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MUNICIPAL CORPORATION BHILAI
NIT

3.38

कार्य का नाम :- जोन क्रमांक 03 वार्ड क्रमांक 53 सेक्टर 01 सडक 27 डोम शेड के पास मंच
संधारण कार्य

Based on PWD/SOR 2026 (Building Works), Electrical Sor 10.06.2026

Item No.	Particulars of item	Qty.	Unit
1	2	3	4
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 soil	2.59	Cum
2	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. 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).	0.43	Cum
3	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. (Note : Excess/ less cement used as per design mix is payable/ recoverable separately) 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	2.16	Cum
4	Steel work in tubular (round, square or rectangular hollow tubes etc.) structure in built-up sections, trusses and frame work including cutting, hoisting, fixing in position upto a height of 5m above plinth level, consisting of columns trusses, roof and bottom purlins, base plate, holding down bolts, wind ties bracing (if required), bolts, nuts and washers for fastening etc. complete with applying a priming coat of red oxide zinc chromate primer. Electric resistance or induction butt welded tubes Grade-250	1173.75	kg
5	Supply and fixing of pre-coated galvanized iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm +/-5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns.s of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	34.79	Sqm.
6	Providing and applying Aluminium paint minimum 2 coats in all metal surface applying @ 0.75 lit/ 10 Sqm up to required finish as per relevant I.S. code 2932: 2013 of (Product such as Asian Apcolite aluminium paint, Dulux Aluminium paint, Burger Superior Aluminium Paint) with all tools tackle and labour etc. complete for the work.	38.00	Sqm.

Item No.	Particulars of item	Qty.	Unit
1	2	3	4
7	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 ≥ 120 lumens /watt.90 watt	4.00	Each
8	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 10 sq. mm	50.00	Meter
9	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).4 x 10 sq. mm.	10.00	Meter
10	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zincchromate primer. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	570.00	Kg
11	Providing and applying on exterior surface with PREMIUM Exterior emulsion paint of required shade to give protective and water proof finish minimum 3 coats applied @ 1.40 lit / 10Sqm up to final finish as per relevant I.S. Code 15489:2013 Type -2 Class D , C (Glossy /Semi Glossy finish) (Product such as Asian Apex , Dulux Weather Shield Prima E900 , Berger Weathercoat Antidust , Nerolac Everlas Excel , Nippon Sumo Etra, Opus True flex) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour etc. complete for the work.(With 3YearWarranty.)	45.00	Sqm.
12	Providing and laying DOUBLE/MULTI CHARGE (minimum 2.0 mm thick layer) VITRIFIED floor tiles with water absorption less than 0.05% and conforming to IS:15622-2017 of 1st quality of approved make in all colours and shades and size mentioned below (+/- 10mm) laid on 20mm thick cement mortar 1:4 (1cement: 4 coarse sand) including grouting the joint with withe cement and matching pigments etc. complete.	180.00	Sqm.

कार्यपालन अभियन्ता
नगर पालिक निगम, भिलाई

सहायक अभियन्ता
नगर पालिक निगम, भिलाई

उप अभियन्ता
नगर पालिक निगम, भिलाई