

## MUNICIPAL CORPORATION BHILAI (C.G.)

NIT

Name of work :- वार्ड कं. 64 सेक्टर 10 मे जयंती स्टेडियम के समीप शौचालय निर्माण कार्य।

As per Building SOR 01.01.2015 ELEC SOR 2020, &amp; NON SOR

S/NO.	PARTICULARS	QTY.	UNIT
1	Surface dressing of the ground including removing vegetation and making up undulations and inequalities 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).	56.70	Sqm
2	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.	44.94	Cum
3	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50 M. and lift upto 1.5 M.	44.94	Cum
4	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work. 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).	3.82	Cum
5	Providing and laying damp proof course (upto 50mm thick) with plain cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded crushed stone aggregate 20mm nominal size) including formwork.	1.91	Cum
6	Providing and laying nominal mix reinforcement cement concrete with crushed stone aggregate using concrete mixer in all works upto floor five level excluding cost of reinforcement and form work. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	8.17	Cum
7	Extra for laying PCC/RCC of any grade in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:	11.56	Cum
8	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.	19.20	Cum
9	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:	612.75	Kg
10	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: Foundations, footings, base of columns and plinth beam in any shape and size.	67.60	Sqm
11	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: Columns, Pillars, Piers and likes- rectangular or square in shape	26.40	Sqm
12	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: Weather shade, chhajja, Cornices and mouldings (Pg-16, Code No-2.1.14)	3.84	Sqm
13	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: Beams, lintels, cantilevers & walls	13.08	Sqm
14	Providing and fixing formwork including centering, 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)	55.20	Sqm
15	Brick work with modular fly-ash lime bricks (FALG Bricks) confirming to IS:12894-2002 of class designation 40 in foundation and plinth in: Cement Mortar 1:6 (1 cement : 6 coarse sand)	7.38	Cum
16	Brick work with modular fly-ash lime bricks (FALG Bricks) confirming to IS:12894-2002 of class designation 40 in foundation and plinth in: Cement Mortar 1:6 (1 cement : 6 coarse sand)	13.95	Cum
17	Providing wood work in frames of doors, windows, clerestory windows and other frames wrought framed and fixed in position.		

	Sal, bijasal, benteak, khair, haldu	0.12	Cum
18	Providing and fixing flush door shutters decorative type, core of block board construction with frame of first class hard wood and well matched teak ply veneering with vertical grains or cross bands and face veneers on both faces of shutters excluding hinges. 35 mm. thick (single leaf)	13.14	Sqm
19	Providing and fixing bright finished brass butt hinges with brass polished MS screws complete: 100x85x5.50 mm (Heavy Type)	9.00	Each
20	Providing and fixing bright finished brass sliding door bolt with nuts and brass polished MS screws complete: 250x16mm	2.00	Each
21	Providing and fixing brass door latch with brass polished MS screws complete: 250x16x5 mm	2.00	Each
22	Providing and fixing bright finished brass tower bolts (barrel type) with brass polished MS screws complete: 200x10mm	12.00	Each
23	Providing and fixing bright finished brass door handles with brass polished MS screws complete: 125 mm	8.00	Each
24	Making the opening in brick masonry for door/ window/ clerestory window including dismantling in floor or walls by cutting masonry and making good the damages to walls, flooring and jambs complete to match existing surface i/c disposal of malba/ rubbish to the nearest municipal dumping ground. Float glass panes of thickness 5.5 mm	13.14	Sqm
25	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.	250.00	kg
26	Providing and laying vitrified floor tiles with soluble salt printing, of size 600x600mm with water absorption less than 0.5% and conforming to IS : 15622 of approved make, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete Size 600x600mm	48.00	Sqm
27	Providing and fixing ceramic glazed wall tiles conforming to IS : 15622 of approved make, colours, shades and size on wall and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with matching pigment complete. Size above 200x300mm	94.08	Sqm
28	6mm thick cement plaster of mix: In Cement mortar 1:4 (1 cement : 4 fine sand)	15.00	Sqm
29	12mm thick cement plaster of mix: In Cement Mortar 1:6 (1 cement : 6 fine sand)	134.40	Sqm
30	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)	106.08	Sqm
31	Applying one coat of cement primer on wall surface.	161.40	Sqm
32	Wall painting with acrylic luxury emulsion (plastic) paint of required shade to give an even shade. On new work (two or more coats)	161.40	Sqm
33	Painting on new work (two or more coats) to give an even shade with Satin synthetic enamel paint	15.00	Sqm
34	Structural steel work in single section including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer	120.00	KG
35	Providing and applying plaster of paris putty over plastered wall surface including scaffolding complete Upto 2 mm thickness to make surface even and smooth in line and level.	15.00	Sqm
36	Providing and fixing one side polished 25 mm thick RAJIM SAND STONE shelves fixed in walls in cement mortar 1:3 (1 cement : 3 coarse sand) including finishing complete. One side polished	20.00	Sqm

37	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. 9.43.1 Aperture 50x50mm	24.00	Sqm
38	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing : 18.30.1 5mm thick mirror	3.00	SQM
39	Providing and fixing glass panes in glazed or paneled and glazed shutters of doors and window, clearstory windows etc (Only area of glass panes to be measured). 8.11.1 4mm thick	2.00	SQM
40	Providing and fixing aluminium composite panels in approved panel sizes, thickness and shape on aluminium frame work on face of building. (Frame to be paid separately) 9.61.1 3mm thick	14.00	SQM
	Providing and fixing laminated glass sheet of 8.76mm thickness in approved sizes on aluminium frame work on face of building. (Frame to be paid for separately)	3.15	SQM
41	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).	10.00	Cum
42	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).	10.00	Cum
43	Providing and planting following herbs in garden including preparation of soil, base plantation, providing and spreading different fertilizers, soil and sand: Carpet grass (well developed)	12.00	Sqm
44	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).	2.52	Cum
	WATER SUPPLY ,PLUMBING FOR FOUNTAIN		RS 108410
	ELECTRIFICATION		RS 81307
	<b>NON SOR</b>		
1	High Speed Jet Of Warm Air With Low Noise Blower to Quick Dry Wet Hands Power : 1800 W, Voltage : 200 - 240 V , 50 Hz Automatic Cut Off after approx 5-10 seconds to save power Material: ABS PLASTIC, White color, Size: 10*10*9 Inch Durable & Sleek Hi Gloss ABS Plastic Casing	1.00	Each
2	Tissue Paper Dispenser M-Fold Wall Mount - White Wall mounted Idea for : Restaurant & Hotel toilets, Kitchen etc Maintains Hyguine ensuring environmentally-friendly, Harmless to children, durability, dependability and safety. Promotes hygiene whilst helping manage costs through controlled dispensing	1.00	Each
3	Manual Sanitary Napkin Vending Machine Accept 5Rs Coin No need of electricity Width 57 cm Height 33 cm Depth 22 cm Weight 10 kg Product Capacity Is 25n. Light Present Color Is Pink. Height Adjustable Shelves	1.00	Each

EXECUTIVE ENGINEER  
MUNICIPAL CORPORATION  
BHILAI

ASSISTANT ENGINEER  
MUNICIPAL CORPORATION  
BHILAI

SUB ENGINEER  
MUNICIPAL CORPOR.  
BHILAI