

# MUNICIPAL CORPORATION OF BHILAI

## NIT

Name of work: - वार्ड क्र. 60 सेक्टर 05 गणेश मंदिर रोड में स्थित खेल मैदान एवं लैण्डस्केप, लाईट का

S.N.	PARTICULERS OF ITEMS	Quantity	UOM
1	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).	60	Cum
2	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).	60	Cum
3	Uprooting weeds from the trenched area after 10 to 15 days of its flooding with water including disposal of uprooted vegetation.	60	Sqm
4	Fine dressing the ground	60	Sqm
5	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).	60	Cum
6	Mixing earth and sludge or manure in proportion specified or directed.		
7	Preparation of beds for hedging and shrubbery by excavating 60cm deep and trenching the excavated base to a further depth of 30cm, refilling the excavated earth after breaking clods and mixing with sludge or manure in the ratio of 8:1 (8 parts of stacked volume---including stacking and disposal of materials declared unserviceable and surplus earth by spreading and leveling as directed, within a lead of 50m lift upto 1.5 m complete (cost of sludge, manure or extra earth to be paid for separately).	20	Cum
8	Providing and planting following herbs in garden including preparation of soil, base plantation, providing and spreading different fertilizers, soil and sand: Hedges like Alike, Dorenta, Tikoma etc	200	Each
9	Furn like Arica, China etc (3 year old)	50	Each
10	Hibiscus (Flower)/ Rose	50	Each
11	Carpet grass (well developed)	252	Sqm
12	Providing and planting of 3'0" to 4'0" heighted wasingtonia, filipharia/bismarkia novelist plam plants with 1'6" x 1'6" depth pit formation and soil preparation, (Mixing organic manure and plant's protection insecticide). Up to 4 month maintenance.	20	Each
13	Providing and planting of 4'0" to 5'0" heighted Ficus prestige/Blackiana plants with 1'6" x 1'6" depth pit formation and soil preparation, (Mixing organic manure and plant's protection insecticide). Up to 4 month maintenance.	20	Each
14	Providing and planting of Bogenbelia dwarf, chandni dwarf, kaner dwarf vr flower bearing plants with 0'9" x 0'9" depth pit formation and soil preparation work's, (Mixing organic manure and plant's protection insecticide). Up to 4 month maintenance	20	Each
15	Providing and planting of dwarf red Ekalyha plants showing mass effect view with 0'9" x 0'9" x 1'0" depth pit formation and soil preparation work's, (Mixing organic manure and plant's protectioninsecticide). Up to 4 month maintenance.	20	Each
16	Providing and planting of plumeria (Champa) 2'0" to 3'0" heighted plants with 1'0" x 1'0" x 1'6" depth pit formation and soil preparation work's, (Mixing organic manure and plant's protection insecticide). Up to 4 month maintenance.	20	Each
17	Providing and planting of Golden durenta multi branches plants for showing mass effect in 0'6" x 0'6" distance with soil preparation work's, (Mixing organic manure and plant's protection insecticide). Up to 4 month maintenance.	20	Each
18	Painting exterior surface with SMOOTH exterior emulsion paint manufactured with the cow dung processing to give protective and decorative finish including cleaning washing of complete with. One new work (Two or more coats applied @1.43 ltr/10 sqm	420	sqm



19	Painting on new work (two or more coats) to give an even shade with: Satin synthetic enamel paint	460	sqm
20	Floor painting with superior quality enamel paint to give an even shade. On new work (two or more coats)	621	sqm
21	Supplying, installation, testing and commissioning of following LED Strip Light fitting complete with Electronic Driver Heat sink Capacitor and all other accessories, including connection, earthing etc complete as per specification and P.F. should be greater than 0.9. LED chip efficacy ratio $\geq$ 100 lumens /watt. IP-65 5 watt. per metre LED Strip	750.00	Metre
22	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. 90 watt	20	each
23	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. 120 watt	6.00	each
24	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. 300 watt	5.00	each
25	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, Double door	2.00	each
26	Supplying and fixing SP MCB, 240 volts, 'B' curve, suitable for lighting and other loads in the existing MCB DB complete with connections, testing and commissioning etc. as per specification. 40 amps	6.00	each
27	Supplying and fixing DP MCB, 240 volts, 'C' curve, suitable for lighting and other loads in the existing MCB DB complete with connections, testing and commissioning etc. as per specification. 40 amps	6.00	each
28	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 soil	10.65	Cum
29	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).	17.65	Cum
30	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. L 50x50 x 5 mm	503.88	Kg
31	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).	3	Cum

*[Handwritten Signature]*  
S/E



	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	882.5	Kg
33	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	872.8	Kg
34	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.	100.00	sqm
35	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 etc., complete. Aperture 50x50mm	150.00	sqm
36	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)	100.00	sqm

### NON-SOR


37	Chain Mounted Poclain including Fuel, Driver & other charges, Model-Ex 20 chain mounted 15 Days @ 8 hrs/Day	5	Day
38	गेंदा हाईब्रेड ऑरेंज	150.00	No
39	गेंदा हाईब्रेड पीला	150.00	No
40	आरटर	80.00	No
41	डहलिया	80.00	No
42	पेंजी	70.00	No
43	झिगिया	80.00	No
44	गिहरिया	80.00	No
45	रोवन्ती	100.00	No
46	शरबेरा	60.00	No
47	गुलाग हाईब्रेड	50.00	No
48	पेपर फ्लावर	90.00	No
49	केरनटोला	100.00	No
50	गिलाडियस	60.00	No
51	टेन्थरा	100.00	No
52	करसमय हाईब्रेड	60.00	No
53	पापी	70.00	No
54	लट्टु गेंदा	100.00	No

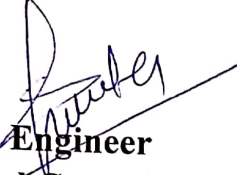
*[Handwritten Signature]*  
S/E





55	विद्या		
56	मुसन्डा	50.00	No
57	फाइकस / साइकस	50.00	No
58	चायना पास	50.00	No

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

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