

ESTIMATE FOR COMPENSATORY AFFORESTATION FOR CREATION AND MAINTENANCE OF 3.562 HECT (AR) PLANTATION AT DEOPANI RF UNDER SADIYA RANGE OF DOOMDOOMA DIVISION AGAINST THE DIVERSION PROPOSAL OF 1.781 HA. FOR DRILLING LOCATION TLAB OF ONGC.

Location: DEOPANI RF

Area in Hactre = 3.562

SPACING (m x m) = 2 X 2

No. of Saplings/ha = 2500

Length of fence (RM) = 838

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

SI 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 838 RM @ Rs.1260/per RM as per estimate	RMs	-	838	1260.00	1055880.00		
	Sub-total					10,55,880.00	1,48,351.00	10,559.00
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	14693	10.00	146930.00		
	Site selection, surveying, demarcation, jungle cutting slash disposal etc 40 Dls/ha	Dls	40	142	320.00	45440.00		
	Sub-total					1,92,370.00		

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	178	320.00	56960.00	
					<i>Sub-total</i>	56,960.00	
E	1st YEAR MAINTENANCE						
	4 weeding, mulching and fire protection work @25 dls/ha/weeding	Dls	100	358	320.00	114560.00	
	Contingency	Ls				5000.00	
					<i>Sub-total</i>	1,19,560.00	
F	2nd YEAR MAINTENANCE						
	4 weedings, mulching fire protection works @ 25 DLs/ha /weeding	DLs	100	356	352.00	125312.00	
	25% vacancy filling by 1 year old seedlings from nursery @ 28 DLs/ha	DLs	28	100	352.00	35200.00	
	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	
					<i>Sub-total</i>	2,93,992.00	
G	3rd YEAR MAINTENANCE						
	4 weedings, mulching fire protection works @ 20 DLs/ha /weeding	DLs	80	285	387.00	110295.00	
	15% vacancy filling by 2 year old seedlings from nursery @ 23 DLs/ha	DLs	23	82	387.00	31734.00	
	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	
					<i>Sub-total</i>	2,88,284.00	
H	4th YEAR MAINTENANCE						
	3 weedings, fire protection works @ 15 DLs/ha /weeding	DLs	45	160	426.00	68160.00	
	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	
					<i>Sub-total</i>	2,28,650.00	

I	5th YEAR MAINTENANCE							
	Climber cutting, 3 weeding and other silvicultural works & fire protection works @ 15 DLs/ha	DLs	45	160	469.00	75040.00		
	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					2,51,225.00		
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	221	516.00	114036.00		
	Climbers cutting, silvicultural works and fire protection works @10DLs/ha	Dls	10	36	516.00	18576.00		
	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					1,71,612.00		
K	7th YEAR MAINTENANCE							
	Climber cutting, silvicultural works & fire protection works @ 10 DLs/ha	DLs	10	36	568.00	20448.00		
	Maintenance of camp hut, implement of plantation signboard, documentation and upkeepment of records etc	LS				5000.00		
	Contingency	L.S.				5000.00		
	Sub-total					30,448.00		
L	8th YEAR MAINTENANCE							
	Climber cutting, silvicultural works & fire protection works @ 10 DLs/ha	DLs	10	36	625.00	22500.00		
	Maintenance of camp hut, implement of plantation signboard, documentation and upkeepment of records etc	LS				5000.00		
	Contingency	L.S.				5000.00		
	Sub-total					32,500.00		

M	9th YEAR MAINTENANCE							
	Climber cutting, silvicultural works & fire protection works @ 10 DLs/ha	DLs	10	36	688.00	24768.00		
	Maintenance of camp hut, implement of plantation signboard, documentation and upkeepment of records etc	LS				5000.00		
	Contingency	L.S.				5000.00		
	Sub-total					34,768.00		
N	10th YEAR MAINTENANCE							
	Climber cutting, silvicultural works & fire protection works @ 10 DLs/ha	DLs	10	36	757.00	27252.00		
	Maintenance of camp hut, implement of plantation signboard, documentation and upkeepment of records etc	LS				5000.00		
	Contingency	L.S.				5000.00		
	Sub-total					37,252.00		
	Total					28,43,501.00		
	Overhead cost @50% of the total cost					14,21,751.00		
	GST @14.05% and Cess @1% of Sl. No. A					1,58,910.00		
	GST @12% and Cess @1% of Sl. No. B					6,500.00		
	Grand total (rounded off)					44,30,662.00		

(Rupees Forty four lakh thirty thousand six hundred sixty two) only.

Technically Approved

[Signature]
07.05.2022
Deputy Conservator of Forest
o/o Conservator of Forest
E.A.C., Jorhat

Submitted

[Signature]
Divisional Forest Officer,
Doomdooma Division,
Doomdooma
Divisional Forest Officer
Doomdooma Division
Doomdooma

ABSTRACT

Sl No.	Items	Amount(in Rs.)
1	A. Erection of fencing	10,55,880.00
	B. Infrastructure in plantation area.	50,000.00
	C. Advance work.	1,92,370.00
	D. creation.	56,960.00
2	E. 1st year maintenance	1,19,560.00
3	F. 2nd year maintenance	2,93,992.00
4	G. 3rd year maintenance	2,88,284.00
5	H. 4th year maintenance	2,28,650.00
6	I. 5th year maintenance	2,51,225.00
7	J. 6th year maintenance	1,71,612.00
8	K. 7th year maintenance	30,448.00
9	L. 8th year maintenance	32,500.00
10	M. 9th year maintenance	34,768.00
11	N. 10th year maintenance	37,252.00
	Total	28,43,501.00
	Overhead cost @50% of the total cost	14,21,751.00
	GST @14.05% and Cess @1% of Sl. No. A	1,58,910.00
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