

# NAGAR PALIK NIGAM BHILAI


## NIT

### CONSTRUCTION OF VOLLYBALL COURT AT WARD 14

(AS PER BUILDING/ELECTRICAL SOR (01.01.2015) & NON SOR)

S.NO	PARTICULAR	Q	U
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.	49.50	Cum
2	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.		
		36.00	Cum
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).	49.50	Cum
4	Structural steel work in single section including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.		
		300.00	cum
5	Painting on new work (two or more coats) to give an even shade with:		
	Satin synthetic enamel paint	19.12	sqm
6	Supply of swaged steel tubular pole as per IS 2713 with base plate of size 300x300x6mm welded at bottom, necessary hole for cable entry and earthing stud welded at specified height including painting with one coat of red oxide zinc chromate primer.		
	Designation 410 SP-2 height 7.00 metre	6.00	each
7	Supply and fixing following street light pole bracket on existing pole made out of 50 mm dia MS "B" class pipe welded to 300 mm long MS pole canopy of suitable dia at a angle of 102.50 including having MS triangular stiffener of size 150 X 50 X 5 mm thick, making arrangement for tightening the bracket with pole by providing suitable size heavy duty nuts and bolts in canopy, painting with one coat of approved steel primer etc. as required.		
	Single Over Hang 0.75 metre Long	6.00	each
8	Supplying, installation, testing and commissioning of following 230/250 volts LED street light fitting with all accessories like driver, heat sink made of die cast aluminium with IP 66 protection and 5 KV surge protection on pole bracket complete as required and furnishing 2 Yrs Guarantee certificate from manufacturer.		
	120 watt	6.00	each
9	Supplying and laying following sizes one number PVC insulated/ XLPE, PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required.		
	2 x 4 sq. mm	75.00	m

10	Supplying and laying following size medium class G.I. pipe in ground below road, path etc at a depth not less than 40 cm and upto 90 cm including excavation, dismantling of road if required and refilling the trench with excavated material, ramming and making the surface good etc. as required.		
	50 mm internal dia	30.00	m
11	Supplying and fixing wall mounted metal board of welded construction, fabricated with minimum 35 mm X 35 mm X 6 mm angle iron frame work, with 25 mm X 6 mm flat iron as intermediate members including painting etc. as required.		
		1.00	sqm
12	Providing and fixing following rating and breaking capacity MCCB in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required.		
	3 pole MCCB, 250A, Adjustable Thermal - Magnetic Release, 35KA		
		6.00	m
13	providing and fixing Vollywall net including all fitting.		
		1.00	1
ASSISTANT ENGINEER		SUB ENGINEER	
MUNICIPAL CORPORATION		MUNICIPAL CORPORATION	
BHILAI		BHILAI	

  
**कार्यपालन अभियंता**  
 नगर पालिक निगम  
 भिलाई