

Abstract for Model No 5

Area- 11.50 ha

Sr No	Year of Operation	Man days	Wages	Material Supply	Total	Amount in Rs	
						other expenses	Total amount
1	Pre Monsoon Work	2018.81	749279.48	1774662.66	2523942.14	176675.95	2700618.09
2	First Year Operations	2212.61	821208.35	128864.75	950073.10	66505.11	1016578.21
3	Second Year Operations	1759.39	652997.60	79052.28	732049.88	51243.49	783293.37
4	Third Year Operations	1061.23	393873.66	36817.48	430691.14	30148.38	460839.52
5	Fourth Year Operations	358.00	132871.70	52.25	132923.95	3987.72	136911.67
6	Fifth Year Operations	358.00	132871.70	52.25	132923.95	3987.72	136911.67
7	Sixth Year Operations	358.00	132871.70	52.25	132923.95	3987.72	136911.67
8	Seventh Year Operations	358.00	132871.70	52.25	132923.95	3987.72	136911.67
9	Eighth Year Operations	358.00	132871.70	52.25	132923.95	3987.72	136911.67
10	Ninth Year Operations	358.00	132871.70	52.25	132923.95	3987.72	136911.67
11	Tenth Year Operations	358.00	132871.70	52.25	132923.95	3987.72	136911.67
Total		9558.04	3547460.99	2019762.92	5567223.91	352486.97	5919710.88


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Model Rate Structure for Compensatory Afforestation
Model No 5

Fencing and Irrigated Plantations

Model rate structure for plantation of mixed tree species having rainfall less than 800 mm and medium quality, medium drained soil
Compt No- C148 Village Bhildongar Beat- Bhildongar & Giroli Round Area 11.50 Ha
Spacing 3m X 3m No of Seedlings 1111 per Ha
Size of pits 0.45 X 0.45 X 0.45 m Wage rate Rs 371.15

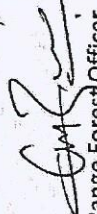
Sr. No	Particulars of Work	Man Days	Wages	Material Supply	Total (Rs. Per Ha.)	Sanction Letter Dt/ModelNo/Item No
A. Pre Monsoon Works (PPO/PYO)						
1	(a) Survey and demarcation	11.50	4268.225	190.19	4458.415	Irrigated & fencing Plantation Model No 1 item no 1a
	(b) Preparation of Treatment Map (100m X 50 m grid)	11.50	4268.23	190.19	4458.42	item no 1b
	(c) Digging Trial Pits of size 0.30 X 0.30 X 0.60 in corner of grid	4.60	1707.29	0.00	1707.29	item no 1c
	(d) Fixing 60cm X 5cm X 12cm cement pillars upto 30cm deep in corner of grid, painting with Grid No etc complete. (3 Pillars Rs 75 per pillar)	0.00	0.00	470.25	470.25	item no 1d
	(e) clearing bushes and preparation of site (as per requirement)	115.00	42682.25	190.19	42872.44	item no 1e
2	Soil and moisture conservation works including collection of rubbles from areas upto 30 m etc	356.50	132314.98	0.00	132314.98	item no 2
3	Providing and fixing Chain link fencing, 102 RMT per ha (With one gate+ Two wicket gates for one site) (Rs.1494/ RMT of basic rate (by tender process) (1.60 Rmt height with GI Chain Link Size 50mm x50m, 8 guage thick and fixed 75 mm above ground level complete as per SSR item No 1744 for 2017-18)	0.00	0.00	1752462.00	1752462.00	As per SSR rates 2017-18 Item No 1744

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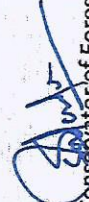
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4	Alignment of pits at 3m X 3m spacement. 1111 pits pe Ha (0.25 per 100 pits and MS@ Rs. 2.24 per 50 pits	31.97	11865.666	572.38	12438.0455	Item No 4
5	Digging of pits of size 0.45 X 0.45 X 0.45m (1111 pits per ha) 6.60 MD per 100 pits. Note- As per local conditions provision for mechanized digging can be made	843.25	312972.24	0	312972.238	Item No 5
6	Construction of 5.00 Rmt wide Inspection Path 1 M.D. per 100 Rmt	11.5	4268.225	0	4268.225	Item No 6
7	Enumeration of all valuable plant species at plantation site and grid wise counting and providing color band and recording th same in register (0.75 MD) per 100 plants	95.82	35563.593	52.25	35615.843	Item No 7
8	Providing and fixing (4ft x 3 feet) information board each per site	0	0	10450	10450	Item No 8
9	Part Nurersury cost of raising 1333 seedlings per ha (including 20% casualty replacement) in polygons of size 12.50 x 25.00 cm (wages RS. 11.90 and MS Rs. 3.62 per plant)	537.165	199368.79	10085.21	209454	Item No 9, 20 % Casualty replacement in lace of 10 %
	Total	2018.81	749279.48	1774662.66	2523942.14	
	Contingency 3%		0	0	75718.2641	
	Laour Welfare 4 %		0	0	100957.685	
	Grand Total				2700618.09	


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Sr. No	Particulars of Work	Man Days	Wages	Material Supply	Total (Rs. Per Ha.)	Sanction Letter Dt/ModelNo./Item No
A. First Year Operations						
1	Part nursery cost for maintenance of 1333 seedling per ha Rs 13.77 per seedling (wage rs 2.69, MS Rs. 0.81)	170.20	63169.73	2256.64	65426.37	Letter Dt. 07/03/2018 Irrigated & fencing Plantation Model No 1
2	Refilling of pits by good quality soil including application of 2 single super phosphate (1.66 MD per 100 pits)	212.06	78706.07	4247.68	82953.75	
3	Transportation of 1333 seedlings from nursery to plantation site including loading and unloading (0.14 MD per 100 seedlings & M.S Rs. 1.82 per seedling)	21.51	7981.58	5070.34	13051.92	
4	Planting of 1111 seedlings (1MD per 100 plants)	127.77	47419.98	0.00	47419.98	
5	3 weedings (1RMT circular) and 2 soil workings (4.00 M.D. per 100 seedlings) fertilizer application RS.0.82 per seedling	511.06	189679.92	1904.03	191583.95	
6	Watering 1111 seedlings November and december one time each, january to march 2 times per each pr seedlings 5 lit water, Purchase of 1111 plastic can of 5 lit/ Matka @ Rs. 25/ each and 100 lit capacity 11 drum @ Rs 400 each for supplying water and water suply @RS 0.05 per Lit and wages for watering 1MD for 150 seedlings	681.38	252892.33	113685.55	366577.88	
7	Casualty replacement 20% (222 seedlings per hectare) (2MD per 100 seedlings)	51.06	18950.92	0.00	18950.92	
8	Part nursery cost for casualty replacement in SYO (222 seedlings per ha) (wages Rs. 11.90 and MS Rs. 3.62, total Rs 12.55 pr ssedlings	89.36	33164.11	1679.61	34843.72	
9	Watch and ward (12 months, 1 Watch per hectare)	312.00	115798.80	0.00	115798.80	
10	Soil working for naturally grown plants and singling (1.15 MD per 100 plants)	13.23	4908.46	20.90	4929.36	
11	Fire tracing	23.00	8536.45	0.00	8536.45	Item no 12
	Total		821208.35	128864.75	950073.10	
	Contingency 3%			0	28502.19	
	Laour Welfare 4 %		0	0	38002.92	
	Grand Total	2212.61			1016578.21	

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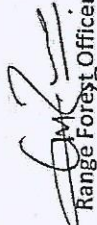
Sr. No	Particulars of Work	Man Days	Wages	Material Supply	Total (Rs. Per Ha.)	Sanction Letter Dt/ModelNo/Item No
A. Second Year Operations						
1	Part nursery cost for casualty replacement (222 seedling per ha) labor rate @ Rs 3.77 MS Rs. 1.82 per seedling	28.29	10499.83	844.36	11344.19	Letter Dt. 07/03/2018 Irrigated & fencing Plantation Model No 1
2	Transportation of 222 seedlings for casualty replacement from nursery to plantation site including loading and unloading (0.14 MD per 100 seedlings & M.S Rs. 1.82 per seedling)	3.57	1323.15	844.44	2167.59	
3	Planting for casualty replacement 222 seedlings (2MD per 100 plants)	51.06	18950.92	0.00	18950.92	
4	2 weedings and 1 soil working with fertilizer application 2.5 MD per 100 seedlings at MS Rs 0.82 per seedlings	319.36	118528.61	1904.03	120432.64	
5	Watering 1111 seedlings November, december, January and June one time each, February to May 2 times per each total 12 times 5 lit water per seedling, replacing 10 % plastic cans/ matka @Rs25 each replacing 111 cans matka, supplying water @Rs. 0.50/ lit and watering 150 seedlings watr @Rs 0.50 per litre and watering 150 seedlings per MD	1022.12	379359.84	75459.45	454819.29	
6	Watch and ward (12 months, 1 Watch per 10 hectare)	312.00	115798.80	0.00	115798.80	
7	Fire tracing	23.00	8536.45	0.00	8536.45	
	Total	1759.39	652997.60	79052.28	732049.88	
	Contingency 3%			0	21961.50	
	Laour Welfare 4 %		0	0	29282.00	
	Grand Total	1759.39	652997.60	79052.28	783293.37	


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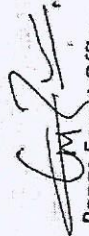
Sr. No	Particulars of Work	Man Days	Wages	Material Supply	Total (Rs. Per Ha.)	Sanction Letter Dt/ModelNo/Item No
A. Third Year Operations						
1	1 weeding and 1 soil working (1.50 M.D. per 100 seedlings) applying fertilizer Rs 0.82 per plant	191.71	71151.31	1904.03	73055.34	Letter Dt. 07/03/2018 Irrigated & fencing Plantation Model No 1
2	Watering 556 seedlings November, december, January and June one time each, February to May 2 times per each total 12 times 5 lit water per seedling, supplying water @Rs. 0.50/ lit and 2 watering 150 seedlings per MD	511.52	189850.65	34861.20	224711.85	item no 2
3	Watch and ward (12 months, 1 Watch per 10 hectare)	312.00	115798.80	0.00	115798.80	Item no 3
4	Counting survival percent grid wise and species wise note the same in may and october	23.00	8536.45	52.25	8588.70	Item no 4
5	Fire tracing	23.00	8536.45	0.00	8536.45	Item no 5
	Total	1061.23	393873.66	36817.48	430691.14	
	Contingency 3%			0	12920.73416	
	Laour Welfare 4 %		0	0	17227.64555	
	Grand Total	1061.23	393873.66	36817.48	460839.52	


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E. Fourth Year Operations						
1	Watch and ward (12 months, 1 Watch per 10 hectare)	312.00	115798.80	0.00	115798.80	Letter Dt: 07/03/2018 Irrigated & fencing Plantation Model No 1 item 1
2	Counting survival percent grid wise and species wise note the same in may and october	23.00	8536.45	52.25	8588.70	item no 2
3	Fire tracing	23.00	8536.45	0.00	8536.45	Item no 3
	Total		132871.70	52.25	132923.95	
	Contingency 3%		0.00	0.00	3987.72	
	Laour Welfare 4 %	358.00	0.00	0.00	5316.96	
	Grand Total	358.00	132871.70	52.25	136911.67	


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F. Fifth Year Operations						
1	Watch and ward (12 months, 1 Watch per 10 hectare)	312.00	115798.80	0.00	115798.80	Letter Dt. 07/03/2018 Irrigated & fencing Plantation Model No 1 item 1 item no 2 Item no 3
2	Counting survival percent grid wise and species wise note the	23.00	8536.45	52.25	8588.70	
3	Fire tracing	23.00	8536.45	0.00	8536.45	
	Total		132871.70	52.25	132923.95	
	Contingency 3%		0.00	0.00	3987.72	
	Laour Welfare 4 %	358.00	0.00	0.00	5316.96	
	Grand Total	358.00	132871.70	52.25	136911.67	


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G. Sixth Year Operations						
1	Watch and ward (12 months, 1 Watch per 10 hectare)	312.00	115798.80	0.00	115798.80	Letter Dt. 07/03/2018 Irrigated & fencing Plantation Model No 1 item 1 item no 2 Item no 3
2	Counting survival percent grid wise and species wise note the	23.00	8536.45	52.25	8588.70	
3	Fire tracing	23.00	8536.45	0.00	8536.45	
	Total		132871.70	52.25	132923.95	
	Contingency 3%		0.00	0.00	3987.72	
	Laour Welfare 4 %	358.00	0.00	0.00	5316.96	
	Grand Total	358.00	132871.70	52.25	136911.67	


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H. Seventh Year Operations						
1	Watch and ward (12 months, 1 Watch per 10 hectare)	312.00	115798.80	0.00	115798.80	Letter Dt. 07/03/2018 Irrigated & fencing Plantation Model No 1 item 1
2	Counting survival percent grid wise and species wise note the	23.00	8536.45	52.25	8588.70	item no 2
3	Fire tracing	23.00	8536.45	0.00	8536.45	Item no 3
	Total		132871.70	52.25	132923.95	
	Contingency 3%		0.00	0.00	3987.72	
	Laour Welfare 4 %	358.00	0.00	0.00	5316.96	
	Grand Total	358.00	132871.70	52.25	136911.67	


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I. Eighth Year Operations						
1	Watch and ward (12 months, 1 Watch per 10 hectare)	312.00	115798.80	0.00	115798.80	Letter Dt. 07/03/2018 Irrigated & fencing Plantation Model No 1 item 1
2	Counting survival percent grid wise and species wise note the	23.00	8536.45	52.25	8588.70	item no 2
3	Fire tracing	23.00	8536.45	0.00	8536.45	Item no 3
	Total		132871.70	52.25	132923.95	
	Contingency 3%		0.00	0.00	3987.72	
	Laour Welfare 4 %	358.00	0.00	0.00	5316.96	
	Grand Total	358.00	132871.70	52.25	136911.67	


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J. Ninth Year Operations						
1	Watch and ward (12 months, 1 Watch per 10 hectare)	312.00	115798.80	0.00	115798.80	Letter Dt. 07/03/2018 Irrigated & fencing Plantation Model No 1 item 1
2	Counting survival percent grid wise and species wise note the	23.00	8536.45	52.25	8588.70	
3	Fire tracing	23.00	8536.45	0.00	8536.45	
	Total		132871.70	52.25	132923.95	
	Contingency 3%		0.00	0.00	3987.72	
	Laour Welfare 4 %	358.00	0.00	0.00	5316.96	
	Grand Total	358.00	132871.70	52.25	136911.67	


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K. Tenth Year Operations						
1	Watch and ward (12 months, 1 Watch per 10 hectare)	312.00	115798.80	0.00	115798.80	Letter Dt. 07/03/2018 Irrigated & fencing Plantation Model No 1 item 1
2	Counting survival percent grid wise and species wise note the	23.00	8536.45	52.25	8588.70	
3	Fire tracing	23.00	8536.45	0.00	8536.45	
	Total		132871.70	52.25	132923.95	
	Contingency 3%		0.00	0.00	3987.72	
	Laour Welfare 4 %	358.00	0.00	0.00	5316.96	
	Grand Total	358.00	132871.70	52.25	136911.67	


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