

Financial Bid "B"

Request for Quotation – MGM Gandheli Area Electrical Work as per BOQ

Sr No	Work Description	Unit	Qty	RATE	Amount
1	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable 1100 V, 4 core 185 sq. mm. aluminium conductor complete erected with glands & lugs, on wall/ trusses/pole or laid in provided trench/ pipe as per specification no. CB-LT/AL Note-For use of FRLS-XLPE insulation instead of FR-XLPE insulated armoured cable	Mtr	70		
2	Making trench in hard murum/Tar road having 0.9 m depth and minimum 0.3mtr width for laying provided cables of voltage range 3.3 kV to 11 kV complete as per specification No. CW-EXN-CTR	Mtr	50		
3	Supplying & laying (including excavation) half round reinforced cement concrete pipe of IS 458:2003 NP-2 class of 150 mm internal diameter in proper line, level and slope including providing and fixing collars in cement mortar 1:2 and curing etc. complete.	Mtr	50		
4	Supplying and erecting rolled steel joist (girder) pole 175 x 85 mm (19.6 kg/m) with provided base plate in provided foundation as per specification no. OHPL/ RSJ (11 Mtr)	Pole	9		
5	Erecting rolled steel joist (girder) pole 175 x 85 mm (19.6 kg/ m) with provided base plate in provided foundation as per specification no. OH-PL/RSJ (11 Mtr)	Pole	11		
6	Supplying and erecting 3 phase 5 core 125 sq.mm. (3x125+1x50+1x16) Aerial bunched aluminium cable along with necessary accessories for LT distribution on provided LT pole as per specification no. OH-CBL/ ABC	Mtr	950		
7	Supplying & erecting MS pole bracket for guarding/LT OH line, fabricated from angle iron 50x50x6mm and 1100mm long for necessary nos. Of provided insulators, and erecting on pole with 50x6mm clamp complete as per specification no. OH-PL/ BKT	Nos	20		
8	Supplying and erecting G.I. stay set for poles, including loop insulators at inaccessible height with anchor plate 300x300x6mm., straining screws, G.I. stay wire 7/10 SWG, G.I. stay rod 20mmx1.8m length and pole clamps duly erected in provided cement concrete foundation complete.	Nos	7		
9	Supplying and erecting G.I. wall hook, 10 to 15mm dia and overall length 250mm including grouting, cement plastering etc. complete.	Nos	40		
10	Supplying and fixing MS base plate 30x30x0.6cm size fixed to the pole base either by welding 12mm dia fixed at position.	Nos	7		
11	Providing pipe type earthing with 40mm. dia. G.I. pipe or 20 mm dia. G.I. Rod complete with all materials testing and recording the results as per specification no. EA-EP	Nos	20		
12	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable 1100 V, 4 core 150 sq. mm. aluminium conductor complete erected with glands & lugs, on wall/ trusses/pole or laid in provided trench/ pipe as per specification no. CB-LT/AL	Mtr	140		
13	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable 1100 V, 4 core 4 sq. mm. aluminium conductor complete erected with glands & lugs, on wall/ trusses/pole or laid in provided trench/ pipe as per specification no. CB-LT/AL	Mtr	210		
14	Erecting integrated LED street light fitting 40 to 50W IP65 & IK08 class having single piece pressure die-cast aluminium housing, having system lumens output of Min. 4400 Lumens, min. efficacy of 110 lumen/W, CRI>70, CCT upto 6500K,THD<10%, p.f. >0.95, operating range of 140-270V, inbuilt surge protection of 10 kV, Life class of 50,000 Hrs. at L70B50, including driver complete with 3 Years warranty as per specification No FG-ODF/FLS2.	Nos	15		

15	Supplying, Installation and testing of maintenance free earthing comprising of Electrode of 17.2 mm diameter Low Carbon Steel with 250 micron molecular copper bonded earthing rod of Length 3m along with 25 kg Carbon based environment friendly back fill ground enhancing compound required to fill up the excavated earth with required quantity complete, and recording the results Specification no. EA-MOBI	Nos	8		
16	Supplying and erecting steel tubular swaged pole 139.7 x 114.3 x 88.9 mm dia with 4.5 x 3.65 x 3.25 mm thickness (5+2+2 m) length respectively and total 9 m long with pole cap, base plate in provided foundation (weight 113 kg) as per specification no. OH-PL/STP	Nos	12		
17	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable 1100 V, 4 core 10 sq. mm. aluminium conductor complete erected with glands & lugs, on wall/ trusses/ pole or laid in provided trench/ pipe as per specification no. CB-LT/AL	Mtr	210		
18	Making trench in soft soil having 0.9m depth and minimum 0.3 m width as per IS for laying provided cables of voltage range 3.3 kV to 11 kV complete as per specification No. CW-EXN-CTR	Mtr	100		
19	Making trench in hard murum/Tar road having 0.9 m depth and minimum 0.3mtr width for laying provided cables of voltage range 3.3 kV to 11 kV complete as per specification No. CW-EXN-CTR	Mtr	70		
20	Supplying & erecting MS pole bracket for guarding/LT OH line, fabricated from angle iron 50x50x6mm and 1100mm long for necessary nos. Of provided insulators, and erecting on pole with 50x6mm clamp complete as per specification no. OH-PL/BKT	Nos	12		
21	Making cement concrete foundation including excavation (60 x 60 x 150) cm deep in 1:3:6 cement concrete 20 x 25 mm stone metal, (45 x 45 x 45) cm /45 cm dia. x 45 cm height plinth duly plastered, with necessary curing and finishing complete. (above 6 m to 9 m poles)	Nos	12		
22	Erecting integrated LED street light fitting 40 to 50W IP65 & IK08 class having single piece pressure die-cast aluminium housing, having system lumens output of Min. 4400 Lumens, min. efficacy of 110 lumen/W, CRI>70, CCT upto 6500K,THD<10%, p.f. >0.95, operating range of 140-270V, inbuilt surge protection of 10 kV, Life class of 50,000 Hrs. at L70B50, including driver complete with 3 Years warranty as per specification No FG-ODF/FLS2.	Nos	12		
23	Providing pipe type earthing with 40mm. dia. G.I. pipe or 20 mm dia. G.I. Rod complete with all materials testing and recording the results as per specification no. EA-EP	Nos	12		
24	Supplying & erecting FRP box of size 300mm x 200mm x 125 mm, 2.7 mm thick complete on pole/ wall as per specification No. CB-SB	Nos	12		
25	Breaker Charges for Previous Rate	Day's	3		
			Total (Excluding GST)		

- Contractor Acknowledgement attachment (Contractor Sign & Stamp).

Approval Make

S N	Item Description	Approved Make
1	Cable/Wires	Finolex/Polycab/CI
2	Non metallic conduit	Polycab/Precision
3	Switch/socket	Legrand
4	MCB, DBs	Legrand/Schneider/Siemens/L & K