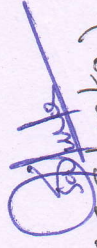


Abstract for Model No.5

Compt.No. C-111 Village Karanja Beat-Karanja Range & Round -Karanja Area in 1.5 ha.

Sr.No.	Year of operation	Man days	Wages	Material Supply	Total	Other expenses	Total amount
1	Pre Monsoon Work	167.97	85661.06	477361.66	563022.72	39411.59	602434.31
2	First Year Operations	192.65	83609.30	152077.01	235686.31	16498.04	252184.35
3	Second Year Operations	162.36	82708.64	93425.43	176134.07	12329.38	188463.45
4	Third Year Operations	101.65	51782.04	43511.57	95293.61	6670.55	101964.16
5	Fourth Year Operations	40.50	20631.32	61.75	20693.07	1448.51	22141.58
6	Fifth Year Operations	40.50	20631.32	61.75	20693.07	1448.51	22141.58
7	Sixth Year Operations	40.50	20631.32	61.75	20693.07	1448.51	22141.58
8	Seventh Year Operations	40.50	20631.32	61.75	20693.07	1448.51	22141.58
9	Eighth Year Operations	40.50	20631.32	61.75	20693.07	1448.51	22141.58
10	Ninth Year Operations	40.50	20631.32	61.75	20693.07	1448.51	22141.58
11	Tenth Year Operations	40.50	20631.32	61.75	20693.07	1448.51	22141.58
Total		908.13	448180.28	766807.92	1214988.20	85049.13	1300037.33


 (S.S. Solanke)
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 Washim Division Washim

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. C-111 Village Karanja Beat- Karanja Range & Round -Karanja Area 1.5 ha.

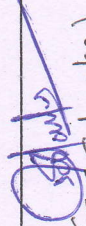
Spacing -3m x 3m
Size of Pits -0.45 x 0.45 x 0.45 m
No.of seedlings - 1111 per ha.

**Wage Rate -
Rs.371.15 Per day.**

(Amount in Rs)

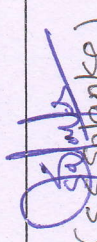
Sr.No.	Particulars of works	Man days	Weges	Material Supply	Total (Rs. Per Ha.)	Sanction Letter Dt. / Model No./ Item No.
A. Per Monsoon Works PPO/PYO						
1	(a) Survey and demarcation	1.00	556.73	224.77	781.50	Letter Dt. 7/03/2018 Irrigated & fencing Plantation Model No. 1 Item No 1a
	(b) Preparation of treatment map (100 m x 50 m grid)	1.00	556.73	224.77	781.50	Item No. 1b
	(c) Digging trial pits of size 0.30 x 0.30 x 0.60 in corner of Grid.	0.40	203.76	0.00	203.76	Item No. 1c
	(d) Fixing 60cm x 0.05cm x 12cm cement pillars upto 30cm deep in corner of Grid, painting with Grid No. etc complete (3 pillars, Rs.75/- for each pillars)	0.00	0.00	555.75	555.75	Item No. 1d
	(e) Clearing of bushes and preparation of site (As per requirement)	10.00	5094.15	224.77	5318.92	Item No. 1e
2	Soil and moisture conservation works including collection of rubbles from areas upto 30 m etc.	31.00	15791.87	0.00	15791.87	Item No. 2
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 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 thick and fixed 75 mm above ground level complete as per SSR item No.1744 for 2017-18)	0.00	0.00	451678.03	451678.03	As per SSR rates 201718 Item No. 1744

4	Alignment of pits at 3m x 3m spacement. 1111 pits per Ha (0.25 per 100 pits and M&S @ Rs.2.24 per 50 pits.	2.78	1416.18	122.93	1539.11	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	37355.40	0.00	37355.40	Item No. 5
6	Construction of 5.00 Rmt wide Inspection Path 1 M.D. per 100 Rmt.	1.00	509.42	0.00	509.42	Item No. 6
7	Enumeration of all valuable plant species at plantation site and gird wise counting and providing color band and recording the same in Register (0.75 M.D.) Per 100 plants.	0.75	382.07	61.75	443.82	Item No. 7
8	Providing and fixing (4 feet x 3 feet) information board each per site.	0.00	0.00	12350.00	12350.00	Item No. 8
9	Part Nursery 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 M & S Rs.3.62 per plant)	46.71	23794.77	11918.89	35713.66	Item No. 920% Casualty replacement in place of 10 %
	Total	167.97	85661.06	477361.66	563022.72	
	Contingency 3%		0.00	0.00	16890.68	
	Labour Welfare 4%		0.00	0.00	22520.91	
	Grand Total	167.97	85661.06	477361.66	602434.31	


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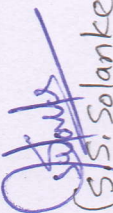
B. First Year Operations

Sr.No.	Particulars of works	Man days	Weges	Material Supply	Total (Rs. Per Ha.)	Sanction Letter Dt. / Model No./ Item No.
1	Part Nursert cost for maintenance of 1333 seedling per ha Rs. 3.77 per seedling (Wages Rs. 2.69, M & S Rs.0.81)	14.80	7593.35	2666.93	10260.28	Letter 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	7594.85	4802.30	12397.14	
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	7596.35	5992.22	13588.57	
4	Planting of 1111 seedlings (1.0 M.D. per 100 seedlings)	11.11	7597.85	0.00	7597.85	
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	7599.35	2250.22	9849.56	
6	Watering 1111 seedlings November and December 1 time each, January to March 2 times each per seedlings 5 liter water, purchase of 1111 plastic can of 5 litre/ matka @Rs.25/- each and 100 litre capacity 11 drums @Rs.400/- each for supplying water and water supply at @Rs.0.05 per litre and wages for watering 1 M.D. for 150 seedlings.	59.25	7600.85	134355.65	141956.50	
7	Casualty replacement (20% 222 Seedlings per ha.) (2 M.D. per 100 seedlings)	4.44	7602.35	0.00	7602.35	
8	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	7603.85	1984.99	9588.84	
9	Watch and ward (10 months - 1 watcher per 10 ha)	27.38	7605.35	0.00	7605.35	
10	Soil working for naturally grower plants and singling (1.15 M.D. per 100 plants)	1.15	7606.85	24.70	7631.55	
11	Fire tracing	2.00	7608.35	0.00	7608.35	Item No.12
	Total	192.65	83609.30	152077.01	235686.31	
	Contingency 3%		0.00	0.00	7070.59	
	Labour Welfare 4%		0.00	0.00	9427.45	
	Grand Total	192.65	83609.30	152077.01	252184.35	

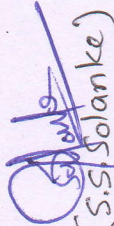

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 Washim Division Washim

C. Second Year Operations

Sr.No.	Particulars of works	Man days	Weges	Material Supply	Total (Rs. Per Ha.)	Sanction Letter Dt. / Model No./ Item No.
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	1253.16	997.88	2251.04	Letter Dt. 07/03/2018 Irrigated & fencing Plantation Model No. 1 Item No 1 casualty replacement 20%
2	Transportation of 222 seedlings for causality replacement form 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	157.92	997.98	1155.90	Item No. 2 20 % instead of 10 %
3	Plantiong for casualty replacement 222 seedlings (2.00 M.D. per 100 seedlings)	4.44	2261.81	0.00	2261.81	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	14146.46	2250.22	16396.67	Item No. 4
5	Watering 1111 seedlings November, December, January and June 1 times each and in Febuary to May 2 times each total 12 times 5 litre per seedlings, replacing 10% plastic can / matka @Rs.25/- each replacing 111 cans / matka, supplying water @Rs.0.50/- per litre and watering 150 seedling water @Rs.0.50/- per litre and watering 150 seedlings per M.D.	88.88	45276.81	89179.35	134456.16	Item No. 5
6	Watch and ward 12 months - 1 watcher per 10.00 ha)	36.50	18593.66	0.00	18593.66	Item No. 6
7	Fire tracing	2.00	1018.83	0.00	1018.83	Item No. 8
	Total	162.36	82708.64	93425.43	176134.06	
	Contingency 3%		0.00	0.00	5284.02	
	Labour Welfare 4%		0.00	0.00	7045.36	
	Grand Total	162.36	82708.64	93425.43	188463.45	

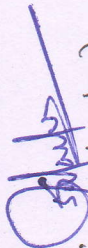

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 Washim Division Washim

D. Third Year Operations						
Sr.No.	Particulars of works	Man days	Weges	Material Supply	Total (Rs. Per Ha.)	Sanction Letter Dt. / Model No./ Item No.
1	1 Weeding and 1 soil working (1.50 M.D. per 100 seedlings) applying fertilizer @ Rs.0.82 per plant.	16.67	8491.95	2250.22	10742.17	Letter Dt. 07/03/2018 Irrigated & fencing Plantation Model No. 1
2	Watering 556 seedlings in November, December, January and June 1 time each and February to May 2 times each total 12 times per seedlings 5 litre, water supply @Rs.0.50/- litre and watering 150 seedlings per M.D.	44.48	22658.78	41199.60	63858.38	Item No. 2
3	Watch and ward 12 months - 1 watcher per 10.00 ha)	36.50	18593.66	0.00	18593.66	Item No. 3
4	Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October.	2.00	1018.83	61.75	1080.58	Item No. 5
5	Fire tracing	2.00	1018.83	0.00	1018.83	Item No.6
	Total	101.65	51782.04	43511.57	95293.61	
	Contingency 3%		0.00	0.00	2858.81	
	Labour Welfare 4%		0.00	0.00	3811.74	
	Grand Total	101.65	51782.04	43511.57	101964.16	


 (S.S. Solanke)
 Dy. Conservator of Forest
 Washim Division Washim

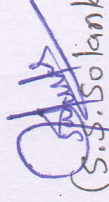
E. Fourth Year Operations

Sr.No.	Particulars of works	Man days	Weges	Material Supply	Total (Rs. Per Ha.)	Sanction Letter Dt. / Model No./ Item No.
1	Watch and ward 12 months - 1 watcher per 10.00 ha)	36.50	18593.66	0.00	18593.66	Letter 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	1018.83	61.75	1080.58	Item No. 2
3	Fire tracing	2.00	1018.83	0.00	1018.83	Item No. 3
	Total	40.50	20631.32	61.75	20693.07	
	Contingency 3%		0.00	0.00	620.79	
	Labour Welfare 4%		0.00	0.00	827.72	
	Grand Total	40.50	20631.32	61.75	22141.58	


 (S.S. Solanke)
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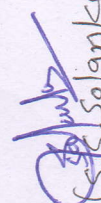
F. Fifth Year Operations

Sr.No.	Particulars of works	Man days	Weges	Material Supply	Total (Rs. Per Ha.)	Sanction Letter Dt. / Model No./ Item No.
1	Watch and ward 12 months - 1 watcher per 10.00 ha)	36.50	18593.66	0.00	18593.66	Letter 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	1018.83	61.75	1080.58	Item No. 2
3	Fire tracing	2.00	1018.83	0.00	1018.83	Item No. 3
	Total	40.50	20631.32	61.75	20693.07	
	Contingency 3%		0.00	0.00	620.79	
	Labour Welfare 4%		0.00	0.00	827.72	
	Grand Total	40.50	20631.32	61.75	22141.58	


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Washim Division Washim

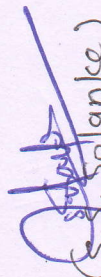
G. Sixth Year Operations

Sr.No.	Particulars of works	Man days	Weges	Material Supply	Total (Rs. Per Ha.)	Sanction Letter Dt. / Model No./ Item No.
1	Watch and ward 12 months - 1 watcher per 10.00 ha)	36.50	18593.66	0.00	18593.66	Letter 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	1018.83	61.75	1080.58	Item No. 2
3	Fire tracing	2.00	1018.83	0.00	1018.83	Item No. 3
	Total	40.50	20631.32	61.75	20693.07	
	Contingency 3%		0.00	0.00	620.79	
	Labour Welfare 4%		0.00	0.00	827.72	
	Grand Total	40.50	20631.32	61.75	22141.58	


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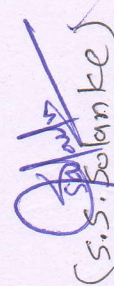
H. Seventh Year Operations

Sr.No.	Particulars of works	Man days	Weges	Material Supply	Total (Rs. Per Ha.)	Sanction Letter Dt. / Model No./ Item No.
1	Watch and ward 12 months - 1 watcher per 10.00 ha)	36.50	18593.66	0.00	18593.66	Letter 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	1018.83	61.75	1080.58	Item No. 2
3	Fire tracing	2.00	1018.83	0.00	1018.83	Item No. 3
	Total	40.50	20631.32	61.75	20693.07	
	Contingency 3%		0.00	0.00	620.79	
	Labour Welfare 4%		0.00	0.00	827.72	
	Grand Total	40.50	20631.32	61.75	22141.58	


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I. Eighth Year Operations

Sr.No.	Particulars of works	Man days	Weges	Material Supply	Total (Rs. Per Ha.)	Sanction Letter Dt. / Model No./ Item No.
1	Watch and ward 12 months - 1 watcher per 10.00 ha)	36.50	18593.66	0.00	18593.66	Letter 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	1018.83	61.75	1080.58	Item No. 2
3	Fire tracing	2.00	1018.83	0.00	1018.83	Item No. 3
	Total	40.50	20631.32	61.75	20693.07	
	Contingency 3%		0.00	0.00	620.79	
	Labour Welfare 4%		0.00	0.00	827.72	
	Grand Total	40.50	20631.32	61.75	22141.58	


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