

FINANCIAL BID SHEET					
Sr no. 1 of NIT -Engg/ 95 / EW/2016-17					
BILL OF QUANTITY					
Sl. No.	Name of the Work	Electrical wiring of repair and renovation of electrical wiring/ replacement of damage assceries in Old MDH Quarter at IGIMS, Patna			
1	Estimated Cost (In Rs.)	:-	8,20,730/-		
2	Earnest Money	:-	Rs.16,450/-		
3	Cost of B.O.Q.	:-	Rs.1,250/		
5	Time of completion	:-	180 Days		
6	1. Date/ time for obtaining BOQ	16/06/2016 to 06/07/2016 till 3.00 PM			
7	4. Last date/ time for submission of completed tender :-	07/07/2016 in the office of Director, Igims, Sheikhpura, Patna till 3:30 pm			
8	5. Date/ place of opening of Technical bid	08/07/2016 at 3.30 PM in Conference Hall of IGIMS, Patna			
9	6. Date/ place of opening of Financial bid	Date of opening of price bid of technically viable tender shall be intimated .			
Sl. No.	Item Description	Unit	Qty.	Rate/ Unit	Amount (In Rs.)
1	Wiring for light point/fan point /exhaust fan point/call bell point with 1.5 sq.mm F.R. P.V.C. insulated copper conductor single core cable in surface/recess P.V.C. conduit with piano type switch, phenolic laminated sheet, suitable size pvc / gi box etc. as required.				
a)	Group-B	Each	102.00	543.00	55,386.00
2	Wiring for light/power plug with 2 x 4 sq.mm F.R. P.V.C. insulated copper conductor single core cable in surface/ recessed P.V.C. conduit along with 1-No. 4 sq.mm F.R. P.V.C. insulated copper conductor single core cable for loop earthing as required.	Meter	280.00	162.00	45,360.00
3	Wiring for cirucit/sub-main wiring alongwith earth wire with the following sizes of P.V.C. insulated copper conductor, single core cable in surface/recessed pvc conduit, as required.				
a)	2 x 1.5 sq.mm + 1 x 1.5 sq.mm earth wire	Meter	930.00	106.00	98,580.00
b)	2 x 4 sq.mm + 1 x 4 sq.mm. earth wire	Meter	350.00	162.00	56,700.00
c)	2 x 10 sq.mm + 1 x 10 sq.mm. earth wire	Meter	95.00	327.00	31,065.00
4	Rewiring for light point /fan point /exhaust point/call bell point with 1.5 sq.mm F.R. P.V.C. insulated copper conducotr single core cable in existing surface/recessed P.V.C. conduit including dismantling as required.				

a)	Group-B	Point	168.00	303.00	50,904.00
5	Supplying and drawing following of F.R. P.V.C. insulated copper conductor single core cable in existing surface/recessed P.V.C. conduit, as required.				-
a)	1 x 1.5 sq.mm	Meter	450.00	22.00	9,900.00
b)	2 x 1.5 sq.mm	Meter	400.00	36.00	14,400.00
c)	3 x 1.5 sq. mm	Meter	1,690.00	50.00	84,500.00
d)	3 x 4 sq.mm	Meter	390.00	109.00	42,510.00
6	Supplying and fixing following piano type switch/socket on the existing switch box/cover including connection etc. as required				-
a)	5/6 amps.one way Switch	Nos	270.00	33.00	8,910.00
b)	15/16 amps.one way Switch	Nos	40.00	72.00	2,880.00
c)	5/6 amps.5 pin Socket out let	Nos	90.00	41.00	3,690.00
d)	15/16 amps.6 pin Socket out let	Nos	40.00	83.00	3,320.00
7	Supplying and fixing suitable sizes GI / PVC box on surface or in recess with phenolic laminated sheet cover in-front including providing and fixing 5 pin 05/06 amps. Socket outlet and 05/06 amps. Piano type switch connection painting etc. as required.	Nos	55.00	194.00	10,670.00
8	Supplying and fixing suitable size of GI / PVC box on surface or in recess with phenolic laminated sheet cover in front including providing and fixing 6 pin 5/6 amps. & 15/16 amps. Socket outlet and 15/16 amps piano type switch connection, painting etc. as required.	Nos	58.00	276.00	16,008.00
9	Supplying and fixing following rating 240 volts 'C' series M.C.B. 5 Amps to 32 Amps. suitable for inductive loads for following poles in the existing M.C.B., D.B. with connection, testing and commissioning etc as required				-
a)	Single Pole	Nos	170.00	169.00	28,730.00
b)	Single pole and neutral	Nos	72.00	441.00	31,752.00
10	Supplying & fixing of 3 mm thick laminated hyleam sheet	sq.cm	1,80,000.00	0.10	18,000.00
11	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 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)	2 + 10 way/ 12 Way Double door	nos	12.00	1,344.00	16,128.00
12	Supplying and fixing of two pin 5 amps ceiling rose on the existing junction box/PVC box including connection etc as required.	Nos	110.00	42.00	4,620.00

13	Supplying and fixing batten/angle holder including connection etc. as required()	Nos	95.00	28.00	2,660.00
14	Supply fitting and fixing of metal of following sizes (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including painting etc. as required.				-
a)	75 mm X 75 mm X 60 mm deep	Nos	11.00	82.00	902.00
b)	100 mm X 100 mm X 60 mm deep	Nos	18.00	100.00	1,800.00
c)	150 mm X 75 mm X 60 mm deep	Nos	21.00	103.00	2,163.00
d)	180 mm X 100 mm X 60 mm deep	Nos	18.00	120.00	2,160.00
e)	200 mm X 250 mm X 100 mm deep	Nos	20.00	276.00	5,520.00
15	Rewiring for twin control light 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.	Nos	4.00	422.00	1,688.00
16	Wiring for twin control light point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, 2 way piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required.	nos.	9.00	679.00	6,111.00
17	Providing and fixing following capacity Bus bar chamber with 4 strips of suitable size made of copper heavy duty complete with all accessories including connection earthing the body etc. as required.				-
a)	300 amps	nos	2.00	7,646.00	15,292.00
18	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.	set	2.00	3,926.00	7,852.00
19	Supplying and laying 25 mm x 5mm GI Strip at 0.50 mt below ground as strip earth electrode including soldering, etc as required	mts	40.00	109.00	4,360.00
20	Providing and fixing 6 SWG. G.I. wire on surface or in recess for loop earthing as required	mts	100.00	27.00	2,700.00
21	Providing and fixing 25 mm X 5 mm G.I. strip in 40 mm dia G.I. pipe from earth electrode including connection with G.I. nut, bolt, spring, washer excavation and re-filling etc. as required.	mts	45.00	421.00	18,945.00
22	Supplying and fixing of thermal magnetic release DN-2 type lcs = 100 % Icu , conforms to IS / IEC 60947-2 & ICS 60947-2, 160 -200 amps. 36 KA MCCB as required.	No	4.00	22,500.00	90,000.00

23	SS enclosure suitable for 4 pole DN type MCCBs	No	4.00	1,600.00	6,400.00
24	Opening the existing XLPE Under ground cable 1100 vols end joints from feeder pillar boxes, making the place for new XLPE under ground 1100 volts cable and making out cable end jointing with aluminum lugs of the following sizes/ capacity as required (CPWD-2007, page no. 11)				
	2 x 10 mm.sq	set	86.00	148.00	12,728.00
	3.5 core 35 mm.sq	set	10.00	270.00	2,700.00
	3.5 core 50 mm.sq.	set	8.00	342.00	2,736.00
Total Amount of Electrical Work Schedule Item					8,20,730.00
PERMISSIBLE LIMIT UP TO 10% ("HIGH" OR "LOW")					
1	Total Amount of Electrical Work Schedule Item rate as quoted by Bidder)			Rs. :-	8,20,730.00
2	Name of the Bidder-				
3	Address of the Bidder				
4	For Electrical Work= I/we offer in Figures..... in words..... % (Percentage) High / Less/Estimated rate are mentioned in the Bill of quantity.) Note:- Percentage(%) rate applicable for only on Schedule Items			IN FIG.	
5				IN WORDS	
				HIGH, Low, than estimated rate	