228

Spacement - 3m X 3m

Size of Pits- 0.45 X 0.45 X 0.45

No. Of Seedling- 1111 Per ha. **Range :- Manor** **Ha. 1.40**

Round :-Nandgaon

Beat :-Nandgaon **Village :-Aanvadhani** **Compt. No. C.N. 177**

Wages Rate :- **436.53**

Sr.No.	Particulars of works	Man days	Wages	Material Supply	Total (Rs.Per Ha.)	Man days	Wages	Material Supply	Total for Ha.
					1				1.4
A.	**Pre-monsoon Works PPO/PYO**								
1	a. Survey and demarcation	1.00	436.53	91.00	527.53	1.40	611.14	127.40	738.54
	b. Preparation of treatement map (100x50m grid)	1.00	436.53	91.00	527.53	1.40	611.14	127.40	738.54
	c. Digging trial pits of size 0.30x0.30x0.30 in corner of grid.	0.40	174.61	0.00	174.61	0.56	244.46	0.00	244.46
	d. Fixing 60cm x 0.05cm x 12cm cement pillars upto 30cm deep in corner of grid, painting with grid No.etc compete(3pillars.Rs.75/- for each pillrs)	0.00	0.00	225.00	225.00	0.00	0.00	315.00	315.00
	e. Clearing of bushers and preparation of site (As per requirement)	10.00	4365.30	91.00	4456.30	14.00	6111.42	127.40	6238.82
2	Soil and moisture conservation works including collection of rubbles from areas upto 30 m etc.	31.00	13532.43	0.00	13532.43	43.40	18945.40	0.00	18945.40
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 50mm x 50m, 8 gauge thic and nxed 75mm above ground level complete as per SSR item No.1744 for 2017-18)	0.00	0.00	182865.60	182865.60	0.00	0.00	256011.84	256011.84

4	Alignment of pits at 3mx 3m spacement 1111 pits per 100 pits 0.26 M.D, M/S 8.18 per 100 pits	2.89	1261.57	91.00	1352.57	4.05	1766.20	127.40	1893.60
5	Digging of pits of size 0.45x 0.45x0.45m (1111 pits per ha)6.60 M.D per 100 pits	73.33	32010.74	0.00	32010.74	102.66	44815.04	0.00	44815.04
6	Constuction of 5.00 Rmt wide Inspection path IM.D. per 100 Rmt	1.00	436.53	0.00	436.53	1.40	611.14	0.00	611.14
7	Enumeration 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	327.40	25.00	352.40	1.05	458.36	35.00	493.36
8	Providing and fixing (4 feet x 3 feet) information board each per site	0.00	0.00	5000.00	5000.00	0.00	0.00	7000.00	7000.00
9	Part Nursury cost for raising 1333 seedling per ha. (including 20% casuality replacement) in poly bag of size 12.50 X 25.00 cm (wages Rs.11.90 and M& S Rs.3.62 per Plant)	46.70	20385.95	4798.80	25184.75	65.38	28540.33	6718.32	35258.65
	Total	**168.07**	**73367.60**	**193278.40**	**266646.00**	**235.30**	**102714.64**	**270589.76**	**373304.40**
	Contigency 3%				7999.37991				11199.13188
	Labour Welfare 4%				10665.8399				14932.17584
	Grand Total				**10665.8399**				**399435.70**
B. First Year Operations									
1	Part Nursery cost for maintainance of 1333 seedling (Weges Rs.2.64, per seedling(wages Rs.2.69, M& S Rs.0.81)	14.80	6460.64	1079.73	7540.37	20.72	9044.90	1511.62	10556.52
2	Refiling of pits by good quality soil including application of single super phoshat (1.66 MD per 100 pits)	18.44	8049.61	1944.25	9993.86	25.82	11269.46	2721.95	13991.41
3	Transport of 1333 seedling from nursery to plantation site including loading & unloading(0.14 M.D. per 100 seedling & M.S Rs.1.82 per seedlings	1.87	816.31	2426.00	3242.31	2.62	1142.84	3396.40	4539.24
4	Planting of 1111 seedlings (1.0 M.D per 100 seedlings)	11.11	4849.85	0.00	4849.85	15.55	6789.79	0.00	6789.79

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5	3 weeding (1 Rmt circular) and 2 soil workings (4.00 M.D per 100 seedling s) fertilize application Rs.0.82 per seedling	44.44	19399.39	911.02	20310.41	62.22	27159.15	1275.43	28434.58
6	Causality replacement (20% 222 seedlings per ha) (2 M.D per 100 seedlings)	4.44	1938.19	0.00	1938.19	6.22	2713.47	0.00	2713.47
7	Part Nursery cost for casuality replacement in SYO (222 seedlings per ha.) (wages Rs. 11.90 and material supply Rs. 3.62 total Rs.12.55 per seedling.)	7.78	3396.20	803.64	4199.84	10.89	4754.68	1125.10	5879.78
8	Watch and ward (10 months-1 watcher per 10 ha)	27.38	11952.19	0.00	11952.19	38.33	16733.07	0.00	16733.07
9	Soil working for naturally grower plants and singling(1.15M.D per 100 plants)	1.15	502.01	10.00	512.01	1.61	702.81	14.00	716.81
10	Fire tracing	2.00	873.06	0.00	873.06	2.80	1222.28	0.00	1222.28
	Total	**133.41**	**58237.47**	**7174.64**	**65412.11**	**186.77**	**81532.45**	**10044.50**	**91576.95**
Contingency 3%					1962.36				2747.31
Labour Welfare 4%					2616.48				3663.08
	Grand Total	133.41	**58237.47**	**7174.64**	**69990.95**	**186.77**	**81532.45**	**10044.50**	**97987.34**
C. Second Year Operations									
1	Part Nursery cost for Seddlings for casuality replacement (222 seedlings per ha.) labour rate @ Rs.3.77 and M.S. Rs.1.82 per seedlings.	2.46	1073.86	404.04	1477.90	3.44	1503.41	565.66	2069.07
2	Transport of 222 seedling for casuality replacement from nursery to plantation site (including loading & unloading) Weges 0.14 md per 100 seedlings & M.S. Rs.1.82 per seedlings	0.31	135.32	404.04	539.36	0.43	189.45	565.66	755.11
3	Planting for Causality replacement 222seedling (2 M.D per 100 seedlings)	4.44	1938.19	0.00	1938.19	6.22	2713.47	0.00	2713.47

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4	2 weeding and 1 soil working, with fertilizer application 2.5 M.D. per 100 seedlings at M.S. Rs. 0.82 Per seedling.	27.77	12122.44	911.02	13033.46	38.88	16971.41	1275.43	18246.84
5	Fire tracing	2.00	873.06	0.00	873.06	2.80	1222.28	0.00	1222.28
6	Watch and ward 12 months-1 watcher per 10 ha)	36.50	15933.35	0.00	15933.35	51.10	22306.68	0.00	22306.68
	Total	**73.48**	**32076.22**	**1719.10**	**33795.32**	**102.87**	**44906.71**	**2406.74**	**47313.45**
	Contingency 3%				1013.86				1419.40
	Labour Welfare 4%				1351.81				1892.54
	Grand Total	73.48	**32076.22**	**1719.10**	36161.00	**102.87**	**44906.71**	**2406.74**	**50625.40**
	D.Third Year Operations								
1	1 weeding and 1 soil working (1.50 M.D. per 100 Seedlings) applying fertilizer @Rs.0.82 per plant	16.67	7276.96	911.02	8187.98	23.34	10187.74	1275.43	11463.17
2	Fire tracing	2.00	873.06	0.00	873.06	2.80	1222.28	0.00	1222.28
3	Watch and ward 12 months-1 watcher per 10 ha)	36.50	15933.35	0.00	15933.35	51.10	22306.68	0.00	22306.68
4	Counting of survival percentage Grid wise and Species wise and to Note the same on Register in may and october	2.00	873.06	25.00	898.06	2.80	1222.28	35.00	1257.28
	Total	**57.17**	**24956.42**	**936.02**	**25892.44**	**80.04**	**34938.99**	**1310.43**	**36249.42**
	Contingency 3%				776.77				1087.48
	Labour Welfare 4%				1035.70				1449.98
	Grand Total	57.17	24956.42	**936.02**	27704.91	**80.04**	**34938.99**	**1310.43**	**38786.88**
	E. Fourth Year Operation								
1	Fire tracing	2.00	873.06	0.00	873.06	2.80	1222.28	0.00	1222.28
2	Watch and ward 12 months-1 watcher per 10 ha)	36.50	15933.35	0.00	15933.35	51.10	22306.68	0.00	22306.68

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3	Counting of survival percentage Grid wise and Species wise and to Note the same on Register in may and october	2.00	873.06	25.00	898.06	2.80	1222.28	35.00	1257.28
	Total	**40.50**	**17679.47**	**25.00**	**17704.47**	**56.70**	**24751.25**	**35.00**	**24786.25**
	Contingency 3%				531.13				743.59
	Labour Welfare 4%				708.18				991.45
	Grand Total	40.50	17679.47	**25.00**	**18943.78**	**56.70**	**24751.25**	**35.00**	**26521.29**

F. Fifth Year Operation

1	Fire tracing	2.00	873.06	0.00	873.06	2.80	1222.28	0.00	1222.28
2	Watch and ward 12 months-1 watcher per 10 ha)	36.50	15933.35	0.00	15933.35	51.10	22306.68	0.00	22306.68
3	Counting of survival percentage Grid wise and Species wise and to Note the same on Register in may and october	2.00	873.06	25.00	898.06	2.80	1222.28	35.00	1257.28
	Total	**40.50**	**17679.47**	**25.00**	**17704.47**	**56.70**	**24751.24**	**35.00**	**24786.24**
	Contingency 3%				531.13				743.59
	Labour Welfare 4%				708.18				991.45
	Grand Total	40.50	17679.47	**25.00**	**18943.78**	**56.70**	**24751.24**	**35.00**	**26521.28**

G. Sixth Year Operation

1	Fire tracing	2.00	873.06	0.00	873.06	2.80	1222.28	0.00	1222.28
2	Watch and ward 12 months-1 watcher per 10 ha)	36.50	15933.35	0.00	15933.35	51.10	22306.68	0.00	22306.68
3	Counting of survival percentage Grid wise and Species wise and to Note the same on Register in may and october	2.00	873.06	25.00	898.06	2.80	1222.28	35.00	1257.28
	Total	**40.50**	**17679.47**	**25.00**	**17704.47**	**56.70**	**24751.24**	**35.00**	**24786.24**
	Contingency 3%				531.13				743.59
	Labour Welfare 4%				708.18				991.45
	Grand Total	40.50	17679.47	**25.00**	**18943.78**	**56.70**	**24751.24**	**35.00**	**26521.28**

22F

H. Seventh Year Operation

1	Fire tracing	2.00	873.06	0.00	873.06	2.80	1222.28	0.00	1222.28
2	Watch and ward 12 months-1 watcher per 10 ha)	36.50	15933.35	0.00	15933.35	51.10	22306.68	0.00	22306.68
3	Counting of survival percentage Grid wise and Species wise and to Note the same on Register in may and october	2.00	873.06	25.00	898.06	2.80	1222.28	35.00	1257.28
	Total	**40.50**	**17679.47**	**25.00**	**17704.47**	**56.70**	**24751.24**	**35.00**	**24786.24**
Contingency 3%					531.13				743.59
Labour Welfare 4%					708.18				991.45
	Grand Total	40.50	17679.47	**25.00**	**18943.78**	**56.70**	**24751.24**	**35.00**	**26521.28**

Eight Year Operation

1	Fire tracing	2.00	873.06	0.00	873.06	2.80	1222.28	0.00	1222.28
2	Watch and ward 12 months-1 watcher per 10 ha)	36.50	15933.35	0.00	15933.35	51.10	22306.68	0.00	22306.68
3	Counting of survival percentage Grid wise and Species wise and to Note the same on Register in may and october	2.00	873.06	25.00	898.06	2.80	1222.28	35.00	1257.28
	Total	**40.50**	**17679.47**	**25.00**	**17704.47**	**56.70**	**24751.24**	**35.00**	**24786.24**
Contingency 3%					531.13				743.59
Labour Welfare 4%					708.18				991.45
	Grand Total	40.50	17679.47	**25.00**	**18943.78**	**56.70**	**24751.24**	**35.00**	**26521.28**

NiNe Year Operation

1	Fire tracing	2.00	873.06	0.00	873.06	2.80	1222.28	0.00	1222.28
2	Watch and ward 12 months-1 watcher per 10 ha)	36.50	15933.35	0.00	15933.35	51.10	22306.68	0.00	22306.68
3	Counting of survival percentage Grid wise and Species wise and to Note the same on Register in may and october	2.00	873.06	25.00	898.06	2.80	1222.28	35.00	1257.28

226

PPO+PYO To Ten Year Operation

ABSTRACT

Sr. No.	Particulars of work	Mandays	Wages	Material Supply	Total	Other expenses	Total Amount
1	PPO+PYO	235.30	102714.64	270589.76	373304.40	26131.30	399435.70
2	Fisrt Year Operation	186.77	81532.45	10044.50	91576.95	6410.39	97987.34
3	Second Year Operation	102.87	44906.71	2406.74	47313.45	3311.94	50625.39
4	Third Year Operation	80.04	34938.99	1310.43	36249.42	2537.46	38786.88
5	Fourth Year Operation	56.70	24751.25	35.00	24786.25	1735.04	26521.29
6	Fifth Year Operation	56.70	24751.25	35.00	24786.25	1735.04	26521.29
7	Sixth Year Operation	56.70	24751.25	35.00	24786.25	1735.04	26521.29
8	Seventh Year Operation	56.70	24751.25	35.00	24786.25	1735.04	26521.29
9	EightYear Operation	56.70	24751.25	35.00	24786.25	1735.04	26521.29
10	Nine Year Operation	56.70	24751.25	35.00	24786.25	1735.04	26521.29
100	Ten Year Operation	56.70	24751.25	35.00	24786.25	1735.04	26521.29
	Total	**1001.88**	**437351.54**	**284596.43**	**721947.97**	**50536.37**	**772484.34**

Range Forest Office
Manor

Dy. Conservator of Forests.
Dahanu

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221