

MUNICIPAL CORPORATION OF BHILAI

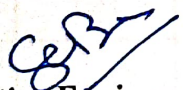
NIT

वार्ड-47, न्यू खुर्सीपार में बैडमिंटन कोर्ट, बॉलीवॉल कोर्ट एवं प्रकाश व्यवस्था कार्य।


As Per PWD Building SOR 01.01.2015, Electrical SOR 01.06.2020 & NON SOR ITEM

S.N.	PARTICULARS OF ITEMS	Quantity	UOM
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.)	43.43	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).	21.57	cum
3	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)	7.50	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).	56.98	cum
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 all below plinth level.	9.00	Sqm
6	Providing and fixing approved pipe hand rail by welding to iron railing including applying a priming coat of red oxide zinc chromate primer. M.S Pipe 50 mm Dia	35.21	Kg
7	Supply Of Swaged steel tubular Pole as per IS 2713 with base plate of size 300 x 3000 x 6 mm welded at bottom ----- specified height including painting with one coat of red oxide zinc chromate primer. Designation 410 SP-2 height 7.00 metre	9	Each
8	Erection of steel tubular pole or rail pole in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size) foundation including excavation & refilling etc as required of 7 metre to 10 metre	9	Each
9	Supply & fixing water tight terminal box made of 1.6 mm thick M S Sheet with detachable gland plate in bottom ----, 4 way connector & 1 No. SPMCB inside the box for cable connection fixed to pole with 2 Nos. Clamp made from 40 x 3 mm MS flat with 2 Nos. nut bolts dully painted with 2 coat red oxide paint & 2 coat aluminum paint complete as required 30 x 20 x 15 cms	9	Each
10	Painting new steel & other metallic surface with red oxide zinc chromate primer paint complete with supply of material labour etc including preparation of surface	56.7	Sqm
11	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 stiffner 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. Double Over Hang 1.50 metre Long	18	Each
12	Painting wood steel & other metallic surface with aluminum paint complete with material & labour including preparation of surface	56.70	Sqm

S.N.	PARTICULERS OF ITEMS	Quantity	UOM	
13	Providing & Laying Cast In situ Cement Concrete 1:3:6 graded stone aggregate 40 mm nominal size foundation including mixing with mechanical mixer compacting with vibrator finishing & currying etc complete but excluding formwork	2.29	Cum	
14	Providing timber steel formwork for cement concrete work at all levels including removing of the same	7.63	Cum	
15	Earthing with G.I. earth pipe 4.5 m long 40 mm dia including accessories & providing masonry enclosure with cover plate having locking arrangement watering pipe etc (But without charcoal & salt) as required	9	Set	
16	Supplying and drawing following sizes of FR PVC insulated copper conductor, single core cable in the existing surface/ concealed, steel/ PVC conduit/ PVC casing capping as required. 3 x 2.50 sq.mm	135.00	Metre	
17	Supplying and fixing on surface/ recess following way, 240 volts SP&N MCB distribution board of sheet steel phosphatized and powder painted complete with tinned copper busbar, neutral busbar, earth bar, din bar, detachable gland plate, including interconnections, earthing etc. as per specification. (But without MCB/RCCB/Isolator) 4 way, Single door	9	Each	
18	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 15 KV surge protection on pole bracket, including connection, earthing, Separate housing for driver etc complete as per specification and P.F. should be greater than 0.9. LED chip efficacy ratio \geq 120 lumens /watt. 180 watt	18	Each	
19	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 10 sq. mm	390.00	Meter	Rate
20	NON SOR ITEM 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	344.00	sqm	
21	NON SOR ITEM LED MODULE 300watts (2year warranty) housing,blacksilver (bajab,havels etc.) AC90-350V,50/60HZ,PFC>0.95,100-135LM/W CRI>75,2700-6500K,IP67,427X305X122mm	12	Each	
22	NON SOR ITEM COSCO SPORTS Cotton (9.5 meter Volleyball Net COSCO SPORTSR (Cotton)	1	Each	


Executive Engineer
Municipal Corporation
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Assistant Engineer
Municipal Corporation
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Sub Engineer
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