

INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES, PATNA-14

BILL OF QUANTITY

SI. No.- 08 Tender Notice No.88 (C)/2015-16

SI. No.	Name of the Work :-	Addition & Alteration Work in existing incomplete shade in north part of Ward Block for using it as Animal House. (Electrical Work)
1	Estimated Cost (In Rs.) :-	436738.00
2	Earnest Money (In Rs.) :-	8800.00
3	Cost of B.O.Q. (In Rs.) :-	750.00
4	Time of completion :- (In Days)	30.00
5	Last Date, time & place for submission of tender-	17/03/2016 up to 1:30 PM at office of the Director, IGIMS, Patna-14 through Regt. /Speed Post/Courier.
6	Date and time for opening of tender-(Technical Bid)-	18/03/2016 at 3.30 PM in Conference Hall of IGIMS, Patna
7	Date & Time for opening of Price Bid of technically Suitable bidders.	22/03/2016 at 3:30 PM

Sl. No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
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.				
a)	Group -C	53.00	point	718.00	38,054.00
2	Wiring for circuit/ submain wiring along with 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	190.00	meter	131.00	24,890.00
b)	2 x 4 sq.mm. + 1x4 sq.mm. earth wire	270.00	meter	162.00	43,740.00
c)	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	30.00	meter	389.00	11,670.00
3	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).	46.00	Each	303.00	13,938.00
4	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.	25.00	Each	395.00	9,875.00
5	Supplying and fixing stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	16.00	Each	284.00	4,544.00
6	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 volts, 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)	8 way (4 + 24), Double door	1.00	Each	3148.00	3,148.00
7	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.				
a)	Single Pole	24.00	Each	169.00	4,056.00
b)	50/63 Amps TPN	1.00	Each	1460.00	1,460.00
c)	40 Amps TPN	2.00	Each	1244.00	2,488.00
8	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.	7.00	Each	954.00	6,678.00
9	Supplying and fixing 3 pin, 5 amp ceiling rose on the existing junction box/ wooden block including connection etc as required.	58.00	Each	43.00	2,494.00
10	Supplying and fixing batter/angle holder including connection etc. as required.	10.00	Each	28.00	280.00
11	Supply and laying following size and size PVC /XLPE insulated PVC sheathhead ,heavy duty ,armoured electrical cable with aluminium conductor for working voltage upto and including 1100 volts (conforms to IS 1554 , part-1)				
a)	50 sq mm 3.5 core	50.00	meter	463.00	23,150.00
12	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required.				
a)	Above 35 sq. mm and upto 95 sq. mm	45.00	meter	202.00	9,090.00
13	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 PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade				
a)	3½ X 50 sq. mm (35mm)	2.00	Each	342.00	684.00

Sl. No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
14	Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable etc. as required.	23.00	Each	95.00	2,185.00
Non schedule Items					2,02,424.00
				Quoted Rate	
1	1200 mm ceiling fan, Copper armature winding with double ball bearing voltage 220v ,74 watt speed 400 RPM Air delivery 238 CFM (Havells SS390 or equivalent)	16.00	Each		-
2	Automatic Voltage Stabiliser 4 KVA input 182-270 volt, Output 220 Volt with time delay.	3.00	Each		-
3	Installation of Air condition and voltage stabilizer	3.00	Each		-
4	Supply of Splite type 1.5 TR capacity 5 star,, Air Conditioner (Lloyed / Voltas/Dikin Hitachi) having rotary compressor and R-22 refrigerant.	3.00	Each		-
5	Supply of LED Tube Light 18Watt/20watt/22watt, with fixture, 1200 mm length along with intigrated driver,perfect retrofit for traditional F tube T10,Bi pin cap G13, , voltage-90 300,AC, 50 HZ, power factor greater than 0.95, colour temperature 4000 K-6500K , CRI more than 80, lumens more than 1882, Operating temperature- 20 degree Censu to 60 Degree Censu)	28.00	Each		-
6	Supply & installation of Exhaust Fan 380 MM sweep 160 watt 1400 RPM, 3600 CFM inclusive of all other related cost (make Havells / Philip / Bajaj)	7.00	Each		-
Total Rs.					-
PERMISSIBLE LIMIT UP TO 10% ("HIGH" OR "LOW")					
Quoted Rates:					
a% above				
b% below				
cat estimated cost.				
NOTE:-					
Contractors are requested to quote their rates % above / % below / at estimated rate for Schedule Items and Item wise rate for non schedule item (From-01 to 06)					
In above format tenders quoting item wise rate will be rejected.					
1-	Issued to				
2-	Full postal address				
3-	Earnest money deposited				
4-	Registration No.				
5-	Time of completion				

Signature of Contractors

Superintending Engineer

I.G.I.M.S., Patna