 sqm	0.00	M.SQ						
PLASTE	RING								
	Prepare surfaces and plaster with CM 1:3(1 cement, 3 sand) ,12mm minimum thick (sponge finish) to ceiling sides and soffit of beams and columns and other interior and exterior RCC surfaces not contiguous to masonry.	20.00	M.SQ						
	Prepare surfaces and plaster with CM 1:5(1 cement, 5 sand) ,12mm minimum thick to all interior faces of walls (sponge finish) including RCC surfaces not contiguous to masonry.Necessary internal grooves of size 10mmx10mm shall be carried out as shown/directed by engineer-in-charge.		M.SQ						
DAD									
PAINTIN									
	Prepare surfaces and paint two coats of plastic emulsion paint of approved colour over two coats of Gypsum punning of 6 mm minimum thick and primer all complete as per manufacturers specifications to all ceilings in all floors.		M.SQ						

	SCHEDULE OF WORK - S	SONIPAT	Γ						
	Civil & Electrical works for setting up of Audiometry room at District Hospital, Sonipat								
SUB:	Haryan								
S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT				
	Finishing with oil bound washable Interior Emulsion of approved brand and manufacture to give an even shade : New work (two or more coats) over and including water thinnable priming coat with cement primer	78.00	M.SQ						
	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	12.00	M.SQ						
	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	9.00	M.SQ						
	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	78.00	M.SQ						
	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete		M.SQ						
	Finishing with Deluxe Multi surface paint system for exteriors using Primer as per manufacturers specifications : Two or more coats applied on walls @ 1.25 ltr/10 sqm		M.SQ						
DIGMAN									
DISMAN	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.	2.00	M.CUBE						
	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.	1.00	M.CUBE						
	Dismantling Aluminium partition including disposing the debris away from site as directed by engineer in charge all complete.	36.00	SQM						

	SCHEDULE V SCHEDULE OF WORK - SONIPAT						
Civil & Electrical works for setting up of Audiometry room at District Hospital, Sonipa							
SUB:	Haryana						
S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT		
	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.	2.00	EACH				
	Dismantling Tile Flooring and Walls and disposing the debris away from site all complete as directed.	36.00	M.SQ				
FALSE (	CEILING & CLADDING						
	Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building, for all heights and all levels etc. including: Structural analysis & design and preparation of shop drawings for pressure equalisation or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design. Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metalic colour of approved shades made out of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc. The fastening brackets of Aluminium alloy 6005 T5 / MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specification and drawing The item includes cost of all material & labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding, the and proved the building for occupation. Base frame work for ACP cladding is payable under the relevant aluminium item.s The Contractor shall provide curtain wall with aluminium composite panel cladding, having all the performance characteristics all complete , as per the Architectural drawings, as per item des		M.SQ				

	SCHEDULE OF WORK - SONIPAT						
CUD.	Civil & Electrical works for setting up of Audiometry room at District Hospital, Sonipat,						
SUB: S.No	Haryan DESCRIPTION	a QTY	UNIT	RATE	AMOUNT		
	directed by the Engineer-in-Charge. However, for the purpose of payment, only the actual area on the external face of the curtain wall with Aluminum Composite Panel Cladding (including width of groove) shall be measured in sqm. up to two decimal places."						
	Providing & fixing 35mm Flush doors 1.0 mm thk laminate as per design. The item includes Providing and fixing chaukhats made from 100mm x S0mm teak wood members. The Doors to have all hardware such as 125mm SS hinges, 450 mm long SS handles, SS tower bolts, Mortice Locks (Dorma/ Godrej). The item also includes SS rods 6mmx6mm inserted in grooves as per details complete to the satisfaction of Architects / HLL. Size of Door: 1000 x2100mm lncludlng chaukhats.	5.00	M.SQ				
	Providing and Fixing Acoustic tiles of 15 mm thickness and tegular edge, easily demountable tile, manufactured from High density glass wool, with the visible surface batch painted glass tissue in white and the back of the tile should be covered with glass tissue. The glass wool core of the tiles should be tested and classified as noncombustible according to prEN ISO 1182. The system should have Sound Absorption NRC value of 0.9 (according to ASTM C 423). Tiles should withstand a permanent ambient RH Upto 95% at 30*C without sagging, warping or delaminating (ISO 4611). The light reflectance of the tiles should not be less than 83%. Tiles certified by the indoor climate labeling and recommended by Swedish asthama and allergy association and granted Nordic Swan eco–label and fully recyclable. The glass wool core of the tiles should be tested and classified as non combustible according to EN ISO 1182 and the ceilings should fall under Class A2 –s1 d0 according to EN 13501-1.	10	M.SQ				

SCHEDULE OF WORK - SONIPAT					
Civil & Electrical works for setting up of Audiometry room at District Hospital, Se SUB: Haryana					
SUD: S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	Operable Acoustic Partitions (Type 2) – Training rooms (G.F.) (Without perforation) with openable and foldable doors alongwith complete arrangement and fittings required and as per the drawing. Supply and installation of operable acoustical partitions in designated area comprising individual panels 100mm thick and maximum 1200mm wide Panels shall be of all Steel construction and shall fully enclose and protect all edges of surface material with protective edge trim. Panel skins shall be of MDF Board (good quality Exterior Grade) laminated to steel structure and acoustical backing, mounted in full aluminium profile perimeter protective frames. Vertical sound seals between panels shall be tounge and groove configuration incorporating vinyl acoustical seals Panel weight shall not exceed 55 kg/sqm. Panels shall be suspended from roll-formed steel track system suspended from steel supports by threaded rods. Each panel shall be top supported by two trolley assemblies comprising steel ball bearing wheels. Partitions to be complete with Veneer in both sides as per approved sample (with a base rate of Rs. 200 Per Sqft). Panels shall have operable top and bottom seals simultaneously operated by a removable handle. The seals shall not contact floor or track during movement of panels. Panels shall also feature horizontal seals for stabilization and acoustic performance. Final partition closure to be accomplished by lever closure panel of same construction as basic panel but provided with an expanding jamb operated by a removable handle. The partition shall have been tested by an independent acoustical laboratory and shall have weighted SRI (Rw) of at least 51 in accordance with ASTM E90/DIN 52210. After installation, operable partition shall be tested by manufacturer in presence of client's representative and consultant. Noise reduction measurements shall be made in accordance with ASTM E336. NIC shall be calculated as per ASTM E413. Noise reduction shall meet NIC 51. Entire work to be done complete as per drawings, specif	56	M.SQ		
	Providing and Fixing Wooden false Ceiling comprising of a Galvanized MS frame as required covered with 12 mm thick Marine ply, followed by 6 mm premium quality MDF for making groove and finished with a natural veneer (as approved) of 3.5 mm thickness duly Spirit polished with melamine matt coating. The ceiling shall be fixed to the roof soffit with adequate suspenders. The item shall be inclusive of cutting & making cutouts for lights, diffusers etc all complete. (veneer with basic cost Upto Rs:100 per sft FOR site)	0	M.SQ		
	Total for Civil Works				

SCHEDULE OF WORK - SONIPAT							
SUB:	Civil & Electrical works for setting up of Audiometry room at District Hospital, Sonipat, Haryana						
S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT		
	Electrical Works						
1	Point wiring in PVC conduit with modular type switch.						
	Wiring for light point/fan point/exhaust fan point /call bell point with 1.5 sq mm FR PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit, with modular switch, modular plate, suitable PVC box and earthing the point with 1.5 sq.mm FR PVC insulated copper conductor single core cable etc as required.						
	Group C	4	Point				
2	Wiring through PVC conduit						
	Wiring for circuit/submain wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/recessed medium class PVC conduit as required.(Make:Havells/Finolex/V- guard/Polycab)						
а	2X1.5 sq.mm + 1X1.5 sq.mm earth wire	15	Metre				
b	2X2.5 sq.mm + 1 X2.5 sq mm earth wire	12	Metre				
c	2X4 sq.mm + 1X4 sq.mm earth wire	0	Metre				
2.1	Telephone wiring in existing conduit:						
	Supplying and drawing following pair 0.5 sq mm FR PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required.						
а	2 Pair	0	Metre				
3	A/C point						
	S/F 20A SPN MCB industrial socket outlet: Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 amps "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.(Make: Legrand/Havells/HPL)	1	Point				
4	Modular type blanking plate:						
	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.(Make: Legrand/Havells/HPL)	1	Each				
5							
5	Modular boxes, bases & cover plate:						

	SCHEDULE OF WORK - SONIPAT						
SUB:	Civil & Electrical works for setting up of Audiometry room at District Hospital, Sonipat, Haryana						
SCD. S.No	DESCRIPTION	a QTY	UNIT	RATE	AMOUNT		
	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)						
а	2 module	0	Each				
b	3 module	3	Each				
с	4 module	1	Each				
e	6 module	4	Each				
6	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)						
а	5/6 Amps switch	8	Each				
b	3 pin 5/6 Amp socket outlet	8	Each				
с	15/16 Amps switch	3	Each				
d	6pin 15/16 Amps (universal) socket outlet	3	Each				
e	Telephone socket outlet	0	Each				
7	S/F PVC conduit:						
	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.(ISI Make)						
а	20 mm	16	Metre				
b	25 mm	13	Metre				
8	<b>ITC Fluorescent fitting directly on surface:</b> 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.	4	Each				
9	<b>ITC Ceiling fan:</b> 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.	0	Each				
10	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.	0	Each				

	SCHEDULE OF WORK - SONIPAT						
SUB:	Civil & Electrical works for setting up of Audiometry room at District Hospital, Sonipat, Haryana						
S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT		
11	CABLE SUPPLY, LAYING AND TERMINATION						
	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.						
а	From Main to DB						
	$2 \times 6$ sq. mm + $1 \times 6$ sq. mm earth wire	10	Metre				
12	Supply of 10W LED fittings with decorative end cap,						
	powder coated CRCA steel channel complete with all	4	F 1				
	electrical accessories like electronic ballast, lamp holder, 10W lamp etc complete as required. (Havells	4	Each				
	LHEWEBP7IN1W010/						
12.1	Supply and installation of 18 W CFL with its all	0	Each				
	accessories.						
13	Supply and installation of 1200 mm sweep Ceiling fan,						
	white colour, 5 star rated as per BEE complete with	0	Each				
	blades, down rod, shackle, canopy etc(Make Havells/bajaj/usha/V-guard/Crompton)						
	The verse of guild, using v Guild, Crompton)						
13.1	Supply and installation wall fan, white colour, 5 star rated						
	as per BEE complete with its all accessories(Make	0	Each				
	Havells/bajaj/usha/V-guard)						
14	S/F SP & N DB:						
	Supplying and fixing following way prewired SP&N						
	MCB, distribution board of steel sheet for 240 volts on surface/recess complete with loose wire box, terminal						
	connectors for all incoming and outgoing circuits, duly						
	prewired with suitable size FR PVC insulated copper						
	conductor up to terminal blocks, tinned copper bus bar, neutral link, earth bar, detachable gland plate,						
	interconnections, powder painted including earthing etc.as						
	required(But without MCB/RCCB/Isolator) (Make:						
	Legrand/Havells/HPL)	1	E1				
	4 way SPN, double door	1	Each				
14.1	6 way SPN, double door	0	Each				
17.1	S/F of DP ISOLATOR						
	Supplying and fixing following rating, double pole,						
	(single phase and neutral), 240 volts, ISOLATOR having a sensitivity current upto 100 to 300 milliamperes in the						
	existing MCB DB complete with connections, testing and						

SUB:	SCHEDULE OF WORK - SONIPAT Civil & Electrical works for setting up of Audiometry room at District Hospital, Sonipat, Haryana						
SCD. S.No	DESCRIPTION         commissioning       etc,       as       required.(Make:         Legrand/Havells/HPL)       Iteration       Iteration	QTY	UNIT	RATE	AMOUNT		
	40A, DP isolator	1	Each				
	32A, DP Isolator	0	Each				
14.2	S/F of SP MCB						
	Supplying and fixing 6 amps to 10 amps rating, 240 Volts, "C" series, miniature cirucuit breaker suitable for lighting and other loads of following poles in the existing MCB DB complete with connections, testing and commissioning etc as required.(Make: Legrand/Havells/HPL)						
	6/10A SP MCB	3	Each				
15	Miscellaneous Items						
15.1	Miscellaneous electrical work, removing of existing conduits and interconnections of light,6A socket/16A socket/A/C point from exisitng DB	0	LS				
15.2	Miscellaneous work for supply and fixing of 1-tube light &1- 3 star rated ceiling fan with its all accessories only as per the direction of engineer in charge.[ISI MAKE]	0	Ls				
	Total for Electrical Works						
	Sub Total (Civil & Electrical) (Rs:)						
	GST						
	Grand Total (Inclusive of GST)						
	complete the work as per the schedule at the rate quot	ed by me					
as above							
Date: Bidder:							