

MUNICIPAL CORPORATION OF BHILAI

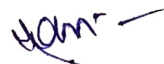
NIT DETAILS

कार्य का नाम :- प्र.मं.आ.यो. अंतर्गत एचपी घटक में निर्माणाधीन 210 यूनिट एनार स्टेट जुनवानी, 28 यूनिट बिल्डेक जुनवानी, 56 यूनिट वंदे मातरम् कुरुद, 56 यूनिट आम्रपाली फेस-2 हा.बोर्ड, 1120 यूनिट सूर्या विहार के पीछे जुनवानी, 81. यूनिट माइल स्टोन स्कूल के पास खम्हरिया, 84 यूनिट चौहान ग्रीन वैली के पास जुनवानी, परिसर के भीतर प्रकाश व्यवस्था कार्य।

S.N.	PARTICULARS OF ITEMS	Quantity	UOM
1	Supplying and fixing water tight terminal box made of 1.6mm thick M.S. sheet with detachable gland plate in bottom, hinged front open able cover, rubber gasket, having 1 Nos 4way connector and 1 No SPMCB inside the box for cable connection, fixed to pole with 2 Nos clamp made from 40x3mm M.S. flat with 2 No nut bolt dully painted with 2 coat of red oxide paint and 2 coat aluminium paint complete as per specification. 30 x 20 x 15 cms	124.00	
		124.00	Each
2	Supplying and making end termination with brass compression gland and aluminum lugs for following size armoured aluminum conductor power cable of 1.1 KV grade as per specification. 3 X 25 sq. mm (25 mm	19.00	
		19.00	Each
3	Supply & fixing & cramping suitable size & all type aluminum ferule/lugs for following size 1.1 KV grade power cable core/lead pressed with high pressure cramping tool including connection to switch gear/MCCB etc as required 25 sq.mm. Item - 17.28.4	124.00	
		124.00	Each
4	Supplying and fixing G.I. pipe along with wall or pole/ support with 2 Nos MS clamps for protection of under ground cable in approved manner including bolts and nuts or metal dash fasteners complete as per specification. 40 mm dia	630.00	
		630.00	Meter
5	Painting new steel and other metallic surface with red oxide zinc chromide primer paint complete with supply of material labour etc. including preparation of surface	Arm 49.20	
		49.20	Sqm
6	Supply and fixing following street light pole bracket on existing pole made out of 50 mm dia MS "B" class pipe welded to 300 mm long MS pole canopy of suitable dia at a angle of 102.50 including having MS triangular stiffner of size 150 X 50 X 5 mm thick, making arrangement for tightening the bracket with pole by providing suitable size heavy duty nuts and bolts in canopy, painting with one coat of approved steel primer etc. as per specification. Double Over Hang 1.50 metre Long	124.00	
		124.00	Each
7	Painting wood steel and other metallic surface with Aluminium Paint complete with material and labour including preparation of surface.	Arm 49.60	
		49.60	Sqm

8	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 and salt as per specification and IS Code 3043: 1987(R 2016)		
		36.00	
		36.00	Set
9	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, multi strand wire in the existing surface/ concealed, FRLS PVC conduit / PVC casing capping as per specification and IS: 694 (2010) . 3 x 2.50 sq.mm		
		1157.00	
		1157.00	Sqm
10	Providing and fixing porcelain re-wireble fuse carrier and base unit on wooden board including drilling holes on the board, screws, connections etc. as per specification. (Thimbeling shall be paid separately). 32 amps		
		123.00	
		123.00	Each
11	Supplying, installation, testing and commissioning of following 230/250 volts LED street light fitting with all accessories like driver, heat sink made of die cast aluminium with IP 66 protection and 15 KV surge protection on pole bracket, including connection, earthing, Separate housing for driver etc complete as per specification and P.F. should be greater than 0.9. LED chip efficacy ratio \geq 120 lumens /watt.		
		120 watt	157.00
		157.00	Each
12	Supplying and laying following sizes one number FRLS PVC insulated /XLPE, PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade in existing RCC/ HUME/ STONEWARE/ METAL/ HDPE pipe as per specification, IS: 1554 (1988, Part 1) / IS: 7098 (1988, Part 1). 2 x 16 sq. mm		
		1260.00	
		1260.00	Meter


SUB ENGINEER
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EXECUTIVE ENGINEER
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