

**Cost Statement of Plantation of Small (Polypot) Plants under State Schemes during the Year 2022-23 at
Wage Rate of Rs. 388.42/- per day**


No. of plants per Ha. = 1100, spacing = 3m x 3m

Sr. No.	Item of work	Unit	Qty.	Rate/ Unit (Rs.)	Amount (Rs.)
1st year Plantation					
1	Jungle clearance	Ha.	0.5	5826.30	2913.15
2	Dag bailing and alignment	RKM	3.3	271.90	897.27
3	Earthwork digging of pits 1100 x 0.45m x 0.45m x 0.45m	M ³	100	135.93	13593.00
4	Loading and unloading of plants in Tractor/Cart.	No.	1210	0.43	520.30
5	Carriage of plants	No.	1210	2.43	2940.30
6	Plantating of plants including 10% replacement.	No.	1210	5.84	7066.40
7	Application of fertilizer (One time DAP + One time Urea)	No.	2200	0.77	1694.00
8	Irrigation five times (upto 10 Km)	No.	5500	5.84	32120.00
9	Purchase of water for irrigation (4000 litre in one tank)				3500.00
10	First weeding and hoeing	No.	1100	5.84	6424.00
11	Subsequent weeding and hoeing two times	No.	2200	3.88	8536.00
12	Miscellaneous expenditure (Purchase of fertilizer, tools etc.)	LS			1000.00
13	Cost of wages of protection watcher (one protection watcher for six months for plantation area of 10 ha)	LS			6991.00
	Total				88195.42
14	Raising of plants in Nry. (15cm x 22cm) 1100 + 20% extra	No.	1320	12.83	16935.60
	G.Total				105131.02
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				8541.90
	Added Contractor profit @ 7% of total				7359.17
	Net Total				121032.09
2nd Year Maintenance					
1	Clearing of weeds/ bushes in strips between plantation row.	Ha.	0.5	1829.53	914.77
2	Re-opening of pits 220 x .45cm x .45cm x .45cm	M ³	20	77.69	1553.80
3	Loading and unloading of plants	Nos.	220	0.43	94.60
4	Carriage of plants	Nos.	220	2.43	534.60
5	Planting of plants	Nos.	220	5.84	1284.80
6	Irrigation two times	Nos.	2200	5.84	12848.00
7	Purchase of water for irrigation per tank (4000 litre)				1500.00
8	Weeding & hoeing once	Nos.	1100	3.88	4268.00
9	Miscellaneous expenditure	LS			800.00
10	Cost of wages of protection watcher (one protection watcher for six months for plantation area of 10 ha)	LS			6991.00
	Total				30789.57
11	Raising of plants in nursery	No.	264	12.83	3387.12
	G.Total				34176.69
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				2776.86
	Added Contractor profit @ 7% of total				2392.37
	Net Total				39345.91
3rd Year Maintenance					
1	Clearing of weeds/ bushes in strips between plantation row.	Ha.	0.5	1829.53	914.77
2	Re-opening of pits 110 x .45cm x .45cm x .45cm	M ³	10	77.69	776.90
3	Loading and unloading of plants	No.	110	0.43	47.30
4	Carriage of plants	No.	110	2.43	267.30
5	Planting of plants	No.	110	5.84	642.40
6	Irrigation once	No.	1100	5.84	6424.00
7	Purchase of water for irrigation per tank (4000 litre)	LS			500.00
8	Weeding & hoeing once	No.	1100	3.88	4268.00
9	Miscellaneous expenditure	LS			200.00
10	Cost of wages of protection watcher (one protection watcher for three months for plantation area of 10 ha)	LS			3495.00
	Total				17535.67
11	Raising of plants in nursery	No.	132	12.83	1693.56
	G.Total				19229.23
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				1562.37
	Added Contractor profit @ 7% of total				1340.05
	Net Total				22137.65

4th Year Maintenance				
1	Clearing of weeds/ bushes in strips between plantation row.	Ha.	0.5	1829.53
2	Cleaning, pruning and spacing	LS		4500.00
Total				5414.77
	Added EPF @ 13%			
	Added ESI @ 3.25%			
	of wages component 50% of total			439.95
	Added Contractor profit @ 7% of total			379.03
	Net Total			6233.75
5th Year Maintenance				
1	Clearing of weeds/ bushes in strips between plantation row.	Ha.	0.5	1829.53
2	Cleaning, pruning and spacing	LS		4500.00
Total				5414.77
	Added EPF @ 13%			
	Added ESI @ 3.25%			
	of wages component 50% of total			439.95
	Added Contractor profit @ 7% of total			379.03
	Net Total			6233.75
6th Year Maintenance				
1	Clearing of weeds/ bushes in strips between plantation row.	Ha.	0.5	1829.53
2	Cleaning, pruning and spacing	LS		4500.00
Total				5414.77
	Added EPF @ 13%			
	Added ESI @ 3.25%			
	of wages component 50% of total			439.95
	Added Contractor profit @ 7% of total			379.03
	Net Total			6233.75

ABSTRACT OF COST NORMS			
YEAR OF PLANTATION	Cost (in Rs.)	Cost per plant	
FIRST YEAR PLANTATION	121032.09	110.03	
SECOND YEAR MAINTENANCE	39345.91	35.77	
THIRD YEAR MAINTENANCE	22137.65	20.13	
FOURTH YEAR MAINTENANCE	6233.75	5.67	
FIFTH YEAR MAINTENANCE	6233.75	5.67	
SIXTH YEAR MAINTENANCE	6233.75	5.67	
TOTAL	201216.89	182.92	


Note: Maintenance of Plantation for a period of 3 years under State Scheme.


Principal Chief Conservator of Forests (HofF)
Haryana, Panchkula.

Cost Statement of Plantation of Native species by planting 500 Tall Plants per Ha. under State Schemes/ NPV during the Year 2022-23 at Wage Rate of Rs. 388.42/- per day					
No. of Plants per Ha = 500, spacing = 5m x 4m					
Sr. No.	Item of Work	Unit	Qty.	Rate / Unit (Rs.)	Amount
1st year expenditure					
1	Jungle Clearance	Ha	0.5	5826.30	2913.15
2	Dag bailing and Alignment	RKM	2	271.90	543.80
3	Digging of pits 500x0.6x0.6x0.6m	m ³	108	165.08	17828.64
4	Loading and unloading of plants in Tractor/cart	Nos	600	2.93	1758.00
5	Carriage of plants	Nos	600	24.40	14640.00
6	Planting of plants including 10% replacement	Nos	550	15.55	8552.50
7	Application of fertilizer (one time DAP+One time urea)	Nos	1000	0.77	770.00
8	Irrigation Eight times including cost of water carriages	Nos	4000	5.84	23360.00
9	Purchase of water	LS			3500.00
10	First Weeding and hoeing	Nos	500	7.75	3875.00
11	Subsequent weeding and hoeing two times	Nos	1000	5.84	5840.00
12	Miscellaneous expenditure (urea, DAP, Tools)	LS		0.00	1000.00
13	Cost of wages of protection watcher (one protection watcher for six months for plantation area of 10 ha)	LS			6991.00
	Total				91572.09
14	Raising of plants in Nry (30x45cm) :500+20% extra	Nos	600	97.39	58434.00
	G.Total				150006.09
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				12187.99
	Added Contractor profit @ 7% of total				10500.43
	Net Total				172694.51
2nd year maintenance					
1	Clearing of weeds/ bushes in strips between plantation row.	Ha	0.5	1829.53	914.77
2	Re-opening of pits 100x0.6mx0.6mx0.6m	m ³	22	77.69	1709.18
3	Loading and unloading of plants	Nos	110	2.93	322.30
4	Carriage of plants	Nos	110	24.40	2684.00
5	Planting of plants	Nos	100	15.55	1555.00
6	Irrigation three times	Nos	1500	5.84	8760.00
7	Purchase of water	LS			2000.00
8	Weeding and hoeing two times	Nos	1000	5.84	5840.00
9	Miscellaneous expenditure	LS			500.00
10	Cost of wages of protection watcher (one protection watcher for six months for plantation area of 10 ha)	LS			6991.00
	Total				31276.25
11	Raising of plants in nursery	Nos	120	97.39	11686.80
	G.Total				42963.05
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				3490.75
	Added Contractor profit @ 7% of total				3007.41
	Net Total				49461.21
3rd year maintenance					
1	Clearing of weeds/ bushes in strips between plantation row.	Ha.	0.5	1829.53	914.77
2	Re-opening of pits 100x0.6mx0.6mx0.6m	m ³	11	77.69	854.59
3	Loading and unloading of plants	Nos	55	2.93	161.15
4	Carriage of plants	Nos	55	24.39	1341.45
5	Planting of plants	Nos	50	15.55	777.50
6	Irrigation two times	Nos	1000	5.84	5840.00
7	Weeding and hoeing once	Nos	500	5.84	2920.00
8	Miscellaneous expenditure	LS			500.00
9	Purchase of water	LS			1000.00
10	Cost of wages of protection watcher (one protection watcher for three months for plantation area of 10 ha)	LS			3495.00
	Total				17804.46
11	Raising of plants in nursery	Nos	60	97.39	5843.40
	G.Total				23647.86
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				1915.48
	Added Contractor profit @ 7% of total				1655.35
	Net Total				27218.68

4th year maintenance					
1	Clearing of weeds/ bushes in strips between plantation row.	Ha.	0.5	1829.53	914.77
2	Miscellaneous expenditure on pruning, cleaning and thinning		LS		4500.00
	Total				5414.77
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				439.95
	Added Contractor profit @ 7% of total				379.03
	Net Total				6233.75
5th year maintenance					
1	Clearing of weeds/ bushes in strips between plantation row.	Ha.	0.5	1829.53	914.77
2	Miscellaneous expenditure on pruning, cleaning and thinning		LS		4500.00
	Total				5414.77
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				439.95
	Added Contractor profit @ 7% of total				379.03
	Net Total				6233.75
6th year maintenance					
1	Clearing of weeds/ bushes in strips between plantation row.	Ha.	0.5	1829.53	914.77
2	Miscellaneous expenditure on pruning, cleaning and thinning		LS		4500.00
	Total				5414.77
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				439.95
	Added Contractor profit @ 7% of total				379.03
	Net Total				6233.75
ABSTRACT OF COST NORMS					
YEAR OF PLANTATION		Cost (Rs.)		Cost per plant (Rs.)	
FIRST YEAR EXPENDITURE		172694.51		345.39	
SECOND YEAR EXPENDITURE		49461.21		98.92	
THIRD YEAR MAINTENANCE		27218.68		54.44	
FOURTH YEAR MAINTENANCE		6233.75		12.47	
FIFTH YEAR MAINTENANCE		6233.75		12.47	
SIXTH YEAR MAINTENANCE		6233.75		12.47	
TOTAL		268075.64		536.15	

Note:- Maintenance of plantation for a period of 3 years under State Scheme and up to 5 years under NPV scheme is allowed.



Principal Chief Conservator of Forests (HoFF)
Haryana, Panchkula.

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Cost Statement of Plantation of Tall Plants under Green Belt in Urban Area/NPV during the Year 2022-23 at Wage Rate of Rs. 388.42/- per day					
No. of Plants per RKM = 250, spacing =4m plant to plant					
Sr. No.	Item of Work	Unit	Qty.	Rate / Unit (Rs.)	Amount (Rs.)
1st year expenditure					
1	Jungle clearance	Ha	0.5	5826.30	2913.15
2	Dag bailing and alignment	RKM	1	271.90	271.90
3	Digging of pits 250x0.6mx0.6mx0.6m	m ³	54	165.08	8914.32
4	Loading and unloading of plants in tractor/cart	Nos	300	2.93	879.00
5	Carriage of plants	Nos	300	24.40	7320.00
6	Planting of seedling & including 10% replacement	Nos	275	15.55	4276.25
7	Application of fertilizer (one time DAP+ One time urea)	Nos	500	0.77	385.00
8	Irrigation eight times	Nos	2000	5.84	11680.00
9	Purchase of water	LS			2500.00
10	First weeding and hoeing	Nos	250	7.75	1937.50
11	Subsequent weeding and hoeing five times	Nos	1250	5.84	7300.00
12	Miscellaneous expenditure	LS			1700.00
13	Cost of wages of protection watcher (one protection watcher for six months for plantation area of 10 RKM)	LS			6991.00
	Total				57068.12
14	Raising of plants in nursery (30cmx45cm) :250+20% extra	Nos	300	97.39	29217.00
	G.Total				86285.12
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				7010.67
	Added Contractor profit @ 7% of total				6039.96
	Net Total				99335.74
2nd year maintenance					
1	Clearing of weeds/ bushes in strips between plantation row.	Ha.	0.5	1829.53	914.77
2	Re-opening of pits 50x0.6mx0.6mx0.6m	M ³	11	77.69	854.59
3	Loading and unloading of plants	No.	60	2.93	175.80
4	Carriage of plants	No.	60	24.40	1464.00
5	Planting of plants	No.	50	15.55	777.50
6	Irrigation two times	No.	500	5.84	2920.00
7	Purchase of water				1500.00
8	Weeding and hoeing three times	No.	750	5.84	4380.00
9	Miscellaneous expenditure	LS			1000.00
	Total				13986.66
10	Raising of Plants in nursery	No.	60	97.39	5843.40
	G.Total				19830.06
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				1611.19
	Added Contractor profit @ 7% of total				1388.10
	Net Total				22829.35
3rd year maintenance					
1	Clearing of weeds/ bushes in strips between plantation row.	Ha.	0.5	1829.53	914.77
2	Re-opening of pits 50x0.6mx0.6mx0.6m	M ³	5.5	77.69	427.30
3	Loading and unloading of plants	No.	30	2.93	87.90
4	Carriage of plants	No.	30	24.40	732.00
5	Planting of plants	No.	25	15.55	388.75
6	Irrigation two times	No.	500	5.84	2920.00
7	Purchase of water				1000.00
8	Weeding and hoeing once	No.	250	5.84	1460.00
9	Miscellaneous expenditure	LS			1300.00
	Total				9230.71
10	Raising of Plants in nursery	No.	30	97.39	2921.70
	G.Total				12152.41
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				987.38
	Added Contractor profit @ 7% of total				850.67
	Net Total				13990.46

4th year maintenance					
1	Clearing of weeds/ bushes in strips between plantation row.	Ha.	0.5	1829.53	914.77
2	Expenditure on cleaning, pruning and thinning	LS			3000.00
3	Miscellaneous expenditure	LS			1450.00
	Total				5364.77
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				435.89
	Added Contractor profit @ 7% of total				375.53
	Net Total				6176.19
5th year maintenance					
1	Clearing of weeds/ bushes in strips between plantation row.	Ha.	0.5	1829.53	914.77
2	Expenditure on cleaning, pruning and thinning	LS			3000.00
3	Miscellaneous expenditure	LS			1450.00
	Total				5364.77
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				435.89
	Added Contractor profit @ 7% of total				375.53
	Net Total				6176.19
6th year maintenance					
1	Clearing of weeds/ bushes in strips between plantation row.	Ha.	0.5	1829.53	914.77
2	Expenditure on cleaning, pruning and thinning	LS			3000.00
3	Miscellaneous expenditure	LS			1450.00
	Total				5364.77
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				435.89
	Added Contractor profit @ 7% of total				375.53
	Net Total				6176.19
ABSTRACT OF COST NORMS					
YEAR OF PLANTATION		Cost (Rs.)		Cost per plant (Rs.)	
FIRST YEAR PLANTATION		99335.74		397.34	
SECOND YEAR MAINTENANCE		22829.35		91.32	
THIRD YEAR MAINTENANCE		13990.46		55.96	
FOURTH YEAR MAINTENANCE		6176.19		24.70	
FIFTH YEAR MAINTENANCE		6176.19		24.70	
SIXTH YEAR MAINTENANCE		6176.19		24.70	
TOTAL		154684.11		618.74	

Note:- Maintenance of plantation for a period of 3 years under State Scheme and up to 5 years under NPV scheme is allowed.



 Principal Chief Conservator of Forests (HofF)
 Haryana, Panchkula.

Cost statement of plantation under Eco-Restoration in Aravallis model of State/ NPV Scheme/ Pit method with protection-cum-Regeneration of natural species of Aravalli Hills during the Year 2022-23 at Wage Rate of Rs. 388.42/- per day

No. of plants per Ha. = 200					
Sr. No.	Item of Work	Units	Qty.	Rate/Unit	Amount
First Year Expenditure					
1	Construction of Loose Stone Wall 125 m x 1.25m x 0.75m x 1.25 high (top width, 1.25m base width)	M ³	156.25	893.36	139587.50
2	Clearing of Mesquite stumps including pruning of Singled shoots in first year (twice)	250 Stumps	250	15.55	3887.50
3	E.W. -- digging of pits (200x0.45x0.45x0.45) (45.56 cum)	M ³	18.22	252.47	4600.00
4	Loading and unloading of plants in Tractor /Cart	No.	220	1.16	255.20
5	Carriage of Plants from nursery to site	No.	220	4.86	1069.20
6	Further carriage of plants by Manual Labour (in hilly, desert area where vehicles etc. connect reach)	No.	220	3.88	853.60
7	Planting of seedling including 10% replacement	No.	220	7.76	1707.20
8	Application of Fertilizer (One time DAP + One time Urea)	No.	400	0.77	308.00
9	Hand watering two times	No.	400	5.84	2336.00
10	First weeding and hoeing	No.	200	5.84	1168.00
11	Sub weeding and hoeing two times	No.	200	3.88	776.00
12	Miscellaneous Expenditure				1400.00
13	Cost of wages of protection watcher (one protection watcher for six month for plantation area of 20 ha.)				3495.00
	Total				161443.20
14	Raising of plants in Nursery (P.bag 15x22 cm) 200 plants + 20% extra	No.	240	12.83	3079.20
	G.Total				164522.40
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				13367.45
	Added Contractor profit @ 7% of total				11516.57
	Net Total				189406.42
Second year Maintenance					
1	Repair & Maintenance of Loose Stone Wall, 10% of first year	M3	11.71	893.36	10461.25
2	Clearing of Mesquite stumps including pruning of Singled shoots in first year, once	250	250	11.64	2910.00
3	Re-opening of Pits 40x.45x..45x.45	cum	3.64	77.69	282.79
4	Loading and unloading of plants	No.	44	1.16	51.04
5	Carriage of Plants	No.	44	4.89	215.16
6	Further carriage of plants by Manual Labour (in hilly, desert area where vehicles etc. connect reach)	No.	44	3.88	170.72
7	Planting of Seedling	No.	40	7.76	310.40
8	Hand watering-Twice	No.	400	5.84	2336.00
9	Weeding and hoeing---once	No.	200	5.84	1168.00
10	Miscellaneous expenditure				1200.00
11	Cost of wages of protection watcher (one protection watcher for six months for plantation area of 20 ha.)				3495.00
	Total				22600.36
12	Raising of plants in Nursery	No.	48	12.83	615.84
	G.Total				23216.20
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				1886.32
	Added Contractor profit @ 7% of total				1625.13
	Net Total				26727.65

Third year Maintenance					
1	Repair & Maintenance of Loose Stone Wall, 10% of first year	M3	11.71	893.36	10461.25
2	Clearing of Mesquite stumps including pruning of Singled shoots in first year, once	250	250	11.64	2910.00
3	Re-opening of Pits 20x.45x.45x.45	cum	1.82	77.69	141.40
4	Loading and unloading of plants	No.	22	1.16	25.52
5	Carriage of Plants	No.	22	4.89	107.58
6	Further carriage of plants by Manual Labour (in hilly, desert area where vehicles etc. connect reach)	No.	22	3.88	85.36
7	Planting of Seedling	No.	20	7.76	155.20
8	Hand watering	No.	200	5.84	1168.00
9	Weeding and hoeing once	No.	200	5.84	1168.00
10	Miscellaneous expenditure				1000.00
11	Protection watcher (one protection watcher for 20 ha. Patch for 3 months)				1747.00
	Total				18969.30
12	Raising of plants in Nursery	No.	24	12.83	307.92
	G.Total				19277.22
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				1566.27
	Added Contractor profit @ 7% of total				1349.41
	Net Total				22192.90
Fourth year Maintenance					
1	Miscellaneous expenditure on cleaning, pruning and spacing	LS			5000.00
	Total				5000.00
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				406.25
	Added Contractor profit @ 7% of total				350.00
	Net Total				5756.25
Fifth year Maintenance					
1	Miscellaneous expenditure on cleaning, pruning and spacing	LS			5000.00
	Total				5000.00
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				406.25
	Added Contractor profit @ 7% of total				350.00
	Net Total				5756.25
Sixth year Maintenance					
1	Miscellaneous expenditure on cleaning, pruning and spacing	LS			5000.00
	Total				5000.00
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				406.25
	Added Contractor profit @ 7% of total				350.00
	Net Total				5756.25
ABSTRACT OF COST NORMS					
YEAR OF PLANTATION		Cost (in Rs.)		Cost per plant	
FIRST YEAR PLANTATION		189406.42		378.81	
SECOND YEAR MAINTENANCE		26727.65		53.46	
THIRD YEAR MAINTENANCE		22192.90		44.39	
FOURTH YEAR MAINTENANCE		5756.25		11.51	
FIFTH YEAR MAINTENANCE		5756.25		11.51	
SIXTH YEAR MAINTFNANCE		5756.25		11.51	
TOTAL		255595.72		511.19	

Note:- Maintenance of plantation for a period of 3 years under State Scheme and up to 5 years under NPV scheme is allowed.



Principal Chief Conservator of Forests (HoP)
Haryana, Panikula.

Cost Statement of Plantation of Non Eucalyptus Plants on Ridges under NPV during the Year 2022-23
at Wage Rate of Rs. 388.42/- per day

No. of Plants per RKM = 330, spacing = 3mtr. , plant to plant on single ridge (Other species)					
Sr. No.	Item of work	Unit	Qty.	Rate/ Unit	Amount
1st year expenditure					
1	Jungle clearance	Rkm	0.25	5826.30	1456.58
2	Dag bailing and alignment	Rkm	1	271.90	271.90
3	Adv. E.W. Construction of Ridges (Top width 60.00cm, Bottom Width 1.30m, height 50 cm and length 1000 mtr. for single ridge, Earth work = 475 m ³)	M ³	475	135.93	64566.75
4	Preparation of Slots on Ridges	No.	330	2.63	867.90
5	Loading and unloading of plants in Tractor/Cart.	No.	363	0.40	145.20
6	Carriage of plants	No.	363	1.84	667.92
7	Plantating of seedlings	No.	363	5.42	1967.46
8	Application of fertilizer (One time DAP + One time Urea)	No.	660	0.77	508.20
9	Irrigation six times	No.	1980	3.88	7682.40
10	First Weeding and hoeing	No.	330	5.84	1927.20
11	Subsequent weeding and hoeing four times	No.	1320	3.88	5121.60
12	Miscellaneous expenditure for purchase of fertilizer, pesticides, foliage Nutrients, Baskets & Tins etc.	LS			2500.00
	Total				87683.11
13	Raising of plants in Nry. (15cm x 22cm) 330 + 20% extra	No.	396	12.83	5080.68
	G.Total				92763.79
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				7537.06
	Added Contractor profit @ 7% of total				6493.46
	Net Total				106794.31
2nd Year expenditure					
1	Preparation of Slots on Ridges	No.	66	2.63	173.58
2	Loading and unloading of plants	No.	70	0.40	28.00
3	Carriage of plants	No.	70	1.84	128.80
4	Planting of seeding	No.	70	5.42	379.40
5	Irrigation five times	No.	1650	3.88	6402.00
6	Weeding & hoeing twice	No.	660	3.88	2560.80
7	Miscellaneous expenditure for purchase of fertilizer, pesticides, foliage Nutrients, Baskets & Tins etc.	LS			1100.00
	Total				10772.58
8	Raising of plants in Nry. (15cm x 22cm) 66 + 20% extra	No.	80	12.83	1026.40
	G.Total				11798.98
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				958.67
	Added Contractor profit @ 7% of total				825.93
	Net Total				13583.58
3rd Year Maintenance					
1	Irrigation once	Nos	330	3.88	1280.40
2	Weeding and hoeing	Nos	330	3.88	1280.40
3	Miscellaneous expenditure for purchase of fertilizer, pesticides, foliage nutrients, baskets & tins etc.	LS			1000.00
	G.Total				3560.80
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				289.32
	Added Contractor profit @ 7% of total				249.26
	Net Total				4099.37

4th Year Maintenance					
1	Irrigation once	Nos	330	3.88	1280.40
2	Weeding and hoeing	Nos	330	3.88	1280.40
3	Miscellaneous expenditure for purchase of fertilizer, pesticides, foliage nutrients, baskets & tins etc.	LS			1000.00
	G.Total				3560.80
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				
	Added Contractor profit @ 7% of total				289.32
	Net Total				249.26
					4099.37
5th Year Maintenance					
1	Irrigation once	Nos	330	3.88	1280.40
2	Weeding and hoeing	Nos	330	3.88	1280.40
3	Miscellaneous expenditure for purchase of fertilizer, pesticides, foliage nutrients, baskets & tins etc.	LS			1000.00
	G.Total				3560.80
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				
	Added Contractor profit @ 7% of total				289.32
	Net Total				249.26
					4099.37
6th Year Maintenance					
1	Irrigation once	Nos	330	3.88	1280.40
2	Weeding and hoeing	Nos	330	3.88	1280.40
	Miscellaneous expenditure for purchase of fertilizer, pesticides, foliage nutrients, baskets & tins etc.	LS			1000.00
	G.Total				3560.80
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				
	Added Contractor profit @ 7% of total				289.32
	Net Total				249.26
					4099.37
ABSTRACT OF COST NORMS					
YEAR OF PLANTATION		Cost (in Rs.)		Cost per plant	
FIRST YEAR PLANTATION		106794.31		213.59	
SECOND YEAR MAINTENANCE		13583.58		27.17	
THIRD YEAR MAINTENANCE		4099.37		8.20	
FOURTH YEAR MAINTENANCE		4099.37		8.20	
FIFTH YEAR MAINTENANCE		4099.37		8.20	
SIXTH YEAR MAINTENANCE		4099.37		8.20	
TOTAL		136775.37		273.55	

Note:- Maintenance of plantation for a period of 3 years under State Scheme and up to 5 years under NPV scheme is allowed.



Principal Chief Conservator of Forests (HoFF)
Haryana, Panchkula.

Cost Statement of Plantation of Eucalyptus Plants on Ridges under State/NPV scheme during the Year 2022-23 at Wage Rate of Rs. 388.42/- per day

No. of plants per RKM = 500, spacing = 2 mtr. plant to plant on single ridge (Eucalyptus)					
Sr. No.	Item of work	Unit	Qty.	Rate/Unit	Amount
1st year expenditure					
1	Jungle clearance	Rkm	0.25	5826.30	1456.58
2	Dag bailing and alignment	Rkm	1	271.90	271.90
3	Adv. E.W. Construction of Ridges (Top width 60.00cm, Bottom Width 1.30m, height 50 cm and length 1000 mtr. for single ridge. Earth work = 475 m ³)	M ³	475	135.93	64566.75
4	Preparation of Slots on Ridges	No.	500	2.63	1315.00
5	Loading and unloading of plants in Tractor/Cart.	No.	500	0.40	200.00
6	Carriage of plants	No.	500	1.84	920.00
7	Plantating of seedings	No.	500	5.42	2710.00
8	Application of fertilizer (One time DAP + One time Urea)	No.	1000	0.77	770.00
9	Irrigation three times	No.	1500	3.88	5820.00
10	First Weeding and hoeing	No.	500	5.84	2920.00
11	Subsequent weeding and hoeing two times	No.	1000	3.88	3880.00
12	Miscellaneous expenditure for purchase of fertilizer, pesticides, foliage Nutrients, Baskets & Tins etc.	LS			2500.00
	Total				87330.23
13	Raising of plants in Nry. (15cm x 22cm) 500 + 20% extra	No.	600	12.83	7698.00
	G.Total				95028.23
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				7721.04
	Added Contractor profit @ 7% of total				6651.98
	Net Total				109401.24
2nd Year expenditure					
1	Re-opening of pits 100 x 0.45 x 0.45 x 0.45	M ³	9	77.69	707.76
2	Preparation of Slots on Ridges	No.	100	2.63	263.00
3	Loading and unloading of plants	No.	110	0.40	44.00
4	Carriage of plants	No.	110	1.84	202.40
5	Planting of seeding	No.	100	5.42	542.42
6	Irrigation three times	No.	1500	3.88	5820.00
7	Weeding & hoeing once	No.	500	3.88	1940.00
8	Miscellaneous expenditure for purchase of fertilizer, pesticides, foliage Nutrients, Baskets & Tins etc.	LS			600.00
	Total				10119.58
9	Raising of plants in Nry. (15cm x 22cm) 100 + 20% extra	No.	120	12.83	1539.60
	G.Total				11659.18
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				947.31
	Added Contractor profit @ 7% of total				816.14
	Net Total				13422.63
3rd Year Maintenance					
1	Irrigation once	Nos	500	3.88	1940.00
2	Weeding and hoeing	Nos	500	3.88	1940.00
3	Miscellaneous expenditure for purchase of fertilizer, pesticides, foliage nutrients, baskets & tins etc.	LS			1000.00
	G.Total				4880.00
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				396.50
	Added Contractor profit @ 7% of total				341.00
	Net Total				5618.10

4th Year Maintenance					
1	Irrigation once	Nos	500	3.88	1940.00
2	Weeding and hoeing	Nos	500	3.88	1940.00
3	Miscellaneous expenditure for purchase of fertilizer, pesticides, foliage nutrients, baskets & tins etc.	LS			1000.00
	G.Total				4880.00
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				396.50
	Added Contractor profit @ 7% of total				341.60
	Net Total				5618.10
5th Year Maintenance					
1	Irrigation once	Nos	500	3.88	1940.00
2	Weeding and hoeing	Nos	500	3.88	1940.00
3	Miscellaneous expenditure for purchase of fertilizer, pesticides, foliage nutrients, baskets & tins etc.	LS			1000.00
	G.Total				4880.00
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				396.50
	Added Contractor profit @ 7% of total				341.60
	Net Total				5618.10
6th Year Maintenance					
1	Irrigation once	Nos	500	3.88	1940.00
2	Weeding and hoeing	Nos	500	3.88	1940.00
3	Miscellaneous expenditure for purchase of fertilizer, pesticides, foliage nutrients, baskets & tins etc.	LS			1000.00
	G.Total				4880.00
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				396.50
	Added Contractor profit @ 7% of total				341.60
	Net Total				5618.10
ABSTRACT OF COST NORMS					
YEAR OF PLANTATION		Cost (in Rs.)		Cost per plant	
FIRST YEAR PLANTATION		109401.24		218.80	
SECOND YEAR MAINTENANCE		13422.63		26.85	
THIRD YEAR MAINTENANCE		5618.10		11.24	
FOURTH YEAR MAINTENANCE		5618.10		11.24	
FIFTH YEAR MAINTENANCE		5618.10		11.24	
SIXTH YEAR MAINTENANCE		5618.10		11.24	
TOTAL		145296.27		290.59	

Note:- Maintenance of plantation for a period of 3 years under State Scheme and up to 5 years under NPV scheme is allowed.



Principal Chief Conservator of Forests (HofP)
Haryana, Panchkula.

Cost Statement of Maintenance of Plantation on Community/Institutional Land, ANR, Beautification of District Roads, NH Plantation/Shrub Plantation on NH during the Year 2022-23 at Wage Rate of Rs. 388.42/- per day

No. of plants per Ha. = 1100, spacing = 3m x 3m

Sr. No.	Item of work	Unit	Qty.	Rate/Unit (Rs.)	Amount (Rs.)
4th Year Maintenance					
1	Clearing of weeds/ bushes in strips between plantation row.	Ha.	0.5	1829.53	914.77
2	Cleaning, pruning and spacing	LS			4500.00
Total					5414.77
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				439.95
	Added Contractor profit @ 7% of total				379.03
	Net Total				6233.75
5th Year Maintenance					
1	Clearing of weeds/ bushes in strips between plantation row.	Ha.	0.5	1829.53	914.77
2	Cleaning, pruning and spacing	LS		0.00	4500.00
Total					5414.77
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				439.95
	Added Contractor profit @ 7% of total				379.03
	Net Total				6233.75
6th Year Maintenance					
1	Clearing of weeds/ bushes in strips between plantation row.	Ha.	0.5	1829.53	914.77
2	Cleaning, pruning and spacing	LS		0.00	4500.00
Total					5414.77
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				439.95
	Added Contractor profit @ 7% of total				379.03
	Net Total				6233.75
ABSTRACT OF COST NORMS					
	YEAR OF PLANTATION	Cost (in Rs.)		Cost per plant	
	FOURTH YEAR MAINTENANCE	5000.00		4.55	
	FIFTH YEAR MAINTENANCE	5000.00		4.55	
	SIXTH YEAR MAINTENANCE	5000.00		4.55	
	TOTAL	15000.00		13.64	

Note:- Maintenance of plantation for a period of 3 years under State Scheme and up to 5 years under NPV scheme is allowed.


Principal Chief Conservator of Forests (HofF)
Haryana, Panchikula.

Cost Statement for Clonal Eucalyptus/Seed Plantation (Ridge Planting) under Strip Plantation on Govt. lands for implementation during the Year 2022-23 at Wage Rate of Rs. 388.42/- per day

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No. of plants per RKM = 500, spacing = 2 mtr. plant to plant on single ridge

Sr. No.	Item of work	Unit	Qty.	Rate/ Unit	Amount
1st year expenditure					
1	Jungle clearance	Rkm	0.25	5826.30	1456.58
2	Dag bailing and alignment	Rkm	1	271.90	271.90
3	Adv. E.W. Construction of Ridges (Top width 60.00cm, Bottom Width 1.30m, height 50 cm and length 1000 mtr. for single ridge, Earth work = 475 m ³)	M ³	475	135.93	64566.75
4	Loading and unloading of plants in Tractor/Cart.	No.	550	0.40	220.00
5	Carriage of plants	No.	550	1.84	1012.00
6	Plantating of seedings	No.	500	5.42	2710.00
7	Application of fertilizer (One time DAP + One time Urea)	No.	1000	0.77	770.00
8	Irrigation three times	No.	1500	3.88	5820.00
9	First Weeding and hoeing	No.	500	5.84	2920.00
10	Subsequent weeding and hoeing two times	No.	1000	3.88	3880.00
11	Miscellaneous expenditure for purchase of fertilizer, pesticides, foliage Nutrients, Baskets & Tins etc.	LS			1200.00
	Total				84827.23
12	Raising of plants in Nry. (15cm x 22cm) 500 + 20% extra	No.	600	12.83	7698.00
	G.Total				92525.23
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				7517.67
	Added Contractor profit @ 7% of total				6476.77
	Net Total				106519.67
2nd Year expenditure					
1	Re-opening of pits 100 x 0.45 x 0.45 x 0.45	M ³	9	77.69	707.76
2	Loading and unloading of plants	No.	120	0.40	48.00
3	Carriage of plants	No.	120	1.84	220.80
4	Planting of seeding	No.	100	5.42	542.00
5	Irrigation two times	No.	1000	3.88	3880.00
6	Weeding & hoeing once	No.	500	3.88	1940.00
7	Miscellaneous expenditure for purchase of fertilizer, pesticides, foliage Nutrients, Baskets & Tins etc.	LS			1000.00
	Total				8338.56
8	Raising of plants in Nry. (15cm x 22cm) 100 + 20% extra	No.	120	12.83	1539.60
	G.Total				9878.16
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				802.60
	Added Contractor profit @ 7% of total				691.47
	Net Total				11372.23
3rd Year Maintenance					
1	Irrigation once	Nos	500	3.88	1940.00
2	Weeding and hoeing	Nos	500	3.88	1940.00
	Miscellaneous expenditure for purchase of fertilizer, pesticides, foliage nutrients, baskets & tins etc.	LS			800.00
	Total				4680.00
4	Raising of plants in Nry. (15cm x 22cm) 50 + 10% extra	No.	55	12.83	705.65
	G.Total				5385.65
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				437.58
	Added Contractor profit @ 7% of total				377.00
	Net Total				6200.23

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4th Year Maintenance					
1	Miscellaneous expenditure	LS			3000.00
	Total				3000.00
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				243.75
	Added Contractor profit @ 7% of total				210.00
	Net Total				3453.75
5th Year Maintenance					
1	Miscellaneous expenditure	LS			3000.00
	Total				3000.00
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				243.75
	Added Contractor profit @ 7% of total				210.00
	Net Total				3453.75
6th Year Maintenance					
1	Miscellaneous expenditure	LS			3000.00
	Total				3000.00
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				243.75
	Added Contractor profit @ 7% of total				210.00
	Net Total				3453.75
ABSTRACT OF COST NORMS					
YEAR OF PLANTATION		Cost (in Rs.)	Cost per plant		
FIRST YEAR PLANTATION		106519.67	213.04		
SECOND YEAR MAINTENANCE		11372.23	22.74		
THIRD YEAR MAINTENANCE		6200.23	12.40		
FOURTH YEAR MAINTENANCE		3453.75	6.91		
FIFTH YEAR MAINTENANCE		3453.75	6.91		
SIXTH YEAR MAINTENANCE		3453.75	6.91		
TOTAL		134453.37	268.91		

Note:- Maintenance of plantation for a period of 3 years under State Scheme and up to 5 years under NPV scheme is allowed.


 Principal Chief Conservator of Forests (HOF)
 Haryana, Panchkula.