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INVITATION FOR BIDS (IFB) – AMENDMENT NO: 3

Sub: Amendment Notice 3 - Civil & Electrical Work for Extension of ICU at Institute of Maternity and Child Health at Medical College, Kozhikode, Kerala state

Ref: IFB Ref No HLL/CHO-PROJ/KL-HCD/CIV&ELE/MCH/2018-19 dated 12-04-2018

Amendment Date: 08-05-2018

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 | - 12-04-2018 onwards |
| b) Last date and time for receipt of bids | - 14-05-2018 up to 15.00 Hrs. |
| c) Date and time of opening of bids | - 14-05-2018, 15.30 Hrs. |

Section XA: Schedule of Work is Amended and **Section XA – Schedule of work Amendment No.2** is enclosed.

All other terms and conditions of the tender remain unchanged.

SENIOR MANAGER (PROJECTS)

SECTION X A					
SCHEDULE OF WORK - AMENDMENT NO 2					
EXTENSTION WORK OF ICU AT IMCH KOZHIKODE DISTRICT, KERALA STATE					
Sl.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
CIVIL WORKS					
MASONRY WORK					
1	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.	3.00	M.CUBE		
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:3:6 (1 Cement : 3 coarse sand (zone-III) : 6 graded stone aggregate 20 mm nominal size).	11.60	M.CUBE		
FLOORING					
3	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.	39.50	M.SQ		
ALUMINUM WORK					
4	Providing, fabricating and fixing in position colour anodised aluminium sections of various profiles including louvers, subframes, etc in roof monitor or in other places made out of approved manufacturer section all complete as directed. The rate should also includes providing PU sealent in both inside and outside	111.84	KG		
5	S/F 100mm brass lock for aluminium door including necessary cutting and making good etc. complete	2.00	EACH		
6	Providing and fixing aluminium tower bolts (100*10mm) ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete :	2.00	EACH		
7	Providing and fixing glazing in aluminum 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 aluminum snap beading shall be paid in basic item); With float glass panes of 5.5 mm thickness.	14.00	SQM		
8	Providing and fixing aluminum tubular handle bar 32 mm outer dia, 3.0 mm thick & 2100 mm long with SS screws etc. complete as per direction of Engineerin-Charge. Anodized (AC 15) aluminum tubular handle bar	2.00	EACH		
9	Providing and fixing aluminium hanging floor door stopper ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade with necessary screws etc. complete. With twin rubber stopper	2.00	EACH		
10	Providing and fixing double action hydraulic floor spring of approved brand and manufacture IS : 6315 marked, for doors including cost of cutting floors as required, embedding in floors 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	2.00	EACH		

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Sl.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
11	Providing and fixing 12 mm thick pre laminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in paneling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of Engineer-inCharge. Pre-laminated particle board with decorative lamination on both sides	28.00	SQM		
PLASTERING					
12	12mm cement plaster on the rough side of single or half brick wall of mix : 1 : 4 (1 cement : 4 fine sand) for internal walls, column and beams etc	43.5	Sqm		
PAINTING					
13	Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of Special primer applied @ 0.75 ltr /10 sqm sqm 98.95ainting 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	73.50	M.SQ		
CEILING					
14	GI Metal Ceiling Lay in perforated Tegular edge global white color tiles of size 595x595 mm 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.	52.00	M.SQ		
15	12.5 mm thick square edge PVC Laminated Gypsum Tile of size 595x595 mm, made of Gypsum plasterboard,manufactured from natural gypsum as per IS 2095 part I and laminated with white 0.16mm thick fire retardant PVC film on the face side and 12micron metalized polyester on the back side with all edges sealed with the face side PVC film which goes around and wraps the edges and is bonded to the edges and the back side metalized polyester film so as to make the tile a completely sealed unit.	52.00	Sqm		
PANEL					
16	Double skin wall panel made out of 50mm thick structural insulated sandwiched panels made with self extinguishing quality EPS as core ,sandwiched between GI powder coat sheet of thickness 0.6 mm and B class on both sides . Panel shall be in 1200mm width and of required length. Rate shall include necessary cutouts/penetrations for various services complete with edge finishing. Silicon sealant shall be used at the joints.				
		22.00	SQM		
Sub Total (Civil Work)					

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Sl.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
Electrical Work					
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	6	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)				
a	2X1.5 sq.mm + 1X1.5 sq.mm earth wire	39	Metre		
b	2X2.5 sq.mm + 1 X2.5 sq mm earth wire	15	Metre		
c	2X4 sq.mm + 1X4 sq.mm earth wire	20	Metre		
3	Telephone wiring in existing conduit:				
	Supplying and drawing following pair 0.5 sq mm FR PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required.				
a	2 Pair	0	Metre		
4	A/C point				
	S/F 20A SPN MCB industrial socket outlet: Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 amps "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.(Make: Legrand/Havells/HPL)	1	Point		
5	Modular type blanking plate:				
	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.(Make: Legrand/Havells/HPL)	0	Each		
6	Modular boxes, bases & cover plate:				
	Supplying and fixing following size/modules, GI box along with modular base & cover plate for modular switches in recess etc as required.(Make: Legrand/Havells/HPL)				
a	2 module	2	Each		
b	3 module	1	Each		
c	4 module	0	Each		
d	6 module	6	Each		
e	8 module	0	Each		
f	12 module	0	Each		
7	Modular type switch/socket:				
	Supplying and fixing following modular switch/socket on the existing modular plate & switch box including connections but excluding modular plate etc as required. (Make: Legrand/Havells/HPL)				
a	5/6 Amps switch	8	Each		
b	3 pin 5/6 Amp socket outlet	8	Each		
c	15/16 Amps switch	4	Each		
d	6pin 15/16 Amps (universal) socket outlet	4	Each		
e	Telephone socket outlet	0	Each		

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8	S/F PVC conduit:				
	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.(ISI Make)				
a	20 mm	0	Metre		
b	25 mm	25	Metre		
9	ITC Fluorescent fitting directly on surface: Installation, testing and commissioning of pre-wired, fluoresent fitting / compact fluoresent 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.	6	Each		
10	ITC Ceiling fan: Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable etc. as required.	2	Each		
11	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	2	Each		
12	LAYING OF CABLES				
	CABLE LAYING				
	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1kV grade of following size clamped on wall surface with 1mm thick saddles as required complete.				
a	FROM Mains TO DB 4 X 10 sq.mm	0	Metre		
13	END TERMINATION				
	Supply and making end termination with brass compression gland, earth clip and aluminium lugs for following size of PVC insulated and PVC sheathed/XLPE aluminium conductor cable fo 1.1KV grade as required.				
	4 X 10 sq.mm	0	Each		
14	CABLE SUPPLY				
	Supplying the following PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade as per CPWD standards as required. (Make:Havells/ Glostar/Nicco/Finolex/Polycab)				
	4 x 10 sq.mm	0	Metre		
15	Supply of 15W LED tube fitting sleek with decorative end cap, powder coated CRCA steel channel complete with all electrical accessories like electronic ballast, lamp holder, 28W LED lamp etc complete as required. (Philips / Wipro /HAVELLS)	6	Each		
16	Supply and installation of 18 W CFL with its all accessories.[ISI MAKE]	0	Each		
17	Supply and installation of 1200 mm sweep Ceiling fan, white colour, 5 star rated as per BEE complete with blades, down rod, shackle, canopy etc(Make Havells/bajaj/usha/V-guard/crompton)	2	Each		
18	Supply and installation EXHAUST FAN,SHUTTER TYPE white colour, 9" OR 10" star rated as per BEE complete with its all accessories (Make Havells/bajaj/usha/V-guard)	0	Each		

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19	S/F of MCB PDB,LDB, VDB'S				
	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)				
a	4 way SPN double door, horizontal type	0	Each		
b	8 way SPN Double door, horizontal type	1	Each		
19.1	S/F Vertical TPN DB-VTPN DB's				
	Supplying and fixing following way, three pole and neutral, sheet steel, Vertical MCB distribution board, 415 volts, on surface/recess, complete with tinned copper busbar, neutral busbar, earth bar, din bar, detachable gland plate, interconnections, phosphatised and powder painted including earthing etc. as required (with provision for isolator as incomer).				
	8 way, double door	0	Each		
19.2	S/F OF SP MCB				
	6/10A SP MCB	4	Each		
19.3	S/F FP,DP ISOLATOR				
	Supplying and fixing following rating, four pole & Double Pole, (three phase and neutral),(Two phase and Neutral), 440volts/220Volts, ISOLATOR having a sensitivity current upto 30 to 100 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc, as required.(Make: Legrand/Havells/HPL)				
19.3.a	40 A, FP	0	Each		
19.3.b	32A, DP	1	Each		
20	EARTHING				
	Pipe earthing with G.I. earth pipe 2.5 metre, long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt) as required complete.	0	Set		
21	Preparation of all drawings submitting and getting approval from EB for extra load & 3phase connection with Meter, submitting of Completion certificates and arranging inspection, getting sanction and energisation certificates etc. for commissioning of the whole installation in the premises. All statutory payments(inclusive) will be reimbursed on production of the original receipts.	0	Ls		
22	Miscellaneous Items				
22.1	Miscellaneous electrical work, removing of existing conduits and interconnections of light,6A socket/16A socket/A/C point from existing DB	0	LS		
Sub Total (Electrical Work)					
Total (Civil & Electrical)					
GST @ 18%					
Grand Total					
I agree to complete the work as per the schedule at the rates quoted by me as above.					
BIDDER					