

TENDER DOCUMENT

FOR

Electrical Renovation/wiring of JRDA Office Building at Hirapur,  
Dhanbad

Tender Notice No : 01/2014-15      dated 02.05.2014

PLACE OF WORK                                  :      JRDA Office, Dhanbad

**PART – II**

**Price Bid**



**JHARIA REHABILITATION AND DEVELOPMENT AUTHORITY  
HATIA MORE, GOLF GROUND ROAD, DHANBAD  
JHARKHAND**

Electrical Renovation/wiring of JRDA Office Building at Hirapur,  
Dhanbad

Tender Notice No : 01/2014-15      dated 02.05.2014

**SYNOPSIS**

I/We have gone through the Bills of Quantities in details in the attached sheets and  
I/We hereby quote my/our rates as follows :-

.....% (in figures) (.....)  
(in words) Percent above/ Percent below/At par the estimated rates, amounting to  
(in figures)      Rs.....)      (in figures)      Rs.  
.....  
..... (in words)  
against the estimate value of Rs. 6,01,777.00

Signature of the Contractor

(Name of the Contractor)

## Bill of Quantity

Name of the work : Electrical Renovation/wiring of JRDA Office Building at Hirapur, Dhanbad.

<b>SCHEDULE OF WORK</b>						
<b>Name of work- Electrical Renovation/wiring of JRDA Office Building at Hirapur, Dhanbad</b>						
Sl. No.	Item Code	Description	Unit	Quantity	Rate	Amount
1	1.10.3 Group-C C.P.W.D. DSR-12	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface / recessed steel conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FR PVC insulated copper conductor single core cable etc as required.	point	102	664.00	67728.00
2	1.31 C.P.W.D. DSR-12	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.	each	20	288.00	5760.00
3	1.32 C.P.W.D. DSR-12	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.	each	13	366.00	4758.00
4	D.S.R 2012 Code- 1.14	Wiring for Circuit/ sub main wiring alongwith earth wire with the following size of FR PVC insulated copper conductor, single core cable in surface/recessed medium class PVC Conduit as required.				
5	1.14.1	2 x 1.5 Sq. mm + 1 X 1.5 sq. mm earth wire	Meter	50	107.00	5350.00
6	1.14.2	2x 2.5 Sq. mm + 1 X 2.5 sq. mm earth wire	Meter	230	131.00	30130.00
7	1.14.3	2x 4 Sq. mm + 1 X 4sq. mm earth wire	Meter	300	162.00	48600.00
8	1.14.4	2x 6 Sq. mm + 1 X 6 sq. mm earth wire	Meter	30	206.00	6180.00
9	1.14.5	2x 10 Sq. mm + 1 X 10 sq. mm earth wire	Meter	30	310.00	9300.00
10	1.14.10	4x 10 Sq. mm + 2 X 10 sq. mm earth wire	Meter	10	562.00	5620.00
11	1.25	S/F Stepped type electronic Fan regulator on the existing modular plate switch box including connection but excluding modular plate etc. as required.	Each	20	322.00	6440.00

12	C.P.W.D. DSR-12 Code- 2.8.2	Supplying and fixing 6 way (4 +18), Single door 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 FR 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)	each	2	7155.00	14310.00
13	DSR-12 Code- 2.10.2	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts. "C" curve. Single pole miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.	each	37	367.00	13579.00
14	DSR 2012 Code- 2.13.2	Supplying and fixing 63 amps four pole, 415 volts, isolater in the existing MCB DB complete with connections, testing and commissioning etc. as required.	each	1	563.00	563.00
15	DSR 2012 Code- 1.23.1	Supplying and fixing 5/6 Amps piano type switch socket on the existing switch box/cover including connections etc. as required.	each	30	29.50	885.00
16	DSR 2012 Code- 1.23.4	Supplying and fixing of 3 pin 5/6 Amp socket outlet piano type switch/socket on the existing switch box/cover including connections etc. as required. testing and commissioning etc. as required.	each	30	35.50	1065.00
17	DSR 2012 Code- 1.22.3	Supplying and fixing metal box of 150mm x 75 mm x 60 mm deep on surface or in recess with suitable size of phenolic laminated sheet cover in front including painting etc. as required.	each	12	92.50	1110.00
18	DSR 2012 Code- 1.22.9	Supplying and fixing metal box of 200mmx250 mm x60 mm deep on surface or in recess with suitable size of phenolic laminated sheet cover in front including painting etc. as required.	each	10	211.00	2110.00
19	1.34	S/F brass batten/angle holder including connecting etc.as	each	82	63.00	5166.00
20	1.33	S/F 3 pin, 5 amp ceiling rose on the existing junction box/	each	20	34.00	680.00
21	C.P.W.D DSR -12 Code- 1.50.1	Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required.	each	4	163.00	652.00
22	C.P.W.D DSR -12 Code- 12.34 P- 39	Supplying and fixing of 32 mm dia X 2.00 metres long G.I. pipe (medium class) bracket for mounting of fluorescent / HPMV / HPSV street light fitting on pole including bending the pipe to the required shape, 2 nos 40 mm X 3 mm flat iron clamps with nuts, bolts and washer, painting the flat iron with primer and finish paint etc. as required.	each	8	713.00	5704.00

23	Analysed Rate	Supply of ventilating Fans 250 mm Make - havells or similar	each	4	2271.00	9084.00
24	Analysed Rate	Supply & fixing of wall Fan 400 mm Make - havells or similar	each	24	4304.00	103296.00
25	Analysed Rate	Supply and fixing mirror optic light P5 recess 2 X 18 watt FP-L HF light fitting Make- Havells or similar without PL	each	32	3179.00	101728.00
26	Analysed Rate	S/F of 18 watt FP-L Lamp	each	64	180.00	11520.00
27	Analysed Rate	T-5 light fitting complete with fitting & tube of any color and shade of approved make - havells/Osram or equivalent with lamp tube	each	32	1762.00	56384.00
28	Analysed Rate	P/F/F bathroom mirror light wall mounted with opal glass difuser suitable for incandescent frost candle lamp upto 2 X 60 watt Make - Havells or similar	each	4	1870.00	7480.00
29	Analysed Rate	S/F of 1 X 250 watt SON T for street light out side the building Make - Havells or similar	each	1	10677.00	10677.00
30	Analysed Rate	S/F of 1 X 85 watt CFL type street light fitting with 85 watt CFL Make - Havells/Bajaj/similar	each	7	4530.00	31710.00
31	Analysed Rate	Supplying and fixing SPN Industrial type Socket outlet with 20 Amps. SP MCB	each	6	1566.00	9396.00
32	Analysed Rate	Supply fixing of 100 Amps. TPN Main Switch	No.	1	9687.00	9687.00
33	Analysed Rate	Dismantling of Existing old wiring & Installation & cleaning the site.	Cop. Job		15125.00	15125.00
<b>TOTAL :</b>						<b>601777.00</b>