

MAHARASHTRA METRO RAIL CORPORATION LIMITED

Corrigendum- I

Name of Work: Electrical utility shifting LT, HT, O/H Lines crossing and providing LT, HT, U/G cable for Lokmanya Nagar, Rachana T-Point & Subhash Nagar, Nagpur Metro Rail Project for E-W corridor.

Tender No.: - N1-(U/S)/(ELE)/18-2017, Dated 21/07/2017

E- Tender Portal No. 101

Date: - 01/08/2017

Sr.No	Description	Queries	Clarifications
1.	Item No.22 10.3.2. of the Schedule-B for dismantling existing pole mounted distribution transformers safely without any damages and storing it in safe place. Qty.300 - Unit. Kva -Rate -Rs.1832.00 and the total amount is Rs.91600.00.	Item No.22 10.3.2. of the Schedule-B for dismantling existing pole mounted distribution transformers safely without any damages and storing it in safe place. 300 Kva are Rs.1832.00 and the total amount is Rs.91600.00 Which seems wrong calculations or data entry.	The necessary changes made in BOQ and Revised BOQ is issued through this corrigendum.


General Manager (Proc)
Maha-Metro

Revised BOQ

Name of work :- Estimate for Electrical utility Shifting LT ,HT, O/H Lines crossing and providing LT HT U/G cables for Lokmanya Nagar, Rachana T-Point & Subhash Nagar, Nagpur Metro Rail Project For E-W corridor.

Estimate

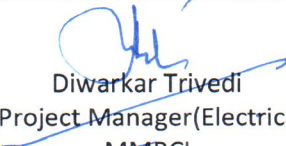
Sr. No.	CSR No.	ITEM DESCRIPTION	Schedule Quantity			
			Estimated Qty.	Unit	Rate	Estimated Amount
1	7.3.13	Supplying , erecting & terminating 3 x 300 sq mm 11KV, XLPE(E) round armoured cable to be laid in trench/pipe in an approved manner as per specification No CB-HT or latest.	2000	Mtr	2118.00	4236000.00
2	MSEDCL	Supplying , erecting & terminating 3 x 300 sq mm 33KV, XLPE(E) round armoured cable to be laid in trench/pipe in an approved manner as per specification No CB-HT or latest.	1000	Mtr	3540.00	3540000.00
3	7.1.31	Supply erecting & termination PVC armoured cable 3.5 core 300sqmm alluminium conductor with continuous 12.97(8SWG) GI earth wire complete provided with glands & lugs, on pole or laid in trench/pipe as per spacification no CB-LT/AL or latest.	300	Mtr	1637.00	491100.00
4	5.2.15	Supplying and erecting mini feeder pillar triple pole with 300A FPMCCB as incomer and 3 outgoing circuits with HRC Fuse base and Cartridge of 100A consisting of aluminium bus bar 500V 300A complete erected in 14 gauge CRCA sheet box with supporting angles, self locks, gasket and slanting top to be erected on provided foundation as per specification No. SW-SWR/MFP.	2	Each	49050.00	98100.00
5	16.3.4	Providing Cement concrete foundation for panel in 1:2:4 with required size and length of foundation (cost with wooden box is included).	15	Cu.Mtr	5485.00	82275.00
6	8.8.3.	Dismantling of existing overhead line including G.I. wires of all sizes without damaging & making the coils in suitable sizes.	1	Km	930.00	930.00
7	7.5.16	Supplying ,providing and erecting Heat shrinkable outdoor termination kit for 11 KV XLPE HT cable 3x240 to 300 sq.	15	Each	15249.00	228735.00

		mm. with necessary material as per specification No. CB-JT/HT or latest.				
8	7.518	Supplying ,providing and erecting Heat shrinkable outdoor termination kit for 33 KV XLPE HT cable 3x240 to 400 sq. mm. with necessary material as per specification No. CB-JT/HT or latest	6	Each	38792.00	232752.00
9	7.4.10	Supplying ,providing and erecting epoxy outdoor end termination kit for LT PVC armoured cable 70 to 150 sq. mm. with necessary material as per specification No. CB-JT/LT or latest.	10	Each	1645.00	16450.00
10	7.4.25	Supplying, providing & erecting Heat shrinkable Straight through joint kit for 11 KV XLPE HT cable 3x300 to 400 sq. mm. with necessary material as per specification No. CB-JT/HT or latest.	20	Each	28450.00	569000.00
11	9.1.3	Providing earthing with Galvanised cast iron earth plate size 60 x 60 x 0.6 cm with funnel with a wire mesh for watering and brick masonry block C.I. cover complete with all materials, testing & recording the results as per specification No. EA-EP or latest. 100.	6	Each	5333.00	31998.00
12	9.2..3	Supplying and erecting G.I. strip of required size used for earthing on wall /or any other purpose with necessary GI clamps fixed on wall painted with bituminous paint in an approved manner with joint required. as per specification No (EA-EP).201.95.	5	Kg	166.00	830.00
13	8.8.2	Dismantling the existing pole above 6 m height with brackets, clamps, insulators, stay from the cement concrete foundation and making the site clear by refilling the pits with excavated materials and bringing it to the ground level.	15	Each	701.00	10515.00
14	10.2.18	Supplying and erecting fencing of section having size 2450 mm in height from ground level and 1200 mm width with angle iron frame work erected in C C foundation and painted as per specification No SS-AS/FSG or latest.	15	Each	5314.00	79710.00
15	10.2.19	Supplying and erecting 50 x 50 x 6 mm. angle iron as corner support 2m long	20	Each	1074.00	21480.00

		fixed at the middle of the fencing frame and the other side inclined at 30 degree angle, in C.C. foundation of 15 x 15 x 40cm complete duly painted with one coat of red oxide and two coats of aluminum paint.				
16	10.2.20	Supplying and erecting double leaf hinged door each 1500mm in width x 1850 mm in height using B class GI pipe with angle iron supports, chain link wire mesh (jali) complete supported on channel iron, erected in foundation, and painted as per specification no SS-AS/DLD or latest.	2	Each	16214.00	32428.00
17	MSEDCL	Bore Horizontal With HDPE Pipe up to 130 MM Dia. For laying of cables crossing of roads across / along the road.	400	Mtr	5602.00	2240800.00
18	MSEDCL	Bore Horizontal With HDPE Pipe up to 400 MM Dia. For laying of cables crossing of roads across / along the road.	200	Mtr	7500.00	1500000.00
19	7.6.6	Supplying & laying (including excavation) 15 cm dia half round RCC Hume pipe of standard thickness at required depth up to 90 cms. below road / ground surface, for enclosing provided cable & necessary back filling with light ramming to make the road/ground surface as it was (Except bitumen carpet).	500	Mtr	501.00	250500.00
20	7.6.7	Supplying & laying (including excavation) 25 cm dia RCC Hume pipe of standard thickness at required depth up to 90 cms. below road / ground surface, for covering provided cable & necessary back filling with light ramming to make the road/ground surface as it was (Except bitumen carpet).	250	Mtr	780.00	195000.00
21	15.5.15	Supplying and erecting ISI mark G.I. pipe 100 mm dia 'C' class position with accessories. As per specification No. CW-PLB/GP or latest.	50	Mtr	1832.00	91600.00
22	10.3.2	Dismantling existing pole mounted Distribution Transformer safely without any damages and storing it in	315	Kva	35.00	11025.00

		safe place.				
23	MSEDCL	Supplying, erecting & terminating PVC armoured cable 3½ core 35 sq mm aluminium conductor with continuous 5.48 sq mm (12 SWG) G.I. earth wire complete erected with glands & lugs, on wall/ trusses/pole or laid in provided trench/ pipe as per specification no. CB-LT/AL	100	Mtr	287.70	28770.00
24	7.1.15	Supplying, erecting & terminating PVC armoured cable 4 core 10 sq mm aluminium conductor with continuous 5.48 sq mm (12 SWG) G.I. earth wire complete erected with glands & lugs, on wall/ trusses/pole or laid in provided trench/ pipe as per specification no. CB-LT/AL .	100	Mtr	173.00	17300.00
25	7.1.18	Supplying, erecting & terminating PVC armoured cable 4 core 16 sq mm aluminium conductor with continuous 5.48 sq mm (12 SWG) G.I. earth wire complete erected with glands & lugs, on wall/ trusses/pole or laid in provided trench/ pipe as per specification no. CB-LT/AL	100	Mtr	277.00	27700.00
26	7.1.8	Supplying, erecting & terminating PVC armoured cable 3 core 6 sq mm aluminium conductor with continuous 5.48 sq mm (12 SWG) G.I. earth wire complete erected with glands & lugs, on wall/ trusses/pole or laid in provided trench/ pipe as per specification no. CB-LT/AL	50	Mtr	156.00	7800.00
27	MSEDCL	Supply, erection & termination and commissioning of service pillar box for pole.	5	Each	3000.00	15000.00
28	MSEDCL	Supplying , erecting & terminating 3 x 95 sq mm 11 kV, XLPE(E) armoured cable on wall/ceiling or laid in provided trench / pipe in an approved manner as per specification No CB-HT	50	Mtr	1037.40	51870.00
29	MSEDCL	Providing and erecting Heat shrinkable outdoor termination kit for 11 kV (E) XLPE HT cable 3 x 70 to 120 sq.mm. with necessary material as per specification no. CB-JT/HT	6	Nos.	12712	76272.00
30	8.4.23	Supplying & erecting inline cut point	2	Each	136964.00	273928.00

	<p>end pole D. P. Structure for 200 KVA Transforme with R.S.J. Pole 2 Nos. of size 100 x 116 mm x 11 Mtr. Long with suitable Distribution Box of C.R.C.A. Sheet 16 SWG (size 4 SqMtr.) with 4 Pole MCCB 300 Amps as incomer & 6 Nos. 63 Amps Kitkat for outing circuits. Transformer D.P. Structure includes the A. B. Switch 200 Amps, D.O. fuse Set & L.A. Set. 2 Nos.Top channel of size 100 mmx 50 mm for erection of A.B. Switch & 2 Nos. Base channel of size 100 mm x 50 x mm for erecting Transformer. Channel of size 75 x40 mm for erecting D.O. Fuse Set, L.A., A.B. Switch handle etc.Angle of size 50 x 50 x6 mm for erecting Distribution Box , Transformer Belt tc.as per drawing(App.176 Kg. iron work) with necessary clamps, Nut-bolts. Vee cross arm, top clip, insulators etc. complete with caution board & barbed wire.D.P. Structure shall be erected in provided c.c. foundation</p>				
				Total	14459868.00


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