



**BILL OF QUANTITY**

**SHORT URGENT TENDER NOTICE NO.IGIMS/ EC / EW /24/ 2023**

**Sl.No.-01**

01	Name of the Work	Electrical wiring and lighting work in Medical College building, Annexe block building , Ward block building ,newly constructed shade infront of Trauma centre etc area at IGIMS, Patna -14
02	Estimated cost	Rs.11,38,069.00 (Rs. Eleven lacks Thirty Eight thousand Sixty Nine only)
03	Cost of BOQ	As per NIT
04	Amount of earnest money to be deposited	As per NIT
05	Time of Completion of job	As per NIT
06	Date of receipt of Tender documents (In hard copy)	As per NIT
07	Date of opening of Tender	As per NIT
08	Place of opening of Tender	Conference Hall, I.G.I.M.S., Patna-14

**Schedule-Items**

Sl. No.	Item	Unit	Qty.	Rate
1	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.			
a)	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	Meter	378.00	275.00
2	Supplying and fixing TPN sheet steel enclosure on surface/ recess along with 25/32 amps 415 volts, "C" curve TPN MCB complete with connections, testing and commissioning etc. as required.	Each	2.00	1392.00
3	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.			
a)	32 mm	Meter	91.00	92.00
4	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.			
a)	15/16 Amps switch	Each	13.00	134.00
b)	6 pin 15/16 Amps socket	Each	8.00	185.00
5	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc. as required.			
a)	1 or 2 Module (75mmX75mm)	Each	2.00	180.00
b)	6 Module (200mmX75mm)	Each	4.00	275.00

6	Supplying and fixing single wall mounted 18/22 watt LED type batten fitting complete with electronic driver and LED tube etc. directly on wall /ceiling including connection with 1.5 sq. mm FR PVC insulated copper conductor and the earthing body etc. as required.	Each	40.00	684.00
7	Supply and installation of regular /standard model A.C ceiling fan of 1200 mm sweep including wiring the down rod of standard length (upto 30 cm)with 1.5 sq mm FR PVC insulated copper conductor etc. as required.	Each	29.00	1618.00
8	Supplying and fixing 2 pin 6 amps ceiling rose on the existing junction box/wooden block including connection etc. as required.	Each	68.00	42.00
9	Supplying and fixing following LED street/ Flood light with die cast aluminium housing for ingress protection of IP65 and complete with all accessories etc. on pole/building including connection and earthing the body etc. as required.			
a)	200/220 watt FLOOD light	Each	1.00	26964.00
10	Fixing for laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required.			
a)	Up to 35 sq. mm (Clamped with 1 mm thick saddle)	Meter	505.00	29.00
11	Supplying and fixing pole mounted junction box/fuse box for Three phase /4 core high wattage HPSV/HPMV/MH street light polet with all accessories and connection etc. as required.	Each	15.00	875.00
12	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.			
a)	4x16 sq. mm(28 mm)	Each	44.00	309.00
13	Supply of 4 core 16 sq. mm XLPE/PVC insulated PVC sheathed (heavy duty) armoured electrical cable with aluminium conductor.	Meter	505.00	146.32
14	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering-all work up to plinth level.			
a)	1:2:4(1 Cement: 2 coarse sand:4 graded stone aggregate 20 mm nominal size)	cum	1.00	3998.10
15	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.	kg	225.00	144.50
16	Erection of metallic pole of following length in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size ) foundation including excavation and refilling etc. as required.			
a)	Above 4.5 metre and upto 6.5 metre	each	4.00	2168.00

**Quoted Rate –**

A. \_\_\_\_\_% above.

B. \_\_\_\_\_% below.

C. At estimated Cost.

**Note: Contractors are required to quote their rate % above % below or at estimated cost, in prescribed Format. Tenderer quoting item-wise rate will be rejected.**

01. **Issued to – Name of Contractor** - .....
02. **Full Address** .....
03. **E.M.D. Detail** D.D. No.....Date.....Amount.....
04. **Registration Number** - .....
05. **Time of Completion**

**Signature of Contractor with Date**

**Electrical Executive Engineer  
I.G.I.M.S., Patna-14**

**Non-Schedule Items**

Sl. No.	ITEM DESCRIPTIONS	UNIT	QTY	RATE
17	Supply and fixing of Single phase (220 volts) 60/70 watt , Post top light with die cast aluminium housing for IP65/IP66 and complete with all accessories etc. on existing post including connection and earthing the body etc. as required.	Each	4.00	
18	Supplying and fixing 300 watt LED flood light with die cast Aluminium housing for ingress protection of IP65/IP66 and complete with all accessories etc. on pole /building including connection , earthing the body etc. as required.	Each	7.00	
19	Supplying and fixing 500/510 watt LED flood light with die cast Aluminium housing for ingress protection of IP65/IP66 and complete with all accessories etc. on pole /building including connection , earthing the body etc. as required.	Each	6.00	

**NOTE-Tenderer are requested to quote their rates against above (NSI) item.**

Signature of Contractor with Date Electrical Executive Engineer

IGIMS, Patna-14