

**ABSTRACT OF COST - SH 06**

**NAME OF WORK :- DPR for Construction of Land side Structures i. e. Information Kiosk, Medical aid, Police Post at 29.01.2007**

ITEM	Description of Item	Quantity	Rate	Unit	Amount		Reference
					Rate as per PWD DSR-2006-07,		
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).	259.00	48.30	CUM	Rs	12,510.00	I.No-1 P.No-7
2.00	Providing and filling in the foundation with sand of approved quality including compaction complete.	102.00	164.65	CUM	Rs	16,794.00	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	128.00	236.10	CUM	Rs	30,221.00	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	66.00	174.75	CUM	Rs	11,534.00	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.)	66.00	1,857.00	CUM	Rs	122,562.00	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.	107.00	181.05	CUM	Rs	19,372.00	I.No-16 P.No-10
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.)	33.00	2,747.40	CUM	Rs	90,664.00	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.)	18.00	3,550.65	CUM	Rs 63,912.00	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.)	54.00	3,632.55	CUM	Rs 196,158.00	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.)	22.00	3,216.75	CUM	Rs 70,769.00	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.	11.98	40,143.60	MT	Rs 480,920.00	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.	9.00	1,558.20	CUM	Rs 14,024.00	I.No-85 P.No-51
13.00	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	79.00	928.05	CUM	Rs 73,316.00	I.No-99 P.No-57
14.00	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.	19.00	1,237.80	CUM	Rs 23,518.00	I.No-103 P.No-57

ITEM	Description of Item	Quantity	Rate	Unit	Amount	Reference
15.00	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.	102.00	1,276.65	CUM	Rs 130,218.00	I.No-104 P.No-58
16.00	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.	42.00	333.90	SQM	Rs 14,024.00	I.No-198 P.No-94
17.00	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.	149.00	163.80	SQM	Rs 24,406.00	I.No-152 P.No-85
18.00	Providing and laying Rough Shahabad Stone Flooring 50 mm. to 60 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.	187.00	211.05	SQM	Rs 39,466.00	I.No-158 P.No-85
19.00	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.	10.00	318.15	SQM	Rs 3,182.00	I.No-159 P.No-85
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	11.00	299.25	SQM	Rs 3,292.00	I.No-186 P.No-92
21.00	Providing structural tubular steel works in trusses, other similar trussed purlins and members-with all bracing, gusset plates etc. as per detailed designs and drawings or as directed including cutting, fabricating, hoisting, erecting, fixing in position, making riveted/ bolted/ welded connection and painting complete.	3.24	39,655.35	MT	Rs 128,483.00	I.No-23 P.No-11
22.00	Anchoring roof trusses by 16 mm. diameter steel bars in position including all fixtures and fastening etc. complete.	31.00	67.20	Rg.M	Rs 2,083.00	I.No-24 P.No-11

ITEM	Description of Item	Quantity	Rate	Unit	Amount	Reference
23.00	Providing and fixing Mangalore tiles roofing with class "A" tiles including securing the last course of tiles near the eaves with steel flat 40 mm. X 3 mm. and 1.2 mm. wire fixing 50 mm. X 25 mm. horizontal teak wood battens and iron works and oiling the battens complete, (excluding ridge and hip tiles )	89.00	260.40	SQM	Rs 23,176.00	I.No-277 P.No-115
24.00	Providing and fixing Mangalore tile ridge and hip tiles of class "A" including scaffolding if necessary, pointing with coloured cement mortar and curing complete	59.00	71.40	Rg.M	Rs 4,213.00	I.No-278 P.No-115
25.00	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.	20.00	47.25	SQM	Rs 945.00	I.No-132 a P.No-79
26.00	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.	436.00	78.75	SQM	Rs 34,335.00	I.No-139 P.No-80
27.00	Providing flush grooved pointing with cement mortar 1:3 for stone masonry work including scaffolding and curing complete.	285.00	29.40	SQM	Rs 8,379.00	I.No-147 P.No-82
28.00	Providing and fixing Decorative Facia 150 mm. wide and 20 mm. thick finished with veneer & cutting in required drawing & painting complete.	56.00	374.85	Rg.M	Rs 20,992.00	Rate same as I.No-266 P.No-111
29.00	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	436.00	19.95	SQM	Rs 8,698.00	I.No-243 P.No-104
30.00	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.	26.00	31.50	SQM	Rs 819.00	I.No-236 P.No-103
31.00	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.	26.00	8.40	SQM	Rs 218.00	I.No-245 P.No-105

ITEM	Description of Item	Quantity	Rate	Unit	Amount	Reference
32.00	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.	72.00	236.25	SQM	Rs 17,010.00	I.No-114 P.No-62
<b>GRAND TOTAL</b>					<b>Rs1,690,213.00</b>	

**DETAILS OF MEASUREMENT - SH 06**

**NAME OF WORK :- DPR for Construction of Land side Structures i. e. Information Kiosk, Medical aid, Police Post at left side bank ZONE N-III, Nanded.**

**29.01.2007**

<b>I. No.</b>	<b>Item in Brief</b>	<b>No.</b>	<b>Length</b>	<b>Breadth</b>	<b>Height</b>	<b>Contents</b>	<b>unit</b>
<b><u>Details of Land side structures</u></b>							
<b><u>Information Kiosk, Medical aid, Police</u></b>							
	<b>Station</b>		Meter	Meter	Meter		CUM
	Module -1 , Internal size 3.0x3.0m	8.00					
	Module -2 , Internal size 3.0x3.0m	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>Module -1 ( single story) =8nos</u>						
	for column footing F-1 = 8*4nos	32.00	1.50	1.50	1.35		97.20 cum
	for open foundation ( stone) C/C =4*3.35	8.00	13.40	0.90	1.35		130.25 cum
	Less for common area of column	-32.00	1.50	0.90	1.35		-58.32 cum
	paving...allround the buiding	8.00	6.00	6.00	0.30		86.40 cum
	less for building	-8.00	3.70	3.70	0.30		-32.86 cum
	<u>Module -2 ( Duoble story) =3nos</u>						0.00 cum
	for column footing = 3*4nos	12.00	1.80	1.80	1.35		52.49 cum
	for open foundation ( stone) C/C =4*3.35	3.00	13.40	0.90	1.35		48.84 cum
	Less for common area of column	-12.00	1.80	0.90	1.35		-26.24 cum
	for stair case wall =13*0.25+1+0.35+0.9+0.9						
		3.00	6.40	0.90	1.35		23.33 cum
	paving...allround the buiding	3.00	6.00	7.00	0.30		37.80 cum
	less for building	-3.00	3.70	3.70	0.30		-12.32 cum
	add provisional qutty						10.00 cum
						<b>TOTAL</b>	<b>259.37 cum</b>
						<b>SAY</b>	<b>259.00 cum</b>
2.00	Providing and filling in the foundation with sand of approved quality including compaction complete.						
	<u>Module -1 ( single story) =8nos</u>						
	for column footing F-1 = 8*4nos	32.00	1.50	1.50	0.15		10.80 cum
	for open foundation ( stone) C/C =4*3.35	8.00	13.40	0.90	0.15		14.47 cum
	Less for common area of column	-32.00	1.50	0.90	0.15		-6.48 cum
	under floor	8.00	3.00	3.00	0.15		10.80 cum
	paving...allround the buiding	8.00	6.00	6.00	0.15		43.20 cum
	less for building	-8.00	3.70	3.70	0.15		-16.43 cum
	<u>Module -2 ( Duoble story) =3nos</u>						0.00 cum
	for column footing = 3*4nos	12.00	1.80	1.80	0.15		5.83 cum
	for open foundation ( stone) C/C =4*3.35	3.00	13.40	0.90	0.15		5.43 cum
	Less for common area of column	-12.00	1.80	0.90	0.15		-2.92 cum
	under floor... room	3.00	3.00	3.00	0.15		4.05 cum
	for stair case wall =13*0.25+1+0.35+0.9+0.9						
		3.00	6.40	0.90	0.15		2.59 cum
	under floor... stair	3.00	4.25	0.90	0.15		1.72 cum
	paving...allround the buiding	3.00	6.00	7.00	0.15		18.90 cum
	add provisional qutty						10.00 cum

I. No.	Item in Brief	No.	Length	Breadth	Height	Contents	unit
						TOTAL	101.97 cum
						<b>SAY</b>	<b>102.00</b> 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>Module -1 ( single story) =8nos</u>						
	for column footing F-1 = 8*4nos	32.00	1.50	1.50	0.20	14.40	cum
	for open foundation ( stone) C/C =4*3.35	8.00	13.40	0.90	0.20	19.30	cum
	Less for common area of column under floor	-32.00	1.50	0.90	0.20	-8.64	cum
	paving...allround the buiding	8.00	3.00	3.00	0.20	14.40	cum
	less for building	-8.00	3.70	3.70	0.20	-21.90	cum
	<u>Module -2 ( Duoble story) =3nos</u>					0.00	cum
	for column footing = 3*4nos	12.00	1.80	1.80	0.20	7.78	cum
	for open foundation ( stone) C/C =4*3.35	3.00	13.40	0.90	0.20	7.24	cum
	Less for common area of column under floor... room	-12.00	1.80	0.90	0.20	-3.89	cum
	for stair case wall =13*0.25+1+0.35+0.9+0.9	3.00	6.40	0.90	0.20	3.46	cum
	under floor... stair	3.00	4.25	0.90	0.20	2.30	cum
	paving...allround the buiding	3.00	6.00	7.00	0.20	25.20	cum
	add provisional qutty					5.00	cum
						TOTAL	127.63 cum
						<b>SAY</b>	<b>128.00</b> 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>Module -1 ( single story) =8nos</u>						
	for column footing F-1 = 8*4nos	32.00	1.50	1.50	0.10	7.20	cum
	for open foundation ( stone) C/C =4*3.35	8.00	13.40	0.90	0.10	9.65	cum
	Less for common area of column under floor	-32.00	1.50	0.90	0.10	-4.32	cum
	paving...allround the buiding	8.00	3.00	3.00	0.10	7.20	cum
	less for building	-8.00	3.70	3.70	0.10	-10.95	cum
	<u>Module -2 ( Duoble story) =3nos</u>					0.00	cum
	for column footing = 3*4nos	12.00	1.80	1.80	0.10	3.89	cum
	for open foundation ( stone) C/C =4*3.35	3.00	13.40	0.90	0.10	3.62	cum
	Less for common area of column under floor... room	-12.00	1.80	0.90	0.10	-1.94	cum
	for stair case wall =13*0.25+1+0.35+0.9+0.9	3.00	6.40	0.90	0.10	1.73	cum
	under floor... stair	3.00	4.25	0.90	0.10	1.15	cum
	paving...allround the buiding	3.00	6.00	7.00	0.10	12.60	cum
	add provisional qutty					5.00	cum
						TOTAL	66.31 cum
						<b>SAY</b>	<b>66.00</b> cum

I. No.	Item in Brief	No.	Length	Breadth	Height	Contents	unit
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.)						
	<u>Module -1 ( single story) =8nos</u>						
	for column footing F-1 = 8*4nos	32.00	1.50	1.50	0.10	7.20 cum	
	for open foundation ( stone) C/C =4*3.35	8.00	13.40	0.90	0.10	9.65 cum	
	Less for common area of column	-32.00	1.50	0.90	0.10	-4.32 cum	
	under floor	8.00	3.00	3.00	0.10	7.20 cum	
	paving...allround the buiding	8.00	6.00	6.00	0.10	28.80 cum	
	less for building	-8.00	3.70	3.70	0.10	-10.95 cum	
	<u>Module -2 ( Duoble story) =3nos</u>					0.00 cum	
	for column footing = 3*4nos	12.00	1.80	1.80	0.10	3.89 cum	
	for open foundation ( stone) C/C =4*3.35	3.00	13.40	0.90	0.10	3.62 cum	
	Less for common area of column	-12.00	1.80	0.90	0.10	-1.94 cum	
	under floor... room	3.00	3.00	3.00	0.10	2.70 cum	
	for stair case wall =13*0.25+1+0.35+0.9+0.9						
		3.00	6.40	0.90	0.10	1.73 cum	
	under floor... stair	3.00	4.25	0.90	0.10	1.15 cum	
	paving...allround the buiding	3.00	6.00	7.00	0.10	12.60 cum	
	add provisional qutty					5.00 cum	
						<b>TOTAL</b>	66.31 cum
						<b>SAY</b>	<b>66.00</b> 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.						
	for back filling Taken as 1/3 volume in foundation						
	Total Earth Work as per i/no-1	0.33	259.37 cum			85.59 cum	
	add for .... under floor	8.00	3.00	3.00	0.15	10.80 cum	
	under floor	3.00	3.00	3.00	0.15	4.05 cum	
	under floor	3.00	4.25	0.90	0.15	1.72 cum	
	add provisional qutty					5.00 cum	
						<b>TOTAL</b>	107.16 cum
						<b>SAY</b>	<b>107.00</b> 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>Module -1 ( single story) =8nos</u>						
	for column footing F-1 = 8*4nos	32.00	1.20	1.20	0.35	16.13 cum	
	for columns upto plinth beam bottom	32.00	0.45	0.45	0.55	3.56 cum	
	<u>Module -2 ( Duoble story) =3nos</u>					0.00	
	for column footing = 3*4nos	12.00	1.50	1.50	0.35	9.45 cum	
	for columns upto plinth beam bottom	12.00	0.45	0.45	0.55	1.34 cum	

I. No.	Item in Brief	No.	Length	Breadth	Height	Contents	unit
	for stair case wall base	3.00	1.30	1.00	0.35	1.37	cum
	add provisional qutty					1.00	cum
						TOTAL	32.84 cum
						<b>SAY</b>	<b>33.00</b> 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 ev surface or roughening the surface if special finish is to be provided and curing etc. complete. (Excluding reinforcement) (7.60 Bag/ Cum.)						
	<u>Module -1 ( single story) =8nos</u>						
	for column = 8*4nos	32.00	0.35	0.35	2.25	8.82	cum
	<u>Module -2 ( Duoble story) =3nos</u>						
	for column = 3*4nos	12.00	0.35	0.35	5.10	7.50	cum
	for stair case wall base	3.00	1.30	0.35	1.00	1.37	cum
						TOTAL	17.68 cum
						<b>SAY</b>	<b>18.00</b> 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>Module -1 ( single story) =8nos</u>						
	Plinth beam over stone wall C/C =4*3.35	8.00	13.40	0.35	0.45	16.88	cum
	Roof band ..External stone wall c/c =4*3.35	8.00	13.40	0.35	0.45	16.88	cum
	<u>Module -2 ( Duoble story) =3nos</u>					0.00	
	Plinth beam over stone wall C/C =4*3.35	3.00	13.40	0.35	0.45	6.33	cum
	Plinth beam over stair case stone wall =13*0.25+1+0.35+0.9+0.9	3.00	6.40	0.35	0.45	3.02	cum
	Lintel band ..G.F c/c =4*3.35	3.00	13.40	0.35	0.45	6.33	cum
	Lintel band ..F..F c/c =4*3.36	3.00	13.40	0.35	0.25	3.52	cum
	add provisional qutty					1.50	cum
						TOTAL	54.47 cum
						<b>SAY</b>	<b>54.00</b> 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>Module -1 ( single story) =8nos</u>						
	for roof slab	8.00	3.00	3.00	0.15	10.80	cum

I. No.	Item in Brief	No.	Length	Breadth	Height	Contents	unit
	counter slab =8*2	16.00	2.00	0.60	0.10	1.92 cum	
	<u>Module -2 ( Duoble story) =3nos</u>					0.00	
	for roof slab	3.00	3.00	3.00	0.15	4.05 cum	
	for stair wast slab	3.00	6.00	1.20	0.15	3.24 cum	
	counter slab =2*2	6.00	2.00	0.60	0.10	0.72 cum	
	add provisional qutty					1.00 cum	
						<b>TOTAL</b>	21.73 cum
						<b>SAY</b>	<b>22.00</b> 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.

I/no- 6 foundation and footings	32.84	@	80.00 Kg/m	2627.48 Kg
I/no- 7 columns	17.68	@	110.00 Kg/m	1945.02 Kg
I/no- 8 beams and lintels	54.47	@	100.00 Kg/m	5447.25 Kg
I/no- 9 slab	21.73	@	90.00 Kg/m	1955.70 Kg
			<b>TOTAL</b>	11975.45 Kg
			<b>SAY</b>	<b>11.98</b> 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>Module -1 ( single story) =8nos</u>					
parapet wall	8.00	13.40	0.23	0.30	7.40 cum
add provisional qutty					2.00 cum
					<b>TOTAL</b>
					<b>9.40</b> cum
					<b>SAY</b>
					<b>9.00</b> cum

13.00 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>Module -1 ( single story) =8nos</u>					
for open foundation ( stone) C/C =4*3.35	8.00	13.40	0.75	0.30	24.12 cum
	8.00	13.40	0.60	0.30	19.30 cum
upto G.L.	8.00	13.40	0.45	0.30	14.47 cum
Less for columns area	-32.00	0.45	0.45	0.55	-3.56 cum
Less for columns area	-64.00	0.53	0.75	0.30	-7.56 cum
<u>Module -2 ( Duoble story) =3nos</u>					
for open foundation ( stone) C/C =4*3.35	3.00	13.40	0.75	0.30	9.05 cum
	3.00	13.40	0.60	0.30	7.24 cum
upto G.L.	3.00	13.40	0.45	0.30	5.43 cum
Less for columns area	-12.00	0.45	0.45	0.55	-1.34 cum
Less for columns area	-24.00	0.73	0.75	0.30	-3.92 cum
for stair case wall =13*0.25+1+0.35+0.9+0.9					
	3.00	6.40	0.75	0.30	4.32 cum
	3.00	6.40	0.60	0.30	3.46 cum
upto G.L.	3.00	6.40	0.45	0.30	2.59 cum

I. No.	Item in Brief	No.	Length	Breadth	Height	Contents	unit
	add provisional gully					5.00	cum
						TOTAL	78.59 cum
						SAY	<b>79.00</b> cum
14.00	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>Module -1 ( single story) =8nos</u>						
	add provisional for plinth ( stone) C/C =4*3.35 upto plinth	8.00	13.40	0.35	0.30	11.26	cum
	<u>Module -2 ( Duoble story) =3nos</u>						
	add provisional for plinth ( stone) =4*3.35 upto plinth	3.00	13.40	0.35	0.30	4.22	cum
	for stair case wall =13*0.25+1+0.35+0.9+0.9 upto plinth	3.00	6.40	0.35	0.30	0.00	2.02 cum
	add provisional gully					2.00	cum
						TOTAL	19.49 cum
						SAY	<b>19.00</b> cum
15.00	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>Module -1 ( single story) =8nos</u>						
	for stone wall C/C =4*3.35 above plinth	8.00	13.40	0.35	2.10	78.79	cum
	less... counters	-16.00	2.00	0.35	1.40	-15.68	cum
	less....opening	-16.00	0.98	0.35	2.25	-12.35	cum
	Less for column = 8*4nos	-32.00	0.35	0.35	2.85	-11.17	cum
	<u>Module -2 ( Duoble story) =3nos</u>						
	for stone wall C/C =4*3.35 for G.F....above plinth	3.00	13.40	0.35	2.10	29.55	cum
	less... counters	-6.00	2.00	0.35	1.40	-5.88	cum
	less....opening	-6.00	0.98	0.35	2.25	-4.63	cum
	for FF....	3.00	13.40	0.35	1.00	14.07	cum
	stair wall	3.00	3.70	0.35	2.00	7.77	cum
	pillers	12.00	0.35	0.35	2.00	2.94	cum
	door opening-	-3.00	1.00	0.35	2.00	-2.10	cum
	Less for column = 3*4nos	-12.00	0.35	0.35	5.10	-7.50	cum
	for stair case wall =13*0.25+1+0.35+0.9+0.9 for G.F....above plinth	3.00	6.40	0.35	3.50	23.52	cum
	add provisional gully					5.00	cum
						TOTAL	102.33 cum
						SAY	<b>102.00</b> cum
16.00	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>Module -1 ( single story) =8nos</u>						

I. No.	Item in Brief	No.	Length	Breadth	Height	Contents	unit
	counters	16.00	2.00	0.60		19.20	sqm
	<u>Module -2 ( Duoble story) =3nos</u>						
	for stone wall C/C =4*3.35						
	for F.F....above parapet wall	3.00	13.40	0.35		14.07	sqm
	counters	6.00	2.00	0.60		7.20	sqm
	add provisional qutty					2.00	sqm
						<b>TOTAL</b>	<b>42.47</b> sqm
						<b>SAY</b>	<b>42.00</b> sqm
17.00	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>Module -1 ( single story) =8nos</u>						
	floor	8.00	3.00	3.00		72.00	sqm
	<u>Module -2 ( Duoble story) =3nos</u>					0.00	sqm
	floor	6.00	3.00	3.00		54.00	sqm
	stairs steps	3.00	4.50	0.90		12.15	sqm
	risers	42.00	0.90	0.16		6.05	sqm
	add provisional qutty					5.00	sqm
						<b>TOTAL</b>	<b>149.20</b> sqm
						<b>SAY</b>	<b>149.00</b> sqm
18.00	Providing and laying Rough Shahabad Stone Flooring 50 mm. to 60 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>Module -1 ( single story) =8nos</u>						
	paving...allround the buiding	8.00	5.50	5.50		242.00	sqm
	less for building	-8.00	3.70	3.70		-109.52	sqm
	<u>Module -2 ( Duoble story) =3nos</u>					0.00	sqm
	paving...allround the buiding	3.00	5.50	5.50		90.75	sqm
	less for building	-3.00	3.70	3.70		-41.07	sqm
	add provisional qutty					5.00	sqm
						<b>TOTAL</b>	<b>187.16</b> sqm
						<b>SAY</b>	<b>187.00</b> sqm
19.00	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.						
	<u>Module -1 ( single story) =8nos</u>						
	add provisional qutty					5.00	sqm
	<u>Module -2 ( Duoble story) =3nos</u>						
	add provisional qutty					5.00	sqm
						<b>TOTAL</b>	<b>10.00</b> sqm
						<b>SAY</b>	<b>10.00</b> 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>Module -1 ( single story) =8nos</u> add provisional qutty	8.00	1.00				8.00 sqm
	<u>Module -2 ( Duoble story) =3nos</u> add provisional qutty	3.00	1.00				3.00 sqm
						TOTAL	11.00 sqm
						<b>SAY</b>	<b>11.00</b> sqm
21.00	Providing structural steel work in trusses, other similar trussed purlins and members-with all bracing, gusset plates etc. as per detailed designs and drawings or as directed including cutting, fabricating, hoisting, erecting, fixing in position, making riveted/ bolted/ welded connection and painting complete.						
	<u>Module -2 ( Duoble story) =3nos</u> or trusses for sloping roofs=3*4sides*0.5	3.00	5.20	5.20		81.12 sqm	
						TOTAL	81.12 sqm
	@	40.00					3244.80 Kg.
						TOTAL	3244.80 Kg.
						<b>SAY</b>	<b>3.24</b> M.T
22.00	Anchoring roof trusses by 16 mm. diameter steel bars in position including all fixtures and fastening etc. complete.						
	<u>Module -2 ( Duoble story) =3nos</u> or trusses for sloping roofs=3*4walls*4 add provisional qutty	48.00	0.60 m				28.80 m
							2.00 m
						TOTAL	30.80 m
						<b>SAY</b>	<b>31.00</b> m
23.00	Providing and fixing Mangalore tiles roofing with class "A" tiles including securing the last course of tiles near the eaves with steel flat 40 mm. X 3 mm. and 1.2 mm. wire fixing 50 mm. X 25 mm. horizontal teak wood battens and iron works and oiling the battens complete, (excluding ridge and hip tiles )						
	<u>Module -2 ( Duoble story) =3nos</u> or trusses for sloping roofs=3*4sides*0.5 add provisional qutty	3.00	5.40	5.40			87.48 sqm
							2.00 sqm
						TOTAL	89.48 sqm
						<b>SAY</b>	<b>89.00</b> sqm
24.00	Providing and fixing Mangalore tile ridge and hip tiles of class "A" including scaffolding if necessary, pointing with coloured cement mortar and curing complete						
	or trusses for sloping roofs=3*4walls add provisional qutty	12.00	4.75 m				57.00 m
							2.00 m
						TOTAL	59.00 m
						<b>SAY</b>	<b>59.00</b> m

I. No.	Item in Brief	No.	Length	Breadth	Height	Contents	unit
25.00	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>Module -1 ( single story) =8nos</u>						
	add provisional qutty					10.00	sqm
	<u>Module -2 ( Duoble story) =3nos</u>					0.00	
	add provisional qutty					10.00	sqm
						<b>TOTAL</b>	<b>20.00</b> sqm
						<b>SAY</b>	<b>20.00</b> sqm
26.00	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>Module -1 ( single story) =8nos</u>						
	for stone wall C/C =4*3.35						
	Internal plaster above plinth	8.00	13.40	2.40		257.28	sqm
	less... counters	-16.00	2.00	1.40		-44.80	sqm
	less....opening	-16.00	0.98	2.25		-35.28	sqm
	parapet wall ..all round	8.00	13.40	0.30		32.16	sqm
	<u>Module -2 ( Duoble story) =3nos</u>						
	for stone wall C/C =4*3.35						
	for G.F....above plinth	3.00	13.40	2.40		96.48	sqm
	less... counters	-6.00	2.00	1.40		-16.80	sqm
	less....opening	-6.00	0.98	2.25		-13.23	sqm
	for FF....	3.00	13.40	1.00		40.20	sqm
	stair wall	3.00	3.70	2.00		22.20	sqm
	pillers	24.00	0.35	2.00		16.80	sqm
	door opening-	-3.00	1.00	2.00		-6.00	sqm
	for stair case wall =13*0.25+1+0.35+0.9+0.9						
	for G.F....above plinth	3.00	6.40	3.50		67.20	sqm
	add provisional qutty					20.00	sqm
						<b>TOTAL</b>	<b>436.21</b> sqm
						<b>SAY</b>	<b>436.00</b> sqm
27.00	Providing flush grooved pointing with cement mortar 1:3 for stone masonry work including scaffolding and curing complete.						
	<u>Module -1 ( single story) =8nos</u>						
	for stone wall C/C =4*3.35						
	For External area	8.00	13.40	2.10		225.12	sqm
	less... counters	-16.00	2.00	1.40		-44.80	sqm
	less....opening	-16.00	0.98	2.10		-32.93	sqm
	<u>Module -2 ( Duoble story) =3nos</u>					0.00	sqm
	for stone wall C/C =4*3.35					0.00	sqm
	for G.F....above plinth	3.00	13.40	2.10		84.42	sqm
	less... counters	-6.00	2.00	1.40		-16.80	sqm
	less....opening	-6.00	0.98	2.10		-12.35	sqm
	for FF....	3.00	13.40	1.00		40.20	sqm
	stair wall	3.00	3.70	2.00		22.20	sqm
	add provisional qutty					20.00	sqm
						<b>TOTAL</b>	<b>285.06</b> sqm
						<b>SAY</b>	<b>285.00</b> sqm

I. No.	Item in Brief	No.	Length	Breadth	Height	Contents	unit
28.00	Providing and fixing Decorative Facia 150 mm. wide and 20 mm. thick finished with veneer & cutting in required drawing & painting complete.						
	<u>Module -2 ( Duoble story) =3nos</u>						
	edges of sloping roofs=3*4walls	12.00	4.50 m			54.00 m	
	add provisional qutty					2.00 m	
						<u>56.00</u> sqm	
						TOTAL	56.00 sqm
						<b>SAY</b>	<b>56.00</b> sqm
29.00	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>Module -1 ( single story) =8nos</u>						
	for stone wall C/C =4*3.35						
	Internal plaster above plinth	8.00	13.40	2.40		257.28 sqm	
	less... counters	-16.00	2.00	1.40		-44.80 sqm	
	less....opening	-16.00	0.98	2.25		-35.28 sqm	
	parapet wall ..all round	8.00	13.40	0.30		32.16 sqm	
	<u>Module -2 ( Duoble story) =3nos</u>						
	for stone wall C/C =4*3.35						
	for G.F....above plinth	3.00	13.40	2.40		96.48 sqm	
	less... counters	-6.00	2.00	1.40		-16.80 sqm	
	less....opening	-6.00	0.98	2.25		-13.23 sqm	
	for FF....	3.00	13.40	1.00		40.20 sqm	
	stair wall	3.00	3.70	2.00		22.20 sqm	
	pillers	24.00	0.35	2.00		16.80 sqm	
	door opening-	-3.00	1.00	2.00		-6.00 sqm	
	for stair case wall =13*0.25+1+0.35+0.9+0.9						
	for G.F....above plinth	3.00	6.40	3.50		67.20 sqm	
	add provisional qutty					20.00 sqm	
						<u>436.21</u> sqm	
						TOTAL	436.21 sqm
						<b>SAY</b>	<b>436.00</b> sqm
30.00	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.						
	<u>Module -2 ( Duoble story) =3nos</u>						
	or trusses for sloping roofs=3*4sides*0.5	3.00	2.80	2.80		23.52 sqm	
	add provisional qutty					2.00 sqm	
						<u>25.52</u> sqm	
						TOTAL	25.52 sqm
						<b>SAY</b>	<b>26.00</b> sqm
31.00	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>Module -2 ( Duoble story) =3nos</u>						
	or trusses for sloping roofs=3*4sides*0.5	3.00	2.80	2.80		23.52 sqm	

I. No.	Item in Brief	No.	Length	Breadth	Height	Contents	unit
	add provisional qutty						2.00 sqm
						TOTAL	25.52 sqm
						SAY	<b>26.00</b> sqm

32.00 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.

Module -1 ( single story) =8nos

roof	8.00	3.00	3.00			72.00 sqm	
						TOTAL	72.00 sqm
						SAY	<b>72.00</b> sqm

**ANALYSIS OF RATE - SH 06**

**NAME OF WORK :- DPR for Construction of Land side Structures i. e. Information Kiosk, Medical aid, Police Post 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	<u>48.30</u>	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	<u>164.67</u>	Per CUM
	say	<u>164.65</u>	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	<u>208.02</u>	Per CUM
	Add royalty charge	17.67	Per CUM
	Add 5% corporation Charges	10.40	Per CUM
	Total	<u>236.09</u>	Per CUM
	say	<u>236.10</u>	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	<u>149.59</u>	Per CUM
	Add royalty charge	17.67	Per CUM
	Add 5% corporation Charges	7.48	Per CUM
	Total	<u>174.74</u>	Per CUM
	say	<u>174.75</u>	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	<u>1745.84</u>	Per CUM
	Add royalty charge $=17.67*(0.90+0.45)$	23.85	Per CUM
	Add 5% corporation Charges	87.29	Per CUM

Total	<u>1856.98</u>	Per CUM
say	<u>1857.00</u>	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.
<b>Say</b>	<b>40,143.60</b>	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 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

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)	79.02	Per CUM
Total	867.02	Per CUM
Add royalty charge	17.67	Per CUM
Add 5% corporation Charges	43.35	Per CUM
Total	928.04	Per CUM
say	928.05	Per CUM

14.00 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.

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)	79.02	Per CUM
Total	1162.02	Per CUM
Add royalty charge	17.67	Per CUM
Add 5% corporation Charges	58.10	Per CUM
Total	1237.79	Per CUM
say	1237.80	Per CUM

15.00 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.

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)	79.02	Per CUM
Total	1199.02	Per CUM
Add royalty charge	17.67	Per CUM
Add 5% corporation Charges	59.95	Per CUM
Total	1276.64	Per CUM
say	1276.65	Per CUM

16.00 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	15.90	Per SQM
Total	333.90	Per SQM

17.00 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	7.80	Per sqm
Total	163.80	Per sqm

18.00 Providing and laying Rough Shahabad Stone Flooring 50 mm. to 60 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-158 P.No-85	201.00	Per sqm
Add 5% corporation Charges	10.05	Per sqm
Total	211.05	Per sqm

19.00 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	15.15	Per SQM
Total	318.15	Per SQM

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</u>	Per SQM
Total	<u>299.25</u>	Per SQM

21.00 Providing structural tubular steel works in trusses, other similar trussed purlins and members-with all bracing, gusset plates etc. as per detailed designs and drawings or as directed including cutting, fabricating, hoisting, erecting, fixing in position, making riveted/ bolted/ welded connection and painting complete.

Rate as per PWD DSR-2006-07, I.No-23 P.No-11	37,767.00	Per M.T.
Total	<u>37,767.00</u>	Per M.T.
Add 5% corporation Charges	<u>1,888.35</u>	Per M.T.
Total	<u>39,655.35</u>	Per M.T.

22.00 Anchoring roof trusses by 16 mm. diameter steel bars in position including all fixtures and fastening etc. complete.

Rate as per PWD DSR-2006-07, I.No-24 P.No-11	64.00	Per Rg.M.
Add 5% corporation Charges	<u>3.20</u>	Per Rg.M.
Total	<u>67.20</u>	Per Rg.M.

23.00 Providing and fixing Mangalore tiles roofing with class "A" tiles including securing the last course of tiles near the eaves with steel flat 40 mm. X 3 mm. and 1.2 mm. wire fixing 50 mm. X 25 mm. horizontal teak wood battens and iron works and oiling the battens complete, (excluding ridge and hip tiles )

Rate as per PWD DSR-2006-07, I.No-277 P.No-115	248.00	Per SQM
Add 5% corporation Charges	<u>12.40</u>	Per SQM
Total	<u>260.40</u>	Per SQM

24.00 Providing and fixing Mangalore tile ridge and hip tiles of class "A" including scaffolding if necessary, pointing with coloured cement mortar and curing complete

Rate as per PWD DSR-2006-07, I.No-278 P.No-115	68.00	Per Rg.M.
Add 5% corporation Charges	<u>3.40</u>	Per Rg.M.
Total	<u>71.40</u>	Per Rg.M.

25.00 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</u>	Per SQM
Total	<u>47.25</u>	Per SQM

26.00 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

27.00 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	1.40	Per SQM
Total	<u>29.40</u>	Per SQM

28.00 Providing and fixing Decorative Facia 150 mm. wide and 20 mm. thick finished with veneer & cutting in required drawing & painting complete.

Rate as per PWD DSR-2006-07, I.No-266 P.No- 111	357.00	Per Rg.M.
Add 5% corporation Charges	17.85	Per Rg.M.
Total	<u>374.85</u>	Per Rg.M.

29.00 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	0.95	Per SQM
Total	<u>19.95</u>	Per SQM

30.00 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	1.50	Per SQM
Total	<u>31.50</u>	Per SQM

31.00 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	0.40	Per SQM
Total	<u>8.40</u>	Per SQM

32.00 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	11.25	Per SQM
Total	<u>236.25</u>	Per SQM

**LEAD CHART - SH 06**

Reference :- Irrigation Division, Nanded.

<b>S.No.</b>	<b>Name of Material</b>	<b>Total Lead in Km.</b>
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 = 13Km
5	Metal ( All Types)	18 - 5 = 13Km
6	Sand	26 - 5 = 21Km (say 20Km)
7	Murum	18 - 5 = 13Km