

COMPENSATORY AFFORESTATION SCHEME

Name Of Project - CONSTRUCTION OF 800 KV HVDC RAIGARH TO PUGALUR TRANSMISSION LINE

Range : Nagbhid & Sindewahi, Co. No.-763 & 238

CA. Area -128.00 Ha.

DAILY WAGE RATE- 373/-

Sr. No.	Particulars of works	For 1.00 Ha.				For 128.00 Ha.			
		Man days	Wages	Material Supply	Total	Mandays	Wages	Material Supply	Total
1	2	3	4	5	6	7	8	9	10
A	P.P.O. + P.Y.O. WORKS								
1	a. Survey & Demarcation	1.00	373.00	72.84	445.84	128.00	47744.00	9323.5	57067.52
	b. Preparation of treatment map (100m x 50m grid)	1.00	373.00	72.84	445.84	128.00	47744.00	9323.5	57067.52
	c. Clearing of bushes and preparation of site (As per requirement)	10.00	3730.00	72.84	3802.84	1280	477440.00	9323.5	486763.52
2	Soil and moisture conservation works including collection of rubbles from areas upto 30 m etc.	31.00	11563.00	0.00	11563.00	3968	1480064.00	0.0	1480064.00
3	Digging of trench cum mound (TCM) of size 1.90 x 0.60 x 1.00 m along the periphery of plantation area including spreading / stacking the excavated soil as directed in 1 m width and 3 M height. Length 102 Rmt per Ha (127.50 cum per ha)	82.57	30798.61	72.84	30871.45	10568.96	3942222.08	9323.5	3951545.60
4	Alignment of pits at 2m x 2m spacement. 2500 pits per Ha (0.13 M.D. per 50 pits) M&G @ Rs. 2.24 per 50 pits.	6.50	2424.50	163.14	2587.64	832	310336.00	20881.9	331217.92
5	Digging of pits of size 0.45 x 0.45 x 0.45 m (2500 pits per ha) 6.60 M.D. per 100 pits	165.00	61545.00	0.00	61545.00	21120	7877760.00	0.0	7877760.00
6	Part Nursery cost for raising 3000 seedlings per ha (including 20% casualty replacement) in polybag of size 12.50 x 25.00 cm (Wages Rs. 8.80 and M & S	105.14	39217.22	7693.00	46910.22	13457.92	5019804.16	984704.0	6004508.16
7	Cost of agave suckers (420 per ha) Rs. 25 per 100 suckers (or cost of prosopis, chilar etc seed for sowing on CCT)	1.68	626.64	461.35	1087.99	215.04	80209.92	59052.8	139262.72
	TOTAL :	403.89	150650.97	8608.85	159259.82	51697.92	19283324.16	1101932.8	20385256.96
	Contingency 3%		4777.79	0.00	4777.79		611557.71		611557.71
	Labour welfare 4%		6370.39	0.00	6370.39		815410.28		815410.28
	GRAND TOTAL :	403.89	161799.16	8608.85	170408.01	51697.92	20710292.15	1101932.80	21812224.95

B First Year Operation										
1	Part Nursery cost for maintenance of 3000 seedling per ha Rs. 2.64 per seedling (Wages Rs. 2.20, M & S Rs. 0.44)	26.29	9806.17	2240.95	12047.12	3365.12	1255189.76	286841.1	1542030.85	
2	Refilling of pits by good quality soil including application of single super phosphate (1.66 MD per 100 pits)	41.50	15479.50	2037.25	17516.75	5312	1981376.00	260767.6	2242143.60	
3	Transport of seedlings from nursery to plantation site (including loading & unloading) Rs. 1.00 per seedling Wages 0.14 md per 100 seedlings	4.20	1566.60	5093.12	6659.72	537.6	200524.80	651919.0	852443.79	
4	Digging and transportation of agave suckers from nursery to plantation site and planting.	1.68	626.64	0.00	626.64	215.04	80209.92	0.0	80209.92	
5	Planting of 2500 seedlings (1.1 M.D. per 100 seedlings)	27.50	10257.50	0.00	10257.50	3520	1312960.00	0.0	1312960.00	
6	Causality replacement (20% 500 seedling per ha) (2 M.D. per 100 seedlings)	10.00	3730.00	0.00	3730.00	1280	477440.00	0.0	477440.00	
7	3 weedings and 2 soil workings (3.50 M.D. per 100 seedlings) fertilizer application Rs. 0.45 per seedling	87.50	32637.50	1909.95	34547.45	11200	4177600.00	244473.7	4422073.70	
8	Watch and ward (10 months - 1 watcher per 10 ha)	30.00	11190.00	0.00	11190.00	3840	1432320.00	0.0	1432320.00	
9	Fire tracing	2.00	746.00	0.00	746.00	256	95488.00	0.0	95488.00	
10	Part Nursery cost for causality replacement in SYO (500 seedlings per ha.) (wages Rs. 8.80 and material supply Rs. 1.76 total Rs. 10.56 per seedlings)	17.52	6534.96	1493.94	8028.90	2242.56	836474.88	191224.7	1027699.55	
11	Special technical works	0.00		0.00	5500.00	0	250525.00	0.00	250525.00	
	TOTAL :	248.19	92574.87	12775.20	110850.07	11305.05	12100108.36	1635226.05	13735334.41	
	Contingency 3%		3325.50		3325.50		412060.03		412060.03	
	Labour welfare 4%		4434.00		4434.00		549413.38		549413.38	
	GRAND TOTAL :	248.19	100334.38	12775.20	118609.58	11305.05	13061581.77	1635226.055	14696807.8	

C Second Year Operation									
1	Part nursery cost for seedlings for causality replacement (500 seedlings per ha.)	4.38	1633.74	359.22	1992.96	560.64	209118.72	45980.8	255099.52
2	Transportation of seedlings for causality replacement from nursery to plantation site (including loading and unloading) wages 0.14 M.D.	0.70	261.10	0.00	261.10	89.6	33420.80	0.0	33420.80
3	Casualty replacement (500 seedling per ha) 2 M.D. per 100 seedling	10.00	3730.00	817.63	4547.63	1280	477440.00	104656.6	582096.63
4	2 weedings abd 1 soil working, with fertilizer application at Rs. 0.45 per seedling	62.50	23312.50	1840.88	25153.38	8000	2984000.00	235632.2	3219632.24
5	Fire tracing	2.00	746.00	0.00	746.00	256	95488.00	0.0	95488.00
6	Watch and ward 12 month-1 watcher per 10.00 ha.	36.50	13614.50	0.00	13614.50	4672	1742656.00	0.0	1742656.00
	TOTAL :	116.08	43297.84	3017.73	46315.57	14858.24	5542123.52	386269.7	5928393.19
	Contingancy 3%		1389.47		1389.47		177851.80		177851.80
	Labour welfare 4%		1852.62		1852.62		237135.73		237135.73
	Special technical works		5500.00		5500.00		5500.00		5500.00
	GRAND TOTAL :		52039.93	3017.73	55057.66	14858.24	5962611.04	386269.67	6348880.72
D Third Year Operation									
1	1 weeding and 1 soil working (1.50 M.D. per 100 seedlings)	37.50	13987.50	0.00	13987.50	4800	1790400.00	0.0	1790400.00
2	Fire tracing	2.00	746.00	0.00	746.00	256	95488.00	0.0	95488.00
3	Watch and ward 12 months 1 watcher per 10.00 ha	36.50	13614.50	0.00	13614.50	4672	1742656.00	0.0	1742656.00
	TOTAL :	76.00	28348.00	0.00	28348.00	9728	3628544.00	0.0	3628544.00
	Contingancy 3%		850.44	0.00	850.44		108856.32		108856.32
	Labour welfare 4%		1133.92	0.00	1133.92		145141.76		145141.76
	GRAND TOTAL :	76.00	30332.36	0.00	30332.36	9728.00	3882542.08	0.00	3882542.08
E Fourth Year Operation									
1	Fire tracing	2.00	746.00	0.00	746.00	256	95488.00	0.0	95488.00
2	Watch and ward 12 months - 1 watcher per 10.00 ha.	36.50	13614.50	0.00	13614.50	4672	1742656.00	0.0	1742656.00
	TOTAL :	38.50	20631.00	0.00	14360.50	4928	1838144.00	0.0	1838144.00
	Contingancy 3%		430.82	0.00	430.82		55144.32		55144.32
	Labour Welfare 4%		574.42	0.00	574.42		73525.76		73525.76
	GRAND TOTAL :	38.50	21636.23	0.00	15365.74	4928.00	1966814.08	0.00	1966814.08

F Fifth Year Operation									
1	Fire tracing	2.00	746.00	0.00	746.00	256	95488.00	0.0	95488.00
2	Watch and ward 12 months - 1 watcher per 10.00 ha.	36.50	13614.50	0.00	13614.50	4672	1742656.00	0.0	1742656.00
	TOTAL:	38.50	22693.83	0.00	14360.50	4928	1838144.00	0.0	1838144.00
	Contingancy 3%		430.82	0.00	430.82		55144.32		55144.32
	Labour welfare 4%		574.42	0.00	574.42		73525.76		73525.76
	GRAND TOTAL:	38.50	23699.06	0.00	15365.74	4928.00	1966814.08	0.00	1966814.08
G Six Year Operation									
1	Fire tracing	2.00	746.00	0.00	746.00	256	95488.00	0.0	95488.00
2	Watch and ward 12 months - 1 watcher per 10.00 ha.	36.50	13614.50	0.00	13614.50	4672	1742656.00	0.0	1742656.00
	TOTAL:	38.50	22693.83	0.00	14360.50	4928	1838144.00	0.0	1838144.00
	Contingancy 3%		430.82	0.00	430.82		55144.32		55144.32
	Labour welfare (medi. & water) 4%		574.42	0.00	574.42		73525.76		73525.76
	GRAND TOTAL:	38.50	23699.06	0.00	15365.74	4928.00	1966814.08	0.00	1966814.08
H Seventh Year Operation									
1	Fire tracing	2.00	746.00	0.00	746.00	256	95488.00	0.0	95488.00
2	Watch and ward 12 months - 1 watcher per 10.00 ha.	36.50	13614.50	0.00	13614.50	4672	1742656.00	0.0	1742656.00
	TOTAL:	38.50	22693.83	0.00	14360.50	4928.00	1838144.00	0.0	1838144.00
	Contingancy 3%		430.82	0.00	430.82		55144.32		55144.32
	Labour welfare 4%		574.42	0.00	574.42		73525.76		73525.76
	GRAND TOTAL:	38.50	23699.06	0.00	15365.74	4928.00	1966814.08	0.00	1966814.08


RFO
Nagbhid Range


RFO
Sindewahi Range


Dy. Conservator Of Forests,
Bramhapuri Forest Dn. Bramhapuri

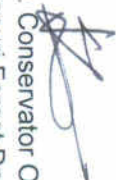
ABSTRACT

Sr. No.	Year of Operation	For 128.00 Ha.					
		Man days	Wages	Material Supply	Other expenses	Total	Total amount (rounded off)
1	2	3	4	5	6	7	8
1	PPO Works	51697.920	19283324.16	1101932.80	1426967.99	21812224.95	21812225
2	First Year Operation Works	11305.055	12100108.36	1635226.05	961473.41	14696807.82	14696808
3	Second Year Operation Works	14858.240	5542123.52	386269.67	420487.52	6348880.72	6348881
4	Third Year Operation Works	9728.000	3628544.00	0.00	253998.08	3882542.08	3882542
5	Fourth Year Operation Works	4928.000	1966814.08	0.00	128670.08	2095484.16	2095484
6	Fifth Year Operation Works	4928.000	1838144.00	0.00	128670.08	1966814.08	1966814
7	Sixth Year Operation Works	4928.000	1838144.00	0.00	128670.08	1966814.08	1966814
8	Seventh Year Operation Works	4928.000	1838144.00	0.00	128670.08	1966814.08	1966814
	GRAND TOTAL :	107301.215	48035346.12	3123428.53	3577607.32	54736381.97	54736382

Cost per plant - Rs 171.05/-


RFO
Nagbhid Range


RFO
Sindewahi Range


Dy. Conservator Of Forests,
Bramhapuri Forest Dn. Bramhapuri