

MUNICIPAL CORPORATION OF BHILAI

NIT

कार्य का नाम:- वर्क 14 सेक्टर 10 विभिन्न सेक्टर जमीनी स्तरिक के समीप गार्डन 321821 सड़क
डोहडा निमि वार्ड

The Estimate Is Prepared as per S.O.R of P.W.D (Building works) w.e.f. 01-01-2015

S.N	PARTICULARS	NO.	L	B	H/D	QTY	UNIT
1	Surface dressing of the ground including removing vegetation and making up undulations and inequalities not exceeding 15 cms in depth/height including disposal of rubbish upto 1.5 m lift and lead upto 50 m (at least 5m away from the dressed area).					204.00	SQM
2	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.					42.90	CUM
3	Extra for every additional lift of 1.5M or part there of All types of soil					8.10	CUM
4	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm. In depth consolidation each deposited layer by ramming and watering with a lead upto 50M. And lift upto 1.5M.					32.18	CUM
5	Providing and filling in plinth with sand /crusher dust and hard moorum under floor in layers not exceeding 20 cm in depth and consolidating each deposited layer by ramming and watering, including dressing etc. complete.					130.79	CUM
6	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. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm					10.67	CUM
7	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: 3.1 2.1 Thermo-Mechanically treated bars FE 41 5 Quantity as per item No.-6					1066.80	KG
8	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: 2.1.1 Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of					37.34	SQM
9	Brick work with modular fly-ash lime bricks (FALG Bricks) conforming to 15:12894-2002 of class designation 40 in foundation and plinth in: 7.5.4 Cement Mortar 1:6 (1 cement : 6 coarse sand) - Extra for brick work in superstructure Above 1 plinth level for every floor or					2.88	CUM
10	(approx 305 sqcm) and shape/ pattern, over 40 mm thick average - complete coarse sand bed with joints of 3mm thick filled by fine sand including leveling with surface vibrator, temping and sweeping etc. complete of minimum compressive strength of 250 kg/sq.cm					221.00	SQM
11	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,					3216.53	KG
12	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					221.00	SQM
13	Providing and fixing 15 cm. wide 45cm. overall semi circular plain G.I. sheet gutter with iron brackets 40x3 mm size, bolts, nuts and washers etc. including making necessary connections with rain water pipe complete as per designs.					17.00	MTR
14	Providing ridges or hips of 60cm overall width in plain G.I. sheet fixed with galvanized washers J or L hooks, bolts and nuts 8mm G.I. limpet and bitumen washers complete.1.00 mm thick sheet with zinc coating not less than 275gm/sqm					15.00	MTR

	Painting exterior surface with ACRYLIC SMOOTH exterior paint of required shade as per manufacturers specifications to give protective and decorative finish including cleaning washing of surface etc. complete with: On new work (Two or more coats applied @ 1.43	50.00	SQM
16	Overhead Signs (Providing and erecting overhead signs with a corrosion resistant aluminum alloy sheet reflectorized with high intensity retro-reflective sheeting of Micro prismatic grade type with vertical and lateral clearance given in clause 802.2 and 802.3 and installed	48.41	SQM
17	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	240.92	KG
18	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	39.00	SQM
19	Supplying, installation, testing and commissioning of acylic led light	6.00	nos

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


Sub Engineer
Municipal Corporation
Bhilai (C.G.)