

**Model Rate Structure for Compensatory Afforestation
Model No.4 (Fencing Plantation)**

Tembhurdara Mix Plantation - PPO Work

Division :- Pusad Range Name :- Survey no 269 274 273
 Spacement 3.00m x 3.00m unmarked Village Name :- Tembhurdara Wage Rate Rs. 387.23
 Size of Pits 0.45 x 0.45 x 0.45 m Beat :- Round :- Total Ha. 33.99
 No. of Seedlings 1111 per ha.

Sr. No.	Particulars of works	1.00 ha.			34 ha.				Remarks (Saction Latter Dt./ Model No./Item No.)	
		Man days	Wages (in Rs.)	Material supply (in Rs.)	Total (in Rs.)	Man days	Wages (in Rs.)	Material supply (in Rs.)		Total (in Rs.)
A. Pre Mansoon Works (PPO/PYO)										
1	a. Survey and demarcation	1.00	387.23	91.00	478.23	33.99	13161.95	3093.09	16255.04	Latter Dt. 07.03.2018 Irrigated & Fencing Plantation Model No.1 Item No. 1a
	b. Preparation of treatment map (100 m x50 m grid)	1.00	387.23	91.00	478.23	33.99	13161.95	3093.09	16255.04	Item No. 1b
	C. Digging Trial pits of size 0.30x0.30x0.60 in corner of Grid	0.40	154.89	0.00	154.89	13.60	5264.78	0.00	5264.78	Item No. 1c
	d. Fixing 60 cm x0.05cm x 12cm cement pillars up to 30cm deep in corner of Grid, painting with Grid No. rtc complete (3 Pillars, Rs 75/- for each pillars)	0.00	0.00	225.00	225.00	0.00	0.00	7647.75	7647.75	Item No. 1d
	e. Clearing of bushes and preparation of site (As per requirement.)	10.00	3872.30	91.00	3963.30	339.90	131619.48	3093.09	134712.57	Item No. 1e
2	Soil and moisture conservation works including collection of rubbles from areas upto 30 m etc.	31.00	12004.13	0.00	12004.13	1053.69	408020.38	0.00	408020.38	Item No. 2
3	Providing chain link fencing 86 Rmt. Per ha (with one gate + two wickets gates for ane site) (Rs 1494/- per Rmt of basic rate 20% for tribal/remote area (by tender process.) (Rs. 1494+298=1792/- per Rmt. (.60 Rmt height with G.I. Chin link size 50mm x 50m, 8 gauge thick an fixed 75mm above ground level complete as per SSR item No. 1744 for 2017-18)	0.00	0.00	154112.00	154112.00	0.00	0.00	5238266.88	5238266.88	As Per SSR rates 2017-18 Item No. 1744
4	Alignment of pits at 3m x 3m spacement. 1111 pits per Ha. (0.25 M.D. Per 100 pit) M&S @ Rs. 2.24 per 50 pits.	2.89	1119.09	91.00	1210.09	98.23	38038.03	3093.09	41131.12	Item No. 4

5	Digging of pits of size 0.45 x 0.45 x 0.45 m (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	28395.58	0.00	28395.58	2492.49	965165.62	0.00	965165.62	Item No. 5
6	Construction of 5.00 Rmt. Wide Inspection Path 1M.D. per 100 Rmt.	1.00	387.23	0.00	387.23	33.99	13161.95	0.00	13161.95	Item No. 6
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	290.42	25.00	315.42	25.49	9871.46	849.75	10721.21	Item No. 7
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	169950.00	169950.00	Item No. 8
9	Part Nursery cost of raising 1333 seedling per ha. (Including 20% casualty replacement) in Polygons of size 12.50 x 25.00 cm. (Wages Rs. 11.90 and M & S Rs. 3.62 pre plant)	46.71	18087.51	4798.80	22886.31	1587.67	614794.58	163111.21	777905.79	Item No. 9 20% Casualty replacement in place of 10%
	Total	168.08	65085.62	164524.80	229610.42	5713.04	2212260.17	5592197.95	7804458.12	
	Contingency 3%			6888.31	6888.31			234133.74	234133.74	
	Labour Welfare 4%			9184.42	9184.42			312178.32	312178.32	
	Grand Total	168.08	65085.62	180597.53	245683.15	5713.04	2212260.17	6138510.02	8350770.19	

B.First Year Operation (FYO)										
1	Part Nursery Cost for Maintenance of 1333 seedling pre ha Rs. 3.77 per seedling &Wages Rs. 2.69 M&S Rs. 0.81)	14.80	5731.00	1079.73	6810.73	503.05	194796.83	36700.02	231496.85	Latter Dt. 07.03.2018 Irrigated & Fencing Plantation Model No.1 Item No. 1Casualty replacement 20%
2	Refilling of pits by good quality soil including application of single super phosphate (1.66 MD per 100 pits)	18.44	7140.52	1944.25	9084.77	626.78	242706.32	66085.06	308791.37	Item No.2
3	Transportation of 1333 seedling form Nursery to Palntation site including loading & unloading (0.14 M.D. per 100 Seedlings & M.S. Rs. 1.82 per Seedling)	1.87	724.12	2426.00	3150.12	63.56	24612.84	82459.74	107072.58	Item No.3 10% Extra Plant to be transported
4	Planting of 1111 Seedling (1.0 M.D.per 100 Seedling)	11.11	4302.13	0.00	4302.13	377.63	146229.24	0.00	146229.24	Item No.4
5	3 Seedling (1 Rmt circular) and 2 Soil Working (4.00 M.D. per 100 Seedling) Fertilizer application Rs. 0.82 per seedling.	44.44	17208.50	9111.02	18119.52	1510.52	584916.96	30965.57	615882.53	Item No.4

6	Casualty replacement (20% 222 Seedling per ha.) (2 M.D. per 100 Seedling)	4.44	1719.30	0.00	1719.30	150.92	58439.05	0.00	58439.05	Item No.7 20% instead of 10%
7	Part Nursery Cost for causality replacement in SYO (222 seedlings per ha.) (wages Rs. 11.90 and material supply Rs.3.62 total Rs. 12.55 per seedling.)	7.77	3008.78	803.64	3812.42	264.10	102268.33	27315.72	129584.06	Item No.8 20% instead of 10%
8	Watch and ward (10 months-- 1watcher per 10 ha.)	9.00	3485.07	0.00	3485.07	305.91	118457.53	0.00	118457.53	Item No.9
9	Soli Working ofr naturally grower plants and singling (1.15 M.D. per 100 plants)	1.15	445.31	10.00	455.31	39.09	15136.24	339.90	15476.14	Item No.10
10	Fire tracing	2.00	774.46	0.00	774.46	67.98	26323.90	0.00	26323.90	Item No.12
	Total	115.02	44539.19	7174.64	51713.83	3909.53	1513887.22	243866.01	1757753.24	
	Contingency 3%			1551.42	1551.42			52732.60	52732.60	
	Labour Welfare 4%			2068.55	2068.55			70310.13	70310.13	
	Grand Total	115.02	44539.19	10794.61	55333.80	3909.53	1513887.22	366908.74	1880795.96	

C.Second Year Operation (SYO)										
1	Part Nursery Cost for seedlings for causality replacement (222 seedlings per ha.) labour rate @ RS. 3.77 and M.S. Rs 1.82 per seedlings	2.46	952.59	404.00	1356.59	83.62	32378.39	13731.96	46110.35	Latter Dt. 07.03.2018 Irrigated & Fencing Plantation Model No.1 Item No. 1Casualty
2	Transportation of 222 seedlings for causality replacement from Nursery to plantation site (including loading and unloading) wages 0.14 M.D. per 100 Seedling & M.S. Rs. 1.82 per Seedlings	0.31	120.04	404.04	524.08	10.54	4080.20	13733.32	17813.52	Item No.2 20% instead of 10%
3	Planting for casualty replacement 222 seedlings (2.00 M.D. per 100 seedlings)	4.44	1719.30	0.00	1719.30	150.92	58439.05	0.00	58439.05	Item No.3 20% instead of 10%
4	2 Weedings and 1 Soil Working with Fertilizer application 2.5 M.D. per 100 seedlings at M.S. Rs. 0.82 per seedling.	27.77	10753.38	911.02	11664.40	943.90	365507.29	30965.57	396472.86	Item No.4
5	Watch and ward (12 months-- 1watcher per 10 ha.)	11.00	4259.53	0.00	4259.53	373.89	144781.42	0.00	144781.42	Item No.6
6	Fire tracing	2.00	774.46	0.00	774.46	67.98	26323.90	0.00	26323.90	Item No.7
	Total	47.98	18579.30	1719.06	20298.36	1630.84	631510.25	58430.85	689941.10	

Contingency 3%				608.95	608.95			20698.23	20698.23	
Labour Welfare 4%				811.93	811.93			27597.64	27597.64	
Grand Total	47.98	18579.30	3139.94	21719.24	1630.84	631510.25	106726.73	738236.98		

D.Third Year Operation (TYO)

1	1 Weedings and Soil Working (1.50 M.D. per 100 seedlings) applying fertilizer @ Rs. 0.82 per seedling.	16.67	6455.12	911.02	7366.14	566.61	219409.67	30965.57	250375.24	Latter Dt. 07.03.2018 Irrigated & Fencing Plantation Model No.1 Item No. 1
2	Watch and ward (12 months-- 1 watcher per 10 ha.)	11.00	4259.53	0.00	4259.53	373.89	144781.42	0.00	144781.42	Item No. 3
3	Counting of survival percentage Grid wise and species wise and to Note the Same on Register in May and October	2.00	774.46	25.00	799.46	67.98	26323.90	849.75	27173.65	Item No. 4
4	Fire tracing	2.00	774.46		774.46	67.98	26323.90	0.00	26323.90	Item No. 5
	Total	31.67	12263.57	936.02	13199.59	1076.46	416838.88	31815.32	448654.20	
	Contingency 3%			395.99	395.99			13459.63	13459.63	
	Labour Welfare 4%			527.98	527.98			17946.17	17946.17	
	Grand Total	31.67	12263.57	1859.99	14123.57	1076.46	416838.88	63221.11	480060.00	

E. Forth Year Operation

1	Watch and ward (12 months-- 1 watcher per 10 ha.)	11.00	4259.53	0.00	4259.53	373.89	144781.42	0.00	144781.42	Latter Dt. 07.03.2018 Irrigated & Fencing Plantation Model No.1 Item No. 1
2	Counting of survival percentage Grid wise and species wise and to Note the Same on Register in May and October	2.00	774.46	25.00	799.46	67.98	26323.90	849.75	27173.65	Item No. 2
3	Fire tracing	2.00	774.46	0.00	774.46	67.98	26323.90	0.00	26323.90	Item No. 3
	Total	15.00	5808.45	25.00	5833.45	509.85	197429.22	849.75	198278.97	
	Contingency 3%			175.00	175.00			5948.37	5948.37	
	Labour Welfare 4%			233.34	233.34			7931.16	7931.16	
	Grand Total	15.00	5808.45	433.34	6241.79	509.85	197429.22	14729.28	212158.49	

F. Fifth Year Operation

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1	Watch and ward (12 months-- 1 watcher per 10 ha.)	11.00	4259.53	0.00	4259.53	373.89	144781.42	0.00	144781.42	Latter Dt. 07.03.2018 Irrigated & Fencing Plantation Model No.1 Item No. 1
2	Counting of survival percentage Grid wise and species wise and to Note the Same on Register in May and October	2.00	774.46	25.00	799.46	67.98	26323.90	849.75	27173.65	Item No. 2
3	Fire tracing	2.00	774.46	0.00	774.46	67.98	26323.90	0.00	26323.90	Item No. 3
	Total	15.00	5808.45	25.00	5833.45	509.85	197429.22	849.75	198278.97	
	Contingency 3%			175.00	175.00			5948.37	5948.37	
	Labour Welfare 4%			233.34	233.34			7931.16	7931.16	
	Grand Total	15.00	5808.45	433.34	6241.79	509.85	197429.22	14729.28	212158.49	

G. Sixth Year Operation

1	Watch and ward (12 months-- 1 watcher per 10 ha.)	11.00	4259.53	0.00	4259.53	373.89	144781.42	0.00	144781.42	Latter Dt. 07.03.2018 Irrigated & Fencing Plantation Model No.1 Item No. 1
2	Counting of survival percentage Grid wise and species wise and to Note the Same on Register in May and October	2.00	774.46	25.00	799.46	67.98	26323.90	849.75	27173.65	Item No. 2
3	Fire tracing	2.00	774.46	0.00	774.46	67.98	26323.90	0.00	26323.90	Item No. 3
	Total	15.00	5808.45	25.00	5833.45	509.85	197429.22	849.75	198278.97	
	Contingency 3%			175.00	175.00			5948.37	5948.37	
	Labour Welfare 4%			233.34	233.34			7931.16	7931.16	
	Grand Total	15.00	5808.45	433.34	6241.79	509.85	197429.22	14729.28	212158.49	

H. Seventh Year Operation

1	Watch and ward (12 months-- 1 watcher per 10 ha.)	11.00	4259.53	0.00	4259.53	373.89	144781.42	0.00	144781.42	Latter Dt. 07.03.2018 Irrigated & Fencing Plantation Model No.1 Item No. 1
2	Counting of survival percentage Grid wise and species wise and to Note the Same on Register in May and October	2.00	774.46	25.00	799.46	67.98	26323.90	849.75	27173.65	Item No. 2
3	Fire tracing	2.00	774.46	0.00	774.46	67.98	26323.90	0.00	26323.90	Item No. 3

	Total	15.00	5808.45	25.00	5833.45	509.85	197429.22	849.75	198278.97
	Contingency 3%			175.00	175.00			5948.37	5948.37
	Labour Welfare 4%			233.34	233.34			7931.16	7931.16
	Grand Total	15.00	5808.45	433.34	6241.79	509.85	197429.22	14729.28	212158.49

I. Eight Year Operation									
1	Watch and ward (12 months-- 1 watcher per 10 ha.)	11.00	4259.53	0.00	4259.53	373.89	144781.42	0.00	144781.42
2	Counting of survival percentage Grid wise and species wise and to Note the Same on Register in May and October	2.00	774.46	25.00	799.46	67.98	26323.90	849.75	27173.65
3	Fire tracing	2.00	774.46	0.00	774.46	67.98	26323.90	0.00	26323.90
	Total	15.00	5808.45	25.00	5833.45	509.85	197429.22	849.75	198278.97
	Contingency 3%			175.00	175.00			5948.37	5948.37
	Labour Welfare 4%			233.34	233.34			7931.16	7931.16
	Grand Total	15.00	5808.45	433.34	6241.79	509.85	197429.22	14729.28	212158.49

J. Ninth Year Operation									
1	Watch and ward (12 months-- 1 watcher per 10 ha.)	11.00	4259.53	0.00	4259.53	373.89	144781.42	0.00	144781.42
2	Counting of survival percentage Grid wise and species wise and to Note the Same on Register in May and October	2.00	774.46	25.00	799.46	67.98	26323.90	849.75	27173.65
3	Fire tracing	2.00	774.46	0.00	774.46	67.98	26323.90	0.00	26323.90
	Total	15.00	5808.45	25.00	5833.45	509.85	197429.22	849.75	198278.97
	Contingency 3%			175.00	175.00			5948.37	5948.37
	Labour Welfare 4%			233.34	233.34			7931.16	7931.16
	Grand Total	15.00	5808.45	433.34	6241.79	509.85	197429.22	14729.28	212158.49

K. Tenth Year Operation										Latter Dt.
1	Watch and ward (12 months-- 1watcher per 10 ha.)	11.00	4259.53	0.00	4259.53	373.89	144781.42	0.00	144781.42	07.03.2018 Irrigated & Fencing Plantation Model No.1 Item No. 1
2	Counting of survival percentage Grid wise and species wise and to Note the Same on Register in May and October	2.00	774.46	25.00	799.46	67.98	26323.90	849.75	27173.65	Item No. 2
3	Fire tracing	2.00	774.46	0.00	774.46	67.98	26323.90	0.00	26323.90	Item No. 3
	Total	15.00	5808.45	25.00	5833.45	509.85	197429.22	849.75	198278.97	
	Contingency 3%			175.00	175.00			5948.37	5948.37	
	Labour Welfare 4%			233.34	233.34			7931.16	7931.16	
	Grand Total	15.00	5808.45	433.34	6241.79	509.85	197429.22	14729.28	212158.49	

समर्थक
वनपरिक्षेत्र अधिकारी(प्रादे.)
उमरखेड.

उपविभागीय वन अधिकारी,
उमरखेड.

Deputy Conservator of Forest
Pusad Division, Pusad

Model Rate Structure for Compensatory Afforestation

Model No.5 (Abstract)

Tembhurdara Mix Plantation - 33.99 ha.

Sr. No.	Year of operation	Mandays	Wages	Material supply	Total	Other expenses	Total
1	Pre Monsoon Work	5713.04	2212260.17	5592197.95	7804458.12	546312.07	8350770.19
2	First Year Operations	3909.53	1513887.22	243866.01	1757753.24	123042.73	1880795.96
3	Second Year Operations	1630.84	631510.25	58430.85	689941.10	48295.88	738236.98
4	Third Year Operations	1076.46	416838.88	31815.32	448654.20	31405.79	480060.00
5	Fourth Year Operations	509.85	197429.22	849.75	198278.97	13879.53	212158.49
6	Fifth Year Operations	509.85	197429.22	849.75	198278.97	13879.53	212158.49
7	Sixth Year Operations	509.85	197429.22	849.75	198278.97	13879.53	212158.49
8	Seventh Year Operations	509.85	197429.22	849.75	198278.97	13879.53	212158.49
9	Eighth Year Operations	509.85	197429.22	849.75	198278.97	13879.53	212158.49
10	Ninth Year Operations	509.85	197429.22	849.75	198278.97	13879.53	212158.49
11	Tenth Year Operations	509.85	197429.22	849.75	198278.97	13879.53	212158.49
	Total	15898.82	6156501.04	5932258.38	12088759.42	846213.16	12934972.58

Say Rs. **12934973.00**

Note :-

1 Rates of chain linked fencing derived from SSR -2017-18 with addition area difference and transportation lead.

(Signature)
वनपरिक्षेत्र अधिकारी(प्रादे.)
उमरखेड.

(Signature)
उपविभागीय वन अधिकारी,
उमरखेड.

(Signature)
Deputy Conservator of Forest
Pusad Division, Pusad

Model Rate Structure for Compensatory Afforestation

Model No.4 (Fencing)

Tembhurdara Mixed Plantation

Tembhurdara

Survey No **267,254,255,256,268**
Wage Rate Rs. **387.23**
Total Ha. **35.67**

Umarkhed
3.00m x 3.00m
0.45 x 0.45 x 0.45 m
1111 per ha.

Range Name :-

Division :- Pusad
Spacement
Size of Pits
No. of Seedlings

Sr. No.	Particulars of works	1.00 ha.				36 ha.				Remarks (Saction Latter Dt./ Model No./Item No.
		Man days	Wages (in Rs.)	Material supply (in Rs.)	Total (in Rs.)	Man days	Wages (in Rs.)	Material supply (in Rs.)	Total (in Rs.)	
A. Pre Mansoon Works (PPO/PYO)										
1	a. Survey and demarcation	1.00	387.23	91.00	478.23	35.67	13812.49	3245.97	17058.46	Latter Dt. 07.03.2018 Irrigated & Fencing Plantation Model No.1 Item No. 1a
	b. Preparation of treatment map (100 m x50 m grid)	1.00	387.23	91.00	478.23	35.67	13812.49	3245.97	17058.46	Item No. 1b
	C. Digging Trial pits of size 0.30x0.30x0.60 in corner of Grid	0.40	154.89	0.00	154.89	14.27	5525.00	0.00	5525.00	Item No. 1c
	d. Fixing 60 cm x0.05cm x 12cm cement pillars up to 30cm deep in corner of Grid, painting with Grid No. rtc complete (3 Pillars, Rs 75/- for each pillars)	0.00	0.00	225.00	225.00	0.00	0.00	8025.75	8025.75	Item No. 1d
	e. Clearing of bushes and preparation of site (As per requirement.)	10.00	3872.30	91.00	3963.30	356.70	138124.94	3245.97	141370.91	Item No. 1e
2	Soil and moisture conservation works including collection of rubbles from areas upto 30 m etc.	31.00	12004.13	0.00	12004.13	1105.77	428187.32	0.00	428187.32	Item No. 2
3	Providing chain link fencing 80 Rmt. Per ha (with one gate + two wickets gates for ane site) (Rs 1494/- per Rmt of basic rate 20% for tribal/remote area (by tender process.) (Rs. 1494+298.=1792/- per Rmt. (.60 Rmt height with G.I. Chin link size 50mm x 50m, 8 gauge thick an fixed 75mm above ground level complete as per SSR item No. 1744 for 2017-18)	0.00	0.00	143360.00	143360.00	0.00	0.00	5113651.20	5113651.20	As Per SSR rates 2017-18 Item No. 1744
4	Alignment of pits at 3m x 3m spacement. 1111 pits per Ha. (0.25 M.D. Per 100 pit) M&S @ Rs. 2.24 per 50 pits.	2.89	1119.09	91.00	1210.09	103.09	39918.11	3245.97	43164.08	Item No. 4

5	Digging of pits of size 0.45 x 0.45 x 0.45 m (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	28395.58	0.00	28395.58	2615.68	1012870.19	0.00	1012870.19	Item No. 5
6	Construction of 5.00 Rmt. Wide Inspection Path 1M.D. per 100 Rmt.	1.00	387.23	0.00	387.23	35.67	13812.49	0.00	13812.49	Item No. 6
7	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	178350.00	178350.00	Item No. 8
8	Part Nursery cost of raising 1333 seedling per ha. (Including 20% casualty replacement) in Polygons of size 12.50 x 25.00 cm. (Wages Rs. 11.90 and M.& S Rs. 3.62 pre plant)	46.70	18083.64	4798.80	22882.44	1665.79	645043.47	171173.20	816216.67	Item No. 9 20% Casualty replacement in place of 10%
	Total	167.32	64791.32	153747.80	218539.12	5968.30	2311106.51	5484184.03	7795290.54	
	Contingency 3%			6556.17	6556.17			233858.72	233858.72	
	Labour Welfare 4%			8741.56	8741.56			311811.62	311811.62	
	Grand Total	167.32	64791.32	169045.54	233836.86	5968.30	2311106.51	6029854.36	8340960.88	

B.First Year Operation (FYO)										
1	Part Nursery Cost for Maintenance of 1333 seedling pre ha Rs. 3.77 per seedling & Wages Rs. 2.69 M&S Rs. 0.81)	14.80	5731.00	1079.73	6810.73	527.92	204424.91	38513.97	242938.88	Latter Dt. 07.03.2018 Irrigated & Fencing Plantation Model No.1 Item No. 1 Casualty replacement 20%
2	Refilling of pits by good quality soil including application of single super phosphate (1.66 MD per 100 pits)	18.44	7140.52	1944.25	9084.77	657.75	254702.39	69351.40	324053.79	Item No.2
3	Transportation of 1333 seedling from Nursery to Palntation site including loading & unloading (0.14 M.D. per 100 Seedlings & M.S. Rs. 1.82 per Seedling)	1.87	724.12	2426.00	3150.12	66.70	25829.36	86535.42	112364.78	Item No.3 10% Extra Plant to be transported
4	Planting of 1111 Seedling (1.0 M.D. per 100 Seedling)	11.11	4302.13	0.00	4302.13	396.29	153456.81	0.00	153456.81	Item No.4
5	3 Seedling (1 Rmt circular) and 2 Soil Working (4.00 M.D. per 100 Seedling) Fertilizer application Rs. 0.82 per seedling.	44.44	17208.50	911.02	18119.52	1585.17	613827.24	32496.08	646323.32	Item No.4
6	Casualty replacement (20% 222 Seedling per ha.) (2 M.D. per 100 Seedling)	4.44	1719.30	0.00	1719.30	158.37	61327.47	0.00	61327.47	Item No.7 20% instead of 10%

7	Part Nursery Cost for causality replacement in SYO (222 seedlings per ha.) (wages Rs. 11.90 and material supply Rs. 3.62 total Rs. 12.55 per seedling.)	7.77	3008.78	803.64	3812.42	277.16	107323.08	28665.84	135988.92	Item No.8 20% instead of 10%
8	Watch and ward (10 months-- 1 watcher per 10 ha.)	8.50	3291.46	0.00	3291.46	303.20	117406.20	0.00	117406.20	Item No.9
9	Fire tracing	2.00	774.46	0.00	774.46	71.34	27624.99	0.00	27624.99	Item No.12
	Total	113.37	43900.27	7164.64	51064.91	4043.91	1565922.46	255562.71	1821485.16	
	Contingency 3%			1531.95	1531.95			54644.55	54644.55	
	Labour Welfare 4%			2042.60	2042.60			72859.41	72859.41	
	Grand Total	113.37	43900.27	10739.18	54639.45	4043.91	1565922.46	383066.67	1948989.13	

C.Second Year Operation (SYO)

1	Part Nursery Cost for seedlings for causality replacement (222 seedlings per ha.) labour rate @ RS. 3.77 and M.S. Rs 1.82 per seedlings	2.46	952.59	404.04	1356.63	87.75	33978.74	14412.11	48390.84	Latter Dt. 07.03.2018 Irrigated & Fencing Plantation Model No.1 Item No. 1Casualty
2	Transportation of 222 seedlings for causality replacement from Nursery to plantation site (including loading and unloading) wages 0.14 M.D. per 100 Seedling & M.S. Rs. 1.82 per Seedlings	0.31	120.04	404.04	524.08	11.06	4281.87	14412.11	18693.98	Item No.2 20% instead of 10%
3	Planting for causality replacement 222 seedlings (2.00 M.D. per 100 seedlings)	4.44	1719.30	0.00	1719.30	158.37	61327.47	0.00	61327.47	Item No.3 20% instead of 10%
4	2 Weedings and 1 Soil Working with Fertilizer application 2.5 M.D. per 100 seedlings at M.S. Rs. 0.82 per seedling.	27.77	10753.38	911.02	11664.40	990.56	383572.96	32496.08	416069.04	Item No.4
5	Watch and ward (12 months-- 1 watcher per 10 ha.)	10.50	4065.92	0.00	4065.92	374.54	145031.19	0.00	145031.19	Item No.6
6	Fire tracing	2.00	774.46	0.00	774.46	71.34	27624.99	0.00	27624.99	Item No.7
	Total	47.48	18385.68	1719.10	20104.78	1693.61	655817.22	61320.30	717137.52	
	Contingency 3%			603.14	603.14			21514.13	21514.13	
	Labour Welfare 4%			804.19	804.19			28685.50	28685.50	
	Grand Total	47.48	18385.68	3126.43	21512.12	1693.61	655817.22	111519.92	767337.14	

D.Third Year Operation (TYO)

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1	1 Weeding and Soil Working (1.50 M.D. per 100 seedlings) applying fertilizer @ Rs. 0.82 per seedling.	16.67	6455.12	911.02	7366.14	594.62	230254.28	32496.08	262750.36	Latter Dt. 07.03.2018 Irrigated & Fencing Plantation Model No.1 Item No. 1
2	Watch and ward (12 months-- 1 watcher per 10 ha.)	10.50	4065.92	0.00	4065.92	374.54	145031.19	0.00	145031.19	Item No. 3
3	Counting of survival percentage Grid wise and species wise and to Note the Same on Register in May and October	2.00	774.46	25.00	799.46	71.34	27624.99	891.75	28516.74	Item No. 4
4	Fire tracing	2.00	774.46	0.00	774.46	71.34	27624.99	0.00	27624.99	Item No. 5
	Total	31.17	12069.96	936.02	13005.98	1111.83	430535.44	33387.83	463923.27	
	Contingency 3%			390.18	390.18			13917.70	13917.70	
	Labour Welfare 4%			520.24	520.24			18556.93	18556.93	
	Grand Total	31.17	12069.96	1846.44	13916.40	1111.83	430535.44	65862.46	496397.90	

E. Forth Year Operation

1	Watch and ward (12 months-- 1 watcher per 10 ha.)	10.50	4065.92	0.00	4065.92	374.54	145031.19	0.00	145031.19	Latter Dt. 07.03.2018 Irrigated & Fencing Plantation Model No.1 Item No. 1
2	Counting of survival percentage Grid wise and species wise and to Note the Same on Register in May and October	2.00	774.46	25.00	799.46	71.34	27624.99	891.75	28516.74	Item No. 2
3	Fire tracing	2.00	774.46	0.00	774.46	71.34	27624.99	0.00	27624.99	Item No. 3
	Total	14.50	5614.84	25.00	5639.84	517.22	200281.16	891.75	201172.91	
	Contingency 3%			169.20	169.20			6035.19	6035.19	
	Labour Welfare 4%			225.59	225.59			8046.92	8046.92	
	Grand Total	14.50	5614.84	419.79	6034.62	517.22	200281.16	14973.85	215255.02	

F. Fifth Year Operation

1	Watch and ward (12 months-- 1 watcher per 10 ha.)	10.50	4065.92	0.00	4065.92	374.54	145031.19	0.00	145031.19	Latter Dt. 07.03.2018 Irrigated & Fencing Plantation Model No.1 Item No. 1
2	Counting of survival percentage Grid wise and species wise and to Note the Same on Register in May and October	2.00	774.46	25.00	799.46	71.34	27624.99	891.75	28516.74	Item No. 2
3	Fire tracing	2.00	774.46	0.00	774.46	71.34	27624.99	0.00	27624.99	Item No. 3
	Total	14.50	5614.84	25.00	5639.84	517.22	200281.16	891.75	201172.91	

Contingency 3%				169.20	169.20					6035.19	6035.19
Labour Welfare 4%				225.59	225.59					8046.92	8046.92
Grand Total	14.50	5614.84	419.79	6034.62	517.22	200281.16	14973.85	215255.02			

G. Sixth Year Operation

											Latter Dt. 07.03.2018 Irrigated & Fencing Plantation Model No.1 Item No. 1
1	Watch and ward (12 months-- 1 watcher per 10 ha.)	10.50	4065.92	0.00	4065.92	374.54	145031.19	0.00	145031.19		
2	Counting of survival percentage Grid wise and species wise and to Note the Same on Register in May and October	2.00	774.46	25.00	799.46	71.34	27624.99	891.75	28516.74	Item No. 2	
3	Fire tracing	2.00	774.46	0.00	774.46	71.34	27624.99	0.00	27624.99	Item No. 3	
	Total	14.50	5614.84	25.00	5639.84	517.22	200281.16	891.75	201172.91		
	Contingency 3%			169.20	169.20			6035.19	6035.19		
	Labour Welfare 4%			225.59	225.59			8046.92	8046.92		
	Grand Total	14.50	5614.84	419.79	6034.62	517.22	200281.16	14973.85	215255.02		

H. Seventh Year Operation

											Latter Dt. 07.03.2018 Irrigated & Fencing Plantation Model No.1 Item No. 1
1	Watch and ward (12 months-- 1 watcher per 10 ha.)	10.50	4065.92	0.00	4065.92	374.54	145031.19	0.00	145031.19		
2	Counting of survival percentage Grid wise and species wise and to Note the Same on Register in May and October	2.00	774.46	25.00	799.46	71.34	27624.99	891.75	28516.74	Item No. 2	
3	Fire tracing	2.00	774.46	0.00	774.46	71.34	27624.99	0.00	27624.99	Item No. 3	
	Total	14.50	5614.84	25.00	5639.84	517.22	200281.16	891.75	201172.91		
	Contingency 3%			169.20	169.20			6035.19	6035.19		
	Labour Welfare 4%			225.59	225.59			8046.92	8046.92		
	Grand Total	14.50	5614.84	419.79	6034.62	517.22	200281.16	14973.85	215255.02		

I. Eight Year Operation

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1	Watch and ward (12 months-- 1 watcher per 10 ha.)	10.50	4065.92	0.00	4065.92	374.54	145031.19	0.00	145031.19	Latter Dt. 07.03.2018 Irrigated & Fencing Plantation Model No.1 Item No. 1
2	Counting of survival percentage Grid wise and species wise and to Note the Same on Register in May and October	2.00	774.46	25.00	799.46	71.34	27624.99	891.75	28516.74	Item No. 2
3	Fire tracing	2.00	774.46	0.00	774.46	71.34	27624.99	0.00	27624.99	Item No. 3
	Total	14.50	5614.84	25.00	5639.84	517.22	200281.16	891.75	201172.91	
	Contingency 3%			169.20	169.20			6035.19	6035.19	
	Labour Welfare 4%			225.59	225.59			8046.92	8046.92	
	Grand Total	14.50	5614.84	419.79	6034.62	517.22	200281.16	14973.85	215255.02	

J. Ninth Year Operation										
1	Watch and ward (12 months-- 1 watcher per 10 ha.)	10.50	4065.92	0.00	4065.92	374.54	145031.19	0.00	145031.19	Latter Dt. 07.03.2018 Irrigated & Fencing Plantation Model No.1 Item No. 1
2	Counting of survival percentage Grid wise and species wise and to Note the Same on Register in May and October	2.00	774.46	25.00	799.46	71.34	27624.99	891.75	28516.74	Item No. 2
3	Fire tracing	2.00	774.46	0.00	774.46	71.34	27624.99	0.00	27624.99	Item No. 3
	Total	14.50	5614.84	25.00	5639.84	517.22	200281.16	891.75	201172.91	
	Contingency 3%			169.20	169.20			6035.19	6035.19	
	Labour Welfare 4%			225.59	225.59			8046.92	8046.92	
	Grand Total	14.50	5614.84	419.79	6034.62	517.22	200281.16	14973.85	215255.02	

K. Tenth Year Operation										
1	Watch and ward (12 months-- 1 watcher per 10 ha.)	10.50	4065.92	0.00	4065.92	374.54	145031.19	0.00	145031.19	Latter Dt. 07.03.2018 Irrigated & Fencing Plantation Model No.1 Item No. 1
2	Counting of survival percentage Grid wise and species wise and to Note the Same on Register in May and October	2.00	774.46	25.00	799.46	71.34	27624.99	891.75	28516.74	Item No. 2
3	Fire tracing	2.00	774.46	0.00	774.46	71.34	27624.99	0.00	27624.99	Item No. 3
	Total	14.50	5614.84	25.00	5639.84	517.22	200281.16	891.75	201172.91	
	Contingency 3%			169.20	169.20			6035.19	6035.19	
	Labour Welfare 4%			225.59	225.59			8046.92	8046.92	
	Grand Total	14.50	5614.84	419.79	6034.62	517.22	200281.16	14973.85	215255.02	

पुनर्निर्माण अधिकारी (प्र.स.)
उमरखेड.

अधीक्षक अभियंता, पुसाद
पुसाद फ्लोडिंग, पुसाद

Deputy Conservator of Forest
Pusad Division, Pusad

Model Rate Structure for Compensatory Afforestation

Model No 4 (Abstract)
Tembhurdara Mix Plantation - 35.67 ha.

Sr. No.	Year of operation	Mandays	Wages	Material supply	Total	Other expenses	Total
1	Pre Monsoon Work	5968.30	2311106.51	5484184.03	7795290.54	545670.34	8340960.88
2	First Year Operations	4043.91	1565922.46	255562.71	1821485.16	127503.96	1948989.13
3	Second Year Operations	1693.61	655817.22	61320.30	717137.52	50199.63	767337.14
4	Third Year Operations	1111.83	430535.44	33387.83	463923.27	32474.63	496397.90
5	Fourth Year Operations	517.22	200281.16	891.75	201172.91	14082.10	215255.02
6	Fifth Year Operations	517.22	200281.16	891.75	201172.91	14082.10	215255.02
7	Sixth Year Operations	517.22	200281.16	891.75	201172.91	14082.10	215255.02
8	Seventh Year Operations	517.22	200281.16	891.75	201172.91	14082.10	215255.02
9	Eighth Year Operations	517.22	200281.16	891.75	201172.91	14082.10	215255.02
10	Ninth Year Operations	517.22	200281.16	891.75	201172.91	14082.10	215255.02
11	Tenth Year Operations	517.22	200281.16	891.75	201172.91	14082.10	215255.02
	Total	16438.16	6365349.78	5840697.12	12206046.90	854423.28	13060470.18

Say Rs. **13060470.00**

Note :-

- 1 Rates of chain linked fencing derived from SSR -2017-18 with addition area difference and transportation lead.

प्रतिपादित
वनपरिवेन अधिकारी(प्रदे.)
उमरखेड.

प्रतिपादित
वनपरिवेन अधिकारी,
उमरखेड.

प्रतिपादित
Deputy Conservator of Forest
Pusad Division, Pusad

Model Rate Structure for Compensatory Afforestation

Model No.4 (Fencing)

Tembhurdara Mixed Plantation

Tembhurdara

Survey No 205 280 279
Wage Rate Rs. 387.23
Total Ha. 31.36

Range Name :-

Division :- Pusad

Spacemnt

Size of Pits

No. of Seedlings

Unmarked

3.00m x 3.00m

0.45 x 0.45 x 0.45 m

1111 per ha.

Village Name :-

Beat :-

Round :-

Sr. No.	Particulars of works	1.00 ha.				31 ha.				Remarks (Saction Latter Dt./ Model No./Item No.
		Man days	Wages (in Rs.)	Material supply (in Rs.)	Total (in Rs.)	Man days	Wages (in Rs.)	Material supply (in Rs.)	Total (in Rs.)	
A. Pre Mansoon Works (PPO/PYO)										
1	a. Survey and demarcation	1.00	387.23	91.00	478.23	31.36	12143.53	2853.76	14997.29	Latter Dt. 07.03.2018 Irrigated & Fencing Plantation Model No.1 Item No. 1a
	b. Preparation of treatment map (100 m x50 m grid)	1.00	387.23	91.00	478.23	31.36	12143.53	2853.76	14997.29	Item No. 1b
	C. Digging Trial pits of size 0.30x0.30x0.60 in corner of Grid	0.40	154.89	0.00	154.89	12.54	4857.41	0.00	4857.41	Item No. 1c
	d. Fixing 60 cm x0.05cm x 12cm cement pillars up to 30cm deep in corner of Grid, painting with Grid No. rtc complete (3 Pillars, Rs 75/- for each pillars)	0.00	0.00	225.00	225.00	0.00	0.00	7056.00	7056.00	Item No. 1d
	e. Clearing of bushes and preparation of site (As per requirement.)	10.00	3872.30	91.00	3963.30	313.60	121435.33	2853.76	124289.09	Item No. 1e
2	Soil and moisture conservation works including collection of rubbles from areas upto 30 m etc.	31.00	12004.13	0.00	12004.13	972.16	376449.52	0.00	376449.52	Item No. 2
3	Providing chain link fencing 64 Rmt. Per ha (with one gate + two wickets gates for ane site) (Rs 1494/- per Rmt of basic rate 20% for tribal/remote area (by tender process.) (Rs. 1494+298 =1792/- per Rmt. (60 Rmt height with G.I. Chin link size 50mm x 50m, 8 gauge thick an fixed 75mm above ground level complete as per SSR item No. 1744 for 2017-18)	0.00	0.00	114688.00	114688.00	0.00	0.00	3596615.68	3596615.68	As Per SSR rates 2017-18 Item No. 1744
4	Alignment of pits at 3m x 3m spacement. 1111 pits per Ha. (0.25 M.D. Per 100 pit) M&S @ Rs. 2.24 per 50 pits.	2.89	1119.09	91.00	1210.09	90.63	35094.81	2853.76	37948.57	Item No. 4

5	Digging of pits of size 0.45 x 0.45 x 0.45 m (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	28395.58	0.00	28395.58	2299.63	890485.26	0.00	890485.26	Item No. 5
6	Construction of 5.00 Rmt. Wide Inspection Path 1M.D. per 100 Rmt.	1.00	387.23	0.00	387.23	31.36	12143.53	0.00	12143.53	Item No. 6
7	Providing and fixing (4 feet x 3 feet) information board each per site	0.00	0.00	5000.00	5000.00	0.00	156800.00	156800.00	156800.00	Item No. 8
8	Part Nursery cost of raising 1333 seedling per ha. (Including 20% casualty replacement) in Polygons of size 12.50 x 25.00 cm. (Wages Rs. 11.90 and M. & S Rs. 3.62 pre plant)	46.70	18083.64	4798.80	22882.44	1464.51	567102.98	150490.37	717593.35	Item No. 9 20% Casualty replacement in place of 10%
	Total	167.32	64791.32	125075.80	189867.12	5247.16	2031855.91	3922377.09	5954233.00	
	Contingency 3%			5696.01	5696.01			178626.99	178626.99	
	Labour Welfare 4%			7594.68	7594.68			238169.32	238169.32	
	Grand Total	167.32	64791.32	138366.50	203157.82	5247.16	2031855.91	4339173.40	6371029.31	

B.First Year Operation (FYO)

1	Part Nursery Cost for Maintenance of 1333 seedling pre ha Rs. 3.77 per seedling & Wages Rs. 2.69 M&S Rs. 0.81)	14.80	5731.00	1079.73	6810.73	464.13	179724.29	33860.33	213584.62	Latter Dt. 07.03.2018 Irrigated & Fencing Plantation Model No.1 Item No. 1 Casualty replacement 20%
2	Refilling of pits by good quality soil including application of single super phosphate (1.66 MD per 100 pits)	18.44	7140.52	1944.25	9084.77	578.28	223926.74	60971.68	284898.42	Item No.2
3	Transportation of 1333 seedling form Nursery to Palnitation site including loading & unloading (0.14 M.D. per 100 Seedlings & M.S. Rs. 1.82 per Seedling)	1.87	724.12	2426.00	3150.12	58.64	22708.41	76079.36	98787.77	Item No.3 10% Extra Plant to be transported
4	Planting of 1111 Seedling (1.0 M.D per 100 Seedling)	11.11	4302.13	0.00	4302.13	348.41	134914.65	0.00	134914.65	Item No.4
5	3 Seedling (1 Rmt circular) and 2 Soil Working (4.00 M.D. per 100 Seedling) Fertilizer application Rs. 0.82 per seedling.	44.44	17208.50	911.02	18119.52	1393.64	539658.60	28569.59	568228.18	Item No.4
6	Casualty replacement (20% 222 Seedling per ha.) (2 M.D. per 100 Seedling)	4.44	1719.30	0.00	1719.30	139.24	53917.29	0.00	53917.29	Item No.7 20% instead of 10%

7	Part Nursery Cost for causality replacement in SYO (222 seedlings per ha.) (wages Rs. 11.90 and material supply Rs. 3.62 total Rs. 12.55 per seedling.)	7.77	3008.78	803.64	3812.42	243.67	94355.25	25202.15	119557.40	Item No.8 20% instead of 10%
8	Watch and ward (10 months-- 1watcher per 10 ha.)	10.00	3872.30	0.00	3872.30	313.60	121435.33	0.00	121435.33	Item No.9
9	Fire tracing	2.00	774.46	0.00	774.46	62.72	24287.07	0.00	24287.07	Item No.12
	Total	114.87	44481.11	7164.64	51645.75	3602.32	1394927.61	224683.11	1619610.72	
	Contingency 3%			1549.37	1549.37			48588.32	48588.32	
	Labour Welfare 4%			2065.83	2065.83			64784.43	64784.43	
	Grand Total	114.87	44481.11	10779.84	55260.95	3602.32	1394927.61	338055.86	1732983.47	

C.Second Year Operation (SYO)										
1	Part Nursery Cost for seedlings for causality replacement (222 seedlings per ha.) labour rate @ RS. 3.77 and M.S. Rs. 1.82 per seedlings	2.46	952.59	404.04	1356.63	77.15	29873.09	12670.69	42543.79	Latter Dt. 07.03.2018 Irrigated & Fencing Plantation Model No.1 Item No. I Casualty
2	Transportation of 222 seedlings for causality replacement from Nursery to plantation site (including loading and unloading) wages 0.14 M.D. per 100 Seedling & M.S. Rs. 1.82 per Seedlings	0.31	120.04	404.04	524.08	9.72	3764.50	12670.69	16435.19	Item No.2 20% instead of 10%
3	Planting for causality replacement 222 seedlings (2.00 M.D. per 100 seedlings)	4.44	1719.30	0.00	1719.30	139.24	53917.29	0.00	53917.29	Item No.3 20% instead of 10%
4	2 Weedings and 1 Soil Working with Fertilizer application 2.5 M.D. per 100 seedlings at M.S. Rs. 0.82 per seedling.	27.77	10753.38	911.02	11664.40	870.87	337225.91	28569.59	365795.49	Item No.4
5	Watch and ward (12 months-- 1watcher per 10 ha.)	12.00	4646.76	0.00	4646.76	376.32	145722.39	0.00	145722.39	Item No.6
6	Fire tracing	2.00	774.46	0.00	774.46	62.72	24287.07	0.00	24287.07	Item No.7
	Total	48.98	18966.53	1719.10	20685.63	1536.01	594790.24	53910.98	648701.21	
	Contingency 3%			620.57	620.57			19461.04	19461.04	
	Labour Welfare 4%			827.43	827.43			25948.05	25948.05	
	Grand Total	48.98	18966.53	3167.09	22133.62	1536.01	594790.24	99320.06	694110.30	

D.Third Year Operation (TYO)										
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1	1 Weeding and Soil Working (1.50 M.D. per 100 seedlings) applying fertilizer @ Rs. 0.82 per seedling.	16.67	6455.12	911.02	7366.14	522.77	202432.69	28569.59	231002.28	Latter Dt. 07.03.2018 Irrigated & Fencing Plantation Model No.1 Item No. 1
2	2 Watch and ward (12 months-- 1 watcher per 10 ha.)	12.00	4646.76	0.00	4646.76	376.32	145722.39	0.00	145722.39	Item No. 3
3	3 Counting of survival percentage Grid wise and species wise and to Note the Same on Register in May and October	2.00	774.46	25.00	799.46	62.72	24287.07	784.00	25071.07	Item No. 4
4	4 Fire tracing	2.00	774.46	0.00	774.46	62.72	24287.07	0.00	24287.07	Item No. 5
	Total	32.67	12650.80	936.02	13586.82	1024.53	396729.22	29353.59	426082.80	
	Contingency 3%			407.60	407.60			12782.48	12782.48	
	Labour Welfare 4%			543.47	543.47			17043.31	17043.31	
	Grand Total	32.67	12650.80	1887.10	14537.90	1024.53	396729.22	59179.38	455908.60	

E. Forth Year Operation

1	1 Watch and ward (12 months-- 1 watcher per 10 ha.)	12.00	4646.76	0.00	4646.76	376.32	145722.39	0.00	145722.39	Latter Dt. 07.03.2018 Irrigated & Fencing Plantation Model No.1 Item No. 1
2	2 Counting of survival percentage Grid wise and species wise and to Note the Same on Register in May and October	2.00	774.46	25.00	799.46	62.72	24287.07	784.00	25071.07	Item No. 2
3	3 Fire tracing	2.00	774.46	0.00	774.46	62.72	24287.07	0.00	24287.07	Item No. 3
	Total	16.00	6195.68	25.00	6220.68	501.76	194296.52	784.00	195080.52	
	Contingency 3%			186.62	186.62			5852.42	5852.42	
	Labour Welfare 4%			248.83	248.83			7803.22	7803.22	
	Grand Total	16.00	6195.68	460.45	6656.13	501.76	194296.52	14439.64	208736.16	

F. Fifth Year Operation

1	1 Watch and ward (12 months-- 1 watcher per 10 ha.)	12.00	4646.76	0.00	4646.76	376.32	145722.39	0.00	145722.39	Latter Dt. 07.03.2018 Irrigated & Fencing Plantation Model No.1 Item No. 1
2	2 Counting of survival percentage Grid wise and species wise and to Note the Same on Register in May and October	2.00	774.46	25.00	799.46	62.72	24287.07	784.00	25071.07	Item No. 2
3	3 Fire tracing	2.00	774.46	0.00	774.46	62.72	24287.07	0.00	24287.07	Item No. 3
	Total	16.00	6195.68	25.00	6220.68	501.76	194296.52	784.00	195080.52	

Contingency 3%				186.62	186.62				5852.42	
Labour Welfare 4%				248.83	248.83				7803.22	
Grand Total	16.00	6195.68	460.45	6656.13	501.76	194296.52	14439.64	208736.16		

G. Sixth Year Operation										
1	Watch and ward (12 months-- 1 watcher per 10 ha.)	12.00	4646.76	0.00	4646.76	376.32	145722.39	0.00	145722.39	Latter Dt. 07.03.2018 Irrigated & Fencing Plantation Model No.1 Item No. 1
2	Counting of survival percentage Grid wise and species wise and to Note the Same on Register in May and October	2.00	774.46	25.00	799.46	62.72	24287.07	784.00	25071.07	Item No. 2
3	Fire tracing	2.00	774.46	0.00	774.46	62.72	24287.07	0.00	24287.07	Item No. 3
	Total	16.00	6195.68	25.00	6220.68	501.76	194296.52	784.00	195080.52	
	Contingency 3%			186.62	186.62			5852.42	5852.42	
	Labour Welfare 4%			248.83	248.83			7803.22	7803.22	
	Grand Total	16.00	6195.68	460.45	6656.13	501.76	194296.52	14439.64	208736.16	

H. Seventh Year Operation										
1	Watch and ward (12 months-- 1 watcher per 10 ha.)	12.00	4646.76	0.00	4646.76	376.32	145722.39	0.00	145722.39	Latter Dt. 07.03.2018 Irrigated & Fencing Plantation Model No.1 Item No. 1
2	Counting of survival percentage Grid wise and species wise and to Note the Same on Register in May and October	2.00	774.46	25.00	799.46	62.72	24287.07	784.00	25071.07	Item No. 2
3	Fire tracing	2.00	774.46	0.00	774.46	62.72	24287.07	0.00	24287.07	Item No. 3
	Total	16.00	6195.68	25.00	6220.68	501.76	194296.52	784.00	195080.52	
	Contingency 3%			186.62	186.62			5852.42	5852.42	
	Labour Welfare 4%			248.83	248.83			7803.22	7803.22	
	Grand Total	16.00	6195.68	460.45	6656.13	501.76	194296.52	14439.64	208736.16	

I. Eight Year Operation									
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1	Watch and ward (12 months-- 1 watcher per 10 ha.)	12.00	4646.76	0.00	4646.76	376.32	145722.39	0.00	145722.39	Latter Dt. 07.03.2018 Irrigated & Fencing Plantation Model No.1 Item No. 1
2	Counting of survival percentage Grid wise and species wise and to Note the Same on Register in May and October	2.00	774.46	25.00	799.46	62.72	24287.07	784.00	25071.07	Item No. 2
3	Fire tracing	2.00	774.46	0.00	774.46	62.72	24287.07	0.00	24287.07	Item No. 3
	Total	16.00	6195.68	25.00	6220.68	501.76	194296.52	784.00	195080.52	
	Contingency 3%			186.62	186.62			5852.42	5852.42	
	Labour Welfare 4%			248.83	248.83			7803.22	7803.22	
	Grand Total	16.00	6195.68	460.45	6656.13	501.76	194296.52	14439.64	208736.16	

J. Ninth Year Operation										
1	Watch and ward (12 months-- 1 watcher per 10 ha.)	12.00	4646.76	0.00	4646.76	376.32	145722.39	0.00	145722.39	Latter Dt. 07.03.2018 Irrigated & Fencing Plantation Model No.1 Item No. 1
2	Counting of survival percentage Grid wise and species wise and to Note the Same on Register in May and October	2.00	774.46	25.00	799.46	62.72	24287.07	784.00	25071.07	Item No. 2
3	Fire tracing	2.00	774.46	0.00	774.46	62.72	24287.07	0.00	24287.07	Item No. 3
	Total	16.00	6195.68	25.00	6220.68	501.76	194296.52	784.00	195080.52	
	Contingency 3%			186.62	186.62			5852.42	5852.42	
	Labour Welfare 4%			248.83	248.83			7803.22	7803.22	
	Grand Total	16.00	6195.68	460.45	6656.13	501.76	194296.52	14439.64	208736.16	

K. Tenth Year Operation										
										Latter Dt. 07.03.2018 Irrigated & Fencing Plantation Model No.1 Item No. 1
1	Watch and ward (12 months-- 1 watcher per 10 ha.)	12.00	4646.76	0.00	4646.76	376.32	145722.39	0.00	145722.39	
2	Counting of survival percentage Grid wise and species wise and to Note the Same on Register in May and October	2.00	774.46	25.00	799.46	62.72	24287.07	784.00	25071.07	Item No. 2
3	Fire tracing	2.00	774.46	0.00	774.46	62.72	24287.07	0.00	24287.07	Item No. 3
	Total	16.00	6195.68	25.00	6220.68	501.76	194296.52	784.00	195080.52	
	Contingency 3%			186.62	186.62			5852.42	5852.42	
	Labour Welfare 4%			248.83	248.83			7803.22	7803.22	
	Grand Total	16.00	6195.68	460.45	6656.13	501.76	194296.52	14439.64	208736.16	

पुष्पराज
वनपरिवेष्टन अधिकारी(ग्राम.)
पुसाद

उपविभागाध्यक्ष
वनपरिवेष्टन
पुसाद

Deputy Conservator of Forest
Pusad Division, Pusad

Model Rate Structure for Compensatory Afforestation

Model No 4 (Abstract)

Tembhurdara Mix Plantation - 31.36 ha.

Sr. No.	Year of operation	Mandays	Wages	Material supply	Total	Other expenses	Total
1	Pre Monsoon Work	5247.16	2031855.91	3922377.09	5954233.00	416796.31	6371029.31
2	First Year Operations	3602.32	1394927.61	224683.11	1619610.72	113372.75	1732983.47
3	Second Year Operations	1536.01	594790.24	53910.98	648701.21	45409.08	694110.30
4	Third Year Operations	1024.53	396729.22	29353.59	426082.80	29825.80	455908.60
5	Fourth Year Operations	501.76	194296.52	784.00	195080.52	13655.64	208736.16
6	Fifth Year Operations	501.76	194296.52	784.00	195080.52	13655.64	208736.16
7	Sixth Year Operations	501.76	194296.52	784.00	195080.52	13655.64	208736.16
8	Seventh Year Operations	501.76	194296.52	784.00	195080.52	13655.64	208736.16
9	Eighth Year Operations	501.76	194296.52	784.00	195080.52	13655.64	208736.16
10	Ninth Year Operations	501.76	194296.52	784.00	195080.52	13655.64	208736.16
11	Tenth Year Operations	501.76	194296.52	784.00	195080.52	13655.64	208736.16
	Total	14922.34	5778378.65	4235812.76	10014191.41	700993.40	10715184.81

Note :-

1 Rates of chain linked fencing derived from SSR -2017-18 with addition area difference and transportation lead.

Say Rs.

10715185.00

संयोजक (प्र.)
वनपरिक्षेत्र अधिकारी (प्र.)
उमरखेड.

उपनिर्देशक वन अधिकारी,
उमरखेड.

Deputy Conservator of Forest
Pusad Division, Pusad