

NAGAR PALIK NIGAM, BHILAI


**NAME OF WORK:- CONSTRUCTION OF VENDING ZONE INFRONT OF WEEKLY
MARKET, WARD 23**

NIT

S.No.	Description and details of work	No.	L.	B	D	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 (at least 5m away from the excavated area), including dressing and leveling of pits.						
	In all types of soils.	1	55.00	9.00	0.20	99.00	
		16	9.00	0.30	0.30	12.96	
						111.96	cum
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). cum	1	55.00	3.00	0.10	16.50	cum
3	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	55.00	6.00	0.10	33.00	
						33.00	cum
4	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	1	55.00	9.00		495.00	sqm
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.						
	1:1.5:3 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).						
		2	55.00	0.15	0.10	1.65	
		2	9.00	0.15	0.10	0.27	
						1.92	cum

6	Half brick thick brick masonry with fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in superstructure above plinth level upto plinth level:						
	Cement Mortar 1:4 (1 cement : 4 coarse sand) sqm 382.00	16	2.00	9.00	0.20	57.60	cum
7	Supplying and stacking of good earth at site including royalty, loading, unloading and carriage upto 5 km (earth measured in stacks will be reduced by 20% for payment).						
		16	9.00	0.30	0.20	8.64	cum
8	Supplying and stacking at site well decayed cow dung manure from approved source, including loading, unloading and carriage upto 5 km (manure measured in stacks will be reduced by 8% for payment).						
		16	9.00	0.30	0.10	4.32	cum
9	Spreading of sludge, dump manure or/and good earth in required thickness (Cost of sludge, dump manure or/ and good earth to be paid separately).						
		16	9.00	0.30	0.30	12.96	cum
10	Providing and planting following herbs in garden including preparation of soil, base plantation, providing and spreading different fertiliers, soil and sand:						
a	Hedges like Alife, Dorenta, Tikoma etc	500.00				500.00	each
b	Furn like Arica, China etc (3 year old) each	16				16.00	each
11	Providing and fixing M.S. flat iron tree guard 60cm dia. and 2m height above ground level formed of 4 nos. 25x6mm and 8 nos. 25x3mm vertical M.S. flats riveted to 3 nos. 25x6mm M.S. flat iron rings in two halves, bolted together with 8mm dia. and 30mm long bolts including painting two coats with paint of approved brand and manufacture over a coat of priming, complete in all respects.						
		16				16.00	each
12	Carriage by mechanical transport upto 5 km lead:						
	Earth					111.96	cum
13	Providing and fixing steel door/ window with M.S. sheet 1mm thick, frame of angle iron, diagonal braces of angle/ flat iron of suitable size, 3.00 mm M.S. gusset plates at junctions and corners, all necessary fittings complete including applying a priming coat of red oxide zinc chromate primer.						
		15	2.20		0.45	14.85	
			14.85@30kg/m2			445.50	kg
14	Painting on new work (two or more coats) to give an even shade with:						
	Premium synthetic enamel paint	15	2.00	2.00	0.45	22.50	

		15	8.00	2.20	2.50	660.00	
		15	2.00	2.20	2.20	145.20	
						834.90	sqm
15	Lettering with black Japan paint, per cm height.	15	30.00	25.00		11250.00	per letter


 सहायक अभियंता
 नगर पालिक निगम
 भिलाई


 उप अभियंता
 नगर पालिक निगम
 भिलाई