

ESTIMATE FOR COMPENSATORY AFFORESTATION FOR CREATION AND MAINTENANCE OF 4.4182 HECT (AR) PLANTATION AT DEOPANI RF UNDER SADIYA RANGE OF DOOMDOOMA DIVISION AGAINST THE DIVERSION PROPOSAL OF 2.2091 HA. FOR DRILLING LOCATION ELAJ OF ONGC.

Location: DEOPANI RF

Area in Hactre = 4.4182
 SPACING (m x m) = 2 X 2
 No. of Saplings/ha = 2500
 Length of fence (RM) = 887
 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, Bhekor, Gomari, Hengalu, Ghoraneem

Sl No	Particulars of works	Unit	Qty/Ha	Total Qty.	Rate/unit	Amount (in Rs.)	Applicable rate of GST /cess etc	
							GST	Labour cess (1%)
A	ERECTION OF FENCING							
	(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 887 RM @ Rs.1260/per RM as per estimate	RMs	-	887	1260.00	1117620.00		
	Sub-total					11,17,620.00	1,57,026.00	11,176.00
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	18225	10.00	182250.00		
	Site selection, surveying, demarcation, jungle cutting slash disposal etc 40 Dls ha	Dls	40	177	320.00	56640.00		
	Sub-total					2,38,890.00		

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	221	320.00	70720.00		
	Sub-total					70,720.00		
E	1st YEAR MAINTENANCE							
	4 weeding, mulching and fire protection work @25 dls/ha/weeding	Dls	100	442	320.00	141440.00		
	Contingency	Ls				5000.00		
	Sub-total					1,46,440.00		
F	2nd YEAR MAINTENANCE							
	4 weedings, mulching fire protection works @ 25 DLs/ha /weeding	DLs	100	442	352.00	155584.00		
	25% vacancy filling by 1 year old seedlings from nursery @ 28 DLs/ha	DLs	28	124	352.00	43648.00		
	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					3,32,712.00		
G	3rd YEAR MAINTENANCE							
	4 weedings, mulching fire protection works @ 20 DLs/ha /weeding	DLs	80	353	387.00	136611.00		
	15% vacancy filling by 2 year old seedlings from nursery @ 23 DLs/ha	DLs	23	102	387.00	39474.00		
	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					3,22,340.00		
H	4th YEAR MAINTENANCE							
	3 weedings, fire protection works @ 15 DLs/ha /weeding	DLs	45	199	426.00	84774.00		
	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					2,45,264.00		

I	5th YEAR MAINTENANCE							
	Climber cutting, 3 weeding and other silvicultural works & fire protection works @ 15 DLs/ha	DLs	45	199	469.00	93331.00		
	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					2,69,516.00		
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	274	516.00	141384.00		
	Climbers cutting, silvicultural works and fire protection works @10DLs/ha	Dls	10	44	516.00	22704.00		
	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					2,03,088.00		
K	7th YEAR MAINTENANCE							
	Climber cutting, silvicultural works & fire protection works @ 10 DLs/ha	DLs	10	44	568.00	24992.00		
	Maintenance of camp hut, implement of plantation signboard, documentation and upkeepment of records etc	LS				5000.00		
	Contingency	L.S.				5000.00		
	Sub-total					34,992.00		
L	8th YEAR MAINTENANCE							
	Climber cutting, silvicultural works & fire protection works @ 10 DLs/ha	DLs	10	44	625.00	27500.00		
	Maintenance of camp hut, implement of plantation signboard, documentation and upkeepment of records etc	LS				5000.00		
	Contingency	L.S.				5000.00		
	Sub-total					37,500.00		

M	9th YEAR MAINTENANCE							
	Climber cutting, silvicultural works & fire protection works @ 10 DLs/ha	DLs	10	44	688.00	30272.00		
	Maintenance of camp hut, implement of plantation signboard, documentation and upkeepment of records etc	LS				5000.00		
	Contingency	L.S.				5000.00		
	Sub-total					40,272.00		
N	10th YEAR MAINTENANCE							
	Climber cutting, silvicultural works & fire protection works @ 10 DLs/ha	DLs	10	44	757.00	33308.00		
	Maintenance of camp hut, implement of plantation signboard, documentation and upkeepment of records etc	LS				5000.00		
	Contingency	L.S.				5000.00		
	Sub-total					43,308.00		
	Total					31,52,662.00		
	Overhead cost @50% of the total cost					15,76,331.00		
	GST @14.05% and Cess @1% of Sl. No. A					1,68,202.00		
	GST @12% and Cess @1% of Sl. No. B					6,500.00		
	Grand total (rounded off)					49,03,695.00		

(Rupees Forty nine lakh three thousand six hundred ninety five) only

Technically Approved

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

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	11,17,620.00
	B. Infrastructure in plantation area.	50,000.00
	C. Advance work.	2,38,890.00
	D. creation.	70,720.00
2	E. 1 st year maintenance	1,46,440.00
3	F. 2 nd year maintenance	3,32,712.00
4	G. 3 rd year maintenance	3,22,340.00
5	H. 4 th year maintenance	2,45,264.00
6	I. 5 th year maintenance	2,69,516.00
7	J. 6 th year maintenance	2,03,088.00
8	K. 7 th year maintenance	34,992.00
9	L. 8 th year maintenance	37,500.00
10	M. 9 th year maintenance	40,272.00
11	N. 10 th year maintenance	43,308.00
	Total	31,52,662.00
	Overhead cost @50% of the total cost	15,76,331.00
	GST @14.05% and Cess @1% of Sl. No. A	1,68,202.00
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	Grand total (rounded off)	49,03,695.00

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