

**ABSTRACT OF COST - SH 10**

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

**29.01.2007**

<b>ITEM</b>	<b>Description of Item</b>	<b>Quantity</b>	<b>Rate</b>	<b>Unit</b>	<b>Amount</b>	<b>Reference</b>
						DSR-2006-07
1.00	Excavation for foundation in earth, soils of all types, sand, Gravel and soft murum, including removing the excavated material upto 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).	556.00	48.30	CUM	Rs 26,855.00	I.No-1 P.No-7
2.00	Providing and filling in the foundation with sand of approved quality including compaction complete.	125.00	164.65	CUM	Rs 20,581.00	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	166.00	236.10	CUM	Rs 39,193.00	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	82.00	174.75	CUM	Rs 14,330.00	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.)	85.00	1,857.00	CUM	Rs 157,845.00	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.	176.00	181.05	CUM	Rs 31,865.00	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.)	43.00	2,747.40	CUM	Rs 118,138.00	I.No-46 P.No-19
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) (7.60 Bag/ Cum.)	14.00	3,550.65	CUM	Rs 49,709.00	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.)	89.00	3,632.55	CUM	Rs 323,297.00	I.No-52 P.No-21

ITEM	Description of Item	Quantity	Rate	Unit	Amount	Reference
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.)	2.00	3,216.75	CUM	Rs 6,434.00	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.	14.11	40,143.60	MT	Rs 566,426.00	I.No-803 P.No-283
12.00	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	53.00	928.05	CUM	Rs 49,187.00	I.No-99 P.No-57
13.00	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.	37.00	1,237.80	CUM	Rs 45,799.00	I.No-103 P.No-57
14.00	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.	91.00	1,558.20	CUM	Rs 141,796.00	I.No-85 P.No- 51
15.00	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.	30.11	39,655.35	MT	Rs 1,194,023.00	I.No-23 P.No-11
16.00	Anchoring roof trusses by 16 mm. diameter steel bars in position including all fixtures and fastening etc. complete.	79.00	67.20	Rg.M	Rs 5,309.00	I.No-24 P.No-11
17.00	Providing and fixing corrugated galvanised iron sheet of 0.63 mm. thickfess (24 B.W.G.) for roofing without wind tiles including fastening with galvanised iron - screw and bolts and lead and bitumen washers as per drawing complete.	747.00	358.05	SQM	Rs 267,463.00	I.No-283 P.No-116
18.00	Providing and fixing valley gutter of 22 B.W.G. (0.63 mm. ) plain galvanised iron sheets 120cm. wide with country teak wood planking 20 mm. thick including two coats of coal-taring the upper surface of plank (excluding painting to under side of plank).	151.00	1141.35	Per Rg.M.	Rs 172,344.00	I.No-284 P.No-116

ITEM	Description of Item	Quantity	Rate	Unit	Amount	Reference
19.00	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	20.00	299.25	SQM	Rs 5,985.00	I.No-186 P.No-92
20.00	Providing and laying cement concrete flooring 50 mm. thick with 1:2:3 cement concrete laid to proper level and slope in alternate bays, including compaction, filling joints, marking lines to give appearance of tiles of 30 cm. X 30 cm. or other size laid diagonally/ square etc. finishing smooth (with extra cement) in any colour as directed and curing. complete.	210.00	148.05	SQM	Rs 31,091.00	I.No-169 P.No-87
21.00	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.	503.00	163.80	SQM	Rs 82,391.00	I.No-152 P.No-85
22.00	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.	865.00	78.75	SQM	Rs 68,119.00	I.No-139 P.No-80
23.00	Providing flush grooved pointing with cement mortar 1:3 for stone masonry work including scaffolding and curing complete.	10.00	29.40	SQM	Rs 294.00	I.No-147 P.No-82
24.00	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	865.00	19.95	SQM	Rs 17,257.00	I.No-245 P.No-57
25.00	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.	1,929.00	31.50	SQM	Rs 60,764.00	I.No-236 P.No-103
26.00	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.	1,929.00	8.40	SQM	Rs 16,204.00	I.No-245 P.No-105
<b>GRAND TOTAL</b>					<b>Rs 3,512,699.00</b>	

**DETAILS OF MEASUREMENT - SH 10**

**NAME OF WORK :- DPR for Construction of HAWKER'S Market 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>
			Meter	Meter	Meter	CUM	
	<u>Produce market Module -1 =2 Nos.</u>						
	<u>Produce market Module -2 =2 Nos.</u>						
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>Produce market Module -1 =2 Nos.</u>						
	<u>Internal size=16.40mx8.80m</u>						
	for F-1 footing ...columns =2*4nos	8.00	2.00	2.00	1.35	43.20	cum
	for F-2 footing ...columns =2*4nos	8.00	2.30	2.30	1.35	57.13	cum
	for open foundation ( stone) C/C =4*16.75+2*9.15	2.00	51.80	0.90	1.35	125.87	cum
	Less for common F-1 footing .. =2*4nos	-8.00	2.00	2.00	0.90	-28.80	cum
	Less for common F-2 footing .. =2*4nos	-8.00	2.30	2.30	0.90	-38.09	cum
	1.20m wide all round paving plinth	2.00	58.00	1.20	0.60	83.52	cum
	open foundation .. For Plat forms end	4.00	16.40	1.40	0.45	41.33	cum
	open foundation .. Mid Plate form	4.00	7.45	2.60	0.45	34.87	cum
	<u>Produce market Module -2 =2 Nos.</u>						
	<u>size=15.0mx5.4m</u>						
	for F-1 footing ...columns =2*8nos	16.00	2.00	2.00	1.35	86.40	cum
	for open foundation ( stone) C/C =2*14.85+2*5.15	2.00	39.40	0.90	1.35	95.74	cum
	Less for common F-1 footing .. =2*8nos	-16.00	2.00	2.00	0.90	-57.60	cum
	open foundation .. Mid Plate form	2.00	12.20	2.40	0.45	26.35	cum
	1.20m wide all round paving plinth	2.00	45.60	1.20	0.60	65.66	cum
	add provisional qutty					20.00	cum
						<b>TOTAL</b>	<b>555.59</b> cum
						<b>SAY</b>	<b>556.00</b> cum
2.00	Providing and filling in the foundation with sand of approved quality including compaction complete.						
	<u>Produce market Module -1 =2 Nos.</u>						
	<u>Internal size=16.50mx8.80m</u>						
	for F-1 footing ...columns =2*4nos	8.00	2.00	2.00	0.15	4.80	cum
	for F-2 footing ...columns =2*4nos	8.00	2.30	2.30	0.15	6.35	cum
	for open foundation ( stone) C/C =4*16.75+2*9.15	2.00	51.80	0.90	0.15	13.99	cum
	Less for common F-1 footing .. =4*4nos	-8.00	2.00	2.00	0.15	-4.80	cum
	Less for common F-2 footing .. =4*4nos	-8.00	2.30	2.30	0.15	-6.35	cum
	1.20m wide all round paving plinth	2.00	58.00	1.20	0.15	20.88	cum
	open foundation .. For Plat forms end	4.00	16.40	1.40	0.15	13.78	cum
	open foundation .. Mid Plate form	4.00	7.45	2.60	0.15	11.62	cum
	under floor	2.00	16.40	8.80	0.15	43.30	cum
	less for End plate form wall...	-4.00	16.40	1.20	0.15	-11.81	cum
	less for mid plate form wall...	-4.00	7.45	2.40	0.15	-10.73	cum
	<u>Produce market Module -2 =2 Nos.</u>						

I. No.	Item in Brief	No.	Length	Breadth	Height	Contents	unit
	<u>Internal size=14.50mx4.80m</u>						
	for F-1 footing ...columns =2*8nos	16.00	2.00	2.00	0.15	9.60	cum
	for open foundation ( stone) C/C						
	=2*14.85+2*5.15	2.00	39.40	0.90	0.15	10.64	cum
	Less for common F-1 footing .. =2*8nos	-16.00	2.00	2.00	0.15	-9.60	cum
	open foundation .. Mid Plate form	2.00	12.20	2.40	0.15	8.78	cum
	1.20m wide all round paving plinth	2.00	45.60	1.20	0.15	16.42	cum
	under floor	2.00	14.50	4.80	0.15	20.88	cum
	less for mid plate form wall...	-4.00	12.00	2.40	0.15	-17.28	cum
	add provisional qutty					5.00	cum
						<b>TOTAL</b>	<b>125.46</b> cum
						<b>SAY</b>	<b>125.00</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

Produce market Module -1 =2 Nos.

Internal size=16.50mx8.80m

	for F-1 footing ...columns =2*4nos	8.00	2.00	2.00	0.20	6.40	cum
	for F-2 footing ...columns =2*4nos	8.00	2.30	2.30	0.20	8.46	cum
	for open foundation ( stone) C/C						
	=4*16.75+2*9.15	2.00	51.80	0.90	0.20	18.65	cum
	Less for common F-1 footing .. =4*4nos	-8.00	2.00	2.00	0.20	-6.40	cum
	Less for common F-2 footing .. =4*4nos	-8.00	2.30	2.30	0.20	-8.46	cum
	1.20m wide all round paving plinth	2.00	58.00	1.20	0.20	27.84	cum
	open foundation .. For Plat forms end	4.00	16.40	1.40	0.20	18.37	cum
	open foundation .. Mid Plate form	4.00	7.45	2.60	0.20	15.50	cum
	under floor	2.00	16.40	8.80	0.20	57.73	cum
	less for End plate form wall...	-4.00	16.40	1.20	0.20	-15.74	cum
	less for mid plate form wall...	-4.00	7.45	2.40	0.20	-14.30	cum

Produce market Module -2 =2 Nos.

Internal size=14.50mx4.80m

	for F-1 footing ...columns =2*8nos	16.00	2.00	2.00	0.20	12.80	cum
	for open foundation ( stone) C/C						
	=2*14.85+2*5.15	2.00	39.40	0.90	0.20	14.18	cum
	Less for common F-1 footing .. =2*8nos	-16.00	2.00	2.00	0.20	-12.80	cum
	open foundation .. Mid Plate form	2.00	12.20	2.40	0.20	11.71	cum
	1.20m wide all round paving plinth	2.00	45.60	1.20	0.20	21.89	cum
	under floor	2.00	14.50	4.80	0.20	27.84	cum
	less for mid plate form wall...	-4.00	12.00	2.40	0.20	-23.04	cum
	add provisional qutty					5.00	cum
						<b>TOTAL</b>	<b>165.62</b> cum
						<b>SAY</b>	<b>166.00</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

Produce market Module -1 =2 Nos.

Internal size=16.50mx8.80m

	for F-1 footing ...columns =2*4nos	8.00	2.00	2.00	0.10	3.20	cum
	for F-2 footing ...columns =2*4nos	8.00	2.30	2.30	0.10	4.23	cum
	for open foundation ( stone) C/C						
	=4*16.75+2*9.15	2.00	51.80	0.90	0.10	9.32	cum
	Less for common F-1 footing .. =4*4nos	-8.00	2.00	2.00	0.10	-3.20	cum
	Less for common F-2 footing .. =4*4nos	-8.00	2.30	2.30	0.10	-4.23	cum
	1.20m wide all round paving plinth	2.00	58.00	1.20	0.10	13.92	cum

I. No.	Item in Brief	No.	Length	Breadth	Height	Contents	unit
	open foundation .. For Plat forms end	4.00	16.40	1.40	0.10	9.18	cum
	open foundation .. Mid Plate form	4.00	7.45	2.60	0.10	7.75	cum
	under floor	2.00	16.40	8.80	0.10	28.86	cum
	less for End plate form wall...	-4.00	16.40	1.20	0.10	-7.87	cum
	less for mid plate form wall...	-4.00	7.45	2.40	0.10	-7.15	cum
	<u>Produce market Module -2 =2 Nos.</u>						
	<u>Internal size=14.50mx4.80m</u>						
	for F-1 footing ...columns =2*8nos	16.00	2.00	2.00	0.10	6.40	cum
	for open foundation ( stone) C/C						
	=2*14.85+2*5.15	2.00	39.40	0.90	0.10	7.09	cum
	Less for common F-1 footing .. =2*8nos	-16.00	2.00	2.00	0.10	-6.40	cum
	open foundation .. Mid Plate form	2.00	12.20	2.40	0.10	5.86	cum
	1.20m wide all round paving plinth	2.00	45.60	1.20	0.10	10.94	cum
	under floor	2.00	14.50	4.80	0.10	13.92	cum
	less for mid plate form wall...	-4.00	12.00	2.40	0.10	-11.52	cum
	add provisional qutty					2.00	cum
	<b>TOTAL</b>					<b>82.31</b>	<b>cum</b>
	<b>SAY</b>					<b>82.00</b>	<b>cum</b>

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.)

Produce market Module -1 =2 Nos.

Internal size=16.50mx8.80m

	for F-1 footing ...columns =2*4nos	8.00	2.00	2.00	0.10	3.20	cum
	for F-2 footing ...columns =2*4nos	8.00	2.30	2.30	0.10	4.23	cum
	for open foundation ( stone) C/C						
	=4*16.75+2*9.15	2.00	51.80	0.90	0.10	9.32	cum
	Less for common F-1 footing .. =4*4nos	-8.00	2.00	2.00	0.10	-3.20	cum
	Less for common F-2 footing .. =4*4nos	-8.00	2.30	2.30	0.10	-4.23	cum
	1.20m wide all round paving plinth	2.00	58.00	1.20	0.10	13.92	cum
	open foundation .. For Plat forms end	4.00	16.40	1.40	0.10	9.18	cum
	open foundation .. Mid Plate form	4.00	7.45	2.60	0.10	7.75	cum
	under floor	2.00	16.40	8.80	0.10	28.86	cum
	less for End plate form wall...	-4.00	16.40	1.20	0.10	-7.87	cum
	less for mid plate form wall...	-4.00	7.45	2.40	0.10	-7.15	cum

Produce market Module -2 =2 Nos.

Internal size=14.50mx4.80m

	for F-1 footing ...columns =2*8nos	16.00	2.00	2.00	0.10	6.40	cum
	for open foundation ( stone) C/C						
	=2*14.85+2*5.15	2.00	39.40	0.90	0.10	7.09	cum
	Less for common F-1 footing .. =2*8nos	-16.00	2.00	2.00	0.10	-6.40	cum
	open foundation .. Mid Plate form	2.00	12.20	2.40	0.10	5.86	cum
	1.20m wide all round paving plinth	2.00	45.60	1.20	0.10	10.94	cum
	under floor	2.00	14.50	4.80	0.10	13.92	cum
	less for mid plate form wall...	-4.00	12.00	2.40	0.10	-11.52	cum
	add provisional qutty					5.00	cum

**TOTAL** 85.31 cum

**SAY** 85.00 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.

I. No.	Item in Brief	No.	Length	Breadth	Height	Contents	unit
	For back filling with non chesive materials						
	Total Earth Work as per i/no-1	1.00	555.59			555.59	cum
	Less for fillings ... as per i/no-2	-1.00	125.46			-125.46	cum
	Less for fillings ... as per i/no-3	-1.00	165.62			-165.62	cum
	Less for fillings ... as per i/no-5 except under floor	-1.00	85.31			-85.31	cum
	Less for RCC ... as per i/no-6	-1.00	42.98			-42.98	cum
	Less for masonary ... as per i/no-12	-1.00	53.41			-53.41	cum
	add or under floor	2.00	16.50	8.80	0.10	29.04	cum
	under floor	2.00	14.50	4.80	0.10	13.92	cum
	add provisional qutty					50.00	cum
						<b>TOTAL</b>	<b>175.77</b> cum
						<b>SAY</b>	<b>176.00</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.)

Produce market Module -1 =2 Nos.

	for F-1 footing ...columns =2*4nos	8.00	1.80	1.80	0.35	9.07	cum
	for F-2 footing ...columns =2*4nos	8.00	2.00	2.00	0.35	11.20	cum
	footings F-1.. Column base below plinth beam	16.00	0.45	0.45	0.55	1.78	cum

Produce market Module -2 =2 Nos.

	for F-1 footing ...columns =2*8nos	16.00	1.80	1.80	0.35	18.14	cum
	footings F-1.. Column base below plinth beam	16.00	0.45	0.45	0.55	1.78	cum
	add provisional qutty					1.00	cum

**TOTAL** 42.98 cum  
**SAY** **43.00** 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 Tf special finish is to be provided and curing etc. complete. (Excluding reinforcement) (7.60 Bag/ Cum.)

Produce market Module -1 =2 Nos.

	for columns 0.35x0.35=2*8nos	16.00	0.35	0.35	3.15	6.17	cum
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Produce market Module -2 =2 Nos.

	for columns 0.35x0.35=2*8nos	16.00	0.35	0.35	3.15	6.17	cum
	add provisional qutty					2.00	cum

**TOTAL** 14.35 cum  
**SAY** **14.00** cum

I. No.	Item in Brief	No.	Length	Breadth	Height	Contents	unit
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>Produce market Module -1 =2 Nos.</u>						
	Plinth beam C/C =2*16.75+4*9.15	2.00	51.80	0.35	0.60	21.76	cum
	Middle Tie 2 in each * 2nos	4.00	9.15	0.35	0.45	5.76	cum
	Allround roof beam C/C =2*16.75+2*9.16	2.00	51.80	0.35	0.60	21.76	cum
	Middle Tie 2 in each * 2nos	4.00	9.15	0.35	0.60	7.69	cum
	<u>Produce market Module -2 =2 Nos.</u>						
	Plinth beam C/C =2*14.65+2*5.15	2.00	39.40	0.35	0.45	12.41	cum
	Middle Tie 2 in each * 2nos	4.00	5.05	0.35	0.45	3.18	cum
	Allround lintel beam C/C =2*14.85+4*5.16	2.00	39.40	0.35	0.45	12.41	cum
	Middle Tie 2 in each * 2nos	4.00	5.05	0.35	0.45	3.18	cum
	add provisional qutty					1.00	cum
						<b>TOTAL</b>	<b>89.15</b> cum
						<b>SAY</b>	<b>89.00</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.)						
	for counter slab						
	add provisional qutty					2.00	cum
						<b>TOTAL</b>	<b>2.00</b> cum
						<b>SAY</b>	<b>2.00</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.						
	l/no- 6 foundation and footings	42.98	@	80.00 Kg/m		3438.40	Kg
	l/no- 7 columns	14.35	@	110.00 Kg/m		1578.28	Kg
	l/no- 8 beams and lintels	89.15	@	100.00 Kg/m		8914.75	Kg
	l/no- 9 slab	2.00	@	90.00 Kg/m		180.00	Kg
						<b>TOTAL</b>	<b>14111.43</b> Kg
						<b>SAY</b>	<b>14.11</b> M.T

I. No.	Item in Brief	No.	Length	Breadth	Height	Contents	unit
12.00	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>Produce market Module -1 =2 Nos.</u>						
	foundation ( stone) C/C =2*16.75+2*9.15	2.00	51.80	0.75	0.30	23.31	cum
		2.00	51.80	0.60	0.30	18.65	cum
	0.3m below plinth beam	2.00	51.80	0.45	0.30	13.99	cum
	foundation .. End Plate form	4.00	16.40	1.20	0.15	11.81	cum
	foundation .. Mid Plate form	4.00	7.45	2.40	0.15	10.73	cum
	Less for common portion of column =2*8nos	-16.00	0.45	0.45	0.55	-1.78	cum
	<u>Produce market Module -2 =2 Nos.</u>					0.00	
	for open foundation ( stone) C/C						
	=2*14.85+2*5.15	2.00	39.40	0.75	0.30	17.73	cum
		2.00	39.40	0.60	0.30	14.18	cum
		2.00	39.40	0.45	0.30	10.64	cum
	open foundation .. Mid Plate form	2.00	12.00	2.40	0.15	8.64	cum
	Less for common portion of column =2*8nos	-16.00	0.45	0.45	0.55	-1.78	cum
	add provisional gummy					4.00	cum
						<b>TOTAL</b>	<b>53.41</b> cum
						<b>SAY</b>	<b>53.00</b> cum
13.00	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>Produce market Module -1 =2 Nos.</u>						
	End Plate form	4.00	16.40	1.20	0.60	47.23	cum
	Mid Plate form	4.00	7.45	2.40	0.60	42.91	cum
	<u>Produce market Module -2 =2 Nos.</u>					0.00	
	Mid Plate form	2.00	12.00	2.40	0.60	34.56	cum
	add provisional gummy					2.00	cum
						<b>TOTAL</b>	<b>36.56</b> cum
						<b>SAY</b>	<b>37.00</b> cum
14.00	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.						
	<u>Produce market Module -2 =2 Nos.</u>						
	Above plinth C/C =2*16.75+2*9.15	2.00	51.80	0.35	3.00	108.78	cum
	<u>Less for openings</u>						
	D1 =2*4Nos	-8.00	1.50	0.35	2.40	-10.08	cum
	V1 =2*6 Nos	-12.00	2.40	0.35	1.20	-12.10	cum
	<u>Produce market Module -1 =2 Nos.</u>						
	add provisional gummy					4.00	cum
						<b>TOTAL</b>	<b>90.60</b> cum
						<b>SAY</b>	<b>91.00</b> cum

I. No.	Item in Brief	No.	Length	Breadth	Height	Contents	unit
15.00	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>Produce market Module -1 =2 Nos.</u>						
	trusses for sloping roofs =4*2sides*(7.70+19.10)/2	4.00	13.40	6.15		329.64 sqm	
	sloping roofs =0.5*4*2*6.15*(0+11.4)/2	4.00	5.70	6.15		140.22 sqm	
	<u>Produce market Module -2 =2 Nos.</u>					0.00	
	trusses for sloping roofs =4*2sides*(17.0+9.6)/2	4.00	13.30	4.00		212.80 sqm	
	sloping roofs =0.5*4*2*4*(0+7.4)/2	4.00	3.70	4.00		59.20 sqm	
	add provisional qutty					5.00 sqm	
						TOTAL	746.86 sqm
	@	40.00					29874.40 Kg.
	add provisional qutty for base plates etc	16.00	15.00				240.00 Kg.
						TOTAL	30114.40 Kg.
						<b>SAY</b>	<b>30.11</b> M.T
16.00	Anchoring roof trusses by 16 mm. diameter steel bars in position including all fixtures and fastening etc. complete.						
	<u>Produce market Module -1 =2 Nos.</u>						
	or trusses for sloping roofs=4*4*4nos	64.00	0.60 m			38.40 m	
	<u>Produce market Module -2 =2 Nos.</u>					0.00	
	or trusses for sloping roofs=4*4*4nos	64.00	0.60 m			38.40 m	
	add provisional qutty					2.00 m	
						TOTAL	78.80 m
						<b>SAY</b>	<b>79.00</b> m
17.00	Providing and fixing corrugated galvanised iron sheet of 0.63 mm. thickftess (24 B.W.G.) for roofing without wind tiles including fastening with galvanised iron - screw and bolts and lead and bitumen washers as per drawing complete.						
	<u>Produce market Module -1 =2 Nos.</u>						
	trusses for sloping roofs =2*2sides*(7.70+19.10)/2	4.00	13.40	6.15		329.64 sqm	
	sloping roofs =0.5*2*2*6.15*(0+11.4)/2	4.00	5.70	6.15		140.22 sqm	
	<u>Produce market Module -2 =2 Nos.</u>						
	trusses for sloping roofs =2*2sides*(17.0+9.6)/2	4.00	13.30	4.00		212.80 sqm	
	sloping roofs =0.5*2*2*4*(0+7.4)/2	4.00	3.70	4.00		59.20 sqm	
	add provisional qutty					5.00 sqm	
						TOTAL	746.86 sqm
						<b>SAY</b>	<b>747.00</b> sqm
18.00	Providing and fixing Ridge / valley gutter of 22 B.W.G. (0.63 mm. ) plain galvanised iron sheets 120cm. wide with country teak wood planking 20 mm. thick including two coats of coal-taring the upper surface of plank (excluding painting to under side of plank).						

I. No.	Item in Brief	No.	Length	Breadth	Height	Contents	unit
	<u>Produce market Module -1 =2 Nos.</u>						
	ridge for sloping roofs=2*4sides*8.7	8.00	8.70			69.60 m	
	top =2*7.7	2.00	7.70			15.40 m	
	<u>Produce market Module -1 =2 Nos.</u>					0.00	
	ridge for sloping roofs=2*4sides*5.65	8.00	5.65			45.20 m	
	top =2*9.6	2.00	9.60			19.20 m	
	add provisional qutty					2.00 m	
						<b>TOTAL</b>	151.40 m
						<b>SAY</b>	<b>151.00 m</b>
19.00	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>Produce market Module -1 &amp; 2 =4 Nos.</u>						
	taken provisional	4.00	5.00	sqm		20.00 sqm	
						<b>TOTAL</b>	20.00 sqm
						<b>SAY</b>	<b>20.00 sqm</b>
20.00	Providing and laying cement concrete flooring 50 mm. thick with 1:2:3 cement concrete laid to proper level and slope in alternate bays, including compaction, filling joints, marking lines to give appearance of tiles of 30 cm. X 30 cm. or other size laid diagonally/ square etc. finishing smooth (with extra cement) m any colour as directed and curing. complete.						
	<u>Produce market Module -1 =2 Nos.</u>						
	flooring on plate form... End	4.00	16.40	1.20		78.72 sqm	
	mid	4.00	7.45	2.40		71.52 sqm	
	<u>Produce market Module -2 =2 Nos.</u>					0.00	
	flooring on plate form... mid	2.00	12.00	2.40		57.60 sqm	
	add provisional qutty					2.00 sqm	
						<b>TOTAL</b>	209.84 sqm
						<b>SAY</b>	<b>210.00 sqm</b>
21.00	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>Produce market Module -1 =2 Nos.</u>						
	All flooring	2.00	16.40	8.80		288.64 sqm	
	less... plate form... End	-4.00	16.40	1.20		-78.72 sqm	
	mid	-4.00	7.45	2.40		-71.52 sqm	
	1.20m wide all round paving plinth	2.00	58.00	1.20		139.20 sqm	
	<u>Produce market Module -2 =2 Nos.</u>					0.00	
	All flooring	2.00	15.00	5.40		162.00 sqm	
	less... plate form... mid	-2.00	12.00	2.40		-57.60 sqm	
	1.20m wide all round paving plinth	2.00	46.20	1.20		110.88 sqm	
	add provisional qutty					10.00 sqm	

I. No.	Item in Brief	No.	Length	Breadth	Height	Contents	unit
						TOTAL	502.88 sqm
						<b>SAY</b>	<b>503.00</b> sqm
22.00	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>Produce market Module -1 =2 Nos.</u>						
	for open foundation ( stone) C/C =4*16.75+2*9.15	4.00	51.80	3.13		648.54	sqm
	for plate form wall... End	4.00	35.20	0.60		84.48	sqm
	mid	4.00	19.70	0.60		47.28	sqm
	Less for openings					0.00	
	D1 =2*4Nos	-16.00	1.50	3.00		-72.00	sqm
	V1 =2*6Nos	-24.00	1.50	3.00		-108.00	sqm
	<u>Produce market Module -2 =2 Nos.</u>					0.00	sqm
	Column	16.00	1.40	3.15		70.56	sqm
	Beamat roof Level C/C=2*14.75+2*5.05	2.00	39.60	1.60		126.72	sqm
	mid	2.00	52.80	0.60		63.36	sqm
	add provisional qutty					4.00	sqm
						TOTAL	864.94 sqm
						<b>SAY</b>	<b>865.00</b> sqm
23.00	Providing flush grooved pointing with cement mortar 1:3 for stone masonry work including scaffolding and curing complete.						
	<u>Produce market Module -1 =2 Nos.</u>						
	add provisional qutty					10.00	sqm
						TOTAL	10.00 sqm
						<b>SAY</b>	<b>10.00</b> sqm
24.00	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>Produce market Module -1 =2 Nos.</u>						
	for open foundation ( stone) C/C =4*16.75+2*9.15	4.00	51.80	3.13		648.54	sqm
	for plate form wall... End	4.00	35.20	0.60		84.48	sqm
	mid	4.00	19.70	0.60		47.28	sqm
	Less for openings					0.00	
	D1 =2*4Nos	-16.00	1.50	3.00		-72.00	sqm
	V1 =2*6Nos	-24.00	1.50	3.00		-108.00	sqm
	<u>Produce market Module -2 =2 Nos.</u>					0.00	sqm
	Column	16.00	1.40	3.15		70.56	sqm
	Beamat roof Level C/C=2*14.75+2*5.05	2.00	39.60	1.60		126.72	sqm
	mid	2.00	52.80	0.60		63.36	sqm
	add provisional qutty					4.00	sqm
						TOTAL	864.94 sqm
						<b>SAY</b>	<b>865.00</b> sqm

I. No.	Item in Brief	No.	Length	Breadth	Height	Contents	unit
25.00	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>Produce market Module -1 =2 Nos.</u>					coeff.	
	trusses for sloping roofs = $4 \times 2 \text{sides} \times (7.70 + 19.10) / 2$	4.00	13.40	6.15	2.60	857.06	sqm
	sloping roofs = $0.5 \times 4 \times 2 \times 6.15 \times (0 + 11.4) / 2$	4.00	5.70	6.15	2.60	364.57	sqm
	<u>Produce market Module -2 =2 Nos.</u>					2.60	0.00 sqm
	trusses for sloping roofs = $4 \times 2 \text{sides} \times (17.0 + 9.6) / 2$	4.00	13.30	4.00	2.60	553.28	sqm
	sloping roofs = $0.5 \times 4 \times 2 \times 4 \times (0 + 7.4) / 2$	4.00	3.70	4.00	2.60	153.92	sqm
						<b>TOTAL</b>	1928.84 sqm
						<b>SAY</b>	<b>1929.00</b> sqm
26.00	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>Produce market Module -1 =2 Nos.</u>					coeff.	
	trusses for sloping roofs = $4 \times 2 \text{sides} \times (7.70 + 19.10) / 2$	4.00	13.40	6.15	2.60	857.06	sqm
	sloping roofs = $0.5 \times 4 \times 2 \times 6.15 \times (0 + 11.4) / 2$	4.00	5.70	6.15	2.60	364.57	sqm
	<u>Produce market Module -2 =2 Nos.</u>					2.60	0.00 sqm
	trusses for sloping roofs = $4 \times 2 \text{sides} \times (17.0 + 9.6) / 2$	4.00	13.30	4.00	2.60	553.28	sqm
	sloping roofs = $0.5 \times 4 \times 2 \times 4 \times (0 + 7.4) / 2$	4.00	3.70	4.00	2.60	153.92	sqm
						<b>TOTAL</b>	1928.84 sqm
						<b>SAY</b>	<b>1929.00</b> sqm

**ANALYSIS OF RATE - SH 10**

**NAME OF WORK :- DPR for Construction of HAWKER'S Market at left side bank ZONE N-III,  
29.01.2007**

<b>ITEM</b>	<b>Description of Item</b>	<b>Rate</b>	<b>Unit</b>
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		
		<u>53.71</u>	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

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	<u>171.84</u>	Per CUM

Total	3632.53	Per CUM
say	<u>3632.55</u>	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 $= (204.08-84.73)*0.45$		
	<u>53.71</u>	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	<u>3216.73</u>	Per CUM
say	<u>3216.75</u>	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	<u>33,232.00</u>	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><u>40,143.60</u></b>	Per M.T.

12.00 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 $= (182.68-103.66)$	<u>79.02</u>	Per CUM
Total	867.02	Per CUM
Add royalty charge	17.67	Per CUM
Add 5% corporation Charges	43.35	Per CUM
Total	<u>928.04</u>	Per CUM
say	<u>928.05</u>	Per CUM

13.00 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 $= (182.68-103.66)$	<u>79.02</u>	Per CUM
Total	1162.02	Per CUM
Add royalty charge	17.67	Per CUM
Add 5% corporation Charges	58.10	Per CUM
Total	<u>1237.79</u>	Per CUM
say	<u>1237.80</u>	Per CUM

14.00 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	<u>37,767.00</u>	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.

15.00 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.

16.00 Providing and fixing corrugated galvanised iron sheet of 0.63 mm. thickness (24 B.W.G.) for roofing without wind tiles including fastening with galvanised iron -screw and bolts and lead and bitumen washers as per drawing complete.

Rate as per PWD DSR-2006-07, I.No-283 P.No-116	341.00	Per SQM
Add 5% corporation Charges	<u>17.05</u>	Per SQM
Total	<u>358.05</u>	Per SQM

17.00 Providing and fixing valley gutter of 22 B.W.G. (0.63 mm. ) plain galvanised iron sheets 120cm. wide with country teak wood planking 20 mm. thick including two coats of coal-tarring the upper surface of plank (excluding painting to under side of plank).

Rate as per PWD DSR-2006-07, I.No-284 P.No -116	1087.00	Per Rg.M.
Add 5% corporation Charges	<u>54.35</u>	Per Rg.M.
Total	<u>1141.35</u>	Per Rg.M.

18.00 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

19.00 Providing and laying cement concrete flooring 50 mm. thick with 1:2:3 cement concrete laid to proper level and slope in alternate bays, including compaction, filling joints, marking lines to give appearance of tiles of 30 cm. X 30 cm. or other size laid diagonally/ square etc. finishing smooth (with extra cement) in any colour as directed and curing. complete.

Rate as per PWD DSR-2006-07, I.No-169 P.No-87	141.00	Per SQM
Add 5% corporation Charges	<u>7.05</u>	Per SQM
Total	<u>148.05</u>	Per SQM

20.00 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</u>	Per sqm
Total	<u>163.80</u>	Per sqm

21.00 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

22.00 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

23.00 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

24.00 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

25.00 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

### LEAD CHART - SH 10

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 = 13Km
5	Metal ( All Types)	18 - 5 = 13Km
6	Sand	26 - 5 = 21Km (say 20Km)
7	Murum	18 - 5 = 13Km