

ABSTRACT OF COST - SH 13

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

29.01.2007

ITEM	Description of Item	Quantity	Rate	Unit	Amount	Reference
					PWD DSR-2006-07	
1.00	Excavation for foundation including shoring and strutting as necessary and disposing off excavated stuff as directed In earth, soils of all type sand, gravel, soft murum etc. complete (excluding dewatering if separately provided etc. complete) as directed by Engineer in charge for depth-of-1.5m.	272.00 CUM	134.05	CUM	Rs 36,462.00	, Item no-751, P-270
2.00	Excavation for foundation In hard murum and boulders upto 0.3 cum. to 0.20 cum. size including shoring and strutting as necessary and disposing off excavated stuff as directed excluding dewatering if separately provided etc. complete as directed by Engineer in charge	136.00 CUM	155.05	CUM	Rs 21,087.00	Item no-753, P-270
3.00	Excavation for foundation in soft rock including shoring and strutting as necessary and disposing off excavated stuff as directed, excluding dewatering if separately provided etc. complete as directed by Engineer in charge	136.00 CUM	201.25	CUM	Rs 27,370.00	Item no-755, P-271
4.00	Excavation for foundation In hard rock by chiselling, wedged or line drilled including control blasting if necessary, shoring and strutting as necessary and disposing off excavated stuff as directed, or stacked etc. complete (excluding dewatering if separately provided) as directed by Engineer in charge.	82.00 CUM	494.10	CUM	Rs 40,516.00	Item no-757, P-271
5.00	Dewatering including diversion of stream, providing cofferdam, bunds etc. as may be necessary for foundation and other parts of work and bailing out and pumping out water below the actual initial natural water level for start of that particular component till completion of bridge etc. complete as directed by Engineer in charge. a) Raft, cut off wall	354.00 CUM	513.45	CUM	Rs 181,761.00	I.No-762(c) P.No-272
6.00	Providing and filling with approved Sand, shingle below raft including watering, compaction etc. complete as directed by Engineer in charge.	82.00 CUM	252.35	CUM	Rs 20,693.00	Item no-759, P-271
7.00	Providing dry trap/ granite/ quartzite/ gneiss rubble stone soling 15 cm. to 20 cm. thick including hand packing and compacting complete	63.00 CUM	216.60	CUM	Rs 13,646.00	Item no-17 P.No-10
8.00	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	27.00 CUM	174.75	CUM	Rs 4,718.00	Item no-737 P.No-266

ITEM	Description of Item	Quantity	Rate	Unit	Amount	Reference
9.00	Providing and laying in situ cement concrete in 1:5:10 of trap/ granite/ quartzite/ gneiss metal for foundation and bedding including bailing out water, form work, compacting, finishing if required and curing etc. complete.	27.00 CUM	1,241.65	CUM	Rs 33,525.00	I.No-32 P.No-16
10.00	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)	72.00 CUM	2,747.40	CUM	Rs 197,813.00	I.No-46 P.No-19
11.00	Providing and laying in situ controlled reinforced cement concrete of M-20 for cut off walls, Walls (of any thickness) including form work, scaffolding, compaction, by vibrating, finishing, curing etc. complete as directed by Engineer in charge. (7.60 bags/ Cum.)	72.00 CUM	3,252.45	CUM	Rs 234,176.00	I.No-764 P.No-273
12.00	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.	12.24 MT	40,143.60	MT	Rs 491,358.00	I.No-803 P.No-283
13.00	Providing earth work for embankment with approved materials obtained by excavation from departmental land or other sources including all lifts and leads upto 50 m, laying in layers of 20 cm. to 30 cm. thickness breaking clods, dressing to the required lines, curves, grade and section, watering and Compaction with power roller etc. complete as directed by Engineer in charge.	410.00 CUM	36.75	CUM	Rs 15,068.00	I.No-655 P.No-232
14.00	Add for providing richer mixes respectively at all level. (I) Providing M-30 grade RCC instead of M-20 or 1: 1½ :3 or grade RCC.	144.00 CUM	457.30	CUM	Rs 65,851.00	A.R. No-15 attached
15.00	Providing structural tubular steel works in trusses, other similar trussed purlins and members-with all bracing, gusset plates etc.(heavy duty for bridges). 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.	91.88 M.T.	49,097.10	M.T.	Rs 4,511,042.00	I.No-23 P.No-11
16.00	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.	913.00	31.50	SQM	Rs 28,760.00	I.No-236 P.No-103

ITEM	Description of Item	Quantity	Rate	Unit	Amount	Reference
17.00	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.	SQM 913.00 SQM	8.40	SQM	Rs 7,669.00	I.No-245 P.No-105
GRAND TOTAL					Rs 5,931,515.00	

DETAILS OF MEASUREMENT - SH 13

**NAME OF WORK :- DPR for Construction of Promenade Nallah Bridge at left side bank ZONE N-III,
29.01.2007**

I. No.	Item in Brief	No.	Length Meter	Breadth Meter	Height Meter	Contents CUM	unit
	<u>Nallah bridges =20 Nos.</u> <u>Nall bridge .. Clear span =3.00m</u>						
1.00	Excavation for foundation including shoring and strutting as necessary and disposing off excavated stuff as directed In earth, soils of all type sand, gravel, soft murum etc. complete (excluding dewatering if separately provided etc. complete) as directed by Engineer in charge for depth-of-1.5m.						
	<u>Nallah bridges =20 Nos.</u> for long. (Section "A"). end toe wall 0.30m thick at bank of river (1.0m depth for soil+1.30m for rocks).....foundation =20*2	40.00	4.00	1.70	1.00	272.00	cum
						TOTAL	272.00 cum
						SAY	272.00 cum
2.00	Excavation for foundation In hard murum and boulders upto 0.3 cum. to 0.20 cum. size including shoring and strutting as necessary and disposing off excavated st						
	<u>Nallah bridges =20 Nosx2side</u> for long... end toe wall 0.30m thick at bank of river	40.00	4.00	1.70	0.50	136.00	cum
						TOTAL	136.00 cum
						SAY	136.00 cum
3.00	Excavation for foundation in soft rock including shoring and strutting as necessary and disposing off excavated stuff as directed,						
	<u>Nallah bridges =20 Nosx2side</u> for long... end toe wall 0.30m thick at bank of river	40.00	4.00	1.70	0.50	136.00	cum
						TOTAL	136.00 cum
						SAY	136.00 cum
4.00	Excavation for foundation In hard rock by chiselling, wedged or line drilled including control blasting						
	<u>Nallah bridges =20 Nosx2side</u> for long... end toe wall 0.30m thick at bank of river	40.00	4.00	1.70	0.30	81.60	cum
						TOTAL	81.60 cum
						SAY	82.00 cum
5.00	Dewatering including diversion of stream, providing cofferdam, bunds etc. as may be necessary for foundation and other parts of work and bailing out and pumping out						
	<u>Nallah bridges =20 Nos.</u> qutty of Hard muram					136.00	cum
	qutty of soft rock					136.00	cum
	qutty of Hard rock					81.60	cum
						TOTAL	353.60 cum
						SAY	354.00 cum

I. No.	Item in Brief	No.	Length	Breadth	Height	Contents	unit
6.00	Providing and filling with approved Sand, shingle below raft including watering, compaction etc. ... <u>Nallah bridges =20 Nos.</u> <u>Under floor ...below the base slab0.30m thick sand filling over ground</u> <u>Below the foundation</u> for long... end toe wall 0.30m thick at bank of river	40.00	4.00	1.70	0.30	81.60	cum
					TOTAL	81.60	cum
					SAY	82.00	cum
7.00	Providing dry trap/ granite/ quartzite/ gneiss rubble stone soling 15 cm. to 20 cm. thick including hand packing and compacting <u>Nallah bridges =20 Nos.</u> <u>Under floor ...below the base slab0.23m thick stone soling/ filling over sand</u> <u>Below the foundation</u> for long... end toe wall 0.30m thick at bank of river	40.00	4.00	1.70	0.23	62.56	cum
					TOTAL	62.56	cum
					SAY	63.00	cum
8.00	Providing selected hard murum filling including laying in layers of 15 cm. to 20 cm. thick layers including watering and compacting etc. <u>Nallah bridges =20 Nos.</u> <u>Under floor ...below the base slab0.10m thick muram filling/ grouting for stone soling</u> <u>Below the foundation</u> for long... end toe wall 0.30m thick at bank of river	40.00	4.00	1.70	0.10	27.20	cum
					TOTAL	27.20	cum
					SAY	27.00	cum
9.00	Providing and laying in situ cement concrete in 1:5:10 of trap/ granite/ quartzite/ gneiss metal for foundation and bedding including bailing out water, form work, compacting, <u>Nallah bridges =20 Nos.</u> <u>Below the foundation</u> for long... end toe wall 0.30m thick at bank of river	40.00	4.00	1.70	0.10	27.20	cum
					TOTAL	27.20	cum
					SAY	27.00	cum

I. No.	Item in Brief	No.	Length	Breadth	Height	Contents	unit
10.00	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 <u>Nallah bridges =20 Nos.</u> <u>Below the foundation</u> for long... end toe wall 0.30m thick at bank of river	40.00	4.00	1.50	0.30	72.00	cum
					TOTAL	72.00	cum
					SAY	72.00	cum
11.00	Providing and laying in situ controlled reinforced cement concrete of M-20 for cut off walls, Walls (of any thickness) including form work, scaffolding, compaction, by vibrating, finishing, curing etc. complete as directed by Engineer in charge. (7.60 bags/ Cum.) <u>Nallah bridges =20 Nos.</u> for long... end toe wall 0.30m thick at bank of river	40.00	4.00	0.30	<u>Avg. Ht.</u> 1.50	72.00	cum
					TOTAL	72.00	cum
					SAY	72.00	cum
12.00	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.... <u>Nallah bridges =20 Nos.</u> for portion of RCC as per i/no I/no- 11 raft, strip foundation and footings I/no- 12 ... cut off walls, Walls	72.00	@	80.00	Kg/m	5760.00	Kg
		72.00	@	90.00	Kg/m	6480.00	Kg
					TOTAL	12240.00	Kg
					SAY	12.24	M.T
13.00	Providing earth work for embankment with approved materials obtained by excavation from departmental land or other sources including all lifts and leads upto 50 m, laying in layers of 20 cm. to 30 cm. thickness breaking clods, dressing to the required lines, curves, grade and section, watering and Compaction with power roller etc. complete as directed by Engineer in charge. <u>Nallah bridges =20 Nos.</u> for back filling in foundations of walls etc. takenas area for filling =67% foundation... for long... end toe wall 0.30m thick at bank of river =1*67%	0.67	160.00	1.65	2.32	410.36	cum
					TOTAL	410.36	cum
					SAY	410.00	cum

I. No.	Item in Brief	No.	Length	Breadth	Height	Contents	unit
14.00	Add for providing richer mixes respectively at all level. (I) Providing M-30 grade RCC instead of M-20 or 1: 1½ :3 or grade RCC. <u>Nallah bridges =20 Nos.</u> for portion of RCC as per i/no						
	I/no- 10 raft, strip foundation and footings	1.00	72.00	cum		72.00	cum
	I/no- 11 ... cut off walls, Walls	1.00	72.00	cum		72.00	cum
						TOTAL	144.00 cum
						SAY	144.00 cum
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>Nallah bridges =20 Nos.</u>						
	Bottom area of bridges	20.00	5.25	2.50		262.50	sqm
						TOTAL	262.50 sqm
	@	200.00				Kg/sqm	52500.00 Kg.
	side raling of bridges	40.00	5.25	1.50		315.00	sqm
						TOTAL	315.00 sqm
	@	125.00				Kg/sqm	39375.00 Kg.
						TOTAL	91875.00 Kg.
						SAY	91.88 M.T
16.00	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>Nallah bridges =20 Nos.</u>						
	Bottom area of bridges	20.00	5.25	2.50	2.00	262.50	sqm
	side raling of bridges	40.00	5.25	1.50	2.00	630.00	sqm
	add provisional qutty					20.00	sqm
						TOTAL	912.50 sqm
						SAY	913.00 cum
17.00	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>Nallah bridges =20 Nos.</u>						
	Bottom area of bridges	20.00	5.25	2.50	2.00	262.50	sqm
	side raling of bridges	40.00	5.25	1.50	2.00	630.00	sqm
	add provisional qutty					20.00	sqm
						TOTAL	912.50 sqm
						SAY	913.00 cum

ANALYSIS OF RATE - SH 13

Item No- 14 - -Add for providing richer mixes respectively at all level.

(I) Providing M-30 grade RCC instead of M-20 grade RCC.

Analysis of Rate on DSR-2006-07

Details of cost for 1.0 cum

DESCRIPTION	UNIT	QTY	RATE	COST	REFERENCE
Cement (1.90bag/cum)	M.T.	0.0950	3990.00	379.05	
carraige of cement	M.T.	0.0950	136.60	12.98	
TOTAL	*****	*****		392.03	
Add For water charges @ 1%	392.03	1.00	%	3.92	
TOTAL	*****	*****		395.95	
Add For contractor's profit & over head @10%	395.95	*****		39.59	
Cost for 1.00 cum -TOTAL	*****	*****	Rs	435.54	

ANALYSIS OF RATE - SH 13

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

29.01.2007

ITEM	Description of Item	Rate	Unit
1.00	Excavation for foundation including shoring and strutting as necessary and disposing off excavated stuff as directed In earth, soils of all type sand, gravel, soft murum etc. complete (excluding dewatering if separately provided etc. complete) as directed by Engineer in charge for depth-of-1.5m.		
	Rate as per PWD DSR-2006-07, Item no- 751, P-270	61.00	Per CUM
	add conveying & shifting upto 3Km Lead	66.68	Per CUM
	Total	127.68	Per CUM
	Add 5% corporation Charges	6.38	Per CUM
	Total	134.06	Per CUM
	say	134.05	Per CUM
2.00	Excavation for foundation In hard murum and boulders upto 0.3 cum. to 0.20 cum. size including shoring and strutting as necessary and disposing off excavated stuff as directed excluding dewatering if separately provided etc. complete as directed by Engineer in charge		
	Rate as per PWD DSR-2006-07, Item no- 753, P-270	81.00	Per CUM
	add conveying & shifting upto 3Km Lead	66.68	Per CUM
	Total	147.68	Per CUM
	Add 5% corporation Charges	7.38	Per CUM
	Total	155.06	Per CUM
	say	155.05	Per CUM
3.00	Excavation for foundation in soft rock including shoring and strutting as necessary and disposing off excavated stuff as directed, excluding dewatering if separately provided etc. complete as directed by Engineer in charge		
	Rate as per PWD DSR-2006-07, Item no- 755, P-271	125.00	Per CUM
	add conveying & shifting upto 3Km Lead	66.68	Per CUM
	Total	191.68	Per CUM
	Add 5% corporation Charges	9.58	Per CUM
	Total	201.26	Per CUM
	say	201.25	Per CUM
4.00	Excavation for foundation In hard rock by chiselling, wedged or line drilled including control blasting if necessary, shoring and strutting as necessary and disposing off excavated stuff as directed, or stacked etc. complete (excluding dewatering if separately provided) as directed by Engineer in charge.		
	Rate as per PWD DSR-2006-07, Item no- 757, P-271	389.00	Per CUM
	add conveying & shifting upto 3Km Lead	81.57	Per CUM
	Total	470.57	Per CUM
	Add 5% corporation Charges	23.53	Per CUM
	Total	494.10	Per CUM
	say	494.10	Per CUM
5.00	Dewatering including diversion of stream, providing cofferdam, bunds etc. as may be necessary for foundation and other parts of work and bailing out and pumping out water below the actual initial natural water level for start of that particular component till completion of bridge etc. complete as directed by Engineer in charge.		
	a) Raft, cut off wall		
	Rate as per PWD DSR-2006-07, Item no- 762-(c), P-272	489.00	Per CUM

Add 5% corporation Charges	24.45 Per CUM
Total	<u>513.45 Per CUM</u>

6.00 Providing and filling with approved Sand, shingle below raft including watering, compaction etc. complete as directed by Engineer in charge.

Rate as per PWD DSR-2006-07, Item no- 759, P-271	162.00 Per CUM
add Lead charges 13Km $=(149.32-84.73)$	<u>64.59 Per CUM</u>
Total	226.59 Per CUM
Add royalty charge	17.67 Per CUM
Add 5% corporation Charges	8.10 Per CUM
Total	<u>252.36 Per CUM</u>
say	<u>252.35 Per CUM</u>

7.00 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 12Km $=(149.02-88.58)$	<u>60.44 Per CUM</u>
Total	189.44 Per CUM
Add royalty charge	17.67 Per CUM
Add 5% corporation Charges	9.47 Per CUM
Total	<u>216.58 Per CUM</u>
say	<u>216.60 Per CUM</u>

8.00 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 $=(149.32-84.73)$	<u>64.59 Per CUM</u>
Total	149.59 Per CUM
Add royalty charge	17.67 Per CUM
Add 5% corporation Charges	7.48 Per CUM
Total	<u>174.74 Per CUM</u>
say	<u>174.75 Per CUM</u>

9.00 Providing and laying in situ cement concrete in 1:5:10 of trap/ granite/ quartzite/ gneiss metal for foundation and bedding including bailing out water, form work, compacting, finishing if required and curing etc. complete.

Rate as per PWD DSR-2006-07, I.No-32 P.No-16	1042.00 Per CUM
add Lead charges for stone 13Km $=(149.32-84.73)*0.94$	60.71 Per CUM
add Lead charges for sand 20Km $=(204.08-84.73)*0.47$	<u>56.09 Per CUM</u>
Total	1158.81 Per CUM
Add royalty charge $=17.67*(0.94+0.47)$	24.91 Per CUM
Add 5% corporation Charges	57.94 Per CUM
Total	<u>1241.66 Per CUM</u>
say	<u>1241.65 Per CUM</u>

10.00 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 $=(149.32-84.73)*0.9$	<u>58.13 Per CUM</u>

add Lead charges for sand 20Km $= (204.08 - 84.73) * 0.45$	53.71 Per CUM
Total	2593.84 Per CUM
Add royalty charge $= 17.67 * (0.90 + 0.45)$	23.85 Per CUM
Add 5% corporation Charges	129.69 Per CUM
Total	2747.38 Per CUM
say	2747.40 Per CUM

11.00 Providing and laying in situ controlled reinforced cement concrete of M-20 for cut off walls including form work, scaffolding, compaction, by vibrating, finishing, curing etc. complete as directed by Engineer in charge. (7.60 bags/ Cum.)

Rate as per PWD DSR-2006-07, I.No-764 P.No-273	2963.00 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	3074.84 Per CUM
Add royalty charge $= 17.67 * (0.90 + 0.45)$	23.85 Per CUM
Add 5% corporation Charges	153.74 Per CUM
Total	3252.43 Per CUM
say	3252.45 Per CUM

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

With anti corrosive treatment either by CPCC or by FBEC.

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

13.00 Providing earth work for embankment with approved materials obtained by excavation from departmental land or other sources including all lifts and leads upto 50 m, laying in layers of 20 cm. to 30 cm. thickness breaking clods, dressing to the required lines, curves, grade and section, watering and Compaction with power roller etc. complete as directed by Engineer in charge.

Rate as per PWD DSR-2005-06, I.No-655 P.No-232	35.00 Per CUM
Add 5% corporation Charges	1.75 Per CUM
Total	36.75 Per CUM
say	36.75 Per CUM

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

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

15.00 Add for providing richer mixes respectively at all level.

(I) Providing M-30 grade RCC instead of M-20 or 1: 1½ :3 or grade RCC.

Rate as per Rate Analysis	435.54 Per CUM
Add 5% corporation Charges	21.78 Per CUM
Total	<u>457.32 Per CUM</u>
say	<u>457.30 Per CUM</u>

16.00 Providing structural tubular steel works in trusses, other similar trussed purlins and members-with all bracing, gusset plates etc.(heavy duty for bridges). 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.
add 25% for Using the Tubes (heavy duty) for bridges.	9,441.75 Per M.T.
Total	<u>47,208.75 Per M.T.</u>
Add 5% corporation Charges	1,888.35 Per M.T.
Total	<u>49,097.10 Per M.T.</u>

17.00 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 Per SQM</u>

18.00 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 Per SQM</u>

LEAD CHART - SH 13

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