

ABSTRACT OF COST - SH 15

NAME OF WORK :- DPR for Development of Land Garden & railing etc. at left side bank ZONE N-III, Nanded.

29.01.2007

ITEM	Description of Item	Quantity	Rate	Unit	Amount	Reference
1.00	Excavating the ground to required depth of 30 cms removing and conveying unwanted stuff to a required distance as directed. Filling fresh garden soil & manure in excavated area in 2:1 proportion to a height of 30cms. Mixing garden soil and manure thoroughly levelling, wearing on previous night planting required variety of lawn grass s directed and maintaining till well established by watering, weeding, clipping, rolling etc. complete	18,738.00	150.95	Per SQM	Rs 2,828,501.00	A. R attached
2.00	Excavating the ground to required depth of 30cms, removing and conveying unwanted stuff to a required distance as directed. Filling fresh garden soil & manure in excavated area in 2:1 proportion to a height of 30 cms. Mixing garden soil and manure thoroughly, levelling, watering on previous night, planting seedlings of required annuals 25 cms apart, maintaining till well established by watering, weeding, stirring, replacing of causalities etc. complete. preparation of flower beds)	7,495.00	150.95	Per SQM	Rs 1,131,370.00	A. R attached
3.00	Excavating the ground to required depth of 30cms, removing and conveying unwanted stuff to a required distance as directed. Filling fresh garden soil & manure in excavated area in 3:1 proportion to a height of 30 cms. Mixing garden soil and manure thoroughly, levelling, watering on previous night, planting well-rooted shrubs 0.50 m apart as directed and maintaining till well established by watering, weeding, stirring, replacing of causalities etc. complete. preparing shrubbery)	7,495.00	210.00	Per SQM	Rs 1,573,950.00	A. R attached

ITEM	Description of Item	Quantity	Rate	Unit	Amount	Reference
4.00	Excavating the ground to required depth of 30cms, removing and conveying unwanted stuff to a required distance as directed. Preparing ground with different levels and slopes (Mounds) as per requirement by using approved excavated material and garden soil & manure. Filling or raising the area with fresh garden soil & manure in 2:1 proportion to a height of 30 cms. Mixing garden soil and manure thoroughly, levelling, watering on previous night, planting well-established ornamental plants suitable for rock garden 1:00 m apart as directed. Arranging rock pieces, pebbles of different size, shapes and colours in aesthetic manner, maintaining till well established by watering, weeding, stirring, replacing of causalities, etc, complete preparation of rock garden)	6,748.00	590.65	Per SQM	Rs 3,985,706.00	A. R attached
5.00	Excavating pit with size 0.3*0.3*0.3 m, removing and conveying unwanted stuff to a required distance as directed. Filling the pit with fresh garden soil & manure thoroughly well, levelling, watering on previous night, planting 40 to 50 cms height healthy plant of required rose variety, maintaining till well established by watering, weeding, stirring, replacing of causalities, etc. complete.	6,748.00	85.30	Per Nos.	Rs 575,604.00	I.No-643 P.No-145
6.00	Digging pit with size 0.90*0.90*0.90 m., removing and conveying unwanted stuff to a required distance as directed. Filling the pit with approved excavated material up to a height of 0.30 m and remaining height of 0.60 m with fresh garden soil & manure thoroughly well, levelling, watering on previous night, planting one or two year old healthy trees sapling as per specifications, maintaining till well established by watering, weeding, stirring, replacing of causalities, etc. complete. (planting large flowering/shady trees)	3,374.00	170.65	Per Nos.	Rs 575,773.00	A. R attached
7.00	Providing and filling with approved Sand, shingle on ground including watering, compaction etc. complete as directed by Engineer in charge.	3,374.00 CUM	252.35	CUM	Rs 851,429.00	Item no-759, P-271
8.00	Providing dry trap/ granite/ quartzite/ gneiss rubble stone soling 15 cm. to 20 cm. thick including hand packing and compacting complete	2,699.00 CUM	236.10	CUM	Rs 637,234.00	I.No-17 P.No-10

ITEM	Description of Item	Quantity	Rate	Unit	Amount	Reference
9.00	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	4,049.00 CUM	174.75	CUM	Rs 707,563.00	I.No-737 P.No-266
10.00	Providing structural steel works in built up sections/ framed work, gratings, frames, guard bar, ladders, railings, brackets, gates & similar works 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.	57.38 M.T	39,655.35	M.T.	Rs 2,275,424.00	I.No-23 P.No-11
GRAND TOTAL					Rs 15,142,554.00	

I. No.	Item in Brief	No.	Length	Breadth	Height	Contents	unit
3.00	Excavating the ground to required depth of 30cms, removing and conveying unwanted stuff to a required distance as directed. Filling fresh garden soil & manure in excavated area in 3:1 proportion to a height of 30 cms. Mixing garden soil and manure thoroughly, levelling, watering on previous night, planing well-rooted sjribs 0.50 m apart as directed and maintaining till well established by watering, weeding, stirring, replacing of casualities etc. complete.(preparing shrubbery)						
	<u>B) Gardening area</u>						
	taking 20% area						
	Garden-1	0.20	24675.00	Sqm		4,935.00	Sqm
	Garden-2	0.20	12800.00	Sqm		2,560.00	Sqm
	Garden-3	0.20	30000.00	Sqm		6,000.00	Sqm
						TOTAL	7,495.00 Sqm
						SAY	7,495.00 Sqm
4.00	Excavating the ground to required depth of 30cms, removing and conveying unwanted stuff to a required distance as directed. Preparing ground with different levels and slopes Mounds) as per requirement by using approved excavated material and garden soil & manure. Filling or raising the area with fresh garden soil & manure in 2:1 proportion to a height of 30 cms. Mixing garden soil and manure thoroughly, levelling, watering on previous night, planting well-established ornamental plants suitable for rock garden 1:00 m apart as directed. Arranging rock pieces, pebbles of different size, shapes and colours in aesthetic manner, maintaining till well established by watering, weeding, stirring, replacing of causalities, etc, complete preparation of rock garden)						
	<u>B) Gardening area</u>						
	taking 10% area						
	Garden-1	0.10	24675.00	Sqm		2,467.50	Sqm
	Garden-2	0.10	12800.00	Sqm		1,280.00	Sqm
	Garden-3	0.10	30000.00	Sqm		3,000.00	Sqm
						TOTAL	6,747.50 Sqm
						SAY	6,748.00 Sqm
5.00	Excavating pit with size 0.3*0.3*0.3 m, removing and conveying unwanted stuff to a required distance as directed. Filling the pit with fresh garden soil & manure thoroughly well, levelling, watering on previous night, planting 40 to 50 cms height healthy plant of required rose variety, maintaining till well established by watering, weeding, stirring, replacing of causalities, etc. complete.						
	<u>B) Gardening area</u>						
	taking 10% area						
	Garden-1	0.10	24675.00	Sqm			

I. No.	Item in Brief	No.	Length	Breadth	Height	Contents	unit
	Garden-2	0.10	12800.00	Sqm			
	Garden-3	0.10	30000.00	Sqm			
	Total		<u>67475.00</u>	Sqm			
	Taken pits @20 sqm	10.00	sqm			6,747.50	nos
						<u>TOTAL</u>	<u>6,747.50</u> nos
						SAY	<u>6,748.00</u> nos
6.00	Digging pit with size 0.90*0.90*0.90 m., removing and conveying unwanted stuff to a required distance as directed. Filling the pit with approved excavated material up to a height of 0.30 m and remaining height of 0.60 m with fresh garden soil & manure thoroughly well, levelling, watering on previous night, planting one or two year old healthy trees sapling as per specifications, maintaining till well established by watering, wedding, stirring, replacing of causalities, etc. complete. (planting large flowering/shady trees)						
	<u>B) Gardening area</u>						
	taking 10% area						
	Garden-1	0.10	24675.00	Sqm			
	Garden-2	0.10	12800.00	Sqm			
	Garden-3	0.10	<u>30000.00</u>	Sqm			
	Total		<u>67475.00</u>	Sqm			
	Taken pits @20 sqm	20.00	sqm			3,373.75	nos
						<u>TOTAL</u>	<u>3,373.75</u> nos
						SAY	<u>3,374.00</u> nos
7.00	Providing and filling with approved Sand, shingle on ground including watering, compaction etc. complete as directed by Engineer in charge.						
	<u>B) Gardening area</u>						
	Garden-1	1.00	24675.00	Sqm			
	Garden-2	1.00	12800.00	Sqm			
	Garden-3	1.00	<u>30000.00</u>	Sqm			
	Total		<u>67475.00</u>	Sqm			
	<u>taken as 5% area for decoration</u>	@	0.05			3,373.75	cum
						<u>TOTAL</u>	<u>3,373.75</u> cum
						SAY	<u>3,374.00</u> cum
8.00	Providing dry trap/ granite/ quartzite/ gneiss rubble stone soling 15 cm. to 20 cm. thick including hand packing and compacting complete						
	<u>B) Gardening area</u>						
	Garden-1	1.00	24675.00	Sqm			
	Garden-2	1.00	12800.00	Sqm			
	Garden-3	1.00	<u>30000.00</u>	Sqm			
	Total		<u>67475.00</u>	Sqm			
	<u>taken as 4% area for decoration</u>	@	0.04			2,699.00	cum
						<u>TOTAL</u>	<u>2,699.00</u> cum
						SAY	<u>2,699.00</u> cum

I. No.	Item in Brief	No.	Length	Breadth	Height	Contents	unit
9.00	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>B) Gardening area</u>						
	Garden-1	1.00	24675.00				Sqm
	Garden-2	1.00	12800.00				Sqm
	Garden-3	1.00	30000.00				Sqm
		Total	<u>67475.00</u>				Sqm
	<u>taken as 6% area for decoration</u>	@		0.06			
						<u>4,048.50</u>	cum
		TOTAL				<u>4,048.50</u>	cum
		SAY				<u>4,049.00</u>	cum

ANALYSIS OF RATE - SH 15

NAME OF WORK :- DPR for Development of Land Garden & railing etc. at left side bank ZONE N-III, Nanded.

29.01.2007

ITEM	Description of Item	Rate	Unit
1.00	Excavating the ground to required depth of 30 cms removing and conveying unwanted stuff to a required distance as directed. Filling fresh garden soil & manure in excavated area in 2:1 proportion to a height of 30cms. Mixing garden soil and manure thoroughly levelling, waering on previous night planting required variety of lawn grass s directed and maintaining till well established by watering, weeding,clipping, rolling etc. complete		
	Rate as per schedule of rate for Park & Garden, Aurangabad		
	2004-05	115.00	Per SQM
	Add 25% for Naded area	28.75	Per SQM
	Total	143.75	Per SQM
	Add 5% corporation Charges	7.19	Per SQM
	Total	150.94	Per SQM
	<u>say</u>	150.95	Per SQM
2.00	Excavating the ground to required depth of 30cms, removing and conveying unwanted stuff to a required distance as directed. Filling fresh garden soil & manure in excavated area in 2:1 proportion to a height of 30 cms. Mixing garden soil and manure thoroughly, levelling, watering on previous night, planing seedlings of required annuals 25 cms apart, maintaining till well established by watering, weeding, stirring, replacing of casualities etc. complete.(preparation of flower beds)		
	Rate as per schedule of rate for Park & Garden, Aurangabad		
	2004-05	115.00	Per SQM
	Add 25% for Naded area	28.75	Per SQM
	Total	143.75	Per SQM
	Add 5% corporation Charges	7.19	Per SQM
	Total	150.94	Per SQM
	<u>say</u>	150.95	Per SQM
3.00	Excavating the ground to required depth of 30cms, removing and conveying unwanted stuff to a required distance as directed. Filling fresh garden soil & manure in excavated area in 3:1 proportion to a height of 30 cms. Mixing garden soil and manure thoroughly, levelling, watering on previous night, planing well-rooted sjribs 0.50 m apart as directed and maintaining till well established by watering, weeding, stirring, replacing of casualities etc. complete.(preparing shrubbery)		
	Rate as per schedule of rate for Park & Garden, Aurangabad		
	2004-05	160.00	Per SQM
	Add 25% for Naded area	40.00	Per SQM
	Total	200.00	Per SQM
	Add 5% corporation Charges	10.00	Per SQM
	Total	210.00	Per SQM
	<u>say</u>	210.00	Per SQM

- 4.00 Excavating the ground to required depth of 30cms, removing and conveying unwanted stuff to a required distance as directed. Preparing ground with different levels and slopes(Mounds) as per requirement by using approved excavated material and garden soil & manure. Filling or raising the area with fresh garden soil & manure in 2:1 proportion to a height of 30 cms. Mixing garden soil and manure thoroughly, levelling, watering on previous night, planting well-established ornamental plants suitable for rock garden 1:00 m apart as directed. Arranging rock pieces, pebbles of different size, shapes and colours in aesthetic manner, maintaining till well established by watering, weeding, stirring, replacing of casualties, etc, complete(preparation of rock garden)

Rate as per schedule of rate for Park & Garden, Aurangabad

2004-05	450.00 Per SQM
Add 25% for Naded area	112.50 Per SQM
Total	<u>562.50</u> Per SQM
Add 5% corporation Charges	28.13 Per SQM
Total	<u>590.63</u> Per SQM
say	590.65 Per SQM

- 5.00 Excavating pit with size 0.3*0.3*0.3 m, removing and conveying unwanted stuff to a required distance as directed. Filling the pit with fresh garden soil & manure thoroughly well, levelling, watering on previous night, planting 40 to 50 cms height healthy plant of required rose variety, maintaining till well established by watering, weeding, stirring, replacing of casualties, etc. complete.

Rate as per schedule of rate for Park & Garden, Aurangabad

2004-05	65.00 Per Nos
Add 25% for Naded area	16.25 Per Nos
Total	<u>81.25</u> Per Nos
Add 5% corporation Charges	4.06 Per Nos
Total	<u>85.31</u> Per Nos
say	85.30 Per Nos

- 6.00 Digging pit with size 0.90*0.90*0.90 m., removing and conveying unwanted stuff to a required distance as directed. Filling the pit with approved excavated material up to a height of 0.30 m and remaining height of 0.60 m with fresh garden soil & manure thoroughly well, levelling, watering on previous night, planting one or two year old healthy trees sapling as per specifications, maintaining till well established by watering, wedding, stirring, replacing of casualties, etc. complete. (planting large flowering/shady trees)

Rate as per schedule of rate for Park & Garden, Aurangabad

2004-05	130.00 Per Nos
Add 25% for Naded area	32.50 Per Nos
Total	<u>162.50</u> Per Nos
Add 5% corporation Charges	8.13 Per Nos
Total	<u>170.63</u> Per Nos
say	170.65 Per Nos

- 7.00 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)	64.59 Per CUM
Total	<u>226.59</u> Per CUM
Add royalty charge	17.67 Per CUM
Add 5% corporation Charges	<u>8.10</u> Per CUM

	Total	252.36	Per CUM
	say	<u>252.35</u>	Per CUM
8.00 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)	<u>79.02</u>	Per CUM
	Total	208.02	Per CUM
	Add royalty charge	17.67	Per CUM
	Add 5% corporation Charges	<u>10.40</u>	Per CUM
	Total	236.09	Per CUM
	say	<u>236.10</u>	Per CUM

9.00 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</u>	Per CUM
	Total	149.59	Per CUM
	Add royalty charge	17.67	Per CUM
	Add 5% corporation Charges	<u>7.48</u>	Per CUM
	Total	174.74	Per CUM
	say	<u>174.75</u>	Per CUM

10.00 Providing structural steel works in built up sections/ framed work, gratings, frames, guard bar, ladders, railings, brackets, gates & similar works 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	37,767.00	Per M.T.
	Add 5% corporation Charges	<u>1,888.35</u>	Per M.T.
	Total	<u>39,655.35</u>	Per M.T.

LEAD CHART - SH 15

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