

INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES, SHEIKHPURA PATNA-800014

BILL OF QUANTITY/ PRICE BID

Sr. No. 2 of NIT No. –Engg./95/EW/2016-17

Name of work: Electrical Work in pantry room of Ward block, Micro Biology room no. 111 main entrance Obs Gynaecology Biochemistry department Nursing College & lift shaft at, I.G.I.M.S. Patna.

1. Estimated Cost ₹ : 614407/-
 2. Cost of B.O.Q. ₹ : 1250/-
 3. Amount of EMD ₹ : 12288/-
 4. Completion period of work: 20 days
 5. Last date, time of submission of completed tender: 07/07/2016 up to 15.30 Hrs
 6. Date and time, place of opening the Technical Bid: 08/07/2016 at 15.30 hrs at IGIMS, conference hall
 7. Date time & place of opening the Financial Bid: will be intimated later to technically qualified bidders
- Schedule Items-

Sl.No.	Item	Qty.	Unit	Rate	Total
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 piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required.				
a)	Group -C	20.00	Point	675.00	13,500.00
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 1.5 sq.mm + 1 x 1.5 sq.mm earth wire	30.00	Meter	106.00	3,180.00
c)	2 x 4 sq.mm. + 1x4 sq.mm. earth wire	970.00	Meter	162.00	1,57,140.00
d)	4 x 6 sq.mm + 2 x 6 sq.mm earth wire	32.00	Meter	389.00	12,448.00
	4 x 16 sq.mm + 2 x 16 sq.mm earth wire	85.00	Meter	883.00	75,055.00
3	Supplying and fixing metal box of 150mm X 75mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 3 pin 5/6 amps socket outlet and 5/6 amps piano type switch,connection, painting etc. as required.	25.00	Each	194.00	4,850.00

4	Supplying and fixing metal box of 180mm X 100mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 6 pin 5/6 & 15/16 amps socket outlet and 15/16 amps piano type switch, connection, painting etc. as required	48.00	Each	276.00	13,248.00
5	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).	10.00	Each	303.00	3,030.00
6	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.	10.00	Each	395.00	3,950.00
7	40 amps. rating, 4 pole RCCB, 100mA/300mA	2.00	Each	1770.00	3,540.00
8	63 amps. rating, 4 pole RCCB, 100mA/300mA	2.00	Each	1917.00	3,834.00
9	Supplying and fixing following way horizontal type single pole and neutral, sheet steel MCB distribution board 220 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 ,Single door	4.00	Each	1041.00	4,164.00
10	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	3.00	Each	3148.00	9,444.00
11	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.	12.00	Each	954.00	11,448.00

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.				-
a)	Single Pole	10.00	Each	169.00	1,690.00
b)	Triple pole and neutral	3.00	Each	887.00	2,661.00
13	Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/coke and salt as required.	2.00	set	9292.00	18,584.00
14	Providing and fixing 25 mm X 5 mm copper strip on surface or in recess for connections etc. as required.	118.00	Each	856.00	1,01,008.00
15	Providing, laying and fixing following dia G.I. pipe (medium class in ground complete with G.I. fittings including trenching (75 cm deep) and re-filling etc as required				-
a)	150 mm dia	10.00	Meter	1514.00	15,140.00
	Total Schedule				4,57,914.00

Bidders should quote their rate in

- a) ----- % above
or
b) ----- % below
or
c) At estimated Cost

Calculated Amount for the Schedule items: ₹

Non Schedule Items

1	Supply of Split type 1.5 TR capacity 5 star,, Air Conditioner (Lloyd / Voltas/Dikin Hitachi) having rotary compressor and R-22 refrigerant.	2.00	Each		
2	Automatic Voltage Stabiliser 4 KVA input 182-270 volt, Output 220 Volt with time delay.	2.00	Each		
3	Installation of Air condition and voltage stabilizer	2.00	Each		
4	Refrigerant pipe				

a)	6.4 mm dia with 13 mm thick insulation	30.00	Meter		
b)	12.7 mm dia with 13 mm thick insulation	30.00	Meter		
5	Supply & installation of Exhaust Fan 380 MM sweep 160 watt 1400 RPM, 3600 CFM inclusive of all other related cost (make Havells / Philip / Bajaj)	2.00	Each		
Total Non Schedule item Rs.					
Total Rs. (Schedule +Non Schedule)					
Labour cess 1 %					
Total Amount					

Signature of the Bidder