ABSTRACT
LAYING OF OFC CABLE ALONG THE GHATBORI-SAWARGAON ROAD

COMPENSATORY AFFORESTATION SCHEME FOR RAISING PLANTATION ON FOREST AREA AT COMPARTMENT NO 2 OF SAWARGAON VILLAGE TAH- PATUR DIST AKOLA

(1100 PLANTS/HA) DAILY WAGE RATE 354.60 PER DAYS, AREA-1.00 Ha.

Sr. No.	Particulars of operation	Rate per Ha.					
		Man Days	Wadges (RS)	Material Supply (Rs)	Total (Rs)	Other Expences	Total Amount (Rs)
1	Pre-mansoon works	168.07	59,597.62	193,278.40	252876.02	17701.32	270577.34
2	First year operations	133.41	47307.18	7174.64	54481.82	3813.72	59295.54
3	Second year operations	73.48	26.056.01	1.719.10	27775.11	1944.26	29719.37
4	Third year operations	57.17	20.272.48	936.02	21208.50	1484.60	22693.10
5	Forth year operations	40.50	14.361.30	25.00	14386.30	1007.04	15393.34
6	Fifth year operations	40.50	14.361.30	25.00	14386.30	1007.04	15393.34
7	Sixth year operations	40.50	14.361.30	25.00	14386.30	1007.04	15393.34
8	Seventh year operations	40.50	14,361.30	25.00	14386.30	1007.04	15393.34
	TOTAL	594.13	210678.45	203208.16	413886.65	28972.06	442858.71

RATE PER HECTORS IS RS. 442858.71
(Including ecquipments and contingency -3% and Labour welfare- 4% i.e. Total -7%)
Total Amount (Area * Rate) 1 ha 442858-71

Dy. Conservator of forests, Akola

Deputy Conservator of Forest, Akola

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Estimate for Pre Mansoon Work & Pre planting works, Under Compensatory Afforestation Scheme on degraded forest Land at Compatrment No 2 Village Sawargaon Tah -Patur Dist Akola for laying of OFC Cable along the Road Ghatbori-Sawargaon in Tah- Patur Dist Akola . Daily wadges Rate Rs 354.60/Mandays

Model No 4 -3.00x3.00mtr ,1111plants /ha **Rate** **354.60**

Sr. No.	Particulars of Works	Rate per Ha.			
		Mandays	Wages (Rs.)	Material Supply (Rs.)	Total
A. Pre Monsoon Works (PPO/PYO)					
1	a) Survey and demarcation	1.00	354.60	91	445.60
	b) Preparation of treatment map (100m x 50 m grid)	1.00	354.60	91.00	445.60
	c) Digging trial pits of size 0.30x0.30x0.60 in corner of Grid.	0.40	141.84	0.00	141.84
	d)Fixing 60cm x 0.05cm x12cm cement pillars upto 30cm deep in corner of Grid.painting with Grid No.etc complete(3 pillars.Rs.75/-for	0.00	0.00	225.00	225.00
	e) Clearing of bushes and preparation of site (As per requrement)	10.00	3546.00	91.00	3637.00
2	Soil and moisture conservation works including collection of rubbles from areas upto 30 m etc	31.00	10992.60	0.00	10992.60
3	Providing and fixing chain link fencing 102 Rmt per ha(With one gate +two wickets Gates for one site)(Rs.1494/- per Rmt of basic rate +20% for transportation of ave.leadplus 20% for tribal/remote area(by tender process.) (Rs.1494+149+149=1792/-per Rmt(1.60 Rmt height with G.I.Chain link size 50mmx50m, 8 gauge thick	0.00	0.00	182865.60	182865.60
4	Alignment of pits at 3m x 3m spacement 1111 pits per 100 pits 0.26M.D,M/S 8.18 per 100 pits	2.89	1024.79	91.00	1115.79
5	Digging of pits of size 0.45 x 0.45 x0.45m (1111 pits per ha) 6.60 M.D per 100 pits Note:-As per local conditions provision for mechanized digging can be made.	73.33	26002.82	0.00	26002.82
6	Construction of 5.00 Rmt wide Inspection Path 1 M.D per 100 Rmt.	1.00	354.60	0.00	354.60
7	Enumerisation of all valuable plant species at plantation site and grid wise counting and providing color band and recording the same in register (0.75 M.D per 100 plants	0.75	265.95	25.00	290.95

8	Providing and fixing (4 feet x 3 feet) information board each per site	0.00	0.00	5000.00	5000.00
9	Part nursery cost for raising 1333 seedlings per ha. (including 20% casualty replacement) in polygons of size 12.50 x 25.00 cm (Wadges Rs.11.90 and M & S Rs 3.62 per plant)	46.70	16559.82	4798.80	21358.62
	Total	**168.07**	**59597.62**	**193278.40**	**252876.02**
	Contingency 3%				7586.28
	Labour Welfare 4%				10115.04
	Grand Total				**270577.34**

B. First Year Operations

Sr. No.	Particulars of Works	Rate per Ha.			
		Mandays	Wages (Rs.)	Material Supply (Rs.)	Total
1	Part nursery cost for maintainace of 1333 seedling per ha Rs.2.64 per seedling (Wages Rs.2.69, M & S Rs. 0.81)	14.80	5248.08	1079.73	6327.81
2	Refiling of pits by good quality soil including application of single super phosphate (1.66 M.D. per 100 pits)	18.44	6538.82	1944.25	8483.07
3	Transportation of 1333 seedlings from nursery to plantation site including loading & unloading (0.14 M.D.per 100 seedlings & M.S. Rs.1.82 per seedlings)	1.87	663.10	2426.00	3089.10
4	Planting of 1111 seedlings (1.0 M.D.per 100 seedlings)	11.11	3939.61	0.00	3939.61
5	3 Seedlings (1 Rmt circular and 2 soil workings (4.00 M.D. per 100 seedlings)fertilizer application Rs.0.82 per seedling	44.44	15758.42	911.02	16669.44
6	Causality replacement (20% 222 seedlings per ha) (2 M.D. per 100 seedlings)	4.44	1574.42	0.00	1574.42
7	Part Nursery cost for causality replacement in SYO (222 seedlings per ha.)(wages Rs.11.90 and material supply Rs.3.62 total	7.78	2758.79	803.64	3562.43
8	Watch and ward (9 months- 1 Watcher per 10 ha)	27.38	9708.95	0.00	9708.95
9	Soil working for naturally grower plants and singling(1.15 M.D. per 100 plants)	1.15	407.79	10.00	417.79
10	Fire tracing	2.00	709.20	0.00	709.20
	Total	133.41	47307.188	7174.64	54481.82
	Contingency 3%				1634.45
	Labour Welfare 4%				2179.27
	Grand Total				58295.54
				Say Rs	58296

C Second Year Operations

Sr.	Particulars of Works	Rate per Ha.

No.		Mandays	Wages (Rs.)	Material Supply (Rs.)	Total
1	Part Nursery cost for seedling for casulity replacement (222 seedlings per ha) labour rate @ Rs.3.77 and M.S. Rs.1.82 per ...	2.46	872.32	404.04	1276.36
2	Transportation of 222 seedlings for casulity replacement from nursery to plantation site (including loading and unloading) wadges 0.14 MD per 100 Seedaling & M.S. Rs.1.82 per	0.31	109.93	404.04	513.97
3	Planting for casualty replacement 222 seedling (2.00 M.D. per 100 seedlings)	4.44	1574.424	0.00	1574.424
4	2 weeding and 1 soil working with fertilizer application 2.5 M.D. per 100 seedlings at M.S. Rs.0.82 per seedaling	27.77	9847.24	911.02	10758.26
5	Watch and ward 12 months-1 wather per 10.00 ha.	36.50	12942.90	0.00	12942.90
6	Fire tracing	2.00	709.20	0.00	709.20
	TOTAL	**73.48**	**26056.01**	**1719.10**	**27775.11**
14	Equipment and Contingancy 3%				833.25
15	Labour welfare 4%				1111.00
	Grand Total				**29719.37**
	Say Rs.				**29719**

Third Year Operation

Sr. No.	Particulars of Works	Rate per Ha.			
		Mandays	Wages (Rs.)	Material Supply (Rs.)	Total
	Third Year Operation				
1	1 weeding and 1 soil working (1.50M.D. Per 100 seedlings) applying fertilizer @ Rs.0.82 per ...	16.67	5911.182	911.02	6822.20
2	Watch and ward 12 months 1 watcher per 10.00 ha.	36.50	12942.90	0.00	12942.90
3	Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October	2.00	709.20	25.00	734.20
4	Fire tracing	2.00	709.20	0.00	709.20
	TOTAL	**57.17**	**20272.48**	**936.02**	**21208.50**
	Equipment and Contingancy 3%				636.26
	Labour welfare 4%				848.34
	Grand Total	**57.17**		**936.02**	**22693.10**

Fourth Year Operation

Sr. No.	Particulars of Works	Rate per Ha.			
		Mandays	Wages	Material	Total

			(Rs.)	Supply (Rs.)	
1	Watch and ward 12 months 1 watcher per 10.00 ha	36.5	12942.9	0	12942.9
2	Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October	2	709.2	25	734.2
3	Fire Trecing	2.00	709.20	0.00	709.20
	TOTAL	**40.50**	**14361.30**	**25.00**	**14386.30**
	Equipment and Contingancy 3%				431.59
	Labour welfare 4%				575.45
	Grand Total				**15393.34**

Fifth Year Operation

Sr. No.	Particulars of Works	Rate per Ha.			
		Mandays	Wages (Rs.)	Material Supply (Rs.)	Total
1	Watch and ward 12 months 1 watcher per 10.00 ha	36.5	12942.9	0	12942.9
2	Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October	2	709.2	25	734.2
3	Fire Tracing	2.00	709.20	0.00	709.20
	TOTAL	40.50	14361.30	25.00	14386.30
	Equipment and Contingancy 3%				431.59
	Labour welfare 4%				575.45
	Grand Total				**15393.34**

Sixth Year Operation

Sr. No.	Particulars of Works	Rate per Ha.			
		Mandays	Wages (Rs.)	Material Supply (Rs.)	Total
1	Watch of ward 12 months 1 watcher per 10.00 ha	36.5	12942.9	0	12942.9
2	Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October	2	709.2	25	734.2
3	Fire Tracing	2.00	709.20	0.00	709.2
	TOTAL	**40.50**	**14361.30**	**25.00**	**14386.30**
	Equipment and Contingancy 3%				431.59
	Labour welfare 4%				575.45
	Grand Total				**15393.34**

Seventh Year Operation

Sr. No.	Particulars of Works	Rate per Ha.			
		Mandays	Wages (Rs.)	Material Supply (Rs.)	Total
1	Watch and ward 12 months 1 watcher per 10.00 ha	36.5	12942.9	0	12942.9
2	counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October	2	709.2	25	734.2

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3	Fire Tracing	2.00	709.2	0.00	709.2
	TOTAL	**40.50**	**14361.30**	**25.00**	**14386.30**
	Equipment and Contingancy 3%				431.59
	Labour welfare 4%				575.45
	Grand Total				**15393.34**

Deputy Conservator of Forest ,Akola