

कार्य का नाम :- वार्ड कं. 62 सेक्टर 06 सड़क 46 के समीप गंच संधारण कार्य।

MUNICIPAL CORPORATION OF BHILAI
DETAILED ESTIMATE

(Based on PWD Building SOR Wef from Dated 01-01-2015)

S No	SOR Ref	DESCRIPTION	No	L	B	D/H	QTY	UNIT	RATE	AMOUNT
1	2	3	4	5	6	7	8	9	10	11
1	16.3., 16.3.3	Demolishing brick masonry including arches, stacking of serviceable material disposal of unserviceable material within 50 metres lead. In cement mortar.	4	2.00	0.30	0.40	0.96	cum	263.00	252.48
2	16.43 16.43.2	Demolishing cement concrete including disposal of material within 50 metre lead. 1:3:6 or richer mix	1	2.00	3.00	0.30	1.80	cum	549.00	988.20
3	1.1.1	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	5.00	0.40	0.40	1.60			
			2	5.00	0.40	0.40	1.60			
4	1.26.1	Carriage by mechanical transport upto 5 km lead: Earth					3.20	cum	185.00	592.00
		As Per Qty. Item No. (1)					5.96	cum	111.00	661.56
5	3.1.2	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).								
			2	5.00	0.30	0.10	0.30			
			2	5.00	0.30	0.10	0.30			
			1	5.00	5.00	0.10	2.50			
							3.10	Cum	2659.00	8242.90
6	3.1.5	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 nominal size).	1	5.00	5.00	0.10	2.50	Cum	4073.00	10182.50
7	2.1.1	Providing and fixing formwork including centering, 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.	4x1	10.00		0.20	8.00	Sqm	139.00	1112.00
8	7.5.4	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	5.00	0.40	0.20	0.80			
			2	5.00	0.40	0.20	0.80			
			2	5.00	0.20	0.50	1.00			
			2	5.00	0.20	0.50	1.00			
			2	5.00	0.60	0.50	3.00			
							9.48	Cum	3263.00	30933.24
9	11.3.3	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix: In Cement Mortar 1:5 (1 cement : 5 fine sand)	4	5.00		0.60	12.00			
			4	6.00		0.60	14.40			
							26.40	Sqm	113.00	2983.20
10	1.18	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.	1	5.00	5.00	0.60	15.00	Cum	371.00	5565.00
12	14.16.1	Painting exterior surface with PREMIUM ACRYLIC SMOOTH exterior paint of required shade as per manufacturer's 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 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)								
		As Per Qty. Item No. 07					26.40	Sqm	74.50	1966.80
13	12.9	Providing and laying ceramic glazed floor tiles conforming to IS: 15622 of approved size, make, colour, shade laid on 20 mm thick Cement Mortar 1:4 (1 cement : 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc., complete. Size 300x300mm	1	5.00	5.00		25.00			
			4	5.00		0.80	16.00			
			4	5.00		0.80	16.00			

14	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.)	4	7.00	1.50	0.200	2.10	57.00	Sqm	692.00	39444.00
15	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.	4	7.00	1.50	0.10	1.05	2.10	cum	185.00	388.50
16	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 : 1 coarse sand : 4 graded stone aggregate nominal size).	4	7.00	1.50	0.100	4.20	1.05	Cum	371.00	390.00
17	Providing & laying 60mm thick precast interlocking concrete blocks of approved size (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 Pigment Coloured (rubber mould) precast interlock concrete blocks	4	7	1.50		42.00	4.20	Cum	2659.00	11168.00
18	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 nominal size).	8	7.00	0.20	0.10	1.12	42.00	SQM	632.00	26544.00
		4	1.50	0.20	0.10	0.12				
19	Carriage by mechanical transport upto 5 km lead. 1.26.1 Earth					1.24	1.89	Cum	4073.00	5050.52
								Cum	111.00	210.00
									Say Rs=	146674.90
										1.47 lacs

Asst. Engineer
Municipal Corporation
Bhiali (C.G.)

Sub Engineer
Municipal Corporation
Bhiali (C.G.)

Say - 1.47 lacs

तकनीकी अनुमोदन

प्राक्कलन पंजी क्र.....दिनांक.....

वार्ड क्रं. 62 सेक्टर 06 सड़क 46 के समीप मंच संधारण कार्य।

प्राक्कलन राशि रुमात्र

अक्षरी

का तकनीकी अनुमोदन किया जाता है।

Executive Engineer
Municipal Corporation
Bhiali (C.G.)