

ABSTRACT OF COST - SH 09

NAME OF WORK :- DPR for Construction of Toilets at left side bank ZONE N-III, Nanded.

29.01.2007

ITEM	Description of Item	Quantity	Rate	Unit	Amount	Reference
						PWD DSR-2006-07
1.00	Excavation for foundation in earth, soils of all types, sand, Gravel and soft murum, including removing the excavated material to a distance of 50 m. beyond the building area stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering (including shoring and strutting) etc. complete. (Lift upto 1.50 Metre).	1,609.00	48.30	CUM	Rs 77,715.00	I.No-1 P.No-7
2.00	Providing and filling in the foundation with sand of approved quality including compaction complete.	242.00	164.65	CUM	Rs 39,845.00	I.No-18 P.No-10
3.00	Providing dry trap/ granite/ quartzite/ gneiss rubble stone soling 15 cm. to 20 cm. thick including hand packing and compacting complete	309.00	236.10	CUM	Rs 72,955.00	I.No-17 P.No-10
4.00	Providing selected hard murum filling including laying in layers of 15 cm. to 20 cm. thick layers including watering and compacting etc. complete as directed by Engineer in charge	160.00	174.75	CUM	Rs 27,960.00	Item no-737 P.No-266
5.00	Providing and laying in situ cement concrete M-10/ 1:3:6 of trap/ granite/ quartzite/ gneiss metal for foundation and bedding including dewatering, formwork, compacting, roughening them if special finish is to be provided, finishing if required and curing etc. complete. (4.42 Bag/ Cum.)	121.00	1,857.00	CUM	Rs 224,697.00	I.No-30 P.No-15
6.00	Filling in plinth and floors with contractor's soil, sand or murum in 15 cm. to 20 cm. layers including watering and compaction etc. complete.	541.00	181.05	CUM	Rs 97,948.00	I.No-16 P.No-10
7.00	Providing and laying in situ cement concrete M-20 of trap/ granite/ quartzite/ gneiss metal for reinforced cement concrete work in foundation like raft, grillages, strip foundation and footings of reinforced cement concrete columns and steel stanchion including bailing out water, form work, compaction and finishing, curing etc. complete. (Excluding steel reinforcement and structural steel) (7.60 Bag/ Cum.)	181.00	2,747.40	CUM	Rs 497,279.00	I.No-46 P.No-19

ITEM	Description of Item	Quantity	Rate	Unit	Amount	Reference
8.00	Providing and casting in situ cement concrete M-20 of trap/ granite/ quartzite/ gneiss metal for reinforced cement concrete columns as per detailed designs and drawing, or as directed including centering, formwork, compacting and finishing the form surfaces with cement mortar 1:3 of sufficient minimum thickness, to give a smooth and even surface or roughening the surface Tf special finish is to be provided and curing etc. complete. (Excluding reinforcement) (7.60 Bag/ Cum.)	53.00	3,550.65	CUM	Rs 188,184.00	I.No-49 P.No-20
9.00	Providing and casting in situ cement concrete M-20 of trap/ granite/ quartzite/ gneiss metal for reinforced cement concrete beams and lintels as per detailed designs and drawings, or as directed including, centering, form work, compaction and roughening the surface if special finishing to be provided and curing etc. complete. (Excluding reinforcement) (7.60 Bag/ Cum.)	188.00	3,632.55	CUM	Rs 682,919.00	I.No-52 P.No-21
10.00	Providing and casting in situ cement concrete Cu.M. M-20 of trap/ granite/ quartzite/ gneiss metal for reinforced cement concrete slabs and landings as per detailed designs and drawings, including, centering, form work, compacting and roughening the surface if special finish is to be provided and curing etc. complete. (Excluding reinforcement) (7.60 Bag/ Cum.)	140.00	3,216.75	CUM	Rs 450,345.00	I.No-54 P.No-22
11.00	Providing and laying HYSD bars with cement polymer composite coating (CPCC) anticorrosive epoxy treatment for reinforcement for structure including cutting,bending hooking by machine,trying in position including binding wire, spacers, chairs,cover blocks as per detailed drawing including all leads and lifts etc. complete.	51.75	40,143.60	MT	Rs 2,077,431.00	I.No-803 P.No-283
12.00	Providing First class burnt Brick masonry with conventional / Indian Standard type bricks in cement mortar 1:6 in superstructure including striking joints, raking out joints, watering and scaffolding complete.	200.00	1,558.20	CUM	Rs 311,640.00	I.No-85 P.No-51
13.00	Providing second class burnt Brick masonry with conventional / Indian Standard type bricks in cement mortar 1:4 in half brick thick wall including mild steel longitudinal reinforcement of 2 bars of 6 mm. diameter at every third course, properly bent and bounded at ends including scaffolding, raking out joints and watering complete.	15.00	268.25	SQM	Rs 4,024.00	I.No-89 P.No-52

ITEM	Description of Item	Quantity	Rate	Unit	Amount	Reference
14.00	Providing uncoursed rubble masonry of trap/ granite/ quartzite/ gneiss stones in cement mortar 1:6 in foundation and plinth of inner walls/ in plinth of external walls including bailing out water manually, striking joints on unexposed faces and watering complete	561.00	928.05	CUM	Rs 520,636.00	I.No-99 P.No-57
15.00	Providing coursed rubble masonry first sort of trap/ granite/ quartzite/ gneiss stones in cement mortar 1:6 in external wall of plinth including bailing out water manually, striking joints inside and watering.	94.00	1,237.80	CUM	Rs 116,353.00	I.No-103 P.No-57
16.00	Providing coursed rubble masonry first sort of trap/ granite/ quartzite/ gneiss stones in cement mortar 1:6 in superstructure including raking out joints on the inside when plastering is to be done, watering and scaffolding.	191.00	1,276.65	CUM	Rs 243,840.00	I.No-104 P.No-58
17.00	Providing and fixing solid core flush door commercial in single leaf 35 mm. thick without ventilator commercial type of exterior grade as per detailed drawing including non teak seasoned wood door frame 60 mm. X 100 mm. with wrought iron hold fast, aluminium fixtures and fastenings and handles on both sides and finishing with oil painting three coats complete.	36.00	1,837.50	SQM	Rs 66,150.00	I.No-404 P.No-151
18.00	Providing and fixing steel window of various sizes as per detailed drawings fabricated from I.S. standard sections without hot dip zinc coating without/ with ventilator including fabrication, glazing with non-acetic/ plain/ obscured glass panels of approved type and quality, all fixtures and fastening without teak wood boxing, and architraves and finishing with one coat of primer complete with guard bars 12 mm. square bar 10 cm. centra to centre.	39.00	1,587.60	SQM	Rs 61,916.00	I.No-366 P.No-142
19.00	Providing and fixing in position P.V.C. door shutters of standard size with P.V.C. shutters frame section of 60 mm. X 24 mm. panelled with multi chambered hollow plastic section of 200mm. X 20 mm. / 75 mm. X 20 mm with tongue and groove joint including all aluminium fixtures and fastenings as per detailed drawing as directed.	159.00	1,689.45	SQM	Rs 268,623.00	I.No-408 P.No-152
20.00	Providing and laying in required positions on wall or flooring of broken China mosaic (broken pieces of china) of approved colour and pattern on a bedding of 20 mm. thick 1:4 cement mortar with water proofing compound including neat cement float, giving proper slopes, compacting, curing and finishing complete	25.00	299.25	SQM	Rs 7,481.00	I.No-186 P.No-92

ITEM	Description of Item	Quantity	Rate	Unit	Amount	Reference
21.00	Providing and laying polished Shahabad Stone Flooring 25 mm. to 30 mm thick and 45 cm wide in plain/ diamond pattern on a bed of 1:6 cement mortar including cement float, filling joints with cement slurry, cutting, polishing and cleaning complete.	890.00	318.15	SQM	Rs 283,154.00	I.No-159 P.No-85
22.00	Providing and laying sills, counters, polished Kadappa Stone Flooring 25 mm. to 30 mm thick on a bed of 1:4 cement mortar including cement float, filling joints with cement slurry, cutting, polishing and cleaning complete.	193.00	333.90	SQM	Rs 64,443.00	I.No-198 P.No-94
23.00	Providing and laying Rough Shahabad Stone Flooring 25 mm. to 30 mm.-thick and of required width in plain/ diamond pattern on a bed of 1:6 cement mortar including cement float, striking joints,pointing in cement mortar 1:3 curing and cleaning etc. complete.	488.00	163.80	SQM	Rs 79,934.00	I.No-152 P.No-85
24.00	Providing internal cement plaster 12 mm. thick in single coat in cement mortar 1:5 without neeru finishing to concrete or brick surfaces, in all positions including scaffolding and curing complete.	3481.00	47.25	SQM	Rs 164,477.00	I.No-132 a P.No-79
25.00	Providing internal cement plaster 20 mm. thick in two coats in cement mortar 1:4 without neeru finish to concrete, brick surface, in all positions including scaffolding and curing complete.	1549.00	78.75	SQM	Rs 121,984.00	I.No-139 P.No-80
26.00	Providing flush grooved pointing with cement mortar 1:3 for stone masonry work including scaffolding and curing complete.	1190.72	29.40	SQM	Rs 35,007.00	I.No-147 P.No-82
27.00	Providing and fixing white glazed tiles of first quality of approved various size and about 5 to 6 mm. thick for dado and skirting in required positions on plaster of 1:4 cement mortar (excluding all specials required like round corner tiles, angles, cups etc.) filling joints, with white cement slurry, curing and cleaning complete.	2,944.00	519.75	SQM	Rs 1,530,144.00	I.No-178 P.No-90
28.00	Providing and applying three coats of water proof cement paint of approved manufacture and of approved colour to the plastered surfaces including scaffolding if necessary, cleaning and preparing the surface, watering for two days complete	2,669.00	19.95	SQM	Rs 53,247.00	I.No-243 P.No-104
29.00	Providing and applying three coat of synthetic enamel paint of approved colour to new structural steel work and wood work in buildings including scaffolding if necessary, cleaning and preparing the surface (excluding primer coat) complete.	168.00	31.50	SQM	Rs 5,292.00	I.No-236 P.No-103

ITEM	Description of Item	Quantity	Rate	Unit	Amount	Reference
30.00	Providing and applying priming coat over new steel and other metal surfaces including preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign material and scoured with wire brushes, fine steel wool, scrappers, and sand paper, scaffolding etc.complete.	136.00	8.40	SQM	Rs 1,142.00	I.No-245 P.No-105
31.00	Providing and applying white-wash in two coats on old/ new plastered or masonry surfaces and asbestos cement sheets including scaffolding and preparing the surface by brushing and brooming down complete.	2,128.00	3.15	SQM	Rs 6,703.00	I.No-250 P.No-107
32.00	Providing & fixing Stainless steel hand rails , blusters, post, Pergolas, railings & similar works etc. using Brush finished Stainless steel members (Stainless Steel Grade 304 and finish no-4) including hold fasts, screws, nut bolts, fasteners, etc. with cutting, hoisting, fixing & argon welding etc. in position as per approved drawing and direction of Engineer in charge. (work shall be executed through specialized agency only)	2,110.00	581.05	MT	Rs 1,226,016.00	A.R. on Market Rate
33.00	Providing and laying grit coba of average 50 mm thickness including thoroughly cleaning the base removing all loose material, oil, grease etc. flushing with water, mixing one litre of bonding material ((S.B.) L.) with 1.25 Kg. of cement to form a homogeneous paste and uniformly applying with brush (within 20 minutes), waiting for 15 minutes, laying the grit concrete 1:1.5 :3 proportion (Grit size 6-8 mm) on the orepared surface to required grades and levels (Keeping minimum thickness of 25 mm), sprinkling water after 6 hours, finishing the formed surface after 24 hours with 4 to 5 mm thick 1:3 cement finish mixed with fibre at 125 gms. per bag of cement and curing for minimum 7 days etc complete as directed by Engineer in charge.	666.00	236.25	SQM	Rs 157,343.00	I.No-114 P.No-62
GRAND TOTAL					Rs 9,766,827.00	

DETAILS OF MEASUREMENT - SH 09

NAME OF WORK :- DPR for Construction of Toilets of sizes at left side bank ZONE N-III, Nanded.
29.01.2007

I. No.	Item in Brief	No.	Length	Breadth	Height	Contents	unit
	DETAIL OF TOILETS		Meter	Meter	Meter	CUM	
	Toilet Module 50sqm	3.00					
	Toilet Module 100sqm	2.00					
	Toilet Module 200sqm	3.00					
1.00	Excavation for foundation in earth, soils of all types, sand, Gravel and soft murum, including removing the excavated materiakigto a distance of 50 m. beyond the building area stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering (including shoring and strutting) etc. complete. (Lift upto 1.50 Metre).						
	<u>Toilet Module 50sqm =3nos</u>						
	Column Footing F-1 =3*4nos	12.00	2.00	2.00	1.35	64.80 cum	
	Column Footing F-2 =3*2nos	6.00	2.60	2.60	1.35	54.76 cum	
	Column Footing F-3 =3*2nos	6.00	2.80	1.70	1.35	38.56 cum	
	for open foundation (stone) C/C =11.65+2.1+0.8+2.65+9.3+2.65+0.8+2.1 +0.75+4*0.60	3.00	35.2	0.90	1.35	128.30 cum	
	foundation internal (1 brick) C/C =4.4+2*1+3.25+1.01+2*1.315+2*1.75	3.00	16.79	0.90	0.90	40.80 cum	
	foundation internal (1/2 brick) C/C =2*2.3+2*1.2+2*0.6	3.00	8.20	0.90	0.90	19.93 cum	
	ramp walls	2.00	3.43	0.60	0.60	2.47 cum	
	Less for common Column Footing F-1 =3*4nos	-12.00	2.00	0.90	1.35	-29.16 cum	
	Column Footing F-2 =3*2nos	-6.00	2.60	0.90	1.35	-18.95 cum	
	Column Footing F-3 =3*2nos	-6.00	1.70	0.90	1.35	-12.39 cum	
	<u>Toilet Module 100sqm =2nos</u>					0.00	
	Column Footing F-1 =2*4nos	8.00	2.30	2.30	1.35	57.13 cum	
	Column Footing F-2 =2*2nos	4.00	2.60	2.60	1.35	36.50 cum	
	for open foundation (stone) C/C =2*5.7+2*11.21-2.23+4*0.60	2.00	33.99	0.90	1.35	82.60 cum	
	Less for common Column Footing F-1 =2*4nos	-8.00	2.30	0.90	1.35	-22.36 cum	
	Less for common Column Footing F-2 =2*2nos	-4.00	2.60	0.90	1.35	-12.64 cum	
	for open foundation (1/2 brick) C/C =4.62+2.57+2*0.115+0.6+2.23+3.5+0.71 5+2.38+5.385+3.35+3.29+1.2+10*1.35	2.00	43.57	0.90	0.90	70.58 cum	
	ver wall =10.85+1.5*2	2.00	13.85	0.90	0.90	22.44 cum	
	ramp walls	4.00	3.00	0.90	0.90	9.72 cum	
		2.00	4.50	0.90	0.90	7.29 cum	
	drinking points	4.00	0.75	0.90	0.90	2.43 cum	
		2.00	3.00	0.90	0.90	4.86 cum	
	<u>Toilet Module 200sqm =3nos.</u>					0.00	
	Column Footing F-1 =3*2nos	6.00	2.00	2.00	1.35	32.40 cum	
	Column Footing F-2 =3*12nos	36.00	2.60	2.60	1.35	328.54 cum	
	Column Footing F-3 =3*2nos	6.00	1.70	3.58	1.35	49.30 cum	

I. No.	Item in Brief	No.	Length	Breadth	Height	Contents	unit
	Column Footing F-4 =3*2nos	6.00	2.30	2.30	1.35	42.85	cum
	External wall stone wall c/c =2*2*16+2*2*5.5+2*3.35	3.00	92.70	0.90	1.35	337.89	cum
	Internal wall..stone =2*5.5 for open foundation (1/2 brick) C/C =2*6.65+2*3.15+2*8*1.35+2*5.95+2*2.23 +1.6+2+2	3.00	63.16	0.90	1.35	230.22	cum
	ver wall =2*2.5+23.2	3.00	35.50	0.90	1.35	129.40	cum
	ramp walls	6.00	2.50	0.90	1.35	18.23	cum
	Less for common Column Footing F-1 =3*2nos	-6.00	2.00	0.90	1.35	-14.58	cum
	Less for common Column Footing F-2 =3*12nos	-36.00	2.60	0.90	1.35	-113.72	cum
	Less for common Column Footing F-3 =3*2nos	-6.00	1.70	0.90	1.35	-12.39	cum
	Less for common Column Footing =3*2nos	-6.00	2.30	0.90	1.35	-16.77	cum
	add provisional qutty					10.00	cum
						TOTAL	1609.11 cum
						SAY	1609.00 cum

2.00 Providing and filling in the foundation with sand of approved quality including compaction complete.

<u>Toilet Module 50sqm =3nos</u>							
	Column Footing F-1 =3*4nos	12.00	2.00	2.00	0.15	7.20	cum
	Column Footing F-2 =3*2nos	6.00	2.60	2.60	0.15	6.08	cum
	Column Footing F-3 =3*2nos for open foundation (stone) C/C =11.65+2.1+0.8+2.65+9.3+2.65+0.8+2.1 +0.75+4*0.60	3.00	35.2	0.90	0.15	14.26	cum
	foundation internal (1 brick) C/C =4.4+2*1+3.25+1.01+2*1.315+2*1.75	3.00	16.79	0.90	0.15	6.80	cum
	foundation internal (1/2 brick) C/C =2*2.3+2*1.2+2*0.6	3.00	8.20	0.90	0.15	3.32	cum
	ramp walls	2.00	3.43	0.60	0.15	0.62	cum
	Less for common Column Footing F-1 =3*4nos	-12.00	2.00	0.90	0.15	-3.24	cum
	Column Footing F-2 =3*2nos	-6.00	2.60	0.90	0.15	-2.11	cum
	Column Footing F-3 =3*2nos under floor..	-6.00	1.70	0.90	0.15	-1.38	cum
	for handicapped =2*1	6.00	2.00	1.75	0.15	3.15	cum
	men toilet..entry	3.00	3.66	1.15	0.15	1.89	cum
		3.00	3.66	3.25	0.15	5.35	cum
	less for wall	-3.00	4.05	0.23	0.15	-0.42	cum
	women...entry	3.00	2.45	1.15	0.15	1.27	cum
		3.00	2.45	3.25	0.15	3.58	cum
	less for wall	-3.00	1.00	0.23	0.15	-0.10	cum
	wc=3*2*2	12.00	1.20	1.20	0.15	2.59	cum
	ramp	3.00	1.20	1.80	0.15	0.97	cum
	drinking point	6.00	2.38	0.70	0.15	1.50	cum
						0.00	
<u>Toilet Module 100sqm =2nos</u>							
	Column Footing F-1 =2*4nos	8.00	2.30	2.30	0.15	6.35	cum
	Column Footing F-2 =2*2nos for open foundation (stone) C/C =2*5.7+2*11.21-2.23+4*0.60	2.00	33.99	0.90	0.15	9.18	cum
	Less for common Column Footing F-1 =2*4nos	-8.00	2.30	0.90	0.15	-2.48	cum

I. No.	Item in Brief	No.	Length	Breadth	Height	Contents	unit
	Less for common Column Footing F-2 =2*2nos	-4.00	2.60	0.90	0.15	-1.40	cum
	for open foundation (1/2 brick) C/C =4.62+2.57+2*0.115+0.6+2.23+3.5+0.71 5+2.38+5.385+3.35+3.29+1.2+10*1.35	2.00	43.57	0.90	0.15	11.76	cum
	ver wall =10.85+1.5*2	2.00	13.85	0.90	0.15	3.74	cum
	ramp walls	4.00	3.00	0.90	0.15	1.62	cum
		2.00	4.50	0.90	0.15	1.22	cum
	drinking points	4.00	0.75	0.90	0.15	0.41	cum
		2.00	3.00	0.90	0.15	0.81	cum
	under floors.....					0.00	
	for both foors	2.00	10.50	5.70	0.15	17.96	cum
	ver wall =10.85+1.5*2	2.00	10.85	1.50	0.15	4.88	cum
	ramp walls	2.00	4.00	3.00	0.15	3.60	cum
	drinking points	2.00	3.00	0.75	0.15	0.68	cum
	Less for half brick wall	-2.00	40.74	0.23	0.15	-2.81	cum
	<u>Toilet Module 200sqm =3nos.</u>					0.00	
	Column Footing F-1 =3*2nos	6.00	2.00	2.00	0.15	3.60	cum
	Column Footing F-2 =3*12nos	36.00	2.60	2.60	0.15	36.50	cum
	Column Footing F-3 =3*2nos	6.00	1.70	3.58	0.15	5.48	cum
	Column Footing F-4 =3*2nos	6.00	2.30	2.30	0.15	4.76	cum
	External wall stone wall c/c =2*2*16+2*2*5.5+2*3.35	3.00	92.70	0.90	0.15	37.54	cum
	Internal wall..stone =2*5.5	3.00	11.00	0.90	0.15	4.46	cum
	for open foundation (1/2 brick) C/C =2*6.65+2*3.15+2*8*1.35+2*5.95+2*2.23 +1.6+2+2	3.00	63.16	0.90	0.15	25.58	cum
	ver wall =2*2.5+23.2	3.00	35.50	0.90	0.15	14.38	cum
	ramp walls	6.00	2.50	0.90	0.15	2.03	cum
	Less for common Column Footing F-1 =3*2nos	-6.00	2.00	0.90	0.15	-1.62	cum
	Less for common Column Footing F-2 =3*12nos	-36.00	2.60	0.90	0.15	-12.64	cum
	Less for common Column Footing F-3 =3*2nos	-6.00	1.70	0.90	0.15	-1.38	cum
	Less for common Column Footing =3*2nos	-6.00	2.30	0.90	0.15	-1.86	cum
	add provisional qutty					10.00	cum
						TOTAL	242.00 cum
						SAY	242.00 cum
3.00	Providing dry trap/ granite/ quartzite/ gneiss rubble stone soling 15 cm. to 20 cm. thick including hand packing and compacting complete						
	<u>Toilet Module 50sqm =3nos</u>						
	Column Footing F-1 =3*4nos	12.00	2.00	2.00	0.20	9.60	cum
	Column Footing F-2 =3*2nos	6.00	2.60	2.60	0.20	8.11	cum
	Column Footing F-3 =3*2nos	6.00	2.80	1.70	0.20	5.71	cum
	for open foundation (stone) C/C =11.65+2.1+0.8+2.65+9.3+2.65+0.8+2.1 +0.75+4*0.60	3.00	35.2	0.90	0.20	19.01	cum
	foundation internal (1 brick) C/C =4.4+2*1+3.25+1.01+2*1.315+2*1.75	3.00	16.79	0.90	0.20	9.07	cum
	foundation internal (1/2 brick) C/C =2*2.3+2*1.2+2*0.6	3.00	8.20	0.90	0.20	4.43	cum
	ramp walls	2.00	3.43	0.60	0.20	0.82	cum

I. No.	Item in Brief	No.	Length	Breadth	Height	Contents	unit
	Less for common Column Footing F-1						
	=3*4nos	-12.00	2.00	0.90	0.20	-4.32	cum
	Column Footing F-2 =3*2nos	-6.00	2.60	0.90	0.20	-2.81	cum
	Column Footing F-3 =3*2nos	-6.00	1.70	0.90	0.20	-1.84	cum
	under floor..				0.20	0.00	
	for handicapped =2*1	6.00	2.00	1.75	0.20	4.20	cum
	men toilet..entry	3.00	3.66	1.15	0.20	2.53	cum
		3.00	3.66	3.25	0.20	7.14	cum
	less for wall	-3.00	4.05	0.23	0.20	-0.56	cum
	women...entry	3.00	2.45	1.15	0.20	1.69	cum
		3.00	2.45	3.25	0.20	4.78	cum
	less for wall	-3.00	1.00	0.23	0.20	-0.14	cum
	wc=3*2*2	12.00	1.20	1.20	0.20	3.46	cum
	ramp	3.00	1.20	1.80	0.20	1.30	cum
	drinking point	6.00	2.38	0.70	0.20	2.00	cum
	<u>Toilet Module 100sqm =2nos</u>					0.00	
	Column Footing F-1 =2*4nos	8.00	2.30	2.30	0.20	8.46	cum
	Column Footing F-2 =2*2nos	4.00	2.60	2.60	0.20	5.41	cum
	for open foundation (stone) C/C						
	=2*5.7+2*11.21-2.23+4*0.60	2.00	33.99	0.90	0.20	12.24	cum
	Less for common Column Footing F-1						
	=2*4nos	-8.00	2.30	0.90	0.20	-3.31	cum
	Less for common Column Footing F-2						
	=2*2nos	-4.00	2.60	0.90	0.20	-1.87	cum
	for open foundation (1/2 brick) C/C						
	=4.62+2.57+2*0.115+0.6+2.23+3.5+0.71						
	5+2.38+5.385+3.35+3.29+1.2+10*1.35	2.00	43.57	0.90	0.20	15.69	cum
	ver wall =10.85+1.5*2	2.00	13.85	0.90	0.20	4.99	cum
	ramp walls	4.00	3.00	0.90	0.20	2.16	cum
		2.00	4.50	0.90	0.20	1.62	cum
	drinking points	4.00	0.75	0.90	0.20	0.54	cum
		2.00	3.00	0.90	0.20	1.08	cum
	under floors.....					0.00	
	for both foors	2.00	10.50	5.70	0.20	23.94	cum
	ver wall =10.85+1.5*2	2.00	10.85	1.50	0.20	6.51	cum
	ramp walls	2.00	4.00	3.00	0.20	4.80	cum
	drinking points	2.00	3.00	0.75	0.20	0.90	cum
	Less for half brick wall	-2.00	40.74	0.23	0.20	-3.75	cum
	<u>Toilet Module 200sqm =3nos.</u>					0.00	
	Column Footing F-1 =3*2nos	6.00	2.00	2.00	0.20	4.80	cum
	Column Footing F-2 =3*12nos	36.00	2.60	2.60	0.20	48.67	cum
	Column Footing F-3 =3*2nos	6.00	1.70	3.58	0.20	7.30	cum
	Column Footing F-4 =3*2nos	6.00	2.30	2.30	0.20	6.35	cum
	External wall stone wall c/c						
	=2*2*16+2*2*5.5+2*3.35	3.00	92.70	0.90	0.20	50.06	cum
	Internal wall..stone =2*5.5	3.00	11.00	0.90	0.20	5.94	cum
	for open foundation (1/2 brick) C/C						
	=2*6.65+2*3.15+2*8*1.35+2*5.95+2*2.23						
	+1.6+2+2	3.00	63.16	0.90	0.20	34.11	cum
	ver wall =2*2.5+23.2	3.00	35.50	0.90	0.20	19.17	cum
	Less for common Column Footing F-1						
	=3*2nos	-6.00	2.00	0.90	0.20	-2.16	cum
	Less for common Column Footing F-2						
	=3*12nos	-36.00	2.60	0.90	0.20	-16.85	cum
	Less for common Column Footing F-3						
	=3*2nos	-6.00	1.70	0.90	0.20	-1.84	cum

I. No.	Item in Brief	No.	Length	Breadth	Height	Contents	unit
	Less for common Column Footing						
	=3*2nos	-6.00	2.30	0.90	0.20	-2.48	cum
	ramp walls	6.00	2.50	0.90	0.20	2.70	cum
					TOTAL	309.34	cum
					SAY	309.00	cum
4.00	Providing selected hard murum filling including laying in layers of 15 cm. to 20 cm. thick layers including watering and compacting etc. complete as directed by Engineer in charge						
	<u>10cm thick for grouting the stone soling</u>						
	<u>Toilet Module 50sqm =3nos</u>						
	Column Footing F-1 =3*4nos	12.00	2.00	2.00	0.10	4.80	cum
	Column Footing F-2 =3*2nos	6.00	2.60	2.60	0.10	4.06	cum
	Column Footing F-3 =3*2nos	6.00	2.80	1.70	0.10	2.86	cum
	for open foundation (stone) C/C						
	=11.65+2.1+0.8+2.65+9.3+2.65+0.8+2.1						
	+0.75+4*0.60	3.00	35.2	0.90	0.10	9.50	cum
	foundation internal (1 brick) C/C						
	=4.4+2*1+3.25+1.01+2*1.315+2*1.75	3.00	16.79	0.90	0.10	4.53	cum
	foundation internal (1/2 brick) C/C						
	=2*2.3+2*1.2+2*0.6	3.00	8.20	0.90	0.10	2.21	cum
	ramp walls	2.00	3.43	0.60	0.10	0.41	cum
	Less for common Column Footing F-1						
	=3*4nos	-12.00	2.00	0.90	0.10	-2.16	cum
	Column Footing F-2 =3*2nos	-6.00	2.60	0.90	0.10	-1.40	cum
	Column Footing F-3 =3*2nos	-6.00	1.70	0.90	0.10	-0.92	cum
	under floor..				0.10	0.00	
	for handicapped =2*1	6.00	2.00	1.75	0.10	2.10	cum
	men toilet..entry	3.00	3.66	1.15	0.10	1.26	cum
		3.00	3.66	3.25	0.10	3.57	cum
	less for wall	-3.00	4.05	0.23	0.10	-0.28	cum
	women...entry	3.00	2.45	1.15	0.10	0.85	cum
		3.00	2.45	3.25	0.10	2.39	cum
	less for wall	-3.00	1.00	0.23	0.10	-0.07	cum
	wc=3*2*2	12.00	1.20	1.20	0.10	1.73	cum
	ramp	3.00	1.20	1.80	0.10	0.65	cum
	drinking point	6.00	2.38	0.70	0.10	1.00	cum
	<u>Toilet Module 100sqm =2nos</u>						
	Column Footing F-1 =2*4nos	8.00	2.30	2.30	0.10	4.23	cum
	Column Footing F-2 =2*2nos	4.00	2.60	2.60	0.10	2.70	cum
	for open foundation (stone) C/C						
	=2*5.7+2*11.21-2.23+4*0.60	2.00	33.99	0.90	0.10	6.12	cum
	Less for common Column Footing F-1						
	=2*4nos	-8.00	2.30	0.90	0.10	-1.66	cum
	Less for common Column Footing F-2						
	=2*2nos	-4.00	2.60	0.90	0.10	-0.94	cum
	for open foundation (1/2 brick) C/C						
	=4.62+2.57+2*0.115+0.6+2.23+3.5+0.71						
	5+2.38+5.385+3.35+3.29+1.2+10*1.35	2.00	43.57	0.90	0.10	7.84	cum
	ver wall =10.85+1.5*2	2.00	13.85	0.90	0.10	2.49	cum
	ramp walls	4.00	3.00	0.90	0.10	1.08	cum
		2.00	4.50	0.90	0.10	0.81	cum
	drinking points	4.00	0.75	0.90	0.10	0.27	cum
		2.00	3.00	0.90	0.10	0.54	cum
	under floors.....				0.10	0.00	
	for both foors	2.00	10.50	5.70	0.10	11.97	cum

I. No.	Item in Brief	No.	Length	Breadth	Height	Contents	unit
	ver wall =10.85+1.5*2	2.00	10.85	1.50	0.10	3.26	cum
	ramp walls	2.00	4.00	3.00	0.10	2.40	cum
	drinking points	2.00	3.00	0.75	0.10	0.45	cum
	Less for half brick wall	-2.00	40.74	0.23	0.10	-1.87	cum
	<u>Toilet Module 200sqm =3nos.</u>					0.00	
	Column Footing F-1 =3*2nos	6.00	2.00	2.00	0.10	2.40	cum
	Column Footing F-2 =3*12nos	36.00	2.60	2.60	0.10	24.34	cum
	Column Footing F-3 =3*2nos	6.00	1.70	3.58	0.10	3.65	cum
	Column Footing F-4 =3*2nos	6.00	2.30	2.30	0.10	3.17	cum
	External wall stone wall c/c =2*2*16+2*2*5.5+2*3.35	3.00	92.70	0.90	0.10	25.03	cum
	Internal wall..stone =2*5.5	3.00	11.00	0.90	0.10	2.97	cum
	for open foundation (1/2 brick) C/C =2*6.65+2*3.15+2*8*1.35+2*5.95+2*2.23 +1.6+2+2	3.00	63.16	0.90	0.10	17.05	cum
	ver wall =2*2.5+23.2	3.00	35.50	0.90	0.10	9.59	cum
	ramp walls	6.00	2.50	0.90	0.10	1.35	cum
	Less for common Column Footing F-1 =3*2nos	-6.00	2.00	0.90	0.10	-1.08	cum
	Less for common Column Footing F-2 =3*12nos	-36.00	2.60	0.90	0.10	-8.42	cum
	Less for common Column Footing F-3 =3*2nos	-6.00	1.70	0.90	0.10	-0.92	cum
	Less for common Column Footing =3*2nos	-6.00	2.30	0.90	0.10	-1.24	cum
	add provisional qutty					5.00	cum
						TOTAL	159.67 cum
						SAY	160.00 cum
5.00	Providing and laying in situ cement concrete M-10/ 1:3:6 of trap/ granite/ quartzite/ gneiss metal for foundation and bedding including dewatering, formwork, compacting, roughening them if special finish is to be provided, finishing if required and curing etc.						
	<u>Toilet Module 50sqm =3nos</u>						
	Column Footing F-1 =3*4nos	12.00	2.00	2.00	0.10	4.80	cum
	Column Footing F-2 =3*2nos	6.00	2.60	2.60	0.10	4.06	cum
	Column Footing F-3 =3*2nos	6.00	2.80	1.70	0.10	2.86	cum
	for open foundation (stone) C/C =11.65+2.1+0.8+2.65+9.3+2.65+0.8+2.1 +0.75+4*0.60	3.00	35.2	0.90	0.10	9.50	cum
	foundation internal (1 brick) C/C =4.4+2*1+3.25+1.01+2*1.315+2*1.75	3.00	16.79	0.90	0.10	4.53	cum
	foundation internal (1/2 brick) C/C =2*2.3+2*1.2+2*0.6	3.00	8.20	0.90	0.10	2.21	cum
	ramp walls	2.00	3.43	0.60	0.10	0.41	cum
	Less for common Column Footing F-1 =3*4nos	-12.00	2.00	0.90	0.10	-2.16	cum
	Column Footing F-2 =3*2nos	-6.00	2.60	0.90	0.10	-1.40	cum
	Column Footing F-3 =3*2nos	-6.00	1.70	0.90	0.10	-0.92	cum
	under floor..				0.10	0.00	
	for handicapped =2*1	6.00	2.00	1.75	0.10	2.10	cum
	men toilet..entry	3.00	3.66	1.15	0.10	1.26	cum
		3.00	3.66	3.25	0.10	3.57	cum
	less for wall	-3.00	4.05	0.23	0.10	-0.28	cum
	women...entry	3.00	2.45	1.15	0.10	0.85	cum
		3.00	2.45	3.25	0.10	2.39	cum

I. No.	Item in Brief	No.	Length	Breadth	Height	Contents	unit
	less for wall	-3.00	1.00	0.23	0.10	-0.07	cum
	wc=3*2*2	12.00	1.20	1.20	0.10	1.73	cum
	ramp	3.00	1.20	1.80	0.10	0.65	cum
	drinking point	6.00	2.38	0.70	0.10	1.00	cum
	<u>Toilet Module 100sqm =2nos</u>					0.00	
	Column Footing F-1 =2*4nos	8.00	2.30	2.30	0.10	4.23	cum
	Column Footing F-2 =2*2nos	4.00	2.60	2.60	0.10	2.70	cum
	for open foundation (stone) C/C =2*5.7+2*11.21-2.23+4*0.60	2.00	33.99	0.90	0.10	6.12	cum
	Less for common Column Footing F-1 =2*4nos	-8.00	2.30	0.90	0.10	-1.66	cum
	Less for common Column Footing F-2 =2*2nos	-4.00	2.60	0.90	0.10	-0.94	cum
	for open foundation (1/2 brick) C/C =4.62+2.57+2*0.115+0.6+2.23+3.5+0.71 5+2.38+5.385+3.35+3.29+1.2+10*1.35	2.00	43.57	0.90	0.10	7.84	cum
	ver wall =10.85+1.5*2	2.00	13.85	0.90	0.10	2.49	cum
	ramp walls	4.00	3.00	0.90	0.10	1.08	cum
		2.00	4.50	0.90	0.10	0.81	cum
	drinking points	4.00	0.75	0.90	0.10	0.27	cum
		2.00	3.00	0.90	0.10	0.54	cum
	under floors.....				0.10	0.00	
	for both foors	2.00	10.50	5.70	0.10	11.97	cum
	ver wall =10.85+1.5*2	2.00	10.85	1.50	0.10	3.26	cum
	ramp walls	2.00	4.00	3.00	0.10	2.40	cum
	drinking points	2.00	3.00	0.75	0.10	0.45	cum
	Less for half brick wall	-2.00	40.74	0.23	0.10	-1.87	cum
	<u>Toilet Module 200sqm =3nos.</u>					0.00	
	Less for half brick wall	-2.00	40.74	0.23	0.10	-1.87	cum
	<u>Toilet Module 200sqm =3nos.</u>					0.00	
	Column Footing F-1 =3*2nos	6.00	2.00	2.00	0.10	2.40	cum
	Column Footing F-2 =3*12nos	36.00	2.60	2.60	0.10	24.34	cum
	Column Footing F-3 =3*2nos	6.00	1.70	3.58	0.10	3.65	cum
	Column Footing F-4 =3*2nos	6.00	2.30	2.30	0.10	3.17	cum
	External wall stone wall c/c =2*2*16+2*2*5.5+2*3.35	3.00	92.70	0.90	0.10	25.03	cum
	Internal wall..stone =2*5.5	3.00	11.00	0.90	0.10	2.97	cum
	for open foundation (1/2 brick) C/C =2*6.65+2*3.15+2*8*1.35+2*5.95+2*2.23 +1.6+2+2	3.00	63.16	0.90	0.10	17.05	cum
	ver wall =2*2.5+23.2	3.00	35.50	0.90	0.10	9.59	cum
	ramp walls	6.00	2.50	0.90	0.10	1.35	cum
	Less for common Column Footing F-1 =3*2nos	-6.00	2.00	0.90	0.10	-1.08	cum
	Less for common Column Footing F-2 =3*12nos	-36.00	2.60	0.90	0.10	-8.42	cum
	Less for common Column Footing F-3 =3*2nos	-6.00	1.70	0.90	0.10	-0.92	cum
	Less for common Column Footing =3*2nos	-6.00	2.30	0.90	0.10	-1.24	cum
	add provisional qutty					5.00	cum
						<u>120.71</u>	cum
						SAY 121.00	cum

I. No.	Item in Brief	No.	Length	Breadth	Height	Contents	unit
6.00	Filling in plinth and floors with contractor's soil, sand or murum in 15 cm. to 20 cm. layers including watering and compaction etc. complete.						
	Total back filling in foundation 33% of item no-1 add provisional qutty	0.33	1609.11			531.01 cum	
						10.00 cum	
						TOTAL 541.01 cum	
						SAY 541.00 cum	
7.00	Providing and laying in situ cement concrete Cu.M. M-20 of trap/ granite/ quartzite/ gneiss metal for reinforced cement concrete work in foundation like raft, grillages, strip foundation and footings of reinforced cement concrete columns and steel stanchion including bailing out water, form work, compaction and finishing, curing etc. complete. (Excluding steel reinforcement and structural steel) (7.60 Bag/ Cum.)						
	<u>Toilet Module 50sqm =3nos</u>						
	foundation...for columns base						
	Column Footing F-1 =3*4nos	12.00	1.80	1.80	0.35	13.61 cum	
	Column upto below the plinth beam	12.00	0.45	0.45	0.55	1.34 cum	
	Column Footing F-2 =3*2nos	6.00	2.40	2.40	0.40	13.82 cum	
	Column upto below the plinth beam	12.00	0.45	0.45	0.50	1.22 cum	
	Column Footing F-3 =3*2nos	6.00	1.50	2.60	0.35	8.19 cum	
	Column upto below the plinth beam	6.00	0.45	0.45	0.55	0.67 cum	
	<u>Toilet Module 100sqm =2nos</u>					0.00	
	Column Footing F-1 =2*4nos	8.00	2.10	2.10	0.35	12.35 cum	
	Column upto below the plinth beam	6.00	0.45	0.45	0.55	0.67 cum	
	Column Footing F-2 =2*2nos	4.00	2.40	2.40	0.40	9.22 cum	
	Column upto below the plinth beam	6.00	0.45	0.45	0.50	0.61 cum	
	<u>Toilet Module 200sqm =3nos.</u>					0.00	
	Column Footing F-1 =3*2nos	6.00	1.80	1.80	0.35	6.80 cum	
	Column upto below the plinth beam	6.00	0.45	0.45	0.55	0.67 cum	
	Column Footing F-2 =3*12nos	36.00	2.40	2.40	0.40	82.94 cum	
	Column upto below the plinth beam	36.00	0.45	0.45	0.55	4.01 cum	
	Column Footing F-3 =3*2nos	6.00	1.50	3.38	0.35	10.65 cum	
	Column upto below the plinth beam	12.00	0.45	0.45	0.55	1.34 cum	
	Column Footing F-4 =3*2nos	6.00	2.10	2.10	0.35	9.26 cum	
	Column upto below the plinth beam	6.00	0.45	0.45	0.55	0.67 cum	
	add provisional qutty					3.00 cum	
						TOTAL 181.02 cum	
						SAY 181.00 cum	

I. No.	Item in Brief	No.	Length	Breadth	Height	Contents	unit
8.00	Providing and casting in situ cement concrete M-20 of trap/ granite/ quartzite/ gneiss metal for reinforced cement concrete columns as per detailed designs and drawing, or as directed including centering, formwork, compacting and finishing the form surfaces with cement mortar 1:3 of sufficient minimum thickness, to give a smooth and even surface or roughening the surface Tf special finish is to be provided and curing etc. complete. (Excluding reinforcement) (7.60 Bag/ Cum.)						
	<u>Toilet Module 50sqm =3nos</u> columns=3*10	30.00	0.35	0.35	4.15	15.25 cum	
	<u>Toilet Module 100sqm =2nos</u> for columns =2*6nos	12.00	0.35	0.35	4.15	6.10 cum	0.00
	<u>Toilet Module 200sqm =3nos.</u> for columns =3*20nos add provisional qutty	60.00	0.35	0.35	4.15	30.50 cum	0.00
						1.50 cum	
						TOTAL	53.35 cum
						SAY	53.00 cum
9.00	Providing and casting in situ cement concrete M-20 of trap/ granite/ quartzite/ gneiss metal for reinforced cement concrete beams and lintels as per detailed designs and drawings, or as directed including, centering, form work, compaction and roughening the surface if special finishing to be provided and curing etc. complete. (Excluding reinforcement) (7.60 Bag / Cum.)						
	<u>Toilet Module 50sqm =3nos</u> for Plinth beams over stone wall C/C =11.65+2.1+0.8+2.65+9.3+2.65+0.8+2.1 +0.75+4*0.60	3.00	35.20	0.35	0.45	16.63 cum	
	for Plinth beams over stone 1 brickwall C/C =4.4+2*1+3.25+1.01+2*1.315+2*1.75	3.00	16.79	0.23	0.45	5.21 cum	
	for Plinth beams over stone 1/2 brickwall C/C =2*2.3+2*1.2+2*0.6	3.00	8.20	0.23	0.45	2.55 cum	
	for Lintel band over stone wall C/C =11.65+2.1+0.8+2.65+9.3+2.65+0.8+2.1 +0.75+4*0.60	3.00	35.20	0.35	0.30	11.09 cum	
	for Lintel band over 1 brickwall C/C =4.4+2*1+3.25+1.01+2*1.315+2*1.75	3.00	16.79	0.23	0.30	3.48 cum	
	for Lintel band over 1/2 brickwall C/C=2*2.3+2*1.2+2*0.6	3.00	8.20	0.12	0.20	0.59 cum	
	<u>Toilet Module 100sqm =2nos</u> for Plinth beams over stone wall =2*5.7+2*11.21-2.23+4*0.60	2.00	33.99	0.35	0.45	10.71 cum	0.00
	for Lintel band over stone wall =2*5.7+2*11.21-2.23+4*0.61	2.00	33.99	0.35	0.30	7.14 cum	

I. No.	Item in Brief	No.	Length	Breadth	Height	Contents	unit
	for Plinth beams over (1/2 brick) C/C =4.62+2.57+2*0.115+0.6+2.23+3.5+0.71 5+2.38+5.385+3.35+3.29+1.2+10*1.35	2.00	43.57	0.23	0.45	9.02	cum
	for Lintel band over 1/2 brickwall	2.00	43.57	0.12	0.30	3.14	cum
	for Plinth beams ver wall =10.85+1.5*2	2.00	13.85	0.23	0.30	1.91	cum
	for Plinth beams ramp walls	4.00	3.00	0.23	0.30	0.83	cum
		2.00	4.50	0.23	0.30	0.62	cum
	<u>Toilet Module 200sqm =3nos.</u>					0.00	
	for Plinth beams...External wall stone wall c/c =2*2*16+2*2*5.5+2*3.35	3.00	92.70	0.35	0.45	43.80	cum
	for Lintel band ...External wall stone wall c/c =2*2*16+2*2*5.5+2*3.36	3.00	92.70	0.35	0.30	29.20	cum
	for Plinth beams....Internal wall..stone =2*5.5	3.00	11.00	0.35	0.45	5.20	cum
	for Lintel band....Internal wall..stone =2*5.6	3.00	11.00	0.35	0.30	3.47	cum
	for Plinth beams.. open foundation 1/2 brick C/C =2*6.65+2*3.15+2*8*1.35+2*5.95+2*2.23 +1.6+2+2	3.00	63.16	0.23	0.45	19.61	cum
	for Lintel band.. open foundation 1/2 brick C/C =2*6.65+2*3.15+2*8*1.35+2*5.95+2*2.23 +1.6+2+3	3.00	63.16	0.35	0.30	19.90	cum
	for Plinth beams....ver wall =2*2.5+23.2	3.00	35.50	0.23	0.45	11.02	cum
	.for Plinth beams.....ramp walls	6.00	2.50	0.23	0.45	1.55	cum
	add provisional qutty					6.00	cum
						TOTAL	188.26 cum
						SAY	188.00 cum
10.00	Providing and casting in situ cement concrete Cu.M. M-20 of trap/ granite/ quartzite/ gneiss metal for reinforced cement concrete slabs and landings as per detailed designs and drawings, including, centering, form work, compacting and roughening the surface if special finish is to be provided and curing etc. complete. (Excluding reinforcement) (7.60 Bag/ Cum.)						
	<u>Toilet Module 50sqm =3nos</u>						
	for roof slab	3.00	9.65	2.65	0.15	11.51	cum
	for roof slab	3.00	11.25	2.35	0.15	11.90	cum
	over drinking point	6.00	2.80	0.60	0.15	1.51	cum
	<u>Toilet Module 100sqm =2nos</u>					0.00	
	for slab	2.00	11.21	6.40	0.15	21.52	cum
	over drinking point	4.00	3.10	0.60	0.15	1.12	cum
	<u>Toilet Module 200sqm =3nos.</u>					0.00	
	for all floor	6.00	14.70	5.50	0.15	72.77	cum
		6.00	3.85	1.65	0.15	5.72	cum
	Less cut	-6.00	4.00	2.60	0.15	-9.36	cum
	for projected roof at allround	3.00	92.70	0.60	0.12	20.02	cum
	add provisional qutty					3.00	cum
						TOTAL	139.70 cum
						SAY	140.00 cum

I. No.	Item in Brief	No.	Length	Breadth	Height	Contents	unit
11.00	Providing and laying HYSD bars with cement polymer composite coating (CPCC) anticorrosive epoxy treatment for reinforcement for structure including cutting, bending hooking by machine, trying in position including binding wire, spacers, chairs, cover blocks as per detailed drawing including all leads and lifts etc. complete.						
	l/no- 7 foundation and footings	181.02	@	80.00	Kg/m	14481.60	Kg
	l/no- 8 columns	53.35	@	110.00	Kg/m	5868.97	Kg
	l/no- 9 beams and lintels	188.26	@	100.00	Kg/m	18826.06	Kg
	l/no- 10 slab	139.70	@	90.00	Kg/m	12573.10	Kg
						TOTAL	51749.73 Kg
						SAY	51.75 M.T
12.00	Providing second class burnt Brick masonry with conventional / Indian Standard type bricks in cement mortar 1:6 in superstructure including striking joints, raking out joints, watering and scaffolding complete.						
	<u>Toilet Module 50sqm =3nos</u>						
	brick wall over stone wall C/C						
	=11.65+2.1+0.8+2.65+9.3+2.65+0.8+2.1+0.75+4*0.60	3.00	35.20	0.35	1.50	55.44	cum
	1 brickwall C/C						
	=4.4+2*1+3.25+1.01+2*1.315+2*1.75	3.00	16.79	0.23	2.40	27.80	cum
	parapet wall						
	c/c=11.65+2.1+0.8+2.65+9.3+2.65+0.8+2.1+0.75+4*0.60	3.00	35.20	0.23	0.75	18.22	cum
	less for door openingsD-1	-6.00	0.90	0.35	0.60	-1.13	cum
	less for door openingsD-3	-6.00	1.00	0.23	0.60	-0.83	cum
	less for Ventilator/W openings=3*5	-15.00	0.80	0.35	0.60	-2.52	cum
						0.00	
	<u>Toilet Module 100sqm =2nos</u>						
	for stone above1.50m =2*5.7+2*11.21-2.23+4*0.60	2.00	33.99	0.23	1.50	23.45	cum
	parapet wall c/c						
	=2*4.63+2*2*0.8+2*0.6+2*9.71+6*0.8	2.00	33.90	0.23	0.75	11.70	cum
	less for door openingsD-1	-2.00	1.00	0.23	0.60	-0.28	cum
						0.00	
	<u>Toilet Module 200sqm =3nos.</u>						
	for stone above1.50m C/C						
	=2*2*16+2*2*5.5+2*3.35	3.00	92.70	0.23	1.50	95.94	cum
	for stone above1.50m C/C Internal						
	wall..stone =2*5.5	3.00	11.00	0.23	1.50	11.39	cum
	parapet wall c/c	3.00	92.70	0.23	0.75	47.97	cum
	Less for Door D1	-6.00	1.10	0.23	0.60	-0.91	cum
	Less for Door D3	-9.00	1.00	0.23	0.60	-1.24	cum
	opening	-3.00	1.43	0.23	0.60	-0.59	cum
		-3.00	1.29	0.23	0.60	-0.53	cum
		-3.00	1.69	0.23	0.60	-0.70	cum
		-3.00	1.20	0.23	0.60	-0.50	cum
	Less for column	-60.00	0.35	0.35	1.50	-11.03	cum
	add provisional qutty					12.00	cum
						TOTAL	200.41 cum
						SAY	200.00 cum

I. No.	Item in Brief	No.	Length	Breadth	Height	Contents	unit
13.00	Providing second class burnt Brick masonry with conventional / Indian Standard type bricks in cement mortar 1:4 in half brick thick wall including mild steel longitudinal reinforcement of 2 bars of 6 mm. diameter at every third course, properly bent and bounded at ends including scaffolding, raking out joints and watering complete.						
	add provisional qutty					15.00	sqm
						TOTAL	15.00 sqm
						SAY	15.00 sqm
14.00	Providing uncoursed rubble masonry of trap/ granite/ quartzite/ gneiss stones in cement mortar 1:6 in foundation and plinth of inner walls / in plinth of external walls including bailing out water manually, striking joints on unexposed faces and watering complete						
	<u>Toilet Module 50sqm =3nos</u>						
	for open foundation (stone) C/C						
	=11.65+2.1+0.8+2.65+9.3+2.65+0.8+2.1						
	+0.75+4*0.60	3.00	35.20	0.75	0.30	23.76	cum
		3.00	35.20	0.60	0.30	19.01	cum
		3.00	35.20	0.45	0.30	14.26	cum
	foundation internal (1 brick) C/C						
	=4.4+2*1+3.25+1.01+2*1.315+2*1.75	3.00	16.79	0.75	0.30	11.33	cum
		3.00	16.79	0.60	0.30	9.07	cum
		3.00	16.79	0.45	0.30	6.80	cum
	foundation internal (1/2 brick) C/C						
	=2*2.3+2*1.2+2*0.6	3.00	8.20	0.75	0.30	5.54	cum
		3.00	8.20	0.60	0.30	4.43	cum
		3.00	8.20	0.45	0.30	3.32	cum
	Less for column=3*10nos.	-30.00	0.45	0.45	0.90	-5.47	cum
	<u>Toilet Module 100sqm =2nos</u>						0.00
	for open foundation (stone) C/C						
	=2*5.7+2*11.21-2.23+4*0.60	2.00	33.99	0.75	0.30	15.30	cum
		2.00	33.99	0.60	0.30	12.24	cum
		2.00	33.99	0.45	0.30	9.18	cum
	for open foundation (1/2 brick) C/C						
	=4.62+2.57+2*0.115+0.6+2.23+3.5+0.71						
	5+2.38+5.385+3.35+3.29+1.2+10*1.35	2.00	43.57	0.75	0.30	65.36	sqm
		2.00	43.57	0.60	0.30	52.28	sqm
		2.00	43.57	0.45	0.30	39.21	sqm
	Less for column	-12.00	0.45	0.45	0.90	-2.19	cum
	ver wall =10.85+1.5*2	2.00	13.85	0.75	0.30	6.23	cum
		2.00	13.85	0.60	0.30	4.99	cum
		2.00	13.85	0.45	0.30	3.74	cum
	ramp walls	4.00	3.00	0.75	0.30	2.70	cum
		4.00	3.00	0.60	0.30	2.16	cum
		4.00	3.00	0.45	0.30	1.62	cum
		2.00	4.50	0.75	0.30	2.03	cum
		2.00	4.50	0.60	0.30	1.62	cum
		2.00	4.50	0.45	0.30	1.22	cum
	drinking points	4.00	0.75	0.75	0.30	0.68	cum
		4.00	0.75	0.60	0.30	0.54	cum

I. No.	Item in Brief	No.	Length	Breadth	Height	Contents	unit
		4.00	0.75	0.45	0.30	0.41	cum
		2.00	3.00	0.75	0.30	1.35	cum
		2.00	3.00	0.60	0.30	1.08	cum
		2.00	3.00	0.45	0.30	0.81	cum
	<u>Toilet Module 200sqm =3nos.</u>					0.00	
	for open foundation (stone) External wall stone wall c/c =2*2*16+2*2*5.5+2*3.35	3.00	92.70	0.75	0.30	62.57	cum
		3.00	92.70	0.60	0.30	50.06	cum
		3.00	92.70	0.45	0.30	37.54	cum
	for open foundation (stone) Internal wall..stone =2*5.5	3.00	11.00	0.75	0.30	7.43	cum
		3.00	11.00	0.60	0.30	5.94	cum
		3.00	11.00	0.45	0.30	4.46	cum
	for open foundation (1/2 brick) C/C =2*6.65+2*3.15+2*8*1.35+2*5.95+2*2.23+1.6+2+2	3.00	63.16	0.75	0.30	42.63	cum
		3.00	63.16	0.60	0.30	34.11	cum
		3.00	63.16	0.45	0.30	25.58	cum
	for open foundation (stone) ver wall =2*2.5+23.2	3.00	35.50	0.75	0.30	23.96	cum
		3.00	35.50	0.60	0.30	19.17	cum
		3.00	35.50	0.45	0.30	14.38	cum
	for open foundation (stone) ramp walls	6.00	2.50	0.75	0.30	3.38	cum
		6.00	2.50	0.60	0.30	2.70	cum
		6.00	2.50	0.45	0.30	2.03	cum
	Less for column	-60.00	0.45	0.45	0.55	-6.68	cum
	add provisional qutty					15.00	cum
						TOTAL	561.31 cum
						SAY	561.00 cum

15.00 Providing coursed rubble masonry first sort of trap/ granite/ quartzite/ gneiss stones in cement mortar 1:6 in external wall of plinth including bailing out water manually, striking joints inside and watering.

	<u>Toilet Module 50sqm =3nos</u>						
	for open foundation (stone) C/C =11.65+2.1+0.8+2.65+9.3+2.65+0.8+2.1+0.75+4*0.60	3.00	35.20	0.35	0.30	11.09	cum
	Less for column	-30.00	0.35	0.35	0.30	-1.10	cum
	ramp walls	6.00	1.50	0.35	0.30	0.95	cum
	<u>Toilet Module 100sqm =2nos</u>					0.00	
	0.3m below plinth beam C/C =2*5.7+2*11.21-2.23+4*0.60	2.00	33.99	0.35	0.30	7.14	cum
	0.3m below plinth beam 1/2 brick C/C =4.62+2.57+2*0.115+0.6+2.23+3.5+0.71+5+2.38+5.385+3.35+3.29+1.2+10*1.35	2.00	43.57	0.35	0.30	9.15	cum
	0.3m below plinth beam...ver wall =10.85+1.5*2	2.00	13.85	0.35	0.30	2.91	cum
	0.3m below plinth beam....ramp walls	4.00	3.00	0.35	0.30	1.26	cum
		2.00	4.50	0.35	0.30	0.95	cum
	0.3m below plinth beam...drinking points	4.00	0.75	0.35	0.30	0.32	cum
		2.00	3.00	0.35	0.30	0.63	cum
	<u>Toilet Module 200sqm =3nos.</u>					0.00	

I. No.	Item in Brief	No.	Length	Breadth	Height	Contents	unit
	0.3m below plinth beam... External wall stone wall c/c =2*2*16+2*2*5.5+2*3.35	3.00	92.70	0.35	0.30	29.20	cum
	Internal wall..stone =2*5.5	3.00	11.00	0.35	0.30	3.47	cum
	0.3m below plinth beam... 1/2 brick C/C =2*6.65+2*3.15+2*8*1.35+2*5.95+2*2.23 +1.6+2+2	3.00	63.16	0.35	0.30	19.90	cum
	0.3m below plinth beam...ver wall =2*2.5+23.2	3.00	35.50	0.35	0.30	11.18	cum
	0.3m below plinth beam... ramp walls	6.00	2.50	0.35	0.30	1.58	cum
	Less for column	-60.00	0.45	0.45	0.30	-3.65	cum
	add provisional qutty					10.00	cum
						TOTAL	93.86 cum
						SAY	94.00 cum
16.00	Providing coursed rubble masonry first sort of trap/ granite/ quartzite/ gneiss stones in cement mortar 1:6 in superstructure including raking out joints on the inside when plastering is to be done, watering and scaffolding.						
	<u>Toilet Module 50sqm =3nos</u> for open foundation (stone) C/C =11.65+2.1+0.8+2.65+9.3+2.65+0.8+2.1 +0.75+4*0.60	3.00	35.20	0.35	1.50	55.44	cum
	less for door openingsD-1=3*2	-6.00	0.90	0.35	1.50	-2.84	cum
	less for door openingsD-3=3*2	-6.00	1.00	0.35	1.50	-3.15	cum
	Less for column	-30.00	0.35	0.35	0.30	-1.10	cum
	<u>Toilet Module 100sqm =2nos</u> for open foundation (stone) C/C =2*5.7+2*11.21-2.23+4*0.60	3.00	33.99	0.35	1.50	53.53	cum
	less for door opening	-12.00	1.00	0.35	1.50	-6.30	cum
	<u>Toilet Module 200sqm =3nos.</u>					0.00	
	0.3m below plinth beam... External wall stone wall c/c =2*2*16+2*2*5.5+2*3.35	3.00	92.70	0.35	1.50	146.00	cum
	Internal wall..stone =2*5.5	3.00	11.00	0.35	1.50	17.33	cum
	Less for Door D1	-6.00	1.10	0.35	1.50	-3.47	cum
	Less for Door D3	-9.00	1.00	0.35	1.50	-4.73	cum
	opening	-3.00	1.43	0.35	1.50	-2.25	cum
		-3.00	1.29	0.35	1.50	-2.03	cum
		-3.00	1.69	0.35	1.50	-2.66	cum
		-3.00	1.20	0.35	1.50	-1.89	cum
	add provisional qutty					5.00	cum
						TOTAL	191.45 cum
						SAY	191.00 cum

17.00 Providing and fixing solid core flush door commercial in single leaf 35 mm. thick without ventilator commercial type of exterior grade as per etailed drawing including non teak seasoned wood door frame 60 mm. X 100 mm. with wrought iron hold fast, aluminium fixtures and fastenings and handles on both sides and finishing with oil painting three coats complete.

I. No.	Item in Brief	No.	Length	Breadth	Height	Contents	unit
	<u>Toilet Module 50sqm =3nos</u>						
	Main door D-1=3*2	6.00	1.00	2.10		12.60 sqm	
	<u>Toilet Module 100sqm =2nos</u>					0.00	
	Main door D-1=3*2*	2.00	1.00	2.10		4.20 sqm	
	<u>Toilet Module 200sqm =3nos.</u>					0.00	
	Main door D1	6.00	1.10	2.10	1.50	13.86 sqm	
	add provisional qutty					5.00 sqm	
						TOTAL	35.66 sqm
						SAY	36.00 sqm

18.00 Providing and fixing steel window of various sizes as per detailed drawings fabricated from I.S. standard sections without hot dip zinc coating without/ with ventilator including fabrication, glazing with non-acetic/ plain/ obscured glass panels of-approved type and quality, all fixtures and fastening without teak wood boxing, and architraves and finishing with one coat of primer complete with guard bars 12 mm. square bar 10 cm. centra to centre.

	<u>Toilet Module 50sqm =3nos</u>						
	for ventilator	15.00	0.80	0.60		7.20 sqm	
	<u>Toilet Module 100sqm =2nos</u>					0.00	
	for ventilator =2*4	8.00	0.95	0.75		5.70 sqm	
	<u>Toilet Module 200sqm =3nos.</u>					0.00	
	for ventilator =3*2*6	36.00	0.95	0.75		25.65 sqm	
						TOTAL	38.55 sqm
						SAY	39.00 sqm

19.00 Providing and fixing in position P.V.C. door shutters of standard size with P.V.C. shutters frame section of 60 mm. X 24 mm. panelled with multi chambered hollow plastic section of 200mm. X 20 mm. / 75 mm. X 20 mm with tongue and groove joint including all aluminium fixtures and fastenings as per detailed drawing as directed.

	<u>Toilet Module 50sqm =3nos</u>						
	Handicapped door D-1=3*2	6.00	0.90	2.10		11.34 sqm	
	W.C. for door D-2	12.00	0.75	2.10		18.90 sqm	
	Jaintor room for door D-3	6.00	0.50	2.10		6.30 sqm	
	<u>Toilet Module 100sqm =2nos</u>					0.00	
	door for WC'S	24.00	0.75	2.10		37.80 sqm	
	<u>Toilet Module 200sqm =3nos.</u>					0.00	
	door for WC'S =3*18	54.00	0.75	2.10		85.05 sqm	
						TOTAL	159.39 sqm
						SAY	159.00 sqm

I. No.	Item in Brief	No.	Length	Breadth	Height	Contents	unit
20.00	Providing and laying in required positions on wall or flooring of broken China mosaic (broken pieces of china) of approved colour and pattern on a bedding of 20 mm. thick 1:4 cement mortar with water proofing compound including neat cement float, giving proper slopes, compacting, curing and finishing complete						
	<u>Toilet Module 50sqm =3nos</u>						
	for provisional qutty	3.00	2.00	sqm		6.00	sqm
	<u>Toilet Module 100sqm =2nos</u>					0.00	sqm
	for provisional qutty	2.00	2.00	sqm		4.00	sqm
	<u>Toilet Module 200sqm =2nos.</u>					0.00	sqm
	for provisional qutty	3.00	5.00	sqm		15.00	sqm
						TOTAL	25.00 sqm
						SAY	25.00 sqm
21.00	Providing and laying polished Shahabad Stone Flooring 25 mm. to 30 mm thick and 45 cm wide in plain/ diamond pattern on a bed of 1:6 cement mortar including cement float, filling joints with cement slurry, cutting, polishing and						
	<u>Toilet Module 50sqm =3nos</u>						
	for handicapped =2*1	6.00	2.00	1.75		21.00	sqm
	men toilet..entry	3.00	3.66	1.15		12.63	sqm
		3.00	3.66	3.25		35.69	sqm
	less for wall	-3.00	4.05	0.23		-2.79	sqm
	women...entry	3.00	2.45	1.15		8.45	sqm
		3.00	2.45	3.25		23.89	sqm
	less for wall	-3.00	1.00	0.23		-0.69	sqm
	wc=3*2*2	12.00	1.20	1.20		17.28	sqm
	ramp	3.00	1.20	1.80		6.48	sqm
	drinking point	6.00	2.38	0.70		10.00	sqm
	door sill .. Handicapped	8.00	1.00	0.35		2.80	sqm
	for wc door	12.00	1.00	0.15		1.80	sqm
	for jainitor	6.00	0.50	0.15		0.45	sqm
	for door	12.00	1.00	0.35		4.20	sqm
	<u>Toilet Module 100sqm =2nos</u>					0.00	
	for both floors	2.00	10.51	5.70		119.81	sqm
	add door sills	24.00	0.75	0.15		2.70	sqm
		2.00	1.00	0.15		0.30	sqm
		2.00	1.20	0.25		0.60	sqm
	less for half brick wall	-2.00	43.57	0.12		-10.46	sqm
	for ver	2.00	11.20	1.50		33.60	sqm
	ramp	2.00	3.00	4.50		27.00	sqm
	drinking point	2.00	3.00	0.75		4.50	sqm
	<u>Toilet Module 200sqm =3nos.</u>					0.00	
	for all floor	6.00	14.00	5.15		432.60	sqm
		6.00	3.15	1.65		31.19	sqm
	less 1/2 brick wall	-3.00	63.16	0.12		-22.74	sqm
	add door sills	54.00	0.75	0.15		6.08	sqm
		6.00	1.10	0.35		2.31	sqm
		9.00	1.00	0.35		3.15	sqm
	ver +ramp	3.00	23.96	2.50		179.70	sqm
		3.00	4.50	3.00		40.50	sqm
	add provisional qutty					30.00	sqm
						TOTAL	890.09 sqm

I. No.	Item in Brief	No.	Length	Breadth	Height	Contents	unit
						SAY	890.00 sqm
22.00	Providing and laying sills, counters, polished Kadappa Stone Flooring 25 mm. to 30 mm thick on a bed of 1:4 cement mortar including cement float, filling joints with cement slurry, cutting, polishing and cleaning complete.						
	<u>Toilet Module 50sqm =3nos</u>						
	for counters & wash through	6.00	3.00	0.75			13.50 sqm
	on wall	9.00	3.00	1.50			40.50 sqm
	Dinking water point on walls	6.00	2.80	2.50			42.00 sqm
	<u>Toilet Module 100sqm =2nos</u>						0.00
	for counters & wash through	2.00	3.50	0.75			5.25 sqm
		2.00	3.50	0.75			5.25 sqm
	on wall	4.00	3.00	1.50			18.00 sqm
	<u>Toilet Module 200sqm =3nos.</u>						0.00
	for counters & wash through	6.00	4.00	0.75			18.00 sqm
		6.00	4.00	0.75			18.00 sqm
	on wall	6.00	3.00	1.50			27.00 sqm
		6.00	0.95	0.75			5.70 sqm
	TOTAL						193.20 sqm
	SAY						193.00 sqm
23.00	Providing and laying Rough Shahabad Stone Flooring 25 mm. to 30 mm.-thick and of required width in plain/ diamond pattern on a bed of 1:6 cement mortar including cement float, striking joints,pointing in cement mortar 1:3 curing and cleaning etc. complete.						
	<u>Toilet Module 50sqm =3nos</u>						
	Front area paving with toilet	3.00	15.00	1.50			67.50 sqm
	<u>Toilet Module 100sqm =2nos</u>						0.00 sqm
	Front area paving with toilet	2.00	15.00	1.50			45.00 sqm
	<u>Toilet Module 200sqm =3nos.</u>						0.00
	shaft area	3.00	5.50	3.00			16.50 sqm
	Front and back area paving with toilet	6.00	23.96	2.50			359.40 sqm
	TOTAL						488.40 sqm
	SAY						488.00 sqm
24.00	Providing internal cement plaster 12 mm. thick in single coat in cement mortar 1:5 without neeru finishing to concrete or brick surfaces, in all positions including scaffolding and curing complete.						
	<u>Toilet Module 50sqm =3nos</u>						
	for External wall				side		
	for brick C/C						
	=11.65+2.1+0.8+2.65+9.3+2.65+0.8+2.1+0.75+4*0.6	3.00	35.20	1.50	2.00		316.80 cum
	foundation internal (1 brick) C/C						
	=4.4+2*1+3.25+1.01+2*1.315+2*1.75	3.00	16.79	2.40	2.00		241.78 cum
	foundation internal (1/2 brick) C/C						
	=2*2.3+2*1.2+2*0.6	3.00	8.20	2.40	2.00		118.08 cum
	inside of parapet wall	3.00	35.20	0.90	2.00		190.08 sqm
	ramp walls	6.00	1.50	0.60	1.00		5.40 sqm

I. No.	Item in Brief	No.	Length	Breadth	Height	Contents	unit
	<u>Toilet Module 100sqm =2nos</u>						0.00 sqm
	for stone /brick wall C/C =2*5.7+2*11.21- 2.23+4*0.60	2.00	33.99	1.50	2.00	203.94	sqm
	parapet wall c/c= =2*10.85+2*6.4 for 1/2 brick C/C	2.00	33.99	0.90	2.00	122.36	sqm
	=4.62+2.57+2*0.115+0.6+2.23+3.5+0.71 5+2.38+5.385+3.35+3.29+1.2+10*1.35	2.00	43.57	2.40	1.00	209.14	sqm
	ver wall =10.85+1.5*2	2.00	13.85	0.45	1.00	12.47	sqm
	ramp walls	4.00	3.00	0.75	1.00	9.00	sqm
		2.00	4.50	0.45	1.00	4.05	sqm
	<u>Toilet Module 200sqm =3nos.</u>						0.00
	for 1/2 brick C/C						
	=2*6.65+2*3.15+2*8*1.35+2*5.95+2*2.23 +1.6+2+3	3.00	63.16	2.40	2.00	909.50	sqm
	Less for D2 door	-54.00	0.75	2.10	2.00	-170.10	sqm
	for stone above1.50m C/C						
	=2*2*16+2*2*5.5+2*3.35	3.00	92.70	3.80	1.00	1056.78	cum
		3.00	92.70	1.50	1.00	417.15	cum
	Less for D2 door	-9.00	1.00	2.10	1.00	-18.90	sqm
	parapet wall c/c= =2*10.85+2*6.4	3.00	92.70	0.90	2.00	500.58	sqm
	add provisional qutty					30.00	sqm
						TOTAL	3481.45 sqm
						SAY	3481.00 sqm

25.00 Providing internal cement plaster 20 mm. thick in two coats in cement mortar 1:4 without neeru finish to concrete, brick surface, in all positions including scaffolding and curing complete.

	<u>Toilet Module 50sqm =3nos</u>						side
	for stone above1.50 m C/C						
	=11.65+2.1+0.8+2.65+9.3+2.65+0.8+2.1 +0.75+4*0.6	3.00	35.20	1.50	1.00	158.40	sqm
	for drinking area	6.00	3.50	3.00	1.00	63.00	sqm
	<u>Toilet Module 100sqm =2nos</u>						0.00
	for stone wall C/C =2*5.7+2*11.21- 2.23+4*0.60	2.00	33.99	1.50	1.00	101.97	sqm
	for 1/2 brick C/C						
	=4.62+2.57+2*0.115+0.6+2.23+3.5+0.71 5+2.38+5.385+3.35+3.29+1.2+10*1.35	2.00	43.57	2.40	1.00	209.14	sqm
	<u>Toilet Module 200sqm =3nos.</u>						0.00 sqm
	for stone C/C =2*2*16+2*2*5.5+2*3.35	3.00	92.70	1.50	1.00	417.15	sqm
		3.00	92.70	1.50	1.00	417.15	sqm
	Less for D2 door	-9.00	1.00	1.50	0.50	-6.75	sqm
	ver +ramp	3.00	23.96	0.75	1.00	53.91	sqm
		6.00	2.50	0.75	1.00	11.25	sqm
		3.00	10.50	0.75		23.63	sqm
	add provisional qutty					100.00	sqm
						TOTAL	1548.84 sqm
						SAY	1549.00 sqm

26.00 Providing flush grooved pointing with cement mortar 1:3 for stone masonry work including scaffolding and curing complete.

Toilet Module 50sqm =3nos side

I. No.	Item in Brief	No.	Length	Breadth	Height	Contents	unit
	for External face of stone above 1.50 m C/C =11.65+2.1+0.8+2.65+9.3+2.65+0.8+2.1+0.75+4*0.6	3.00	35.20	2.00	1.00	211.20 sqm	
	<u>Toilet Module 100sqm =2nos</u>					0.00 sqm	
	for stone wall C/C =2*5.7+2*11.21-2.23+4*0.60	2.00	33.99	1.50	1.00	101.97 sqm	
	<u>Toilet Module 200sqm =3nos.</u>					0.00	
	for stone C/C =2*2*16+2*2*5.5+2*3.35	3.00	92.70	1.50	1.00	417.15 cum	
		3.00	92.70	1.50	1.00	417.15 cum	
	Less for D2 door	-9.00	1.00	1.50	0.50	-6.75 sqm	
	add provisional qutty					50.00 sqm	
						TOTAL 1190.72 sqm	
						SAY 1191.00 sqm	

27.00 Providing and fixing white glazed tiles of first quality of approved various size and about 5 to 6 mm. thick for dado and skirting in required positions on plaster of 1:4 cement mortar (excluding all specials required like round corner tiles, angles, cups etc.) filling joints, with white cement slurry, curing and cleaning complete.

	<u>Toilet Module 50sqm =3nos</u>					side	
	for stone C/C =11.65+2.1+0.8+2.65+9.3+2.65+0.8+2.1+0.75+4*0.6	3.00	35.20	2.10	1.00	221.76 sqm	
	foundation internal (1 brick) C/C =4.4+2*1+3.25+1.01+2*1.315+2*1.75	3.00	16.79	2.40	2.00	241.78 cum	
	foundation internal (1/2 brick) C/C =2*2.3+2*1.2+2*0.6	3.00	8.20	2.40	2.00	118.08 cum	
	for drinking area	6.00	3.50	3.00	1.00	63.00 sqm	
	for wc door	-12.00	1.00	2.10	1.00	-25.20 sqm	
	Less for Hand wash area on wall	-6.00	3.00	1.50	1.00	-27.00 sqm	
	<u>Toilet Module 100sqm =2nos</u>					0.00	
	for stone wall C/C =2*5.7+2*11.21-2.23+4*0.60	2.00	33.99	2.10	1.00	142.76 sqm	
	for 1/2 brick C/C =4.62+2.57+2*0.115+0.6+2.23+3.5+0.71	2.00	43.57	2.10	1.00	182.99 sqm	
	5+2.38+5.385+3.35+3.29+1.2+10*1.35						
	door for WC'S	-24.00	0.75	2.10	1.00	-37.80 sqm	
		-2.00	1.00	2.10	1.00	-4.20 sqm	
	Less for Hand wash area on wall	-4.00	3.00	1.50	1.00	-18.00 sqm	
	<u>Toilet Module 200sqm =3nos.</u>					0.00	
	for 1/2 brick C/C =2*6.65+2*3.15+2*8*1.35+2*5.95+2*2.23	3.00	63.16	2.40	2.00	909.50 sqm	
	+1.6+2+3						
	Less for D2 door	-54.00	0.75	2.10	2.00	-170.10 sqm	
	for stone above 1.50m C/C =2*2*16+2*2*5.5+2*3.35	3.00	92.70	2.40	1.00	667.44 cum	
		3.00	92.70	2.40	1.00	667.44 cum	
	Less for D2 door	-9.00	1.00	2.10	1.00	-18.90 sqm	
	add provisional qutty					30.00 sqm	
						TOTAL 2943.55 sqm	
						SAY 2944.00 sqm	

I. No.	Item in Brief	No.	Length	Breadth	Height	Contents	unit
28.00	Providing and applying three coats of water proof cement paint of approved manufacture and of approved colour to the plastered surfaces including scaffolding if necessary, cleaning and preparing the surface, watering for two days complete						
	<u>Toilet Module 50sqm =3nos</u>						
	for External wall						
	for brick C/C						
	=11.65+2.1+0.8+2.65+9.3+2.65+0.8+2.1						
	+0.75+4*0.6	3.00	35.20	1.50		158.40 sqm	
	inside of parapet wall	3.00	35.20	1.80		190.08 sqm	
	ramp walls	6.00	1.50	0.60		5.40 sqm	
	<u>Toilet Module 100sqm =2nos</u>					0.00	
	for brick wall C/C =2*5.7+2*11.21-						
	2.23+4*0.60	2.00	33.99	1.50		101.97 sqm	
	parapet wall c/c= =2*10.85+2*6.4	2.00	33.99	2.00		135.96 sqm	
	ver wall =10.85+1.5*2	2.00	13.85	0.45		12.47 sqm	
	drinking points	4.00	0.75	0.45		1.35 sqm	
		2.00	3.00	0.45		2.70 sqm	
	<u>Toilet Module 200sqm =3nos.</u>					0.00	
	for External face C/C						
	=2*2*16+2*2*5.5+2*3.35	3.00	92.70	2.40		667.44 sqm	
		3.00	92.70	2.40		667.44 sqm	
	Less for D2 door	-9.00	1.00	2.10		-18.90 sqm	
	parapet wall c/c= =2*10.85+2*6.4	3.00	92.70	2.00		556.20 sqm	
	ver +ramp	3.00	23.96	0.75		53.91 sqm	
		6.00	2.50	0.75		11.25 sqm	
		3.00	10.50	0.75		23.63 sqm	
	add provisional qutty					100.00 sqm	
						TOTAL	2669.29 sqm
						SAY	2669.00 sqm
29.00	Providing and applying three coat of synthetic enamel paint of approved colour to new structural steel work and wood work in buildings including scaffolding if necessary, cleaning and preparing the surface (excluding primer coat) complete.						
	<u>Toilet Module 50sqm =3nos</u>						
	for main door D-1 =3*2nos	6.00	1.00	2.10	2.60	32.76 sqm	
	Ventilator	15.00	0.80	0.60	1.00	7.20 sqm	
	<u>Toilet Module 100sqm =2nos</u>					0.00	
	for main door D-1 =2*1nos	2.00	1.00	2.10	2.60	10.92 sqm	
	Ventilator	6.00	1.50	0.75	1.00	6.75 sqm	
	<u>Toilet Module 200sqm =3nos.</u>					0.00	
	for main door D-1 =3*2nos	6.00	1.10	2.10	2.60	36.04 sqm	
	for main door D-2 =3*3nos	9.00	1.00	2.10	2.60	49.14 sqm	
	for ventilator =3*2*6	36.00	0.95	0.75	1.00	25.65 sqm	
						TOTAL	168.46 sqm
						SAY	168.00 sqm

I. No.	Item in Brief	No.	Length	Breadth	Height	Contents	unit
30.00	Providing and applying priming coat over new steel and other metal surfaces including preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign material and scoured with wire brushes, fine steel wool, scrappers, and sand paper, scaffolding etc.complete.						
	<u>Toilet Module 50sqm =3nos</u>						
	Ventilator	15.00	0.80	0.60	1.00	7.20 sqm	
	<u>Toilet Module 100sqm =2nos</u>					0.00	
	for main door D-1 =2*1nos	2.00	1.00	2.10	2.60	10.92 sqm	
	Ventilator	6.00	1.50	0.75	1.00	6.75 sqm	
	<u>Toilet Module 200sqm =3nos.</u>					0.00	
	for main door D-1 =3*2nos	6.00	1.10	2.10	2.60	36.04 sqm	
	for main door D-2 =3*3nos	9.00	1.00	2.10	2.60	49.14 sqm	
	for ventilator =3*2*6	36.00	0.95	0.75	1.00	25.65 sqm	
	TOTAL					135.70 sqm	
	SAY					136.00 sqm	
31.00	Providing and applying white-wash in two coats on old/ new plastered or masonry surfaces and asbestos cement sheets including scaffolding and preparing the surface by brushing and brooming down complete.						
	<u>Toilet Module 50sqm =3nos</u>						
	ceiling	3.00	9.74	1.75		51.14 sqm	
	ceiling	3.00	8.95	2.60		69.81 sqm	
	over drinking point	3.00	2.38	1.00		7.14 sqm	
	<u>Toilet Module 100sqm =2nos</u>					0.00	
	ceiling	2.00	10.50	5.70		119.70 sqm	
	<u>Toilet Module 200sqm =3nos.</u>					0.00	
	Over roof	6.00	14.00	5.15		432.60 sqm	
	for 1/2 brick C/C						
	=2*6.65+2*3.15+2*8*1.35+2*5.95+2*2.23						
	+1.6+2+3	3.00	63.16	0.30	2.00	113.69 sqm	
	for stone above1.50m C/C						
	=2*2*16+2*2*5.5+2*3.35	3.00	92.70	3.00	1.00	834.30 cum	
	add provisional qutty					500.00 sqm	
	TOTAL					2128.37 sqm	
	SAY					2128.00 sqm	
32.00	Providing & fixing Stainless steel hand rails , blusters, post, Pergolas, railings & similar works etc. using Brush finished Stainless steel members (Stainless Steel Grade 304 and finish no-4) including hold fasts, screws, nut bolts, fasteners, etc. with cutting, hoisting, fixing & argon welding etc. in position as per approved drawing and direction of Engineer in charge. (work shall be executed through specialized agency only)						
	For Grapes bars in toilet & railing etc.						
	<u>Toilet Module 50sqm =3nos</u>						

I. No.	Item in Brief	No.	Length	Breadth	Height	Contents	unit
	handicapped toilets for Graps bar etc.	6.00	90.00	Kg/nos		540.00	Kg
	for Wash through area	6.00	70.00	Kg/nos		420.00	Kg
	<u>Toilet Module 100sqm =2nos</u>					0.00	
	handicapped toilets for Graps bar etc.	2.00	90.00	Kg/nos		180.00	Kg
	for Wash through area	4.00	70.00	Kg/nos		280.00	Kg
	<u>Toilet Module 200sqm =2nos.</u>					0.00	
	handicapped toilets for Graps bar etc.	3.00	90.00	Kg/nos		270.00	Kg
	for Wash through area	6.00	70.00	Kg/nos		420.00	Kg
	TOTAL					2110.00	Kg
	SAY					2110.00	Kg

33.00 Providing and laying grit coba of average 50 mm thickness including thoroughly cleaning the base removing all loose material, oil, grease etc. flushing with water, mixing one litre of bonding material ((S.B.) L.) with 1.25 Kg. of cement to form a homogeneous paste and uniformly applying with brush (within 20 minutes), waiting for 15 minutes, laying the grit concrete 1:1.5 :3 proportion (Grit size 6-8 mm) on the orepared surface to required grades and levels (Keeping minimum thickness of 25 mm), sprinkling water after 6 hours, finishing the formed surface after 24 hours with 4 to 5 mm thick 1:3 cement finish mixed with fibre at 125 gms. per bag of cement and curing for minimum 7 days etc complete as directed by Engineer in charge.

<u>Toilet Module 50sqm =3nos</u>							
	roof	3.00	9.74	1.75		51.14	sqm
	roof	3.00	8.95	2.60		69.81	sqm
	over drinking point	3.00	2.38	0.75		5.36	sqm
<u>Toilet Module 100sqm =2nos</u>						0.00	
	Over roof	2.00	10.50	5.70		119.70	sqm
<u>Toilet Module 200sqm =3nos.</u>						0.00	
	Over roof	6.00	14.00	5.15		432.60	sqm
	less cut	-6.00	4.00	2.60		-62.40	sqm
	add provisional qutty					50.00	sqm
	TOTAL					666.20	sqm
	SAY					666.00	sqm

ANALYSIS OF RATE - SH 09

NAME OF WORK :- DPR for Construction of Toilets of sizes at left side bank ZONE N-III,Nanded.

29.01.2007

ITEM	Description of Item	Rate	Unit
1.00	Excavation for foundation in earth, soils of all types, sand, Gravel and soft murum, including removing the excavated materiakigto a distance of 50 m. beyond the building area stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering (including shoring and strutting) etc. complete. (Lift upto 1.50 Metre).		
	Rate as per PWD DSR-2006-07, I.No-1 P.No-7	46.00	Per CUM
	Add 5% corporation Charges	2.30	Per CUM
	Total	48.30	Per CUM
2.00	Providing and filling in the foundation with sand of approved quality including compaction complete.		
	Rate as per PWD DSR-2006-07, I.No-18 P.No-10	140.00	Per CUM
	Add royalty charge	17.67	Per CUM
	Add 5% corporation Charges	7.00	Per CUM
	Total	164.67	Per CUM
	say	164.65	Per CUM
3.00	Providing dry trap/ granite/ quartzite/ gneiss rubble stone soling 15 cm. to 20 cm. thick including hand packing and compacting complete		
	Rate as per PWD DSR-2006-07, I.No-17 P.No-10	129.00	Per CUM
	add Lead charges 13Km =(182.68-103.66)	79.02	Per CUM
	Total	208.02	Per CUM
	Add royalty charge	17.67	Per CUM
	Add 5% corporation Charges	10.40	Per CUM
	Total	236.09	Per CUM
	say	236.10	Per CUM
4.00	Providing selected hard murum filling including laying in layers of 15 cm. to 20 cm. thick layers including watering and compacting etc. complete as directed by Engineer in charge		
	Rate as per PWD DSR-2006-07, I.No-737 P.No-266	85.00	Per CUM
	add Lead charges 13Km =(149.32-84.73)	64.59	Per CUM
	Total	149.59	Per CUM
	Add royalty charge	17.67	Per CUM
	Add 5% corporation Charges	7.48	Per CUM
	Total	174.74	Per CUM
	say	174.75	Per CUM
5.00	Providing and laying in situ cement concrete M-10/ 1:3:6 of trap/ granite/ quartzite/ gneiss metal for foundation and bedding including dewatering, formwork, compacting, roughening them if special finish is to be provided, finishing if required and curing etc. complete. (4.42 Bag/ Cum.)		
	Rate as per PWD DSR-2006-07, I.No-30 P.No-15	1634.00	Per CUM
	add Lead charges 13Km =(149.32-84.73)*0.9	58.13	Per CUM
	add Lead charges for sand 20Km =(204.08-84.73)*0.45	53.71	Per CUM
	Total	1745.84	Per CUM
	Add royalty charge =17.67*(0.90+0.45)	23.85	Per CUM
	Add 5% corporation Charges	87.29	Per CUM
	Total	1856.98	Per CUM

say 1857.00 Per CUM

6.00 Filling in plinth and floors with contractor's soil, sand or murum in 15 cm. to 20 cm. layers including watering and compaction etc. complete.

Rate as per PWD DSR-2006-07, I.No-16 P.No-10	91.00 Per CUM
add Lead charges 13Km $=(149.32-84.73)$	<u>64.59</u> Per CUM
Total	155.59 Per CUM
Add royalty charge	17.67 Per CUM
Add 5% corporation Charges	<u>7.78</u> Per CUM
Total	181.04 Per CUM
say	<u>181.05</u> Per CUM

7.00 Providing and laying in situ cement concrete M-20 of trap/ granite/ quartzite/ gneiss metal for reinforced cement concrete work in foundation like raft, grillages, strip foundation and footings of reinforced cement concrete columns and steel stanchion including bailing out water, form work, compaction and finishing, curing etc. complete. (Excluding steel reinforcement and structural steel) (7.60 Bag/ Cum.)

Rate as per PWD DSR-2006-07, I.No-46 P.No-19	2482.00 Per CUM
add Lead charges 13Km $=(149.32-84.73)*0.9$	58.13 Per CUM
add Lead charges for sand 20Km $=(204.08-84.73)*0.45$	<u>53.71</u> Per CUM
Total	2593.84 Per CUM
Add royalty charge $=17.67*(0.90+0.45)$	23.85 Per CUM
Add 5% corporation Charges	<u>129.69</u> Per CUM
Total	2747.38 Per CUM
say	<u>2747.40</u> Per CUM

8.00 Providing and casting in situ cement concrete M-20 of trap/ granite/ quartzite/ gneiss metal for reinforced cement concrete columns as per detailed designs and drawing, or as directed including centering, formwork, compacting and finishing the form surfaces with cement mortar 1:3 of sufficient minimum thickness, to give a smooth and even surface or roughening the surface if special finish is to be provided and curing etc. complete. (Excluding reinforcement)

Rate as per PWD DSR-2006-07, I.No-49 P.No-20	3247.00 Per CUM
add Lead charges 13Km $=(149.32-84.73)*0.9$	58.13 Per CUM
add Lead charges for sand 20Km $=(204.08-84.73)*0.45$	<u>53.71</u> Per CUM
Total	3358.84 Per CUM
Add royalty charge $=17.67*(0.90+0.45)$	23.85 Per CUM
Add 5% corporation Charges	<u>167.94</u> Per CUM
Total	3550.63 Per CUM
say	<u>3550.65</u> Per CUM

9.00 Providing and casting in situ cement concrete M-20 of trap/ granite/ quartzite/ gneiss metal for reinforced cement concrete beams and lintels as per detailed designs and drawings, or as directed including, centering, form work, compaction and roughening the surface if special finishing to be provided and curing etc. complete. (Excluding reinforcement) (7.60 Bag/ Cum.)

Rate as per PWD DSR-2006-07, I.No-52 P.No-21	3325.00 Per CUM
add Lead charges 13Km $=(149.32-84.73)*0.9$	58.13 Per CUM
add Lead charges for sand 20Km $=(204.08-84.73)*0.45$	<u>53.71</u> Per CUM
Total	3436.84 Per CUM
Add royalty charge $=17.67*(0.90+0.45)$	23.85 Per CUM

Add 5% corporation Charges	171.84	Per CUM
Total	3632.53	Per CUM
say	3632.55	Per CUM

10.00 Providing and casting in situ cement concrete M-20 of trap/ granite/ quartzite/ gneiss metal for reinforced cement concrete slabs and landings as per detailed designs and drawings, including, centering, form work, compacting and roughening the surface if special finish is to be provided and curing etc. complete. (Excluding reinforcement) (7.60 Bag/ Cum.)

Rate as per PWD DSR-2006-07, I.No-54 P.No-22	2929.00	Per CUM
add Lead charges 13Km $= (149.32-84.73)*0.9$	58.13	Per CUM
add Lead charges for sand 20Km $= (204.08-84.73)*0.45$	53.71	Per CUM
Total	3040.84	Per CUM
Add royalty charge $= 17.67*(0.90+0.45)$	23.85	Per CUM
Add 5% corporation Charges	152.04	Per CUM
Total	3216.73	Per CUM
say	3216.75	Per CUM

11.00 Providing and laying HYSD bars with cement polymer composite coating (CPCC) anticorrosive epoxy treatment for reinforcement for structure including cutting, bending hooking by machine, trying in position including binding wire, spacers, chairs, cover blocks as per detailed drawing including all leads and lifts etc. complete.

With anti corrosive treatment either by CPCC or by FBEC.

Including addition of CPCC rate	5,000.00	Per M.T.
Rate as per PWD DSR-2006-07 I.No-803 P.No-283	33,232.00	Per M.T.
Total	38,232.00	Per M.T.
Add corporation charges @ 5%	1,911.60	Per M.T.
Total	40,143.60	Per M.T.
Say	40,143.60	Per M.T.

12.00 Providing First class burnt Brick masonry with conventional / Indian Standard type bricks in cement mortar 1:6 in superstructure including striking joints, raking out joints, watering and scaffolding complete.

Rate as per PWD DSR-2006-07, I.No-85 P.No- 51	1462.00	Per CUM
add Lead charges 8Km $= (641.11-487.19)*500/3500$	21.99	Per CUM
Total	1483.99	Per CUM
Add 5% corporation Charges	74.20	Per CUM
Total	1558.19	Per CUM
say	1558.20	Per CUM

13.00 Providing second class burnt Brick masonry with conventional / Indian Standard type bricks in cement mortar 1:4 in half brick thick wall including mild steel longitudinal reinforcement of 2 bars of 6 mm. diameter at every third course, properly bent and bounded at ends including scaffolding, raking out joints and watering complete.

Rate as per PWD DSR-2006-07, I.No-89 P.No- 52	253.00	Per SQM
add Lead charges 8Km $= (641.11-487.19)*56/3500$	2.46	Per SQM
Total	255.46	Per SQM
Add 5% corporation Charges	12.77	Per SQM
Total	268.24	Per SQM
say	268.25	Per SQM

14.00	Providing uncoursed rubble masonry of trap/ granite/ quartzite/ gneiss stones in cement mortar 1:6 in foundation and plinth of inner walls / in plinth of external walls including bailing out water manually, striking joints on unexposed faces and watering complete	<table border="0" style="margin-left: 20px;"> <tr> <td>Rate as per PWD DSR-2006-07, I.No-99 P.No-57</td> <td style="text-align: right;">788.00</td> <td>Per CUM</td> </tr> <tr> <td>add Lead charges 13Km =(182.68-103.66)</td> <td style="text-align: right;"><u>79.02</u></td> <td>Per CUM</td> </tr> <tr> <td>Total</td> <td style="text-align: right;">867.02</td> <td>Per CUM</td> </tr> <tr> <td>Add royalty charge</td> <td style="text-align: right;">17.67</td> <td>Per CUM</td> </tr> <tr> <td>Add 5% corporation Charges</td> <td style="text-align: right;"><u>43.35</u></td> <td>Per CUM</td> </tr> <tr> <td>Total</td> <td style="text-align: right;">928.04</td> <td>Per CUM</td> </tr> <tr> <td>say</td> <td style="text-align: right;"><u>928.05</u></td> <td>Per CUM</td> </tr> </table>	Rate as per PWD DSR-2006-07, I.No-99 P.No-57	788.00	Per CUM	add Lead charges 13Km =(182.68-103.66)	<u>79.02</u>	Per CUM	Total	867.02	Per CUM	Add royalty charge	17.67	Per CUM	Add 5% corporation Charges	<u>43.35</u>	Per CUM	Total	928.04	Per CUM	say	<u>928.05</u>	Per CUM
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Total	928.04	Per CUM																					
say	<u>928.05</u>	Per CUM																					
15.00	Providing coursed rubble masonry first sort of trap/ granite/ quartzite/ gneiss stones in cement mortar 1:6 in external wall of plinth including bailing out water manually, striking joints inside and watering.	<table border="0" style="margin-left: 20px;"> <tr> <td>Rate as per PWD DSR-2006-07, I.No-103 P.No-57</td> <td style="text-align: right;">1083.00</td> <td>Per CUM</td> </tr> <tr> <td>add Lead charges 13Km =(182.68-103.66)</td> <td style="text-align: right;"><u>79.02</u></td> <td>Per CUM</td> </tr> <tr> <td>Total</td> <td style="text-align: right;">1162.02</td> <td>Per CUM</td> </tr> <tr> <td>Add royalty charge</td> <td style="text-align: right;">17.67</td> <td>Per CUM</td> </tr> <tr> <td>Add 5% corporation Charges</td> <td style="text-align: right;"><u>58.10</u></td> <td>Per CUM</td> </tr> <tr> <td>Total</td> <td style="text-align: right;">1237.79</td> <td>Per CUM</td> </tr> <tr> <td>say</td> <td style="text-align: right;"><u>1237.80</u></td> <td>Per CUM</td> </tr> </table>	Rate as per PWD DSR-2006-07, I.No-103 P.No-57	1083.00	Per CUM	add Lead charges 13Km =(182.68-103.66)	<u>79.02</u>	Per CUM	Total	1162.02	Per CUM	Add royalty charge	17.67	Per CUM	Add 5% corporation Charges	<u>58.10</u>	Per CUM	Total	1237.79	Per CUM	say	<u>1237.80</u>	Per CUM
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Total	1237.79	Per CUM																					
say	<u>1237.80</u>	Per CUM																					
16.00	Providing coursed rubble masonry first sort of trap/ granite/ quartzite/ gneiss stones in cement mortar 1:6 in superstructure including raking out joints on the inside when plastering is to be done, watering and scaffolding.	<table border="0" style="margin-left: 20px;"> <tr> <td>Rate as per PWD DSR-2006-07, I.No-104 P.No-58</td> <td style="text-align: right;">1120.00</td> <td>Per CUM</td> </tr> <tr> <td>add Lead charges 13Km =(182.68-103.66)</td> <td style="text-align: right;"><u>79.02</u></td> <td>Per CUM</td> </tr> <tr> <td>Total</td> <td style="text-align: right;">1199.02</td> <td>Per CUM</td> </tr> <tr> <td>Add royalty charge</td> <td style="text-align: right;">17.67</td> <td>Per CUM</td> </tr> <tr> <td>Add 5% corporation Charges</td> <td style="text-align: right;"><u>59.95</u></td> <td>Per CUM</td> </tr> <tr> <td>Total</td> <td style="text-align: right;">1276.64</td> <td>Per CUM</td> </tr> <tr> <td>say</td> <td style="text-align: right;"><u>1276.65</u></td> <td>Per CUM</td> </tr> </table>	Rate as per PWD DSR-2006-07, I.No-104 P.No-58	1120.00	Per CUM	add Lead charges 13Km =(182.68-103.66)	<u>79.02</u>	Per CUM	Total	1199.02	Per CUM	Add royalty charge	17.67	Per CUM	Add 5% corporation Charges	<u>59.95</u>	Per CUM	Total	1276.64	Per CUM	say	<u>1276.65</u>	Per CUM
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Total	1199.02	Per CUM																					
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Add 5% corporation Charges	<u>59.95</u>	Per CUM																					
Total	1276.64	Per CUM																					
say	<u>1276.65</u>	Per CUM																					
17.00	Providing and fixing solid core flush door commercial in single leaf 35 mm. thick without ventilator commercial type of exterior grade as per etailed drawing including non teak seasoned wood door frame 60 mm. X 100 mm. with wrought iron hold fast, aluminium fixtures and fastenings and handles on both sides and finishing with oil painting three coats complete.	<table border="0" style="margin-left: 20px;"> <tr> <td>Rate as per PWD DSR-2006-07, I.No-404 P.No-151</td> <td style="text-align: right;">1750.00</td> <td>Per SQM</td> </tr> <tr> <td>Add 5% corporation Charges</td> <td style="text-align: right;"><u>87.50</u></td> <td>Per SQM</td> </tr> <tr> <td>Total</td> <td style="text-align: right;"><u>1837.50</u></td> <td>Per SQM</td> </tr> </table>	Rate as per PWD DSR-2006-07, I.No-404 P.No-151	1750.00	Per SQM	Add 5% corporation Charges	<u>87.50</u>	Per SQM	Total	<u>1837.50</u>	Per SQM												
Rate as per PWD DSR-2006-07, I.No-404 P.No-151	1750.00	Per SQM																					
Add 5% corporation Charges	<u>87.50</u>	Per SQM																					
Total	<u>1837.50</u>	Per SQM																					
18.00	Providing and fixing steel window of various sizes as per detailed drawings fabricated from I.S. standard sections without hot dip zinc coating without/ with ventilator including fabrication, glazing with non-acetic/ plain/ obscured glass panels of-approved type and quality, all fixtures and fastening without teak wood boxing, and architraves and finishing with one coat of primer complete with guard bars 12 mm. square bar 10 cm. centre to centre.	<table border="0" style="margin-left: 20px;"> <tr> <td>Rate as per PWD DSR-2006-07, I.No-366 P.No-142</td> <td style="text-align: right;">1512.00</td> <td>Per SQM</td> </tr> <tr> <td>Add 5% corporation Charges</td> <td style="text-align: right;"><u>75.60</u></td> <td>Per SQM</td> </tr> <tr> <td>Total</td> <td style="text-align: right;"><u>1587.60</u></td> <td>Per SQM</td> </tr> </table>	Rate as per PWD DSR-2006-07, I.No-366 P.No-142	1512.00	Per SQM	Add 5% corporation Charges	<u>75.60</u>	Per SQM	Total	<u>1587.60</u>	Per SQM												
Rate as per PWD DSR-2006-07, I.No-366 P.No-142	1512.00	Per SQM																					
Add 5% corporation Charges	<u>75.60</u>	Per SQM																					
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19.00	Providing and fixing in position P.V.C. door shutters of standard size with P.V.C. shutters frame section of 60 mm. X 24 mm. panelled with multi chambered hollow plastic section of 200mm. X 20 mm. / 75 mm. X 20 mm with tongue and groove joint including all aluminium fixtures and fastenings as per detailed drawing as directed.	Rate as per PWD DSR-2006-07, I.No-408 P.No-152	1609.00 Per SQM
		Add 5% corporation Charges	<u>80.45 Per SQM</u>
		Total	<u>1689.45 Per SQM</u>
20.00	Providing and laying in required positions on wall or flooring of broken China mosaic (broken pieces of china) of approved colour and pattern on a bedding of 20 mm. thick 1:4 cement mortar with water proofing compound including neat cement float, giving proper slopes, compacting, curing and finishing complete	Rate as per PWD DSR-2006-07, I.No-186 P.No-92	285.00 Per SQM
		Add 5% corporation Charges	<u>14.25 Per SQM</u>
		Total	<u>299.25 Per SQM</u>
21.00	Providing and laying polished Shahabad Stone Flooring 25 mm. to 30 mm thick and 45 cm wide in plain/ diamond pattern on a bed of 1:6 cement mortar including cement float, filling joints with cement slurry, cutting, polishing and cleaning complete.	Rate as per PWD DSR-2006-07, I.No-159 P.No-85	303.00 Per SQM
		Add 5% corporation Charges	<u>15.15 Per SQM</u>
		Total	<u>318.15 Per SQM</u>
22.00	Providing and laying sills, counters, polished Kadappa Stone Flooring 25 mm. to 30 mm thick on a bed of 1:4 cement mortar including cement float, filling joints with cement slurry, cutting, polishing and cleaning complete.	Rate as per PWD DSR-2006-07, I.No-198 P.No-94	318.00 Per SQM
		Add 5% corporation Charges	<u>15.90 Per SQM</u>
		Total	<u>333.90 Per SQM</u>
23.00	Providing and laying Rough Shahabad Stone Flooring 25 mm. to 30 mm.-thick and of required width in plain/ diamond pattern on a bed of 1:6 cement mortar including cement float, striking joints, pointing in cement mortar 1:3 curing and cleaning etc. complete.	Rate as per PWD DSR-2006-07, I.No-152 P.No-85	156.00 Per sqm
		Add 5% corporation Charges	<u>7.80 Per sqm</u>
		Total	<u>163.80 Per sqm</u>
24.00	Providing internal cement plaster 12 mm. thick in single coat in cement mortar 1:5 without neeru finishing to concrete or brick surfaces, in all positions including scaffolding and curing complete.	Rate as per PWD DSR-2006-07, I.No-132 a P.No-79	45.00 Per SQM
		Add 5% corporation Charges	<u>2.25 Per SQM</u>
		Total	<u>47.25 Per SQM</u>
25.00	Providing internal cement plaster 20 mm. thick in two coats in cement mortar 1:4 without neeru finish to concrete, brick surface, in all positions including scaffolding and curing complete.	Rate as per PWD DSR-2006-07, I.No-139 P.No-80	75.00 Per SQM

Add 5% corporation Charges	<u>3.75</u>	Per SQM
Total	<u>78.75</u>	Per SQM

26.00 Providing flush grooved pointing with cement mortar 1:3 for stone masonry work including scaffolding and curing complete.

Rate as per PWD DSR-2006-07, I.No-147 P.No-82	28.00	Per SQM
Add 5% corporation Charges	<u>1.40</u>	Per SQM
Total	<u>29.40</u>	Per SQM

27.00 Providing and fixing white glazed tiles of first quality of approved various size and about 5 to 6 mm. thick for dado and skirting in required positions on plaster of 1:4 cement mortar (excluding all specials required like round corner tiles, angles, cups etc.) filling joints, with white cement slurry, curing and cleaning complete.

Rate as per PWD DSR-2006-07, I.No-178 P.No-90	495.00	Per SQM
Add 5% corporation Charges	<u>24.75</u>	Per SQM
Total	<u>519.75</u>	Per SQM

28.00 Providing and applying three coats of water proof cement paint of approved manufacture and of approved colour to the plastered surfaces including scaffolding if necessary, cleaning and preparing the surface, watering for two days complete

Rate as per PWD DSR-2006-07, I.No-243 P.No-104	19.00	Per SQM
Add 5% corporation Charges	<u>0.95</u>	Per SQM
Total	<u>19.95</u>	Per SQM

29.00 Providing and applying three coats of synthetic enamel paint of approved colour to new structural steel work and wood work in buildings including scaffolding if necessary, cleaning and preparing the surface (excluding primer coat) complete.

Rate as per PWD DSR-2006-07, I.No-236 P.No-103	30.00	Per SQM
Add 5% corporation Charges	<u>1.50</u>	Per SQM
Total	<u>31.50</u>	Per SQM

30.00 Providing and applying priming coat over new steel and other metal surfaces including preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign material and scoured with wire brushes, fine steel wool, scrappers, and sand paper, scaffolding etc.complete.

Rate as per PWD DSR-2006-07, I.No-245 P.No-105	8.00	Per SQM
Add 5% corporation Charges	<u>0.40</u>	Per SQM
Total	<u>8.40</u>	Per SQM

31.00 Providing and applying white-wash in two coats on old/ new plastered or masonry surfaces and asbestos cement sheets including scaffolding and preparing the surface by brushing and brooming down complete.

Rate as per PWD DSR-2006-07, I.No-250 P.No-107	3.00	Per SQM
Add 5% corporation Charges	<u>0.15</u>	Per SQM
Total	<u>3.15</u>	Per SQM

24.00 Providing & fixing Stainless steel hand rails , blusters, post, Pergolas, railings & similar works etc. using Brush finished Stainless steel members (Stainless Steel Grade 304 and finish no-4) including hold fasts, screws, nut bolts, fasteners, etc. with cutting, hoisting, fixing & argon welding etc. in position as per approved drawing and direction of Engineer in charge. (work shall be executed through specialized agency only)

Rate as per Market Rate Analysis	553.39 Per Kg.
Add 5% corporation Charges	<u>27.67</u> Per Kg.
Total	581.06 Per Kg.
SAY	<u>581.05</u> Per Kg.

25.00 Providing and laying grit coba of average 50 mm thickness including thoroughly cleaning the base removing all loose material, oil, grease etc. flushing with water, mixing one litre of bonding material ((S.B.) L.) with 1.25 Kg. of cement to form a homogeneous paste and uniformly applying with brush (within 20 minutes), waiting for 15 minutes, laying the grit concrete 1:1.5 :3 proportion (Grit size 6-8 mm) on the orepared surface to required grades and levels (Keeping minimum thickness of 25 mm), sprinkling water after 6 hours, finishing the formed surface after 24 hours with 4 to 5 mm thick 1:3 cement finish mixed with fibre at 125 gms. per bag of cement and curing for minimum 7 days etc complete as directed by Engineer in charge.

Rate as per PWD DSR-2006-07, I.No-114 P.No-62	225.00 Per SQM
Add 5% corporation Charges	<u>11.25</u> Per SQM
Total	<u>236.25</u> Per SQM

ANALYSIS OF RATE - SH 09

Item No- 24 - Providing & fixing Stainless steel hand rails , blusters, post, Pergolas, railings & similar works etc. using Brush finished Stainless steel members (Stainless Steel Grade 304 and finish no-4) including hold fasts, screws, nut bolts, fasteners, etc. with cutting, hoisting, fixing & argon welding etc. in position as per approved drawing and direction of Engineer in charge. (work shall be executed through specialized agency only)

Analysis of Rate on Market

Details of cost for 100 Kg.

DESCRIPTION	UNIT	QTY	RATE	COST	REFERENCE
Brush finished Stainless steel members (Stainless Steel Grade 304 and finish no-4)	Kg	100.00	430.00	43000.00	
add WAT. 12%				5160.00	
Fitter 1st class	EACH	5.00	200.00	1000.00	
beldar for hoisting, fixing etc.	EACH	5.00	120.00	600.00	
sundries for carriage etc.	L.S.			50.00	
TOTAL	*****	*****		49810.00	
Add For water charges @ 1%	49810.00	1.00	%	498.10	
TOTAL	*****	*****		50308.10	
Add For contractor's profit & over head @10%					
	50308.10	*****		5030.81	
Cost for 100 Kg -TOTAL	*****	*****	Rs	55338.91	
Rate per Kg	*****	*****	Rs	553.39	

LEAD CHART - SH 09

Reference :- Irrigation Division, Nanded.

S.No.	Name of Material	Total Lead in Km.
1	Cement/ Tiles/ Tandur /Tile/ Precast Tile	with in Initial lead of 5Km
2	Tor Steel / Mild steel	with in Initial lead of 5Km
3	All Type Paints etc.	with in Initial lead of 5Km
4	Rubble / stone	$18 - 5 = 13\text{Km}$
5	Metal (All Types)	$18 - 5 = 13\text{Km}$
6	Sand	$26 - 5 = 21\text{Km}$ (say 20Km)
7	Murum	$18 - 5 = 13\text{Km}$