


# MUNICIPAL CORPORATION OF BHILAI

**NIT**

जोन क्र. 04 अंतर्गत श्रीराम चौक के पास खेल मैदान हेतु विद्युत लाईन विस्तारीकरण कार्य।

(As Per PWD Building SOR 01.01.2015 & Electrical SOR 01.06.2020)

S.N.	PARTICULARS OF ITEMS	Quantity	UOM	
1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. In all types of soils.	234.00	Cum	
2	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.	24.00	Cum	
3	Brick work with modular fly-ash lime bricks (FALG Bricks) conforming to IS:12894-2002 of class designation 4.0 in foundation and plinth in: Cement Mortar 1:6 (1 cement : 6 coarse sand)	32.00	Cum	
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. 150 mm dia	30.00	Metre	
5	Supplying and laying following sizes one number FRLS PVC insulated/XLPE, PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade direct in ground at a depth not less than 40 cm and upto 90 cm including excavation, sand cushioning, protective covering and refilling the trench etc as per specification, IS: 1554 (1988, Part 1) / IS: 7098 (1988, Part 1).			
		3.5 X 95 sq. mm	400.00	Metre
		3.5 X 35 sq. mm	150.00	Metre
6	Providing and filling fine sand or coarser grade all-round the G.I. pipes in external work. 100 mm diameter pipe	400.00	Metre	
7	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size)	36.00	Cum	
8	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50 M. and lift upto 1.5 M.	70.00	Cum	
9	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). 100 amps	6	Each	
10	Providing and fixing following capacity TP&N disconnector fuse switch unit inside the existing cubicle panel board with ISI marked HRC fuses including drilling holes in cubicle panel, making connections, testing and commissioning etc as per specification. (Connecting lead if required shall be paid separately) 100 Amp TP&N	1	Each	
11	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.			
		3½ X 95 sq. mm (38 mm)	2	Each
		3 X 35 sq. mm (25 mm)	6	Each
12	Supplying and making outdoor end termination with cast resin compound including aluminum lugs and other jointing materials for following size of FRLS PVC insulated and PVC sheathed / XLPE aluminum conductor power cable of 1.1 KV grade as per specification.			
		3½ X 95 sq. mm	6	Each
		3½ X 35 sq. mm	15	Each
13	Supplying and fixing metal clad busbar chamber made of 2.0 mm thick CRCA MS powder coated sheet with 4 strip copper busbars of following capacity and length, complete with all accessories, including earthing the body etc. as per specification. 100 amps x 600mm long	2	Each	

  
Executive Engineer  
Municipal Corporation  
Bhilai

  
Assistant Engineer  
Municipal Corporation  
Bhilai

  
Sub Engineer  
Municipal Corporation  
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