

MUNICIPAL CORPORATION BHILAI (C.G.)

NIT

गरीबी की सेवा निधि अंतर्गत प्रधानमंत्री आवास योजना के निर्माणाधीन 32 यूनिट आवास समूह स्वप्निल बिल्डर्स तक पहुंच मार्ग, नाली निर्माण कार्य।

PWD BUILDING SOR 2026, Road SOR 2026

A	CC ROAD		
S.No.	ITEM	Qty.	UNIT
1	Excavation in Soil (by Mechanical Means.) Excavation for roadway in soil using mechanical means including loading in tipper for carrying of cut earth to embankment site and unloading with all leads & lifts as per relevant clauses of section 300.	211.25	Cum
2	Wet Mix Macadam Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at OMC in mechanical mix plant carriage of mixed material by tipper to site, laying in uniform layers with paver in subbase / base course on well prepared surface and compacting with vibratory roller to achieve the desired density as per clause 406.	84.5	Cum
1	Providing and laying cement concrete for plain concrete/ reinforced concrete i/c form work, shuttering complete in as per drawings and specifications.(For Village roads _)		
	P.C.C. M-10	39.00	Cum
1	Providing and laying Un-reinforced Cement Concrete without Dowel bars including formwork and expansion, contraction & longitudinal joints as per design and as per IRC-62, over a prepared base as per approved mix design and finishing to lines and grade as per Drawing for Pavement thickness less than 200mm in Low Volume Roads. With Cement concrete grade M-30 and minimum cement content @ 375 kg/cum		
	Road SOR6.7	53.63	Cum
	Drain		
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.1.1.1 In all types of soils.		
	50X50		CUM
		70	CUM
2	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).		
	50X50	8	CUM
3	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.		
	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mmnominal size).		
	50X50	8.00	CUM
	WALL		
	50X50	15.00	CUM

		23.0	CUM
4	Extra for precast PCC/ RCC work of any mix including form work, hoisting and fixing in Cement Mortar. 1:2 (1 Cement : 2 coarse sand) and finishing with cement plaster in Cement Mortar 1:3 (1 Cement : 3 coarse sand) but excluding reinforcement.		
	RCC Cover	12.00	CUM
5	4).Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawingsincluding cost of binding wire in foundation and plinth all complete: Thermo-Mechanically treated bars FE 550D		
		2450	KG
6	5).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.		
	50X50		
7	6).Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50 M. and lift upto 1.5 M.	240	SQM
	50X50		
8	7).Carriage by mechanical transport upto 5 km lead:	12.00	CUM
		52.2	CUM
B CULVERT NIRMAN		for 100 meter	
9	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. 1.1.1 In all types of soils.		
70	70x70		
		6.65	CUM
10	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).		
	70x70		
		0.70	CUM
11	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.		
	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).		
	70x70		
	WALL		
	70x70		
		0.90	CUM
		0.88	CUM
		1.78	CUM
12	4).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 500D&415		
		124.25	KG

13	5).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.		
	70x70	0.75	SQM
	70x70	7	SQM
		7.75	SQM
14	6).Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50 M. and lift upto 1.5 M.		
	70x70		CUM
		0.35	CUM
15	7).Carriage by mechanical transport upto 5 km lead:	7.182	CUM
16	1).Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all		
	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)		
			SQM
		3.5	SQM
17	2).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 550D		
		108	KG
18	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.		
	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).		
	slab	1.2	CUM
19	3).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).		
	slab		
		0.937	CUM


 सहायक अभियन्ता
 नगर पालिक निगम, भिलाई


 उप अभियन्ता
 नगर पालिक निगम, भिलाई