

GAYA FOREST DIVISION									
Compensatory Afforestation Under CAMPA (Diversion against NH-120)									
Estimate for Development of Natural Forests (Block Plantation) 2022-23									
NAME OF THE RANGE		Wages Rate		Gaya		366			
NAME OF DISTRICT-		Gaya		Gaya					
Name of the Block									
NAME OF THE (PLANTION SITE)		Sohepur							
Thana & Thana No.		306							
Plot No.		998, 1000, 1010 To 1015		265					
LENGTH OF TRENCH FENCING (IN hard soil in CHAIN)									
No of Plants		57,200							
NET AREA		52		HA.					
GROSS AREA		54		HA.					
G.P.S READING		N 24° 44.28'		E 085° 3.34'					
		N 24° 44.29'		E 085° 3.32'					
		N 24° 44.26'		E 085° 3.32'					
		N 24° 44.27'		E 085° 3.30'					
Item No	Description	Quantity	Unit	MDs	Wages	Material	Unit Rate	Estimated Amount Wages	Estimated Amount Material
C-1	C-2	C-3	C-4	C-4	C-5	C-6	C-7	C-9	C-10
ADVANCE WORK (2022-23)									
5.1.1	Wages for survey and demarcation including construction of temporary pillars and digging of soil profile pit	54	ha	3.0000	1098.0000		1098.0000	59292	
5.1.2	Material for survey and demarcation including construction of temporary pillars and digging of soil	54	ha			27.5000	27.5000	1485	
5.3	Bush Cleaning, applicable only when bushes are present								
5.3.2	Bush Cleaning - Dense bushes	54	ha	16.0000	5856.0000		5856.0000	316224	
5.4	Trench fencing, depositing digged earth on inner side of plantation and compacting / dressing of the same (size - 1.83 m top width X 1.22 m bottom width X 1.22 m vertical height)								

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										Gaya			
				265	chain					3400.0000	3400.0000	901000	
5.4.3	Digging of trench with machine in hard soil			265	chain								
5.4.4	Making of bund and compacting / dressing it (same in all soil types)			265	chain						1098.0000	290970	
5.10	Earth Work - Alignment and pit digging in areas having hard soil												
5.10.1	Pits 0.30m x 0.30m x 0.30m Hard soil			57200.00	No.						9.6990	554783	
5.11.1	Wages for part nursery work (advance work in temporary nursery near plantation site to raise seedlings including 20% extra plants) per plant			68640.00	No.						2.9858	204945	
5.11.2	Material for part nursery work (advance work in temporary nursery near plantation site to raise seedlings including 20% extra plants) per plant			68640.00	No.					2.5003	2.5003		171621
5.12	Contingency and Miscellaneous cost for signboards, photography, record keeping, monitoring, etc (max 2% of estimated cost)				Vr							28524	21482
	TOTAL FOR ADVANCE WORK (Yr)											1454738	1095588
FY-2	COMPLETION (2023-24)												
5.13.1	Wages for part nursery work (completion work in temporary nursery near plantation site to raise seedlings including 20% extra plants)			68640.00	No.				0.0109		3.9931	274086	
5.13.2	Material for part nursery work (completion work in temporary nursery near plantation site to raise seedlings including 20% extra plants)			68640.00	No.					0.3080	0.3080		21141
5.14.1	Wages for plantation work with movement of plants at site			57,200	No.				0.0320		11.7120	669926	
5.14.2	Material for plantation work (including 10gm DAP per plant and insecticide)			57,200	No.					0.4950	0.4950		28314
5.16	Weeding-hoeing 2 times in hard soil												
5.16.1	Wages for 1st weeding-hoeing in hard soil , application of 10 gm urea per plant, replacement of dead plants (weeding in 3 ft radius and hoeing in 1.5 ft radius)			57,200	No.				0.0210		7.6860	439639	
5.16.2	Material (10 gm urea per plant) for 1st weeding-hoeing			57,200	No.					0.1650	0.1650		9438
5.16.3	Wages for 2nd weeding-hoeing in hard soil , application of 10 gm urea per plant, replacement of dead plants (weeding in 3 ft radius and hoeing in 1.5 ft radius)			57,200	No.				0.0140		5.1240	293093	

NAME OF THE RANGE										Wages Rate		366
										Gaya		
				No.						0.1650	0.1650	9438
5.16.4	Material (10 gm urea per plant) for 2nd weeding-hoeing		57,200									
5.17.1	Wages for seed sowing on trench fence bunds and contour trench bunds		265	chain	0.5000	183.0000				183.0000	48495	
5.17.2	Material for seed sowing on trench fence bunds and contour trench bunds		265	chain						44.0000		11660
5.18	Protection per day for (August to March - 243 days)											
5.18.2	30 ha - 60 ha		243	Persons X Days	2.0000	732.0000				732.0000	177876	
5.19	Contingency and Miscellaneous cost for signboards, photography, record keeping, monitoring, etc (max 2% of estimated cost)			Vr							38062	1600
TOTAL FOR COMPLETION WORK (Yr)											1941178	81591
1st YEAR MAINTENANCE OF PLANTATION (2024-25)												
FY-3	Weeding-hoeing 2 times in hard soil											
5.21	Wages for 1st weeding-hoeing in hard soil, application of 10 gm urea per plant, replacement of dead plants (weeding in 3 ft radius and hoeing in 1.5 ft radius)		57,200	No.	0.0210	7.6860				7.6860	439639	
5.21.2	Material (10 gm urea per plant) for 1st weeding-hoeing		57,200	No.						0.1650		9438
5.21.3	Wages for 2nd weeding-hoeing in hard soil, application of 10 gm urea per plant, replacement of dead plants (weeding in 3 ft radius and hoeing in 1.5 ft radius)		57,200	No.	0.0140	5.1240				5.1240	293093	
5.21.4	Material (10 gm urea per plant) for 2nd weeding-hoeing		57,200	No.						0.1650		9438
5.22	Protection per day for (April to March - 365 days)											
5.22.2	30 ha - 60 ha		365	Persons X Days	2.0000	732.0000				732.0000	267180	
5.23	Trench repair		265	chain	3.0000	1098.0000				1098.0000	290970	
5.24	Contingency and Miscellaneous cost for signboards, photography, record keeping, monitoring, etc (max 2% of estimated cost)			Vr							25818	378
TOTAL FIRST YEAR MAINTENANCE											1316700	19254
2nd YEAR MAINTENANCE OF PLANTATION (2025-26)												
FY-4	Weeding-hoeing 2 times in hard soil											
5.26												

NAME OF THE RANGE					Wages Rate		366
					Gaya		
5.26.1	Wages for 1st weeding-hoeing in hard soil , application of 10 gm urea per plant, replacement of dead plants (weeding in 3 ft radius and hoeing in 1.5 ft	57,200	No.	0.0210	7.6860	7.6860	439639
5.26.2	Material (10 gm urea per plant) for 1st weeding-hoeing	57,200	No.			0.1650	9438
5.26.3	Wages for 2nd weeding-hoeing in hard soil , application of 10 gm urea per plant, replacement of	57,200	No.	0.0140	5.1240	5.1240	293093
5.26.4	Material (10 gm urea per plant) for 2nd weeding-hoeing	57,200	No.			0.1650	9438
5.27	Protection per day for (April to March - 365 days)						
5.27.2	30 ha - 60 ha	365	Persons X Days	2.0000	732.0000	732.0000	267180
5.28	Trench repair	265	per chain	3.0000	1098.0000	1098.0000	290970
5.29	Contingency and Miscellaneous cost for signboards, photography, record keeping, monitoring, etc (max 2% of estimated cost)		Vr				378
	TOTAL 2nd YEAR MAINTENANCE						19254
FY-5	3rd YEAR MAINTENANCE OF PLANTATION (2026-27)						
5.30	Protection per day for (April to March - 365 days)						
5.30.1	0 - 60 ha	365	Persons X Days	1.0000	366.0000	366.0000	133590
5.31	Contingency and Miscellaneous cost for signboards, photography, record keeping, monitoring, etc (max 2% of estimated cost)		Vr				2672
	TOTAL 3rd YEAR MAINTENANCE						136262
							0

SINO	Year wise work	Estimated Amount					Grand total
		Wages	Material	Total Amount	Mandays to be Generated	Increment in percentage	
1	ADVANCE WORK (2022-23)	1454738	1095588	2550326	3975	0%	2550326
2	COMPLETION WORK (2023-24)	1941178	81591	2022769	5304	10%	2216887
3	1ST YEAR MAINTENANCE (2024-25)	1316700	19253.52	1335953	3598	20%	1599293
4	2nd YEAR MAINTENANCE (2025-26)	1316700	19253.52	1335953	3598	30%	1730963
5	3rd YEAR MAINTENANCE (2026-27)	136262	0.00	136262	372	40%	190767
	Total	6165578	1215686	7381263	16846		8288236

Note:- 1. Above Estimate has been prepared based on SOR notified vide PCCF Order No. 6 dated 13/6/2022.

2. No Plantation has been carried out in last 10 Year in the proposed place.

10/9/22