

**BILL OF QUANTITY/ PRICE BID****Sr. No. 4 of NIT No. –Engg./91(E)/2015-16**

**Name of work:** Balance electrical work of Repairing and renovation of D type Quarters in residential complex at I.G.I.M.S. Patna.

1. Estimated Cost ₹ : 685868/-
2. Cost of B.O.Q. ₹ : 1250/-
3. Amount of EMD ₹ : 13717/-
4. Completion period of work: 45 days
5. Last date, time of submission of completed tender: 21/04/2016 up to 15.00 Hrs
6. Date and time, place of opening the Technical Bid: 22/04/2016 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

**Schedule Items-**

Sl.No.	Items	Qty.		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	96.00	Nos.	675.00	64,800.00
2	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 1 No 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	105.00	MT	162.00	17,010.00
3	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.	792.00	MT	106.00	83,952.00
b)	2 x 4 sq.mm + 1 x 4 sq.mm. earth wire	410.00	MT	162.00	66,420.00
c)	4x 16 sq.mm +2x16 sq mm earth wire	132.00	MT	883.00	1,16,556.00
4	Rewiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable and 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable as earth wire in existing surface/ recessed steel /PVC conduit including dismantling as required.				
a)	Group-C	143.00	Nos.	422.00	60,346.00
5	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel / PVC conduit as required.				
a)	3 x 1.5 sq.mm	1115.00	MT	50.00	55,750.00

b)	3x 4 sq.mm	700.00	MT	109.00	76,300.00
6	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required.				
a)	5/6 amps switch	109.00	Nos	33.00	3,597.00
b)	15/16 amps. Switch one way	30.00	Nos	72.00	2,160.00
c)	5/6 amps.5 pin Socketout let	33.00	Nos	41.00	1,353.00
d)	15/16 amps.6pin Socket out let	30.00	Nos	83.00	2,490.00
7	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. (For light plugs to be used in non residential buildings).	30.00	Nos	194.00	5,820.00
8	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.	35.00	Nos	276.00	9,660.00
9	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	125.00	Nos	169.00	21,125.00
10	Supplying and fixing following rating, four pole, 415 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
a)	63 Amps	24.00	Nos	1460.00	35,040.00
11	3 mm thick phenolic laminated sheet.	180000	sq.cm	0.10	18,000.00
12	Providing & fixing following way , single pole and neutral sheet steel steel M.C.B. distribution board , 240 volts on surface recess, complete with tinned copper bus bar , neutral bus bar earth bar detachable gland plate ,inter connections, phosphates and powder painted including earthing etc. as required (but without M.C.B./R.C.C.B./Isolator)-				
a)	8 way (4 + 24), Double door	2.00	Nos	3148.00	6,296.00
13	Supplying and fixing 3 pin, 5 amp ceiling rose on the existing junction box/ wooden block including connection etc as required.	57.00	Nos	43.00	2,451.00
14	Supplying and fixing batten/angle holder including connection etc. as required. .	84.00	Nos	28.00	2,352.00
15	Supply and fixing of PVC /G.I. box of following sizes on surface or in recess with suitable size of phenolic laminated sheet cover in front etc. as required:				
a)	100 mm X 100 mm X 60 mm deep	10.00	Nos	108.00	1,080.00
b)	180 mm X 100 mm X 60 mm deep	8.00	Nos	127.00	1,016.00

c)	200 mm X 250 mm X 60 mm deep	12.00	Nos	247.00	2,964.00
d)	250 mm X 300 mm X 60 mm deep	10.00	Nos	329.00	3,290.00
16	Rewiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable and 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable as earth wire in existing surface/ recessed steel /PVC conduit including dismantling as required.	8.00	Nos	422.00	3,376.00
17	Providing and fixing following rating and breaking capacity and pole MCCB in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required.				
	400 Amp, 35 KA, TP MCCB	1.00	Nos	22664.00	22,664.00
Total Rs					6,85,868.00

Bidders should quote their rate in

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

Calculated Amount for the Schedule items: ₹

Signature and Seal of the Bidder