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**Model Rate Structure for Compensatory Afforestation
Model No.3
First Year Operation**

Name of Range : Kalwan Name of Round : Abhona Name of Beat : Abhona Name of Village : Vanjari Comptt No. : 287					Spaciment : 3.00 x 3.00 m Size of pits : 0.45 x 0.45 x 0.45 m No of seedlings : 1111 per ha. Wages rate : 382.01 Area in Ha. : 2.00				
Sr. No.	Particulars of Work	Mandays	Wages	Material Supply	Total (Per Ha.)	Mandays	Wages	Material Supply	Total (2.00 Ha.)
1	2	3	4	5	6	7	8	9	10
1	Part Nursery Cost for raising 1333 seedling per ha.(including 20 % casualty replacement) in polybag of size 12.50 x 25.00 cm (wages Rs.8.80 & M & S Rs.1.76 per plant)	11.68	4461.88	586.52	5048.40	23.36	8923.75	1173.04	10096.79
2	Refilling of pits with good quantity soil a) Wages 1.66 M.D.per 100 pits b) 20 % soil replacement 20 cum per ha. Rs. 300 per cum. C) Filling 5% farm Yard manure in pits. 5 cum per ha. Rs. 700/- per cum.	18.44	7044.26	9500.00	16544.26	36.88	14088.53	19000.00	33088.53
3	Transportation of 1333 seedlings from Nursey to plantation site including loading & unloading (0.14 M.D. per 100 seedling & M.S. Rs.1/-seedling.	1.55	592.12	1333.00	1925.12	3.10	1184.23	2666.00	3850.23
4	Plantation of agave suckers in 3 rows on TCM.(306 suckers per ha @ Rs.500/- per kg.	1.00	382.01	981.00	1363.01	2.00	764.02	1962.00	2726.02
5	Sowing of seeds on TCM. 1200 RMT. 5 kg per ha.@ Rs.50/- per kg.	12.00	4584.12	250.00	4834.12	24.00	9168.24	500.00	9668.24
6	Removal of weeds from CCT (1.20 M.D.per 100 rmt.	14.40	5500.94	0.00	5500.94	28.80	11001.89	0.00	11001.89
7	Planting of seedlings 1111 per ha.(1.00 M.D. per 100 seedlings	11.11	4244.13	0.00	4244.13	22.22	8488.26	0.00	8488.26
8	Three weeding & soil working (3.50 M.D. per 100 seedling) Fertilizer application 0.45 M.D. per seedling	38.88	14852.55	500.00	15352.55	77.76	29705.10	1000.00	30705.10
9	Casualty replacement (20 % 222 seedlings per ha.) (2 M.D. per 100 seedlings)	4.44	1696.12	0.00	1696.12	8.88	3392.25	0.00	3392.25
10	Part Nursery Cost for casualty replacement in SYO (222 seedling per ha. (wages Rs.8.80 & M & S Rs.1.76 per plant Total 10.56 per seedling)	7.78	2972.04	390.72	3362.76	15.56	5944.08	781.44	6725.52
11	Watch & ward (10 - months- 1 watcher per 10 ha.	30.00	11460.30	0.00	11460.30	60.00	22920.60	0.00	22920.60
12	Fire Tracing	2.00	764.02	0.00	764.02	4.00	1528.04	0.00	1528.04
	Grand Total	153.28	58554.49	13541.24	72095.73	306.56	117108.99	27082.48	144191.47
	Contingency 3 %			2162.87	2162.87				4325.74
	Labour Welfare 4 %			2883.83	2883.83				5767.66
	Total	153.28	38505.47	18587.94	57093.41	306.56	77010.94	37175.88	154284.87
								Say Rs.	1,54,285/-

Technically sanctioned & submitted to Administrative sanction for Rs. 1,54,285/- One Lakh fifty four thousand two hundred eighty five only.

Place : Kalwan
T.S.No. 41 Date 19 / 7 / 2016

Range Forest Officer
Kalwan

checked
Administratively sanctioned for Rs. 1,54,285/- One Lakh fifty four Thousand two hundred eighty five only.

Place : Kalwan
A.S.No. / Date / / 2016

COUNTERSIGN

Asst. Conservator of Forests
F.L.C.S. & Campa,
East Nashik Division, Nashik

Assistant Conservator of Forest
(FLCS & CAMPA) East Nashik

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Model Rate Structure for Compensatory Afforestation
Model No.3
Second Year Operation

Name of Range : Kalwan					Spacement		: 3.00 x 3.00 m		
Name of Round : Abhona					Size of pits		: 0.45 x 0.45 x 0.45 m		
Name of Beat : Abhona					No of seedlings		: 1111 per ha.		
Name of Village : Vanjari					Wages rate		420.21		
Comptt No. : 287					Area in Ha.		2.00		
Sr. No.	Particulars of Work	Mandays	Wages	Material Supply	Total (Rs.Per Ha.)	Mandays	Wages	Material Supply	Total (Rs.2.00 Ha.)
1.	2	3	4	5	6	7	8	9	10
1	Part Nursery Cost for seedlings for casualty replacement in TYO (222 seedling per ha)	1.95	819.41	97.67	917.08	3.90	1638.82	195.34	1834.16
2	Transportation of 222 seedlings for casualty replacement from Nursey to plantation site including loading & unloading (0.14 M.D. per 100 seedling & M.S. Rs. 1 per seedling.)	0.31	130.27	222.00	352.27	0.62	260.53	444.00	704.53
3	Planting for casualty replacement of 222 (2.00 M.D. per 100 seedlings	4.44	1865.73	0.00	1865.73	8.88	3731.46	0.00	3731.46
4	Two weeding & soil working with (0.45 M.D. per 100 seedling)	27.77	11669.23	500.00	12169.23	55.54	23338.46	1000.00	24338.46
5	Watch & ward (12 months- 1 watcher per 10 ha.	36.50	15337.67	0.00	15337.67	73.00	30675.33	0.00	30675.33
6	Fire Tracing	2.00	840.42	0.00	840.42	4.00	1680.84	0.00	1680.84
	Grand Total	72.97	30662.72	819.67	31482.39	145.94	61325.45	1639.34	62964.79
	Contingency 3 %			944.47	944.47				1888.94
	Labour Welfare 4 %			1259.30	1259.30				2518.59
	Total	72.97	0.00	3023.44	3023.44	145.94	0.00	6046.88	67372.32
								Says Rs.	67,372/-

Technically sanctioned & submitted to Administrative sanction for Rs.67,372/-
Sixty seven thousand three hundred seventy two only.

Place : Kalwan
T.S.No./12 Date 19 / 7 / 2016

Range Forest Officer
Kalwan

~~Administratively sanctioned~~ ^{checked} for Rs. 67,372/- Sixty seven thousand three hundred seventy two only.

Place : Kalwan
A.S.No. Date / / 2016

COUNTERSIGN

Asst. Conservator of Forests
F.L.C.S. & Campa,
East Nashik Division, Nashik

Assistant Conservator of Forest
(FLCS & CAMPA) East Nashik

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Model Rate Structure for Compensatory Afforestation

Model No.3

Third Year Operation

Name of Range : Kalwan Name of Round : Abhona Name of Beat : Abhona Name of Village : Vanjari Comptt No. : 287						Spacing : 3.00 x 3.00 m Size of pits : 0.45 x 0.45 x 0.45 m No of seedlings : 1111 per ha. Wages rate : 462.23 Area in Ha. : 2.00			
Sr. No.	Particulars of Work	Mandays	Wages	Material Supply	Total (Rs.Per Ha.)	Mandays	Wages	Material Supply	Total (Rs.2.00 Ha.)
1	2	3	4	5	6	7	8	9	10
1	One weeding & soil working (1.50 M.D. per 100 seedling)	16.67	7705.37	0.00	7705.37	33.34	15410.75	0.00	15410.75
2	Watch & ward (12 months-1 watcher per 10 ha.	36.50	16871.40	0.00	16871.40	73.00	33742.79	0.00	33742.79
3	Fire Tracing	2.00	924.46	0.00	924.46	4.00	1848.92	0.00	1848.92
Grand Total		55.17	25501.23	0.00	25501.23	110.34	51002.46	0.00	51002.46
Contingency 3 %				765.04	765.04				1530.07
Labour Welfare 4 %				1020.05	1020.05				2040.10
Total		55.17	13859.26	1785.09	15644.34	110.34	27718.51	3570.17	54572.63
								Say Rs.	54,573/-

Technically sanctioned & submitted to Administrative sanction for Rs. (54,573/-)

Fifty four thousand five hundred seventy three only.

Place : Kalwan

T.S.No. 43 Date 19 / 9 / 2016

Range Forest Officer

Kalwan

~~Administratively sanctioned~~ **checked** for Rs. (54,573/-) Fifty four thousand five hundred seventy three only.

Place : Kalwan

A.S.No. Date / / 2016

COUNTERSIGN

Asst. Conservator of Forests

F.L.C.S & Campa

East Nashik Division, Nashik

Assistant Conservator of Forest
(FLCS & CAMPA) East Nashik

Model Rate Structure for Compensatory Afforestation

Model No.3

Forth Year Operation

Name of Range : Kalwan					Spaciment		: 3.00 x 3.00 m		
Name of Round : Abhona					Size of pits		: 0.45 x 0.45 x 0.45 m		
Name of Beat : Abhona					No of seedlings		: 1111 per ha.		
Name of Village : Vanjari					Wages rate		508.45		
Comptt No. : 287					Area in Ha.		2.00		
Sr. No.	Particulars of Work	Mandays	Wages	Material Supply	Total (Rs.Per Ha.)	Mandays	Wages	Material Supply	Total (Rs.2.00 Ha.)
1	2	3	4	5	6	7	8	9	10
1	Watch & ward (12 months-1 watcher per 10 ha.	36.50	18558.43	0.00	18558.43	73.00	37116.85	0.00	37116.85
2	Fire Tracing	2.00	1016.90	0.00	1016.90	4.00	2033.80	0.00	2033.80
	Grand Total	38.50	19575.33	0.00	19575.33	77.00	39150.65	0.00	39150.65
	Contingency 3 %			587.26	587.26				1174.52
	Labour Welfare 4 %			783.01	783.01				1566.03
	Total	38.50	9671.59	1370.27	11041.86	77.00	19343.17	2740.55	41891.20
								Say Rs.	41,891/-

Technically sanctioned & submitted to Administrative sanction for Rs. 41,891/-
Forty one thousand eight hundred ninety one only.

Place : Kalwan

T.S.No. 44 Date 19 / 9 / 2016

Range Forest Officer
Kalwan

checked
Administratively sanctioned for Rs.41,891/- Forty one thousand eight hundred
ninety one only.

COUNTERSIGN

Place : Kalwan

A.S.No. Date / / 2016

Asst. Conservator of Forests
F.L.C.S & Campa,
East Nashik Division, NashikAssistant Conservator of Forest
(FLCS & CAMP) East Nashik

Model Rate Structure for Compensatory Afforestation

Model No.3

Fifth Year Operation

Name of Range : Kalwan					Spaciment		: 3.00 x 3.00 m		
Name of Round : Abhona					Size of pits		: 0.45 x 0.45 x 0.45 m		
Name of Beat : Abhona					No of seedlings		: 1111 per ha.		
Name of Village : Vanjari					Wages rate		559.30		
Comptt No. : 287					Area in Ha.		2.00		
Sr. No.	Particulars of Work	Mandays	Wages	Material Supply	Total (Rs.Per Ha.)	Mandays	Wages	Material Supply	Total (Rs.2.00 Ha.)
1	2	3	4	5	6	7	8	9	10
1	Watch & ward (12 months-1 watcher per 10 ha.	36.50	20414.45	0.00	20414.45	73.00	40828.90	0.00	40828.90
2	Fire Tracing	2.00	1118.60	0.00	1118.60	4.00	2237.20	0.00	2237.20
	Grand Total	38.50	21533.05	0.00	21533.05	77.00	43066.10	0.00	43066.10
	Contingency 3 %			645.99	645.99				1291.98
	Labour Welfare 4 %			861.32	861.32				1722.64
	Total	38.50	9671.59	1507.31	11178.90	77.00	19343.17	3014.63	46080.73
								Say Rs.	46,081/-

Technically sanctioned & submitted to Administrative sanction for Rs. 46,081/-
Forty six thousand & eighty one only

Place : Kalwan

T.S.No. 45 Date 19 / 9 / 2016

Range Forest Officer
Kalwan

checked
Administratively sanctioned for Rs.46,081/- Forty six thousand & eighty one only.

COUNTERSIGN

Place : Kalwan

A.S.No. Date / / 2016

Asst. Conservator of Forests
F.L.C.S & Campa,
East Nashik Division, NashikAssistant Conservator of Forest
(FLCS & CAMP) East Nashik

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Model Rate Structure for Compensatory Afforestation
Model No.3
Seventh Year Operation

Name of Range : Kalwan Name of Round : Abhona Name of Beat : Abhona Name of Village : Vanjari Comptt No. : 287						Spaciment : 3.00 x 3.00 m Size of pits : 0.45 x 0.45 x 0.45 m No of seedlings : 1111 per ha. Wages rate : 676.75 Area in Ha. : 2.00			
Sr. No.	Particulars of Work	Mandays	Wages	Material Supply	Total (Rs.Per Ha.)	Mandays	Wages	Material Supply	Total (Rs.2.00 Ha.)
1	2	3	4	5	6	7	8	9	10
1	Watch & ward (12 months-1 watchier per 10 ha.	36.50	24701.38	0.00	24701.38	73.00	49402.75	0.00	49402.75
2	Fire Tracing	2.00	1353.50	0.00	1353.50	4.00	2707.00	0.00	2707.00
	Grand Total	38.50	26054.88	0.00	26054.88	77.00	52109.75	0.00	52109.75
	Contingency 3 %			781.65	781.65				1563.29
	Labour Welfare 4 %			1042.20	1042.20				2084.39
	Total	38.50	9671.59	1823.84	11495.43	77.00	19343.17	3647.68	55757.43
								Say Rs.	55,757/-

Technically sanctioned & submitted to Administrative sanction for Rs. 55,757/-
Fifty five thousand seven hundred fifty seven only.

Place : Kalwan
T.S.No. 117 Date 9 / 9 / 2016

Range Forest Officer
Kalwan

checked for
Administratively sanctioned for Rs.55,757/- Fifty five thousand seven hundred fifty seven only.

COUNTERSIGN

Place : Kalwan
A.S.No. Date / / 2016

Assistant Conservator of Forest
(FLCS & CAMPA) East Nashik

Asst. Conservator of Forests
F.L.C.S & Campa,
East Nashik Division, Nashik

Model Rate Structure for Compensatory Afforestation

Model No.3

Sixth Year Operation

Name of Range : Kalwan						Spaciment		: 3.00 x 3.00 m	
Name of Round : Abhona						Size of pits		: 0.45 x 0.45 x 0.45 m	
Name of Beat : Abhona						No of seedlings		: 1111 per ha.	
Name of Village : Vanjari						Wages rate		615.23	
Comptt No. : 287						Area in Ha.		2.00	
Sr. No.	Particulars of Work	Mandays	Wages	Material Supply	Total (Rs.Per Ha.)	Mandays	Wages	Material Supply	Total (Rs.2.00 Ha.)
1	2	3	4	5	6	7	8	9	10
1	Watch & ward (12 months-1 watcher per 10 ha.	36.50	22455.90	0.00	22455.90	73.00	44911.79	0.00	44911.79
2	Fire Tracing	2.00	1230.46	0.00	1230.46	4.00	2460.92	0.00	2460.92
	Grand Total	38.50	23686.36	0.00	23686.36	77.00	47372.71	0.00	47372.71
	Contingency 3 %			710.59	710.59				1421.18
	Labour Welfare 4 %			947.45	947.45				1894.91
	Total	38.50	9671.59	1658.04	11329.63	77.00	19343.17	3316.09	50688.80
								Say Rs.	50,689/-

Technically sanctioned & submitted to Administrative sanction for Rs.50,689/-
Fifty thousand Six hundred eighty nine only.

Place : Kalwan

T.S.No. 46 Date 19 / 09 / 2016

Range Forest Officer
Kalwan

checked
Administratively sanctioned for Rs.50,689/- Fifty thousand six hundred eighty nine only.

COUNTERSIGN

Place : Kalwan

A.S.No. Date / / 2016

Asst. Conservator of Forests
F.L.C.S & Campa,
East Nashik Division, Nashik

Assistant Conservator of Forest
(FLCS & CAMPA) East Nashik

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**Model Rate Structure for Compensatory Afforestation
Model No.3**

ABSTRACT

Name of Range : Kalwan						Spaciment	: 3.00 x 3.00 m	
Name of Round : Abhona						Size of pits	: 0.45 x 0.45 x 0.45 m	
Name of Beat : Abhona						No of seedlings	: 1111 per ha.	
Name of Village : Vanjari						Wages rate	0	
Comptt No. : 287						Area in Ha.	2.00	
Sr. No.	Year of Operation	Mandays	Wages	Material Supply	Total (Rs.Per Ha.)	Other Expenses	Total	Total Amount (Rounded off)
1	2	3	4	5	6	7	8	9
1	Pre Mansoon Work	854.04	296591.01	5383.70	301974.71	21138.23	323112.94	323113
2	First Year Operation	306.56	117108.99	27082.48	144191.47	10093.40	154284.87	154285
3	Second Year Operation	145.94	61325.45	1639.34	62964.79	4407.54	67372.32	67372
4	Third Year Operation	110.34	51002.46	0.00	51002.46	3570.17	54572.63	54573
5	Fourth Year Operation	77.00	39150.65	0.00	39150.65	2740.55	41891.20	41891
6	Fifth Year Operation	77.00	43066.10	0.00	43066.10	3014.63	46080.73	46081
7	Sixth Year Operation	77.00	47372.71	0.00	47372.71	3316.09	50688.80	50689
8	Seventh Year Operation	77.00	52109.75	0.00	52109.75	3647.68	55757.43	55757
Grand Total		1724.88	707727.11	34105.52	741832.63	51928.28	793760.92	793761
							Say Rs.	7,93,761/-

Technically sanctioned & submitted to Administrative sanction for Rs.7,93,761/-
Seven Lakh Ninety three thousand seven hundred sixty one four only.

Place : Kalwan
T.S.No. 48 Date 19 / 09 / 2016

Range Forest Officer
Kalwan

checked
~~Administratively sanctioned~~ for Rs. 7,93,761/- Seven Lakh ninety three thousand
Seven hundred sixty one only.

COUNTERSIGN

Place : Kalwan
A.S.No. Date / / 2016

Asst. Conservator of Forests
F.L.C.S & Campa,
East Nashik Division, Nashik

Assistant Conservator of Forest
(FLCS & CAMPA) East Nashik

Deputy Conservator of Forest
East Nashik

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Model Rate Structure for Compensatory Afforestation
Model No.3
Pre Monsoon Works PPO/PYO

Name of Range : Kalwan Name of Round : Abhona Name of Beat : Abhona Name of Village : Vanjari Comptt No. : 287						Spaciment Size of pits No of seedlings Wages rate Area in Ha.		: 3.00 x 3.00 m : 0.45 x 0.45 x 0.45 m : 1111 per ha. 347.28 2.00	
Sr. No.	Particulars of Work	Mandays	Wages	Material Supply	Total (Rs.Per Ha.)	Mandays	Wages	Material Supply	Total (Rs.2.00 Ha.)
1	2	3	4	5	6	7	8	9	10
1	A. Survey & Demarcation	1.00	347.28	50.00	397.28	2.00	694.56	100.00	794.56
	B. Preparation of Treatment map (100 m X 50 M grid)	1.00	347.28	50.00	397.28	2.00	694.56	100.00	794.56
	C. Cleaning of bushes and preparaion of site (As per requirment)	10.00	3472.80	50.00	3522.80	20.00	6945.60	100.00	7045.60
2	Soil & Moisture Conservation works including collection of rubbles from areas upto 30 m etc.	31.00	10765.68	0.00	10765.68	62.00	21531.36	0.00	21531.36
3	Alignment of 1200 rmt of CCT at 8.00 m. spaciment (0.25 M.D. per 100 rmt. & M & S Rs.40/- per 100 rmt.	3.00	1041.84	96.00	1137.84	6.00	2083.68	192.00	2275.68
4	Digging of CCT of size 60cm widthand 45 cm depth including stacking of soil at down word slope (1200 rmt. Per ha. 0.15 per rmt.	183.60	63760.61	0.00	63760.61	367.20	127521.22	0.00	127521.22
5	size 1.90 x0.60 x 1.00 m along the periphery of plantation area including spreading/ stacking the excavated soil as directed in 1 m width and 1 m heighth. Length 102 Rmt.per ha.(127.50 Cum.per ha.)	82.57	28674.91	50.00	28724.91	165.14	57349.82	100.00	57449.82
6	Alignment of pits at 3.00 x 3.00 m. spaciment 1111 pits per ha. (0.13 M.D.& M & S Rs.2.24 per 50 pits.	2.89	1003.64	49.77	1053.41	5.78	2007.28	99.54	2106.82
7	Digging of pits of 0.45 x 0.45 x0.45 m size 1111 pits per ha. (6.60 M.D. per 100 pits.	73.33	25466.04	0.00	25466.04	146.66	50932.08	0.00	50932.08
8	Part Nursery Cost for raising 1333 seedling per ha.(including 20 % casualty replacement) in polybag of size 12.50 x 25.00 cm (wages Rs.8.80 & M & S Rs.1.76 per plant)	38.63	13415.43	2346.08	15761.51	77.26	26830.85	4692.16	31523.01
	Total	427.02	148295.51	2691.85	150987.36	854.04	296591.01	5383.70	301974.71
	Contingency 3 %			4529.62	4529.62			9059.24	9059.24
	Labour Welfare 4 %			6039.49	6039.49			12079	12078.99
	Grand Total				161556.47				323112.94
									3,23,113/-

Technically sanctioned & submitted to Administrative sanctuon for Rs.3,23,113/-
Three Lakh Twenty three thousand One hundred thirteen only.

Place : Kalwan
T.S.No. 40 Date 19/9 /2016

Range Forest Officer
Kalwan

Administratively sanctuoned for Rs.3,23,113/- Three Lakh Twenty three
thousand one hundred thirteen only.

COUNTERSIGN

Place :
A.S.No. 103 Date 15/10 /2016

Assistant Conservator of Forest
(F.I.C.S. & CAMP) East Nashik

Asst. Conservator of Forests
F.I.C.S. & Campa,
East Nashik Division, Nashik