

INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES, SHEIKHPURA PATNA-800014

BILL OF QUANTITY/ PRICE BID

Sr. No. 5 of NIT No. –Engg./86(E)/2015-16

Name of work: Electrical Work in room no 136,222,237 , existing Medical college building, Ultra sound & allied area of Ward block at, I.G.I.M.S. Patna.

1. Estimated Cost ₹ : 819393/-
2. Cost of B.O.Q. ₹ : 1250/-
3. Amount of EMD ₹ : 16388/-
4. Completion period of work: 20 days
5. Last date, time of submission of completed tender: 27/02/2016 up to 12.00 Hrs
6. Date and time, place of opening the Technical Bid: 29/02/2016 at 15.00 hrs at IGIMS, conference hall
7. Date time & place of opening the Financial Bid: will be intimated later to technically

qualified bidders

A) 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 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	78.00	point	718.00	56,004.00
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	160.00	meter	106.00	16,960.00
b)	2 x 2.5 sq.mm. + 1 x 2.5 sq.mm. earth wire	151.00	meter	131.00	19,781.00
c)	2 x 4 sq.mm. + 1x4 sq.mm. earth wire	755.00	meter	162.00	1,22,310.00
d)	4 x 16 sq.mm + 2 x 16 sq.mm earth wire	143.00	meter	883.00	1,26,269.00

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).	77.00	Each	303.00	23,331.00
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.	45.00	Each	395.00	17,775.00
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.	18.00	Each	284.00	5112.00
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)	6 way (4 +18), Double door	3.00	Each	2636.00	7,908.00
b)	6 way (4 +24), Double door	3.00	Each	3148.00	9,444.00
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	142.00	Each	169.00	23,998.00
b)	Triple pole and neutral	8.00	Each	887.00	7,096.00
9	Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top along with 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.	17.00	Each	954.00	16,218.00
10	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

11	Supplying and fixing batten/angle holder including connection etc. as required.	22.00	Each	28.00	616.00
12	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.	25.00	Each	95.00	2,375.00
Total Schedule ₹					4,57,691.00

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: Bidder should quote their minimum item rate for following items and fill the calculated Amount in ₹ as required

Sr. No	Item	Qty.	Unit	Rate	Total
1	Supply of LED tube light 22 w with extruded aluminium heat sink for efficient heat dissipation along with integrated electronic driver.(Syska SSK-T-5-22 W or equivalent of reputed make)	30.00	Each		
2	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		
3	Automatic Voltage Stabiliser 4 KVA input 182-270 volt, Output 220 Volt with time delay.	4.00	Each		
4	Installation of Ac and voltage stabilizer	4.00	Each		
5	Supply of window type 1.5 TR capacity 5 star, 240 volt, Air Conditioner (Lloyed / Voltas/Diakin Hitachi) having rotary compressor and R-22 refrigerant	4.00	Nos		

6	Supply of LED slim panel light, 36 watt, 90-300 volt AC, 50 Hz PF 0.9, size 2'x2' suitable for recess mounting / Armstrong ceiling with extrude aluminium CRFA powder coated body & high transmittance PMMA diffuser, minimum lumens 3000, operating temperature 20 degree celsius as required.	15.00	Each		
7	Supply of Turbo force 450 mm air circulators wall fan , suitable for 230 volts,50 Hz.RPM 1400, Air delivery -125 cubic meter / minute and peak air velocity - 250 meter / minute.	9.00	Each		
Total Non Schedule Rs.					
Total amount Rs. (Schedule + Non Schedule)					
Labour cess 1 % on total					
Grant Total Amount ₹					

Signature & Seal of the bidder