

**Cost Statement of Plantation of Tall Plants under Compensatory Afforestation during the year
2022-23 at a wage rate of Rs. 388.42/- per day**

No. of Plants = 1000, spacing =4m x 4m, physical area per 1000 plants=1.6 Ha.

Sr. No.	Item of Work	Unit	Qty.	Rate / Unit	Amount (Rs.)
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1st year Plantation (2022-23)

1	Jungle clearance	Ha	1.6	5823.30	9317.28
2	Raising of plants in nursery (30cmx45cm) :1000+20% extra	Nos	1200	98.76	118512.00
3	Dag bailing and alignment	RKM	3	271.88	897.20
4	Digging of pits1000x0.6mx0.6mx0.6m	M³	216	165.08	35657.28
5	Loading and unloading of plants in tractor/cart	Nos	1100	2.93	3223.00
6	Carriage of plants by Tractor/ Trolley	Nos	1100	24.40	26840.00
7	Carriage of plants from pit to pit	Nos	L/s		2670.00
8	Planting of Plants including 10% replacement	Nos	1100	15.55	17105.00
9	Application of fertilizer (one time DAP+One time urea)	Nos	2000	0.77	1540.00
10	Irrigation five times	Nos	5000	5.84	29200.00
11	First weeding and hoeing	Nos	1000	7.75	7750.00
12	Subsequent weeding and hoeing two times	Nos	2000	5.84	11680.00
13	New long fencing	Mtr.	100	17.21	1721.00
14	Chhapa binding around plants	No.	1000	17.23	17230.00
15	Miscellaneous expenditure	LS			2135.00
16	Cost of wages of protection watcher (one protection watcher for six months for plantation area of 10 Ha.)	LS			6990.00
	Sub-Total				292467.76
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				23763.01
	Added Contractor profit @ 7% of total				20472.74
	Total				336703.51


2nd year maintenance (2021-22)

1	Jungle clearance	Ha.	0.5	5826.30	2913.15
2	Raising of plants in nursery	No.	240	98.76	23702.40
3	Re-opening of pits 200x (0.6cmx0.6cmx0.6cm)	M³	43.2	77.68	3355.78
4	Loading & unloading of plants	No.	220	2.91	640.20
5	Carriage of plants	No.	220	24.40	5368.00
6	Carriage of plants Pit to Pit	No.	L/s		1068.00
7	Planting of plants	No.	220	15.55	3421.00
8	Irrigation three times	No.	3000	5.84	17520.00
9	Chhapa binding around plants	No.	500	17.23	8615.00
10	Weeding and hoeing once	No.	1000	5.84	5840.00
11	Miscellaneous expenditure	LS			1160.00
12	Cost of wages of protection watcher				6990.00
	Sub-Total				80593.53
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				6548.22
	Added Contractor profit @ 7% of total				5641.55
	Total				92783.30

3rd Year Maintenance (2020-21)

1	Jungle clearance	Ha.	0.5	5826.30	2913.15
2	Raising of Plants in nursery	No.	120	98.76	11851.20
3	Re-opening of pits 100x0.6mx0.6mx0.6m	M³	21.6	77.68	1677.89
4	Loading and unloading of plants	No.	110	2.91	320.10
5	Carriage of plants	No.	110	24.40	2684.00
6	Carriage of plants Pit to Pit	No.	L/s		534.00
7	Planting of plants	No.	100	15.55	1555.00
8	Irrigation two times	No.	2000	4.87	9740.00
9	Chhapa binding around plants	No.	300	17.23	5169.00
10	Weeding and hoeing once	No.	1000	5.84	5840.00
11	Miscellaneous expenditure	LS			900.00
12	Cost of wages of protection watcher				6990.00
	Sub-Total				50174.34
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				4076.66
	Added Contractor profit @ 7% of total				3512.20
	Total				57763.21

4rth Year Maintenance (2019-20)					
1	Jungle Clearance	Ha.	0.5	1829.53	914.77
2	Cleaning, pruning and spacing	LS		0.00	3765.00
3	Miscellaneous Expenditure				4637.00
	Sub-Total				9316.77
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				756.99
	Added Contractor profit @ 7% of total				652.17
	Total				10725.93
5th Year Maintenance (2018-19)					
1	Harrowing in plantation	Ha.	0.5	1829.53	914.77
2	Cleaning, pruning and spacing	LS		0.00	3765.00
3	Miscellaneous Expenditure				4637.00
	Sub-Total				9316.77
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				756.99
	Added Contractor profit @ 7% of total				652.17
	Total				10725.93
6th Year Maintenance (2017-18)					
1	Harrowing in plantation	Ha.	0.5	1829.53	914.77
2	Cleaning, pruning and spacing	LS		0.00	3765.00
3	Miscellaneous Expenditure				4637.00
	Sub-Total				9316.77
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				756.99
	Added Contractor profit @ 7% of total				652.17
	Total				10725.93
ABSTRACT OF COST NORMS					
YEAR OF PLANTATION			Cost (in Rs.)	Cost per plant	
FIRST YEAR PLANTATION			336703.51	336.70	
SECOND YEAR MAINTENANCE			92783.30	92.78	
THIRD YEAR MAINTENANCE			57763.21	57.76	
FOURTH YEAR MAINTENANCE			10725.93	10.73	
FIFTH YEAR MAINTENANCE			10725.93	10.73	
SIXTH YEAR MAINTENANCE			10725.93	10.73	
TOTAL			519427.79	519.43	


 Chief Executive Officer
 CAMPA (State Authority)
 Haryana, Panchkula

Cost Statement of Plantation of Small(Polypot) Plants under Compensatory Afforestation during the year 2022-23 at a wage rate of Rs. 388.42/- per day


No. of plants per Ha. = 1000, spacing = 3m x 3m

Sr. No.	Item of work	Unit	Qty.	Rate/Unit (Rs.)	Amount (Rs.)
1st year Plantation (2022-23)					
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 1000 x 0.45m x 0.45m x 0.45m	M ³	91.00	135.93	12369.63
4	Raising of plants in Nry. (15cm x 22cm) 1000 + 20% extra	No.	1200	12.83	15396.00
5	Loading and unloading of plants in Tractor/Cart.	No.	1100	0.43	473.00
6	Carriage of plants	No.	1100	2.43	2673.00
7	Plantating of plants including 10% replacement.	No.	1100	5.84	6424.00
8	Application of fertilizer (One time DAP + One time Urea)	No.	2000	0.77	1540.00
9	Irrigation five times (upto 10 Km)	No.	5000	5.84	29200.00
10	Purchase of water for irrigation (4000 litre in one tank)				3200.00
11	First weeding and hoeing	No.	1000	5.84	5840.00
12	Subsequent weeding and hoeing two times	No.	2000	3.88	7760.00
13	Miscellaneous expenditure (Purchase of fertlizer, tools etc.)				855.00
14	Cost of wages of protection watcher (one protection watcher for six months for plantation area of 10 ha)	LS			6990.00
Total					96531.05
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				7843.15
	Added Contractor profit @ 7% of total				6757.17
	Net Total				111131.37
2nd Year Maintenance (2021-22)					
1	Harrowing in plantation	Ha.	0.5	1829.53	914.77
2	Raising of plants in nursery	No.	264	12.83	3387.12
3	Re-opening of pits 200 x .45cmx.45cm x .45cm	M ³	18	77.69	1398.42
4	Loading and unloading of plants	Nos.	200	0.43	86.00
5	Carriage of plants	Nos.	200	2.43	486.00
6	Planting of plants	Nos.	200	5.84	1168.00
7	Irrigation two times	Nos.	2000	5.84	11680.00
8	Purchase of water for irrigation per tank (4000 litre)				1280.00
9	Weeding & hoeing once	Nos.	1000	3.88	3880.00
10	Miscellaneous expenditure				855.00
11	Cost of wages of protection watcher (one protection watcher for six months for plantation area of 10 ha)	LS			6990.00
Total					32125.31
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				2610.18
	Added Contractor profit @ 7% of total				2248.77
	Net Total				36984.26
3rd Year Maintenance (2020-21)					
1	Harrowing in plantation	Ha.	0.5	1829.53	914.77
2	Raising of plants in nursery	No.	132	12.83	1693.56
3	Re-opening of pits 100 x .45cm x .45cm x .45cm	M ³	9	77.69	699.21
4	Loading and unloading of plants	No.	100	0.43	43.00
5	Carriage of plants	No.	100	2.43	243.00
6	Planting of plants	No.	100	5.84	584.00
7	Irrigation once	No.	1000	5.84	5840.00
8	Purchase of water for irrigation per tank (4000 litre)		1000		320.00
9	Weeding & hoeing once	No.	1000	3.88	3880.00
10	Miscellaneous expenditure			0.00	160.00
11	Cost of wages of protection watcher (one protection watcher for three months for plantation area of 10 ha)	LS			3495.00
Total					17872.54
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				1452.14
	Added Contractor profit @ 7% of total				1251.08
	Net Total				20575.76
4rth Year Maintenance (2019-20)					
1	Harrowing in plantation	Ha.	0.5	1829.53	914.77
2	Cleaning, pruning and spacing	LS		0.00	4270.00
Total					5536.00
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				449.80
	Added Contractor profit @ 7% of total				387.52
	Net Total				6373.32
5th Year Maintenance (2018-19)					
1	Harrowing in plantation	Ha.	0.5	1829.53	914.77
2	Cleaning, pruning and spacing	LS		0.00	4270.00
Total					5536.00
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				449.80
	Added Contractor profit @ 7% of total				387.52
	Net Total				6373.32

Cost Norms of Plantation of Tall Plants under Alkali Model under CA/NPV during the year 2022-23 at a wage rate of Rs. 388.42/-					
No. of plants per Ha. = 1000 TP, spacing = 4m x 2.5m					
Sr. No.	Item of Work	Unit	Qty.	Rate/Unit	Amount
1st year Plantation (2022-23)					
1	Jungle Clearance	Ha.	0.5	5826.30	2913.15
2	Dag bailing and Alignment	Km.	1	271.90	271.90
3	Earth Work - digging of pits (1000x0.60mx0.60mx0.30m)	m3	108	165.08	17828.64
4	Carriage of good soil up to 10 km.	Qtl.	120	145.66	17479.20
5	loading unloading of soil	Qtl.	120	19.40	2328.00
6	Purchase of FYM including carrage and loading & Unloading	Qtl.	80	145.66	11652.80
7	Uprooting musquite stumps	Nos.	100	160.44	16044.00
8	Purchase of Gypsum	Qtl.	20	604.32	12086.40
9	Loading unloading of Gypsum	Qtl.	20	279.78	5595.60
10	Carriage of Gypsum up to 10 Km.	Qtl.	20	211.66	4233.20
11	Preparation of Augor hole with hired tractor/ machincal augor (60cm dia up to 1.2m depth with dressing for pit shape)	Nos.	1000	21.95	21950.00
12	Raising of Plants (including 10% replacement) nos.	Nos.	1320	98.76	130363.20
13	Loading Unloading of Plants	Nos.	1320	2.93	3867.60
14	Carriage of Plants	Nos.	1100	24.40	26840.00
15	Planting of Plants (including 10% replacement) nos.	Nos.	1100	15.55	17105.00
16	Irrigation - Five times (up to 100 mtr. distance)	Nos.	5000	5.84	29200.00
17	1st Weeding Hoeing	Nos.	1000	7.75	7750.00
18	Sub Weeding Hoeing (three times)	Nos.	3000	4.77	14310.00
19	Misc Expenditure	Nos.	1000	0.00	3360.00
20	Cost of Protection Watcher 1 protection watcher for 6 months for plantation area of 10 ha.	Days	18	388.42	6991.56
	Total				352170.25
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				28613.83
	Added Contractor profit @7 % of total				24651.92
				G.Total	405436.00
2nd Year Maintenance (2021-22)					
1	Raising of Plants in Nursery	No.	240	98.76	23702.40
2	Re- opening of Pits 200x.60mx.60mx.60m	m3	43.2	77.68	3355.78
3	Loading and unloading of plants	No.	200	2.93	586.00
4	Carriage of Plants	No.	200	24.40	4880.00
5	Planting of Plants	No.	200	15.55	3110.00
6	Irrigation - three Times	No.	3000	5.84	17520.00
7	Weeding and Hoeing - Two Times	No.	2000	5.84	11680.00
9	Misc. Expenditure Like Prunning, thinning, etc.		0	0	1678
	Total				66512.18
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				5404.11
	Added Contractor profit @7 % of total				4655.85
				G.Total	76572.14
3rd Year Maintenance (2020-21)					
1	Raising of Plants in Nursery	No.	100	98.76	9876.00
2	Re- opening of Pits 100x.60mx.60mx.60m	m3	21.16	77.68	1643.71
3	Loading and unloading of plants	No.	100	2.93	293.00
4	Carriage of Plants	No.	100	24.40	2440.00
5	Planting of Plants	No.	100	15.55	1555.00
6	Irrigation - three Times	No.	3000	5.84	17520.00
7	Weeding and Hoeing - Two Times	No.	2000	5.84	11680.00
9	Misc. Expenditure Like Prunning, thinning, etc.		0	0	240
	Total				45247.71
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				3676.38
	Added Contractor profit @7 % of total				3167.34
	Net Total				52091.42
4rth Year Maintenance (2019-20)					
1	Harrowing in Plantation	Ha.	0.5	1829.53	914.77
2	Expenditure on cleaning, pruning and thinning	LS		0.00	2638.00
3	Miscellaneous expenditure	LS			1126.00
	Total				4678.77
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				380.15

	Added Contractor profit @ 7% of total				327.51
	Net Total				5386.43
5th Year Maintenance (2018-19)					
1	Harrowing in Plantation	Ha.	0.5	1829.53	914.77
2	Expenditure on cleaning, pruning and thinning	LS		0.00	2638.00
3	Miscellaneous expenditure	LS			1126.00
	Total				4678.77
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				380.15
	Added Contractor profit @ 7% of total				327.51
	Net Total				5386.43
6th Year Maintenance (2017-18)					
1	Harrowing in Plantation	Ha.	0.5	1829.53	914.77
2	Expenditure on cleaning, pruning and thinning	LS		0.00	2638.00
3	Miscellaneous expenditure	LS			1126.00
	Total				4678.77
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				380.15
	Added Contractor profit @ 7% of total				327.51
	Net Total				5386.43

Abstract		
	Amount	Cost/plant
FIRST YEAR PLANTATION	405436.00	405.44
SECOND YEAR MAINTENANCE	76572.14	76.57
THIRD YEAR MAINTENANCE	52091.42	52.09
FOURTH YEAR MAINTENANCE	5386.43	5.39
FIFTH YEAR MAINTENANCE	5386.43	5.39
SIXTH YEAR MAINTENANCE	5386.43	5.39
Total	550258.8523	550.26

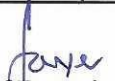

 Chief Executive Officer
 CAMPA (State Authority)
 Haryana, Panchkula

Cost Statement of Plantation of Clonal Euc. in Eco-Sensitive Zone/Water Logged Areas adjustant to Bhindawas Wild Life Sanctuary during the year 2022-23 under NPV/CAMPA at a wage rate of Rs. 388.42/-

No. of plants per RKM. =2000, spacing = 1m plant to plant on double ridge in staggered manner

Sr. No.	Item of Works	Unit	Qty	Rate/ Unit (Rs.)	Amount. (Rs.)
2nd year Maintenance (2021-22)					
1	Digging of slot on ridges and filling of mixture	Nos.	400	2.63	1052.00
2	Purchase of clonal plants including 10% extra	Nos.	440	8.35	3674.00
3	Carriage of plants from clonal nursery to plantation site	Nos.	440	1.84	809.60
4	Loading & Unloading of plants in tractor/cart	Nos.	440	0.4	176.00
5	Carriage of plants from pit to pit	Nos.	440	1.84	809.60
6	Planting of plants including 10% extra	Nos.	440	5.84	2569.60
7	Application of fertilizer (one time DAP+ One time urea)	Nos.	400	0.77	308.00
8	Irrigation two times	Nos.	4000	5.84	23360.00
9	Subsequent weeding and hoeing once	Nos.	2000	3.88	7760.00
10	Miscellaneous expenditure				324.55
	Total				40843.35
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				3318.52
	Added Contractor profit @7 % of total				2859.03
	G.Total				47020.91
3rd year Maintenance (2020-21)					
1	Digging of slot on ridges and filling of mixture	Nos.	200	2.63	526.00
2	Purchase of clonal plants including 10% extra	Nos.	220	8.35	1837.00
3	Carriage of plants from clonal nursery to plantation site	Nos.	220	1.84	404.80
4	Loading & Unlaoding of plants in tractor/cart	Nos.	220	0.43	94.60
5	Carriage of plants from pit to pit	Nos.	220	1.84	404.80
6	Planting of plants including 10% extra	Nos.	220	5.84	1284.80
7	Application of fertilizer (one time DAP+ One time urea)	Nos.	400	0.77	308.00
8	Irrigation Once	Nos.	2000	5.84	11680.00
9	Subsequent weeding and hoeing once	Nos.	2000	3.88	7760.00
10	Miscellaneous expenditure				996
	Total				25296.00
	Added EPF @ 13%				
	Added ESI @ 3.25%				
	of wages component 50% of total				2055.30
	Added Contractor profit @7 % of total				1770.72
	G.Total				29122.02

ABSTRACT OF COST NORMS		
	Amount	Cost/plant
SECOND YEAR MAINTENANCE	47020.91	23.51
THIRD YEAR MAINTENANCE	29122.02	14.56
Total	76142.927	38.07


 Chief Executive Officer
 CAMPA (State Authority)
 Haryana, Panchkula