

# MUNICIPAL CORPORATION OF BHILAI

NIT


वार्ड क्र 60 गणेश मंदिर रोड का नवीनीकरण एवं सौंदर्यीकरण कार्य

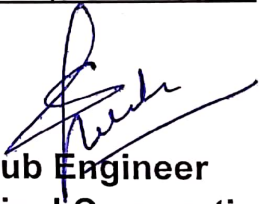
(As Per PWD Road/Building SOR 01.01.2015 & Electric SOR 01.06.2020)

	PARTICULARS OF ITEMS	Quantity	UOM
1	Demolishing R.C.C. work including stacking of steel bars and disposal of unserviceable material within 50 metre lead.	20	Cum
2	Demolishing cement concrete including disposal of material within 50 metre lead. 1:3:6 or richer mix	20.00	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.	20	Sqm
4	Providing and laying nominal mix reinforcement cement concrete with crushed stone aggregate using concrete mixer in all works upto floor five level excluding cost of reinforcement and form work. 1:1 ½ :3 (1 cement : 1 ½ coarse sand : 3 graded stone aggregate 20mm nominal size)	5	Cum
5	Providing and laying nominal mix reinforcement cement concrete with crushed stone aggregate using concrete mixer in all works upto floor five level excluding cost of reinforcement and form work. 1:1 ½ :3 (1 cement : 1 ½ coarse sand : 3 graded stone aggregate 20mm nominal size) + Extra for laying PCC/RCC of any grade in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:	3	Cum
6	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 all complete: Thermo-Mechanically treated bars Qty. Of RCC 100.00Kg	800	Kg
7	Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in: Cement Mortar 1:6 (1 cement : 6 coarse sand)	5	Cum
8	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.	15	Cum
9	Providing and making 15mm thick cement plaster of mix: In Cement mortar 1:6 (1 cement : 6 fine sand)	50	Sqm
10	Painting on new work (two or more coats) to give an even shade with: Satin synthetic enamel paint	100.00	Sqm
11	Painting exterior surface with SMOOTH exterior emulsion paint of .. protective and decorative finish including cleaning washing of surface etc. complete with: On new work (One or more coats applied @ 1.43 ltr/ 10 sqm)	40.00	Sqm
12	Providing and applying 2mm thick ready mix exterior grade putty (manufactured with cow dung processing) on walls to make the surface smooth and even.	40.00	Sqm
13	15 mm thick Table rubbed polished Granite stone slab flooring laid over 20mm (Average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with grey cement slurry including rubbing and polishing etc. complete. (Area of slab should be 0.50 sqm and above) Granite stone grey/pink	30	Sqm
14	Cement art Mural work	20	Sqm
15	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	144.2	Kg
16	Supplying, installation, testing and commissioning of Acrylic LED light (a) Specification of Acrylic 3 mm thick x 3 " width x 4 " depth *(imbose) (b) Specification of LED modules :- Each Moduel should have 6 Nos LED of 1 watt	30.00	SQFT



17	Supplying , installation , testing and commissioning of following type Recessed LED inground/pathway Lighting fixture with IP67 .. Driver shall be 3 stage Constant Current Constant Voltage with voltage range of 150-270V AC. Output voltage of driver should be complied to Safety Extra Low Voltage norms not exceeding 60V DC. Driver Power factor shall be 0.95 and above and THD shall be less than 10%. 6 Watt	4.00	each
18	Supply of 5 M Height Conical Pole diameter 75 mm at top 129 at bottom. Baseplate Size 200 x 200 x 12 mm foundation bolt 450 mm long Mx16 EN 8 grade	4.00	each
19	Supplying of following 230/250 volts LED street light . 120 watt	4.00	Each
20	Supplying, installation, testing and commissioning of following 230/250 volts LED BOLLARD fitting cool white/warm white. with electronic driver, heat sink, capacitor and all other accessories on existing foundation/ pole bracket, including connection, earthing etc complete as per specification. P.F. should be greater than 0.9. LED chip efficacy ratio $\geq 100$ lumens /watt. 9 watt	8.00	Each
21	Supplying, installation, testing and commissioning of following LED Rope light complete as per specification and IP65, P.F. should be greater than 0.75, 9 Watt per Metre White / Warm White	96.00	Each
22	Human and other sculptures		
	(a) 5 to 7 feet	1.00	Each
	( b) 2 to 5 feet	1.00	Each
23	Providing & laying 60mm thick precast interlocking concrete blocks of approved size (approx 305 sqcm) and shape/ pattern, ..etc. complete of minimum compressive strength of 250 kg/sq.cm Pigment Coloured (rubber mould) precast interlock concrete blocks	210.00	sqm
24	Repairs to plaster in patches of area 2.5 sq. metres and under including cutting .. 1:4 (1 cement : 4 fine sand) complete including disposal of rubbish to the dumping ground within 50metres lead : 17.1.1 Thickness upto 15mm	30.00	sqm
25	Add 5% For Electrification Work		

  
**Asstt. Engineer**  
**Municipal Corporation**  
**Bhilai(C.G.)**

  
**Sub Engineer**  
**Municipal Corporatio**  
**Bhilai (C.G.)**