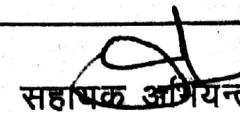
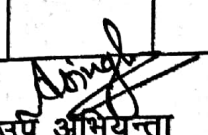


MUNICIPAL CORPORATION BHILAI (C.G.)**NIT**

कार्य का नाम :- वार्ड कं. 70 दशहरा मैदान में सार्वजनिक मंच निर्माण कार्य।

The Estimate is Prepared as per S.O.R of P.W.D (Building works) w.e.f. 2026& Road sor 2026			
S. No	Particulars	Qty	Unit
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	10.85	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.	12.66	cum
3	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.	26.80	SQM
4	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. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm	4.35	Cum
5	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete: Thermo-Mechanically treated bars FE 415	326.25	KG
6	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)	2.80	Cum
7	15 cm thick cement plaster on the rough side of single or half brick wall of mix in cement mortar 1:6	13.20	Sqm
8	Providing and laying vitrified floor tiles with double charge/ multi charge printing with water absorption less than 0.5% and conforming to IS : 15622 of approved make in all colours and shades and size mentioned below (+/- 10mm), laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete. Size 600x600mm	39.90	sqm
9	Providing stainless steel railing/ grill made of S.S. flats, hollow S.S. pipe or square/ rectangular sections of approved design fixing in stair case, balcony or other places with metal fasteners and stainless steel bolts etc complete SS Grade 304	334.45	KG
10	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-300	757.98	KG

11	Supply and fixing of precoated 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, Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied	36.00	Sqm
12	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	3	EACH
13	Supplying of following 230/250 volts LED flood 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 300 watt	2	EACH
14	Supplying and laying following sizes one number FRLS PVC insulated, PVC sheathed, steel armoured, copper conductor control /power cable of 1.1 KV grade direct in ground including sand cushioning, protective covering etc as per specification and IS 694 (2010). 4 x 1.5 sq. mm	150	m
15	5.8 Supplying and laying following sizes one number FRLS PVC insulated/ XLPE, PVC sheathed, unarmoured, aluminium conductor power cable of 1.1 KV grade on surface/ existing cable tray with 1 mm thick GI saddle as per specification, IS: 1554 (1988, Part 1) / IS: 7098 (1988, Part 1) 15.8.3 2 x 10 sq. mm	200	Meter
16	PWD ROAD SOR 2026 Direction and Place Identification signs upto 0.9 sqm size board as per Clause 8.1. Providing and erecting direction and place identification retroreflectorized sign Digitally Printed over reflectorized sheeting of required grade confirming to ASTM D 4956 including covering with transparent sheeting (lamination sheeting) to protect from fading and damage due to weather effect as per IRC:67-2022 made of retro-reflective type sheeting fixed over Aluminium sheeting / Aluminium Composit Material (ACM) Sheeting including application of fluorocarbon coating applied on exposed surface of aluminium to ensure corrosion resistance, supported on a mild steel back frame of ISA 40 x 40 x 5 mm and mild steel angle iron post 75 mm x 75 mm x 6mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 45 cm x 45cm x 60cm, 60 cm below ground level as per approved drawing and painting all exposed components of the signs and supports with primer and 2 coats of epoxy paints or powder coating and the part of post below ground shall be painted with 3 coats of red oxide paint as per clause 7.2 of IRC:67-2022.	9.50	Sqm



 सहायक अभियन्ता उप अभियन्ता
 नगर पालिक निगम, भिलाई नगर पालिक निगम, भिलाई