

# MUNICIPAL CORPORATION BHILAI (C.G.)

## NIT


कार्य का नाम :- वार्ड 58 सड़क 37 बैडमिंटन कोर्ट निर्माण कार्य।

As Per Building SOR 01.01.2015 & Non Sor Item

S.N.	Description and details of work	Qty.	Unit
1	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).	9.64	cum
2	providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:	6.90	sqm
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).	12.17	cum
4	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.)	6.885	cum
5	Surface dressing of the ground including removing vegetation and making up undulations and in-equalities not exceeding 15 cms in depth/ height including disposal of rubbish upto 1.5 m lift and lead upto 50m (at least 5m away from the dressed area).	40.800	SQM
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 nominal size).	3.510	Cum
7	Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in: Cement Mortar 1:6 (1 cement : 6 coarse sand)	4.590	cum
8	15mm thick cement plaster on the rough side of single or half brick wall of mix: In Cement Mortar 1:6 (1 cement : 6 fine sand)	56.100	sqm
9	White washing with whiting to give an even shade. On new work (Three or more coats)	56.10	sqm
10	Distempering with acrylic washable distemper to give an even shade. On new work (Two or more coats)	56.10	sqm
11	Providing and placing in position angle iron post and strut of required size including bottom to be split and bent at right angle in opposite direction for required length and drilling holes upto 10 mm dia as per requirement including priming coat with red oxide zinc chromate primer and placing the post/ strut in cement concrete block.	504.97	kg
12	Painting on new work (two or more coats) to give an even shade with: Premium synthetic enamel paint	184.83	sqm
13	Providing and fixing in position welded steel wire fabric to concrete/ wooden/ angle iron posts including securing and screwing with G.I. tying wire, G.I. staples, G.I. U-nails or steel pins etc., complete Aperture 50x50mm	91.80	sqm

14	Supplying of following 230/250 volts LED Flood light fitting with all accessories like driver, heat sink made of die cast aluminium with IP 66 protection and 15 KV surge protection on pole bracket, including connection, earthing, Seperate housing for driver etc complete as per specification and P.A. should be greater than 0.9. LED chip efficacy ratio $\geq 120$ lumens /watt.	4.00	Each
15	Supplying following sizes FRLS PVC insulated , PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade and as per IS: 1554 (1988, Part 1) / IS: 7098 (1988, Part 1).3 x 16 sq. mm	107.00	mtr
16	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-26 height 7.00 metre	2.00	Each
<b>NON SOR</b>			
1	Backed by rich industrial experience and exposure in this domain, devotedly involved in presenting wide assortment of 25mm Artificial Grass.Captivating design Vivacious colors Beautiful pattern.ColorGreen Material PPSShape Straightls It Washable WashableThickness 25mm(B)	81.74	sqm

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

  
**Sub. Engineer**  
**Municipal Corporation**  
**Bhilai(C.G.)**