

MUNICIPAL CORPORATION BHILAI (C.G.)

DETAILED ESTIMATE

कार्य का नाम :-वार्ड क्र. 51 सेक्टर 04 के सड़क 04 में बैडमिंटन कोर्ट निर्माण कार्य।

As Per Building/electrical SOR 2015 & Non Sor Item

S.N.	Description and details of work	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.)	189.85	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).	9.85	cum
3	providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:	7.02	sqm
4	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). @ Rs. 4073.00 m3	17.36	cum
5	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. 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 40mm nominal size).(20+50)=.35	9.63	Cum
6	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.	570	Kg
7	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 all complete:Thermo-Mechanically treated bars Qty. Of RCC 50.00Kg	481.25	Kg
8	Structural steel work in single section including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer. .GATE AND 35*35*5 ANGLE	800.00	Kg
9	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:(A) Foundations, footings, base of columns and plinth beam in any shape and size.	55.00	sqm
10	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)	55.00	sqm
11	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.	8.98	Cum
12	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	162.2	Cum

13	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.		
	3 5x25 sqmm	145.00	mtr
	3 x 10 sq. mm	245.00	mtr

NON SOR

1	1 ELECTRICAL WORKS -: Supply and installation of Decorative tubular garden pole up to 6 meter height of One way pattern ,2 way overhanf of 0.75m with base plate of 300x300x6 mm welded at bottom ,fitted on four nos. of 300 mm long foundation bolt with supplying and laying pvc, including concrete base with fixing earthing wire.	4.00	each
2	LED Module 300 watts (2 years warranty) Housing: Black/ Silver (Bajaj, Hevels,isi) AC90-350V, 50/60HZ, PFC>0.95, 100-135LM/W CRI>75, 2700-6500K, IP67, 427X305X122mm. (New sorts digine and modle) (Non SOR)	8.00	each
3	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 PPShape Straightls It Washable WashableThickness 25mm(B)	81.74	sqm
4	Providing and fixing in position chain linked steel wire fabric made of 4 mm dia G.I. wire of required width in mesh to concrete/ wooden/ angle iron posts including securing and screwing with 2mm dia G.I. wire, G.I. staples, G.I.U-nails or steel pins,painting both side the above item with bright color etc., complete Aperture 25x25mm	115.50	sqm

**EXCUIITIVE ENGINEER
MUNICIPAL CORPORATION,
BHILAI**


**ASSISTENT ENGINEER
MUNICIPAL CORPORATION,
BHILAI**


**SUB ENGINEER
MUNICIPAL CORPORATION,
BHILAI**