

TENDER FOR
INTERIOR WORKS
(i) Electrical works and
(ii) Glass Partition & Wooden Panelling
FOR HLL LIFECARE LIMITED AT
PALLIKARANAI, CHENNAI

Tender Document

TENDER NO. HLL/ID/17/01

Dated: 22nd June 2017

Part-III
Price Bid

 **HLL Lifecare Limited**
(A Government of India Enterprise)
एचएलएल लाइफ़केयर लिमिटेड
(भारत सरकार का उद्यम)
GOLDEN JUBILEE BLOCK
HLL BHAVAN, POOJAPPURA PO
THIRUVANANTHAPURAM – 695012
PHONE: 0471-2775500/68

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1 COMMERCIAL CONDITIONS

1.0.1 The tendered rate shall inter alia be deemed to include for the provision of all materials, process, operation and special requirements detailed in the particular specification irrespective of whether these are mentioned in the description of equipment schedule and Bill of quantities or not. It is an express condition of the contract that the tendered rates for various items in the Bill of Quantities shall be deemed to include for the full, entire and final condition of the contractor respective items of the works in accordance with the provision of the contract.

1.0.2 The tendered rate shall include for all taxes, duties, etc. as applicable and shall be quoted on the works contract basis for **Interior works for the Interior work for HLL lifecare limited at pallikaranai, chennai.**

1.0.3 The tendered rate shall remain firm and free from variation due to rise in the cost of materials/ equipment, labour or any other reasons whatsoever during the contract period and valid extension on the case may be.

1.0.4 The quantum of excise duty included in the tendered price, the rate at which they were assumed etc. shall be indicated in the tender.

1.1 UNIT RATES

1.11 Only approved work will be measured on completion and priced as per rates quoted against the respective items.

1.2 BRIEF DESCRIPTION OF PRICING

1.2.1. Unforeseen difficulties for which provision has not been made in the tender will in no way relieve the successful tenderer from the full execution of the work.

1.2.2 The price quoted shall be the final amount for this finished work.

1.3 INCOME TAX

Any payment to the contractor as per contract, will be made after deducting income tax as per the rules and regulations.

1.4 SALES TAX AND EXCISE DUTY

The tenderer shall include all applicable taxes and duties in their quoted rates. The bid which mention that applicable taxes and duties extra shall be summarily rejected.

1.6. SUBMISSION OF BILL

1.6.1. The contractor shall from time to time prepare and submit interim bills of the work executed and on completion of the contract, he shall prepare and submit the final bill. The measurements sheets in support of the interim and final bills shall be prepared by the contractor on the basis of measurements taken by him jointly with the project engineer and the said measurement sheets shall be submitted by him with the relevant bill.

1.7. EXTRA ITEMS

The contractor is bound to carry out any items of work necessary for the completion of the job even though such items may not have been included in the schedule of probable quantities or rates, such items being necessary or essential for completing the job. Variation order in respect of such additional items and their quantities will be issued in writing by the employer.

1.7.1 All shavings, cuttings and other rubbish as it accumulates from time to time during the progress of work and on completion including that of the sub-contractors and special tradesman and all materials condemned by the project engineer shall be cleared and removed from the site by the contractor without any extra charge.

1.7.2 All measuring steel taps, scaffolding, ladders instruments and tools that may be required for taking measurements shall be supplied by the contractor.

1.8. OVER TIME WORK

If the contractor is required to work night or on holidays in order to maintain the time schedule he shall take prior approval from the Engineer-in-charge. He should also provide and maintain at his own cost sufficient lights as may be necessary to enable the work to proceed satisfactorily during the night.

1.8.1. The contractor shall give full facilities to all other contractors working on site. He shall also arrange his programme of work so as not hinder the progress of other trades. The decision of the Engineer-in-charge on any point of dispute between the various parties shall be final and binding.

1.8.2. It is specifically pointed out that the contractor shall not be entitled to any compensation whatsoever on account of delay in procurement or supply of controlled materials and the rates quoted in the contract are fixed till the completion of the contract.

1.8.3. The contractor shall co-operate with other agencies appointed by the owners for the work to proceed smoothly with the least possible delay and to the satisfaction of the owners and the consultants.

1.8.4. The owners shall provide a source for power supply at one convenient point at site. The contractor shall at his own cost install a separate meter at the said source and lay additional cables from the said source also at his own cost. For the electricity consumed by the contractor he shall pay the owner the actual cost at the rate charged by the local authority for power for constructional purposes. The contractor shall also obtain the necessary permit for utilizing power for constructional purposes.

2 SPECIAL CONDITIONS

2.1 EXECUTION WORK

- 2.1.1. The whole of the work as described in the contract (including bills of materials, specification and all drawings pertaining thereto) and as advised by the Engineer-in-charge from time is to be carried out and completed in all parts to the entire satisfaction of the Employer. Any minor details of construction which are obviously and fairly intended, or which may not have been definitely referred to in this contract, but which are usual construction practice and essential to the work, shall be included in this contract.
- 2.1.2. Bidder shall furnish letter of authorization and warranty support from the principal company for the quoted items.
- 2.1.3 Bidder shall furnish detailed Specification sheet or Technical literature of each item offered.

2.2. CERTIFICATE OF COMPLETION

- 2.2.1 The contractor shall intimate to the Engineer-in-charge in writing as and when the works are completed and put into beneficial use in order to enable the consultants to check certify to the owners to take over the work.
- 2.2.2 The work shall not be considered as completed and put into beneficial use until the EIC have certified in writing that the same has been completed and put into beneficial use.
- 2.2.3 The defects liability period of one year shall commence from date of such completion or any specific date mentioned therein.
- 2.2.4 The defect liability period is 1 year from the date of acceptance of completed work .

2.2.5 The original warranty documents of the equipments shall be handed over to the client at the time of handing over of the project.

2.3 Payment terms

- 65% of the contract value on pro-rata basis against open delivery of material at site and stored as directed by HLL and after verification.
- 25% of the contract value on satisfactory erection, installation and commissioning of the complete system on pro-rata basis.
- 5% of the contract value after taking over of the system.
- The balance 5% after the expiry of guarantee/ warranty/ defect liability period. However the final payment after Defect Liability Period shall be released against submission of Bank Guarantee for equivalent amount.

Technical requirements:

Schedule-01

Sl. No	Items of work	Unit	Qty.
Electrical works			
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc. as required.		
	Group A	Point	250.00
	Group C	Point	250.00
2	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit alongwith 1 No 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.		
	Above 150%	Metre	5,175.00
3	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required		
	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	Metre	2,000.00
	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	Metre	11,845.20
	2 X 4 sq. mm + 1 X 4sq. mm earth wire	Metre	800.00

	4 X 6 sq. mm + 2 X 6 sq. mm earth wire	Metre	150.00
4	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required		
	2 Pair	Metre	3,050.00
	4 Pair	Metre	11,802.00
5	Supplying and drawing co-axial TV cable RG-6 grade, 0.7 mm solid copper conductor PE insulated, shielded with fine tinned copper braid and protected with PVC sheath in the existing surface/ recessed steel/ PVC conduit as required.	Metre	850.00
6	Supplying and fixing of following sizes of mediumclass PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.		
	20mm	Metre	1,050.00
7	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.		
	Telephone socket outlet	Each	220.00
	TV antenna socket outlet	Each	16.00
8	Supplying and fixing stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	Each	2.00
9	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.		
	1 or 2 Module	Each	150.00
	3 Module	Each	30.00
10	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required. (For light plugs to be used in non residential buildings).	Each	920.00
11	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required.	Each	65.00

12	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.		
	Single pole and neutral	Each	20.00
13	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.	Each	10.00
14	Supplying and laying 100 pair 0.5 Sq.mm. PVC insulated armoured telephone cables.	Metre	347.00
	LIGHTING FIXTURES & FANS		
	Supplying, installation, testing and commissioning of the following luminaries on surface / wall/ false ceiling with Necessary accessories for illumination. the cost shall include fixtures, luminarie, fixing accessories, required support structures, terminationetc. complete.		
15	Supply, installation testing and commissioning Lowdepth'SLEEK-SQ' Sleek square recess mounting LED downlight with luminaire of 15 W Similar to Bajaj BGSLO SLEEK 15 WH SQ/Philips / Wiproor Equivalent with prior approval from HLL Engineer Incharge, for lobby areas	NO	49.00
16	Supply & fixing of 12W LED SQUARE SURFACE PANEL suitable surface mounting fitting with luminaire at toilets including making connection etc as required. (Wipro Garnet Slim D831627 16-Watt Square Panel Light/ Philips / GE or Equivalent with prior approval from HLL Engineer Incharge)	No	32.00
17	Supply & fixing Mirror light fittings with 7W LED at toilets including making connection etc as required. (WIPRO MAGMA P07005/ Philips / GE or Equivalent with prior approval from HLL Engineer Incharge).	No	26.00
18	Supply of 1200 mm sweep min three star rated ceiling fan complete with motor, double ball bearing, blades, canopy, 30 cm down rod and without speed regulator suitable for 230 V 50 HZ, AC supply confirms to IS 374/1979 as required complete. (Make Usha Technix / Bajaj / Crompton or Equivalent with prior approval from HLL Engineer Incharge).	No	8.00
19	Supply of 300mm sweep exhaust fan, metal blades with safety guard suitable for single phase 230 volt, 50Hz AC supply complete with motor, capacitor and all accessories as required complete. (Make : Usha Turbo/ Bajaj / Crompton or Equivalent with prior approval from HLL Engineer Incharge)	No	12.00
20	Supply, installation of 2 x 2 feet square type LED light fitting with luminaire similar to bajaj 'DOMINTO' Sleek suspended / recess mounting LED 2x2 luminaire / Philips / GE / Wipro or Equivalent with prior approval from HLL Engineer Incharge at office space	No	100.00
21	Supply and fixing of Flexi LED strip in the decorative false ceiling approximately 5 mtr roll inclusinve of connections and all accessories etc. complete similar to Bajaj Flexi LED strip - 5W/mtr, IP20, 5mtr roll (IP20 driver included) or Equivalent with prior approval from HLL Engineer Incharge	No	70.00

22	Supply and laying of 25mm pvc pipe with necessary laying works	Mtrs	2,000.00
23	Supply and laying of CAT 6 Data cable in existing PVC Conduit with necessary laying works	Mtrs	18,000.00
24	Supply and fixing of RJ 45 Data Socket in existing modular type Box and plate with necessary fixing works	Nos	300.00
25	Supply and laying of 32mm pvc pipe with necessary laying works	Mtrs	1,000.00
26	Supply and fixing of 150x150 mm GI Junction box with suitable sixe top cover with necessary fixing works	Nos	60.00
27	Supply and fixing of 250x250 mm GI Junction box with suitable sixe top cover with necessary fixing works	Nos	80.00
28	Supply and fixing of 300x300 mm GI Junction box with suitable sixe top cover with necessary fixing works	Nos	60.00
29	Supply and fixing of 450x450 mm GI Junction box with suitable sixe top cover with necessary fixing works	Nos	30.00
30	Supply and fixing of 2 Module metal box with necessary fixing works	Nos	250.00
31	Supply and fixing of 3 Module metal box with necessary fixing works	Nos	30.00
32	Supply and fixing of 12 Way SPN MCB DB with 40A DP MCB as incomer and 6/10A SP MCB - 10 Nos as outgoing with necessary fixing works for ELDB	Nos	1.00
33	Supply and installation of Aluminium Race way of size 63mm X 38mm, 1.6mm thick including supports and hardwares etc. Complete as per specification.	Nos	2,000.00
34	Supply, Installation, Testing & Commissioning of 6 KVA DSP based Online UPS with IGBT rectifier, IGBT inverter , nominal input voltage of 230V, 2 wired with 1 pole breaker and output nominal voltage 6V , 6KVA power output with 93% full load capacity with multifunction LCD status console , Emergency power off operating at temperature of 040 degress.Make (APC, EATON/EMERSON or Equivalent with prior approval from HLL Engineer Incharge) Double Conversion Technology with Static Bypass For 30 minute backup to the stated load complete with all necessary hardware & accessories, etc. complete as required.	Set	1.00

35	Required number of VRLA/SMF Battery - 12 V for Battery backup upto 30 minutes With Battery cabinets and Cables along with necessary hardware, accessories - Battery Breaker, Racks, Linkset & Battery to UPS Cablesetc. complete as required. (Make of batteries- Exide / Amaron / Amco or Equivalent with prior approval from HLL Engineer Incharge) Network management card (OC WAP Card) for the UPS to connect to the server. (If required.)	Set	1.00
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Schedule-2

Sl. No	Items of work	Unit	Qty.
Glass Partition & Wooden Panelling			
1	Providing and fixing 12 mm thick frameless toughened glass partition of approved brand and manufacture, including providing and fixing top & bottom pivot and making necessary arrangements in floor and repairing any damaged flooring.	Sqm	288.50
2	Providing and fixing 12 mm thick frameless toughened glass door shutter of approved brand and manufacture, including providing and fixing top & bottom pivot & spring type fixing arrangement and making necessary holes etc. for fixing required door fittings, all complete as per direction of Engineer-in-charge (Door handle, lock and stopper etc.to be paid separately).	Sqm	31.00
3	Providing and fixing stainless steel of 304 grade handles 450 mm length & with patch fitted lock with necessary screws etc complete (lock with 3 keys fixed) at floor level	Set	15.00
4	Providing and fixing double action hydraulic floor spring of approved brand and manufacture(Dorma) conforming to IS : 6315, having brand logo embossed on the body / plate with double spring mechanism and door weight upto 125 kg., for doors, including cost of cutting floors , embedding in floors as required and making good the same matching to the existing floor finishing and cover plates with brass pivot and single piece M.S. sheet outer box with slide plate etc. complete as per the direction of Engineer-in-charge. With brass cover plate minimum 1.25 mm thickness	Nos	15.00
5	Providing and fixing Veneer finished wooden wall paneling (Drawing to be submitted for approval by Engineer - In Charge), Panels of 6 mm MDF board cold pressed with 2.0 mm thick natural wood veneer duly Spirit polished and melamine matt coat in design and pattern as per drawings & as approved fixed over walls duly screwed. The sides of frame touching the masonry will be painted with black Japan.	Sqm	120.00

6	<p>Providing and fixing minimum 8mm thick AC III grade laminated wooden flooring suitable for commercial use areas like Conference hall application of approved make, shade and pattern. The top surface shall have a min 0.20 mm thick multi layer high pressure laminate fixed over moisture resistant high density fiberboard substrate. The planks shall be of size approx 1200 mm x 200/125 mm. The planks shall be placed on an underlay of 0.2 mm thick alkali resistant Polyethylene sheet having density 920-935 kg/m³ to resist moisture from the sub floor with a 1.5 mm thick extruded polyethylene foam to secure the floor installation etc all complete. (Skirting profiles, trims etc shall be included & not paid extra) as per direction of E-I-C. (Makes - Armstrong/ Pergo/Tesa or Equivalent with prior approval from HLL Engineer Incharge)</p>	Sqm	70.00
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BILL OF QUANTITIES

Schedule-01

Sl. No	Items of work	Unit	Qty.	Rate	Amount
Electrical works					
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc. as required.				
	Group A	Point	250.00		-
	Group C	Point	250.00		-
2	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit alongwith 1 No 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.				
	Above 150%	Metre	5,175.00		-
3	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required				
	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	Metre	2,000.00		-
	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	Metre	11,845.20		-
	2 X 4 sq. mm + 1 X 4sq. mm earth wire	Metre			

			800.00		-
	4 X 6 sq. mm + 2 X 6 sq. mm earth wire	Metre	150.00		-
4	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required				
	2 Pair	Metre	3,050.00		-
	4 Pair	Metre	11,802.00		-
5	Supplying and drawing co-axial TV cable RG-6 grade, 0.7 mm solid copper conductor PE insulated, shielded with fine tinned copper braid and protected with PVC sheath in the existing surface/ recessed steel/ PVC conduit as required.	Metre	850.00		-
6	Supplying and fixing of following sizes of mediumclass PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.				
	20mm	Metre	1,050.00		-
7	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.				-
	Telephone socket outlet	Each	220.00		-
	TV antenna socket outlet	Each	16.00		-
8	Supplying and fixing stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	Each	2.00		-

9	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.				
	1 or 2 Module	Each	150.00		-
	3 Module	Each	30.00		-
10	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required. (For light plugs to be used in non residential buildings).	Each	920.00		-
11	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required.	Each	65.00		-
12	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	Single pole and neutral	Each	20.00		-
13	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.	Each	10.00		-
14	Supplying and laying 100 pair 0.5 Sq.mm. PVC insulated armoured telephone cables.	Metre	347.00		-

	LIGHTING FIXTURES & FANS				
	Supplying, installation, testing and commissioning of the following luminaries on surface / wall/ false ceiling with Necessary accessories for illumination. the cost shall include fixtures, luminarie, fixing accessories, required support structures, terminationetc. complete.				
15	Supply, installation testing and commissioning Lowdepth'SLEEK- SQ' Sleek square recess mounting LED downlight with luminaire of 15 W Similar to Bajaj BGSLO SLEEK 15 WH SQ/Philips / Wiproor Equivalent with prior approval from HLL Engineer Incharge, for lobby areas	NO	49.00		-
16	Supply & fixing of 12W LED SQUARE SURFACE PANEL suitable surface mounting fitting with luminaire at toilets including making connection etc as required. (Wipro Garnet Slim D831627 16-Watt Square Panel Light/ Philips / GE or Equivalent with prior approval from HLL Engineer Incharge)	No	32.00		-
17	Supply & fixing Mirror light fittings with 7W LED at toilets including making connection etc as required. (WIPRO MAGMA P07005/ Philips / GE or Equivalent with prior approval from HLL Engineer Incharge).	No	26.00		-
18	Supply of 1200 mm sweep min three star rated ceiling fan complete with motor, double ball bearing, blades, canopy, 30 cm down rod and without speed regulator suitable for 230 V 50 HZ, AC supply confirms to IS 374/1979 as required complete. (Make Usha Technix / Bajaj / Crompton or Equivalent with prior approval from HLL Engineer Incharge).	No	8.00		-

19	Supply of 300mm sweep exhaust fan, metal blades with safety guard suitable for single phase 230 volt, 50Hz AC supply complete with motor, capacitor and all accessories as required complete. (Make : Usha Turbo/ Bajaj / Crompton)	No	12.00		-
20	Supply, installation of 2 x 2 feet square type LED light fitting with luminaire similar to bajaj 'DOMINTO' Sleek suspended / recess mounting LED 2x2 luminaire / Philips / GE / Wipro or Equivalent with prior approval from HLL Engineer Incharge at office space	No	100.00		-
21	Supply and fixing of Flexi LED strip in the decorative false ceiling approximately 5 mtr roll inclusive of connections and all accessories etc. complete similar to Bajaj Flexi LED strip - 5W/mtr, IP20, 5mtr roll (IP20 driver included) or Equivalent with prior approval from HLL Engineer Incharge	No	70.00		-
22	Supply and laying of 25mm pvc pipe with necessary laying works	Mtrs	2,000.00		-
23	Supply and laying of CAT 6 Data cable in existing PVC Conduit with necessary laying works	Mtrs	18,000.00		-
24	Supply and fixing of RJ 45 Data Socket in existing modular type Box and plate with necessary fixing works	Nos	300.00		-
25	Supply and laying of 32mm pvc pipe with necessary laying works	Mtrs	1,000.00		-
26	Supply and fixing of 150x150 mm GI Junction box with suitable size top cover with necessary fixing works	Nos	60.00		-
27	Supply and fixing of 250x250 mm GI Junction box with suitable size top cover with necessary fixing works	Nos	80.00		-
28	Supply and fixing of 300x300 mm GI Junction box with suitable size top cover	Nos	60.00		-

	with necessary fixing works				
29	Supply and fixing of 450x450 mm GI Junction box with suitable size top cover with necessary fixing works	Nos	30.00		-
30	Supply and fixing of 2 Module metal box with necessary fixing works	Nos	250.00		-
31	Supply and fixing of 3 Module metal box with necessary fixing works	Nos	30.00		-
32	Supply and fixing of 12 Way SPN MCB DB with 40A DP MCB as incomer and 6/10A SP MCB - 10 Nos as outgoing with necessary fixing works for ELDB	Nos	1.00		-
33	Supply and installation of Aluminium Race way of size 63mm X 38mm, 1.6mm thick including supports and hardwares etc. Complete as per specification.	Nos	2,000.00		-
34	Supply, Installation, Testing & Commissioning of 6 KVA DSP based Online UPS with IGBT rectifier, IGBT inverter, nominal input voltage of 230V, 2 wired with 1 pole breaker and output nominal voltage 6V, 6KVA power output with 93% full load capacity with multifunction LCD status console, Emergency power off operating at temperature of 040 degress. Make (APC, EATON/EMERSON or Equivalent with prior approval from HLL Engineer Incharge) Double Conversion Technology with Static Bypass For 30 minute backup to the stated load complete with all necessary hardware & accessories, etc. complete as required.	Set	1.00		-

35	Required number of VRLA/SMF Battery - 12 V for Battery backup upto 30 minutes With Battery cabinets and Cables along with necessary hardware, accessories - Battery Breaker, Racks, Linkset & Battery to UPS Cablesetc. complete as required. (Make of batteries- Exide / Amaron / Amco or Equivalent with prior approval from HLL Engineer Incharge) Network management card (OC WAP Card) for the UPS to connect to the server. (If required.)	Set	1.00		-
	All applicable taxes to be specified including GST.				
	Total - (Inclusive of all taxes)				-

Schedule-02

Sl. No	Items of work	Unit	Qty.	Rate	Amount
Glass Partition & Wooden Panelling					
1	Providing and fixing 12 mm thick frameless toughened glass partition of approved brand and manufacture, including providing and fixing top & bottom pivot and making necessary arrangements in floor and repairing any damaged flooring.	Sqm	288.50		-
2	Providing and fixing 12 mm thick frameless toughened glass door shutter of approved brand and manufacture, including providing and fixing top & bottom pivot & spring type fixing arrangement and making necessary holes etc. for fixing required door fittings, all complete as per direction of Engineer-in-charge (Door handle, lock and stopper etc.to be paid separately).	Sqm	31.00		-
3	Providing and fixing stainless steel of 304 grade handles 450 mm length & with patch fitted lock with necessary screws etc complete (lock with 3 keys fixed) at floor level	Set	15.00		-

4	Providing and fixing double action hydraulic floor spring of approved brand and manufacture(Dorma) conforming to IS : 6315, having brand logo embossed on the body / plate with double spring mechanism and door weight upto 125 kg., for doors, including cost of cutting floors , embedding in floors as required and making good the same matching to the existing floor finishing and cover plates with brass pivot and single piece M.S. sheet outer box with slide plate etc. complete as per the direction of Engineer-in-charge. With brass cover plate minimum 1.25 mm thickness	Nos	15.00		-
5	Providing and fixing Veneer finished wooden wall paneling (Drawing to be submitted for approval by Engineer - In _Charge), Panels of 6 mm MDF board cold pressed with 2.0 mm thick natural wood veneer duly Spirit polished and melamine matt coat in design and pattern as per drawings & as approved fixed over walls duly screwed. The sides of frame touching the masonry will be painted with black Japan.	Sqm	120.00		-
6	Providing and fixing minimum 8mm thick AC III grade laminated wooden flooring suitable for commercial use areas like Conference hall application of approved make, shade and pattern. The top surface shall have a min 0.20 mm thick multi layer high pressure laminate fixed over moisture resistant high density fiberboard substrate. The planks shall be of size approx 1200 mm x 200/125 mm. The planks shall be placed on an underlay of 0.2 mm thick alkali resistant Polyethylene sheet having density 920-935 kg/ m3 to resist moisture from the sub floor with a 1.5 mm thick extruded polyethylene foam to secure the floor installation etc all complete. (Skirting profiles, trims etc shall be included & not paid extra) as per direction of E-I-C. (Makes - Armstrong/ Pergo/Tesa or Equivalent with prior approval from HLL Engineer Incharge)	Sqm	70.00		-
	All applicable taxes to be specified including GST.				
	Total - (Inclusive of all taxes)				-