

ESTIMATE FOR COMPENSATORY AFFORESTATION FOR CREATION AND MAINTENANCE OF 3.462 HECT (AR) PLANTATION AT DEOPANI RF UNDER SADIYA RANGE OF DOOMDOOMA DIVISION AGAINST THE DIVERSION PROPOSAL OF 1.731 HA. FOR DRILLING LOCATION SPAA OF ONGC.

Location: DEOPANI RF

Area in Hactre = 3.462
 SPACING (m x m) = 2 X 2
 No. of Saplings/ha = 2500
 Length of fence (RM) = 810
 Wage Rate for first year (Rs.) = 320
 Increase in wages rate for subsequent years by a factor = 1.1

Species to be planted: Simul, Siris, Khokon, Hollock, Sisoo, Lali, Poma, Seleng, Moss, Bhelkor, Gomari, Hengalu, Ghoraneem

Sl No	Particulars of works	Unit	Qty/Ha	Total Qty.	Rate/unit	Amount (in Rs.)	Applicable rate of GST /cess etc	
A	ERECTION OF FENCING						GST	Labour cess (1%)
	(a) Cost of full chain linked fencing (4 ft ht. with 10 Gauge, 3" dia link) with 3 strand barbed wire (one strand below the chain link and and two strand above the chain link) to be fitted on pre-cast RCC pillars of specific specification and size (2.1m X 0.125m X 0.125m) As per detail specification attached at 2.5m apart, including transportation fitting and fixing for 810 RM @ Rs.1260/per RM as per estimate	RMs	-	810	1260.00	1020600.00		
	Sub-total					10,20,600.00	1,43,394.00	10,206.00
B	INFRASTRUCTURE IN PLANTATION AREA							
	Cost of tools and implements	set	-	1	10000.00	10000.00		
	Cost of RCC signboard and gate including fitting and fixing of the same.	Nos.	-	1	40000.00	40000.00		
	Sub-total					50,000.00	6,000.00	500.00
C	ADVANCE WORK(including site nursery)							
	Raising of nursery for creation including vacancy filling for 3 (three) years (25% + 15%+10%) and site nursery mortality 15% by using polypots)	Nos.	4125	14281	10.00	142810.00		
	Site selection, surveying, demarcation, jungle cutting slash disposal etc 40 Dls/ha	Dls	40	138	320.00	44160.00		
	Sub-total					1,86,970.00		

D	CREATION						
	Soil working, carriage of stump, polypot seedlings & planting at the plantation site including dibbling of seeds wherever necessary to complete raising of plantation with all necessary operations @ 50 DLs/ha.	DLs	50	173	320.00	55360.00	
					Sub-total	55,360.00	
E	1st YEAR MAINTENANCE						
	4 weeding, mulching and fire protection work @25 dls/ha/weeding	Dls	100	346	320.00	110720.00	
	Contingency	Ls				5000.00	
					Sub-total	1,15,720.00	
F	2nd YEAR MAINTENANCE						
	4 weedings, mulching fire protection works @ 25 DLs/ha /weeding	DLs	100	346	352.00	121792.00	
	25% vacancy filling by 1 year old seedlings from nursery @ 28 DLs/ha	DLs	28	97	352.00	34144.00	
	Maintenance & protection by way of deploying of watch and ward for site nursery & plantation area (1 DL for 365 days)	DLs	1	365	352.00	128480.00	
	Contingency L.S.	L.S.				5000.00	
					Sub-total	2,89,416.00	
G	3rd YEAR MAINTENANCE						
	4 weedings, mulching fire protection works @ 20 DLs/ha /weeding	DLs	80	277	387.00	107199.00	
	15% vacancy filling by 2 year old seedlings from nursery @ 23 DLs/ha	DLs	23	80	387.00	30960.00	
	Maintenance & protection by way of deploying of watch and ward for site nursery & plantation area (1 DL for 365 days)	DLs	1	365	387.00	141255.00	
	Contingency	LS				5000.00	
					Sub-total	2,84,414.00	
H	4th YEAR MAINTENANCE						
	3 weedings, fire protection works @ 15 DLs/ha /weeding	DLs	45	156	426.00	66456.00	
	Maintenance & protection by way of deploying of watch and ward for site nursery & plantation area (1 DL for 365 days)	DLs	1	365	426.00	155490.00	
	Contingency	LS				5000.00	
					Sub-total	2,26,946.00	

	5th YEAR MAINTENANCE							
	Climber cutting, 3 weeding and other silvicultural works & fire protection works @ 15 DLs/ha	DLs	45	156	469.00	73164.00		
	Maintenance & protection by way of deploying of watch and ward for site nursery & plantation area (1 DL for 365 days)	DLs	1	365	469.00	171185.00		
	Contingency	LS				5000.00		
	Sub-total					2,49,349.00		
J	6th YEAR MAINTENANCE							
	Repairing of chainlink fencing	LS				25000.00		
	1 st mechanical thinning of alternate single strips in the plantation 1250Nos.of stems/ha	DLs	62	215	516.00	110940.00		
	Climbers cutting, silvicultural works and fire protection works @10DLs/ha	Dls	10	35	516.00	18060.00		
	Maintenance of camp hut, implements, upkeepment of plantation signboard, documents and upkeepment of records etc	L.S.				5000.00		
	Contingency	L.S.				9000.00		
	Sub-total					1,68,000.00		
K	7th YEAR MAINTENANCE							
	Climber cutting, silvicultural works & fire protection works @ 10 DLs/ha	DLs	10	35	568.00	19880.00		
	Maintenance of camp hut, implement of plantation signboard, documentation and upkeepment of records etc	LS				5000.00		
	Contingency	L.S.				5000.00		
	Sub-total					29,880.00		
L	8th YEAR MAINTENANCE							
	Climber cutting, silvicultural works & fire protection works @ 10 DLs/ha	DLs	10	35	625.00	21875.00		
	Maintenance of camp hut, implement of plantation signboard, documentation and upkeepment of records etc	LS				5000.00		
	Contingency	L.S.				5000.00		
	Sub-total					31,875.00		

1	9th YEAR MAINTENANCE							
	Climber cutting, silvicultural works & fire protection works @ 10 DLs/ha	DLs	10	35	688.00	24080.00		
	Maintenance of camp hut, implement of plantation signboard, documentation and upkeepment of records etc	LS				5000.00		
	Contingency	L.S.				5000.00		
	Sub-total					34,080.00		
N	10th YEAR MAINTENANCE							
	Climber cutting, silvicultural works & fire protection works @ 10 DLs/ha	DLs	10	35	757.00	26495.00		
	Maintenance of camp hut, implement of plantation signboard, documentation and upkeepment of records etc	LS				5000.00		
	Contingency	L.S.				5000.00		
	Sub-total					36,495.00		
	Total					27,79,105.00		
	Overhead cost @50% of the total cost					13,89,553.00		
	GST @14.05% and Cess @1% of Sl. No. A					1,53,600.00		
	GST @12% and Cess @1% of Sl. No. B					6,500.00		
	Grand total (rounded off)					43,28,758.00		

(Rupees Forty three lakh twenty eight thousand seven hundred fifty eight) only

Technically Approved

Deputy Conservator of Forest
o/o Conservator of Forest
E.A.C. Jorhat

07.05.2022.

Submitted

Divisional Forest Officer,
Doomdooma Division,
Doomdooma

Divisional Forest Officer
Doomdooma Division
Doomdooma

ABSTRACT

Sl No.	Items	Amount(in Rs.)
1	A. Erection of fencing	10,20,600.00
	B. Infrastructure in plantation area.	50,000.00
	C. Advance work.	1,86,970.00
	D. creation.	55,360.00
2	E. 1 st year maintenance	1,15,720.00
3	F. 2 nd year maintenance	2,89,416.00
4	G. 3 rd year maintenance	2,84,414.00
5	H. 4 th year maintenance	2,26,946.00
6	I. 5 th year maintenance	2,49,349.00
7	J. 6 th year maintenance	1,68,000.00
8	K. 7 th year maintenance	29,880.00
9	L. 8 th year maintenance	31,875.00
10	M. 9 th year maintenance	34,080.00
11	N. 10 th year maintenance	36,495.00
	Total	27,79,105.00
	Overhead cost @50% of the total cost	13,89,553.00
	GST @14.05% and Cess @1% of Sl. No. A	1,53,600.00
	GST @12% and Cess @1% of Sl. No. B	6,500.00
	Grand total (rounded off)	43,28,758.00

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