

**INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES, SHEIKHPURA PATNA-800014**

**BILL OF QUANTITY/ PRICE BID**

**Sr. No. 1 of NIT No. –Engg./86(E)/2015-16**

**Name of work:** Electrical Works in Dialysis room, KTU Doctor Duty room, RO room, Changing room & allied area of Diagnostic block, First floor at IGIMS

1. Estimated Cost ₹ : 884611/-
2. Cost of B.O.Q. ₹ : 1250/-
3. Amount of EMD ₹ : 17693/-
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	140.00	Point	718.00	1,00,520.00
a)	2 x 1.5 sq.mm + 1 x 1.5 sq.mm earth wire	165.00	Meter	106.00	17,490.00
c)	2 x 4 sq.mm. + 1x4 sq.mm. earth wire	750.00	Meter	162.00	1,21,500.00
d)	4 x 16 sq.mm + 2 x 16 sq.mm earth wire	110.00	Meter	883.00	97,130.00
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).				
		79.00	Each	303.00	23,937.00
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.				
		48.00	Each	395.00	18,960.00
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.				
		4.00	Each	284.00	1136.00

6	Supplying and fixing following way prewired TP&N MCB distribution board of steel sheet for 415 volts on surface/ recess complete with loose wire box, terminal connectors for all incoming and outgoing circuits, duly prewired with suitable size FRLS PVC insulated copper conductor up to terminal blocks, tinned copper bus bar, neutral link, earth bar, din bar, detachable gland plate, interconnections, powder painted including earthing etc. as required.(But without MCB/ RCCB/ Isolator)				
a)	8 way (4 + 24), Double door	2.00	Each	10405.00	20,810.00
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	72.00	Each	169.00	12,168.00
b)	Triple pole and neutral	4.00	Each	887.00	3,548.00
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.	6.00	Each	954.00	5,724.00
9	Supplying and fixing 3 pin, 5 amp ceiling rose on the existing junction box/ wooden block including connection etc as required.	125.00	Each	43.00	5,375.00
10	Supplying and fixing following way horizontal type TP&N steel sheet MCB distribution board of for 415 volts on surface/ recess complete with tinned copper bus bar, neutral link, earth bar, din bar, detachable gland plate, interconnections, powder painted including earthing etc. as required.(But without MCB/ RCCB/ Isolator)				-
a)	4 way( 4 + 12 ) Double door	2.00	Each	2175.00	4,350.00
11	Installation, testing and commissioning of ceiling fan including wiring the down rod of standard length ( up to 30 Cm) with 1.5 sq.mm FRLS PVC insulated copper conductor single cor cable etc	26.00	Each	95.00	2,470.00
	Total Schedule	₹			4,35,118.00

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

<b>B) Non- Schedule items</b>					
Sl.No.	Item	Quantity	Unit	Quoted Rate ₹	Amount ₹
1	Supply of LED Tube light 18 watt/20 watt/22 watt with fixture, 1200 mm length along with integrated driver perfect retrofit for traditional F tube T-10 , Bi pin cap G-13 voltage 90-300 AC 50 HZ Power factor greater than 0.95 , colour temperature 4000 K-6500 K CRI more than 80, lumens more than 1882 operating temperature 20 degree Celsius to 60 degree Celsius	55.00	Each		
2	Supply of 1200 mm sweep ceiling fan Copper armature winding with double ball bearing, voltage 220 , 74 watt, 400 RPM, Air delivery 238 CFM (Havells SS390 or equivalent)	4.00	Each		
3	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 CRCA powder coated body & high transmittance PMMA diffuser, minimum lumens 3000, operating temperature 20 degree Celsius as required.	62.00	Each		
4	Providing and fixing wall fan 400 mm sweep as per specification, all complete as required	22.00	Each		
5	Supply & installation of Exhaust Fan 380 mm sweep 160 watt 1400 RPM , 3600 CFM inclusive of all other related cost ( make Havells/ Philips /Bajaj )	3.00	Each		
	Total Non Schedule		.		
	Total amount Schedule + non schedule Rs.				
	Labour cess @1% of total				
	Total amount for the work		₹		
	Say		₹		

Signature & Seal of the bidder