## MUNICIPAL CORPORATION OF BHILAI DETAILED ESTIMATE

कार्य का नाम :- वार्ड-08 न्यू कृष्णा नगर में सार्वजनिक सामुदायिक भवन निर्माण कार्य।

(As Per PWD Building SOR 01.01.2015 & Electric SOR 01.06.2020

Excavation for all types and sizes of foundations, trenches and drains or forupto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. In all types of soil providing and laying nominal mix cement concrete with crushed stone paggregate using concrete mixer in foundation, plinth and at ground evel excluding cost of form work.  24:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm providing and laying nominal mix reinforcement cement concrete with providing and laying nominal mix reinforcement cement concrete with providing and laying nominal mix reinforcement and form work. 1:1½:3 (1 providing and laying cost of reinforcement and form work. 1:1½:3 (1 providing and placing in position reinforcement for R.C.C. work are laiding straightening, cutting, bending, binding etc. complete as per gravings including cost of binding wire all complete: Cold twisted bath to rolled deformed steel providing and fixing formwork including centering, shuttering, rutting, staging, propping bracing etc. complete and including its moval at all levels, for:	7.5	0	Cum Cum Kg	_
Excavation for all types and sizes of foundations, trenches and drains or forupto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. In all types of soil providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground evel excluding cost of form work.  14:8 (1 cement: 4 coarse sand: 8 graded stone aggregate 40mm aggregate using concrete mixer in all works upto floor diversity for the form of the level excluding cost of reinforcement and form work. 1:1½:3 (1 from the form the fo	7.5	0.44	Cum	_
recluding dressing and leveling of pits. In the Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground evel excluding cost of form work.  :4:8 (1 cement: 4 coarse sand: 8 graded stone aggregate 40mm sominal size).  Providing and laying nominal mix reinforcement cement concrete with rushed stone aggregate using concrete mixer in all works upto floor rushed stone aggregate using concrete mixer in all works upto floor rive level excluding cost of reinforcement and form work.1:1½:3 (1 ement: 1½ coarse sand: 3 graded stone aggregate 20mm nominal fize).  Providing and placing in position reinforcement for R.C.C. work recluding straightening, cutting, bending, binding etc. complete as per rawings including cost of binding wire all complete: Cold twisted bath to rolled deformed steel roviding and fixing formwork including centering, shuttering, rutting, staging, propping bracing etc. complete and including its	19	).44	Cum	_
rowiding and laying nominal mix reinforcement cement concrete with rushed stone aggregate using concrete mixer in all works upto floor rushed stone aggregate using concrete mixer in all works upto floor ive level excluding cost of reinforcement and form work.1:1½:3 (1 ement: 1½ coarse sand: 3 graded stone aggregate 20mm nominal fize).  Toviding and placing in position reinforcement for R.C.C. work recluding straightening, cutting, bending, binding etc. complete as per rawings including cost of binding wire all complete: Cold twisted bath to tolled deformed steel roviding and fixing formwork including centering, shuttering, rutting, staging, propping bracing etc. complete and including its	19			_
reluding straightening, cutting, bending, ornanger all complete: Cold twisted batter awings including cost of binding wire all complete: Cold twisted batter and the straightful control of the straightful contro	r ar	43.98	Κį	, \
roviding and fixing formwork including centering, rutting, staging, propping bracing etc. complete and including its			-	
sundations, footings, base of columns and prints	e	29.60	S	Sqm
nd size.		71.00		Sqm
olumns, Pillars, Piers and likes- rectangular or square in shape		115.63		Sqm
uspended floors, roofs, access platform, balconies (plain surfaces)		113.03		
ord shelves (cast in situ) rick work with modular fly-ash lime bricks (FaLG Bricks) onfirming to 1S:12894-2002 of class designation 4.0 in foundation	n	4.68		Cum
od plinth in: Cement Mortar 1:6 (1 Cement : 6 Coarse Sand)  Oper structure Brick work with modular fly-ash lime bricks (FaLC)  Pricks confirming to IS:12894-2002 of class designation 4.0 in  Undation and plinth in: Cement Mortar 1:6 (1 Cement : 6 Coarse	G e	15.10		Cum
and) Providing and filling in plinth with sand/ Crusher dust and hard Corum under floor in layers not exceeding 20cm in depth Corsolidating each deposited layer by ramming and watering,		25.88	8	Cum
cluding dressing etc. complete.  roviding and laying damp proof course (upto 50mm thick) with	n plain ned	0.3	0	Sqm
one aggregate 20mm nominal size) including form of the same and the same than the same that the same than the same	ne of .00	212	2.40	Kg
	per structure Brick work with modular of cks) confirming to IS:12894-2002 of class designation 4.0 in and plinth in: Cement Mortar 1:6 (1 Cement : 6 Coars and)  reviding and filling in plinth with sand/ Crusher dust and hard orum under floor in layers not exceeding 20cm in depth asolidating each deposited layer by ramming and watering, solidating dressing etc. complete.  reviding and laying damp proof course (upto 50mm thick) with ment concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded crush aggregate 20mm nominal size) including formwork reviding and fixing steel door with M.S. sheet 1mm thick, franche iron, diagonal braces of angle/ flat iron of suitable size, 3 and corners, all necessary for the contract of the contract	cks) confirming to IS:12894-2002 of class designation 4.0 in and plinth in: Cement Mortar 1:6 (1 Cement : 6 Coarse and)  riding and filling in plinth with sand/ Crusher dust and hard orum under floor in layers not exceeding 20cm in depth asolidating each deposited layer by ramming and watering, solidating dressing etc. complete.  rividing and laying damp proof course (upto 50mm thick) with plain ment concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded crushed aggregate 20mm nominal size) including formwork origing and fixing steel door with M.S. sheet 1mm thick, frame of the iron, diagonal braces of angle/ flat iron of suitable size, 3.00 and the contract of the	per structure Brick work with modelate of class designation 4.0 in cks) confirming to IS:12894-2002 of class designation 4.0 in and plinth in: Cement Mortar 1:6 (1 Cement : 6 Coarse and)  roviding and filling in plinth with sand/ Crusher dust and hard orum under floor in layers not exceeding 20cm in depth orum under floor in layers not exceeding 20cm in depth or solidating each deposited layer by ramming and watering, solidating dressing etc. complete.  roviding and laying damp proof course (upto 50mm thick) with plain ment concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded crushed one aggregate 20mm nominal size) including formwork or solidating steel door with M.S. sheet 1mm thick, frame of the viding and fixing steel door with M.S. sheet 1mm thick, frame of solidating steel door with M.S. sheet 1mm thick, frame of solidating and fixing steel door with M.S. sheet 1mm thick, frame of solidating and fixing steel door with M.S. sheet 1mm thick, frame of solidating and fixing steel door with M.S. sheet 1mm thick, frame of solidating and fixing steel door with M.S. sheet 1mm thick, frame of solidating and fixing steel door with M.S. sheet 1mm thick, frame of solidating and fixing steel door with M.S. sheet 1mm thick, frame of solidating and fixing steel door with M.S. sheet 1mm thick, frame of solidating and fixing steel door with M.S. sheet 1mm thick, frame of solidating and fixing steel door with M.S. sheet 1mm thick, frame of solidating and fixing steel door with M.S. sheet 1mm thick, frame of solidating and fixing steel door with M.S. sheet 1mm thick, frame of solidating steel door with M.S. sheet 1mm thick, frame of solidating steel door with M.S. sheet 1mm thick, frame of solidating steel s	rer structure Brick work with modulate of class designation 4.0 in cks) confirming to IS:12894-2002 of class designation 4.0 in and plinth in: Cement Mortar 1:6 (1 Cement : 6 Coarse of charporal designation and plinth in: Cement Mortar 1:6 (1 Cement : 6 Coarse of charporal designation and plinth with sand/ Crusher dust and hard over under floor in layers not exceeding 20cm in depth orum under

S.NO	PARTICULAR	QTY	UNIT	_1	
14	Providing and fixing M.S. grill of approved pattern made of M.S. flats	<del></del>	CHI	_	
	or square or round bars welded to steel frame of windows etc.	43.20	Kg	Kg	
	including applying a priming coat of red oxide zinc chromate primer				
15	6 mm thick cement plaster of mix:	68.52	Sqir	. \	
	In Cement Mortar 1:4 (1 cement : 4 fine sand)	00.52			
16	12mm thick cement plaster of mix:	85.20	Sqr	Sqm	
	In Cement Mortar 1:6 (1 cement : 6 fine sand)				
17	15mm thick cement plaster of mix:	114.00	Sq	m	
	In Cement Mortar 1:6 (1 cement : 6 fine sand)				
18	Providing and laying vitrified floor tiles with soluble salt printing, of	\	1		
	size 600x600mm with water absorption less than 0.5% and onforming	19.56	9	Sqm	
	to IS: 15622 of approved make, laid on 20mm thick cement mortar 1:4	48.56	1 3		
	(1 cement : 4 coarse sand) including grouting the joints with white				
	cement and matching pigments etc. complete.	-	-		
19	Distempering withwashable distemper tmanufacturer with cow dung	153.72		Sqm	
		133.72	1		
	processing to give an even shade: on new work.(two or more coats)		-		
	Painting exterior surface with SMOOTH exterior paint of required	1	1	Sqm	
	Let a see manufacturer with cow dung processing to give	114.00	1		
20	Least it and decorative finish including cleaning wasning of surface	ce 114.00	- 1		
20	etc. complete withOn new work (One or more coats applied @ 0.83		1		
21	htt/ 10 sqm) Painting on new work (two or more coats) to give an even shade	1	- 1	Sqm	
	with.Premium synthetic enamel paint (2nd top most approved brand	ed 21.36	. ]		
	with.Premium synthetic ename) paint (2nd top most approved example)				
	quality) to give an even shade.				
22	Providing and fixing ceramic glazed wall tiles conforming to 13.	1	- 1		
	15622 of approved make, colours, shades and size on wall and dade	os	1	Sqm	
	13022 of approved make, conservation 1.2 (1 coment : 3 coarse sa	nd) 28.4	0		
	over 12 mm thick bed of cement Mortar 1:3 (1 cement : 3 coarse sa		1		
	and jointing with grey cement slurry @ 3.3kg per sqm including	\	1		
	pointing in white cement mixed with matching pigment complete.				
-	ADD EXTRA 3 % FOR ELECTRIFICATION	14044	00.4	Sqr	
23	ADD EXTRA 3 % FOR SANITORY	18726	5.00	Sqı	
24	ADD EXTRA 4 70 FOR SAMMOR				

Municipal Corporation Bhilai (C.G)

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

Municipal Corporatio Bhilai (C.G)