

TENDER

FOR

**SETTING UP OF EMERGENCY AND CRITICAL CARE
DEPARTMENT - SETTING UP OF CONNECTION CORRIDOR
FROM TRIAGE BUILDING TO CASUALTY AT THRISSUR
MEDICAL COLLEGE.**

**PART-III
PRICE BID**

TENDER NO. HLL/IDS/18/85 dated 01.03.2019

March 2019

**HLL LIFECARE LIMITED
INFRASTRUCTURE DEVELOPMENT DIVISION**

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1. COMMERCIAL CONDITIONS

1.0.1 The Abstract Of Bill Of Quantities In The Price Bid Shall Be Invariably Filled.

1.0.2 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.

1.0.3 The tendered rate shall include all taxes, duties, etc. including GST for the Setting up of emergency and critical care department - Setting up of connection corridor from Triage building to casualty at Thrissur Medical college. 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.

1.1 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.

1.4 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. UNIT RATES

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

3. BRIEF DESCRIPTION OF PRICING

3.1 The tenderer shall furnish duly certified breakup for each item of work.

4. PRO-RATA VALUE

The detailed break up of prices for various items and materials of the full system should be provided by successful tenderers to facilitate the Employer for assessment and verification and to certify payment.

5. INCOME TAX

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

6. TAX

The quoted price shall be inclusive of all taxes including GST and duties

7. SUBMISSION OF BILL

- 7.1 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.

8. 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.

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.

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

09.3 CERTIFICATE OF COMPLETION

- 09.3.1 The contractor shall intimate to HLL in writing as and when the works are completed and put into beneficial use in order to enable HLL to check certify to the Employer to take over the plants.

- 09.3.2 The work shall not be considered as completed and put into beneficial use until HLL have certified in writing that the same has been completed and put into beneficial use.

- 09.3.3 The defects liability period of five years shall commence from date of such completion or any specific date mentioned therein.

10 STATUTARY APPROVALS

All statutory approvals pertaining approvals shall be in the scope of the Contractor.

ALL ROWS SHALL BE FILLED, THIS IS MANDATORY

BILL OF QUANTITIES

ABSTRACT

SL. NO	ITEM	AMOUNT (Rs.)
1	Setting up of emergency and critical care department - Setting up of connection corridor from Triage building to casualty at Thrissur Medical college.	

NOTE

1. The quoted amount shall be including GST.

Signature of the Contractor with date

BILL OF QUANTITIES

Setting up of emergency and critical care department - Setting up of connection corridor from Triage building to casualty at Thrissur Medical college.

DSR item.no	Sl.no	Description	Qty	unit	Rate in Rs (In words and figures)	Amount in Rs (In words and figures)
10.16	1	Steel work in built up tubular (round, square or rectangular hollow tubes etc.)trusses etc.including cutting, hoisting, fixing in position and applying a primingcoat of red oxide zinc chromate primer including welding and bolted with special shapedwashers etc. complete.				
10.16.1		Hot finished welded type tubes.TATA	3200.00	kg		
13.61.1	2	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :Two or more coats on new work	185.91	Sqm		

21.1.1.2	3	<p>Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Zsections and other sections of approved make conforming to IS: 733 and IS:1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rustfree, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass /stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately: For Powder coated aluminium (minimum thickness of powder coating 50 micron) fixed portion paid for separately) :</p>				
		Powder coated aluminium (minimum thickness of powder coating 50 micron)	348	kg		

21.3.3	4	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item):With float glass panes of 8 mm thickness	58	m2		
25.7	5	Designing, fabricating, testing, installing and fixing in position Curtain Wall withAluminium Composite Panel Cladding, with open grooves for linear as well ascurvilinear portions of the building , for all heights and all levels etc. including:(a) Structural analysis & design and preparation of shop drawings for pressureequalisation or rain screen principle as equired, proper drainage of water tomake it watertight including checking of all the structural and functional design.(b) Providing, fabricating and supplying and fixing panels of aluminiumcomposite panel cladding in pan shape in metalic colour of approved shadesmade 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	21.00	m2		

		panel cladding sheet shall be coilcoated, 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, weathersilicone sealant, backer rods etc				
10.28	6	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	250	kg		

11.37	7	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc., complete.	27	m ²		
15.7	8	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.				
15.7.4		In cement mortar	3.50	m ³		
15.13	9	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead :				
15.13.1		Of area 3 sq. metres and below	1	each		

12.52.2	10	<p>Providing and fixing tiled false ceiling of specified materials of size 595x595mm in true horizontal level, suspended on inter locking metal grid of hot dippedgalvanized steel sections (galvanized @ 120 grams/ sqm, both side inclusive)consisting of main "T" runner with suitably spaced joints to get required lengthand of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mmthick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm centerto center to form a grid of 1200x600 mm and secondary cross "T" of length 600mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlockedat middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angleof size 24x24x0.3 mm and laying false ceiling tiles of approved texture in thegrid including, required cutting/making, opening for services like diffusers, grills,light fittings, fixtures, smoke detectors etc.</p>				
		<p>Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x1.6 mm fixed to ceilingwith 12.5 mm dia and 50 mm long dash</p>				

		fasteners, 4 mm GI adjustable rods with galvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer-in-charge.				
		GI Metal Ceiling Lay in perforated Tegular edge global white color tiles of size 595x595mm and 0.5 mm thick with 8 mm drop; made of GI sheet having galvanizing of 100 gms/sqm (both sides inclusive) and 20% perforation area with 1.8 mm dia holes and having NRC (Noise Reduction Coefficient) of 0.5, electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending and perforation, and backed with a black Glass fiber acoustical fleece	43	Sqm		

LMR	11	Providing and supplying heavy duty pre defined ratio 5:1 ETA, ICC, COLA, IBMB approved and LEED certified injection adhesive Hilti HY 200 R for anchor fixing in dry conditions with SafeSet System - HILTI HIT-HY 200 + HIT-V rods for sizes from M8-M20. The system should be made of two components, first consisting of resin and hardener in a soft foil pack of 330/500ml in 5: 1 ratio & second inserting ETA approved C-Steel coldformed HIT-V rod with galvanization $\geq 5\mu$, as per EN ISO 4042 for M16 size in (Galvanized or Stainless Steel version) in properly cleaned hole. The system should be fire rated. The chemical should be tested for non propagation of corrosion in anchor as per SGK test. The installation and the setting instructions should be strictly followed as per the manufacturers recommendations	16	Each		
LMR	12	Providing & fixing Poly carbonate multi wall plain sheet 8 mm thick as approved by the Engineer in charge and should be supplied in a single length of 12 M or as decide by the Engineer in charge. The sheets shall be fixed using self drilling / self tapping screw of size (5.5X55mm) with EPDM seal complete upto any pitch in horizontal	43	m2		

		/ vertical / curved surfaces, but excluding the cost of purlins, rafters, trusses, and including cutting to size and shapes where ever required.				
		GRAND TOTAL				