

**ESTIMATE FOR COMPENSATORY AFFORESTATION FOR CREATION AND MAINTENANCE OF 3.5776 HECT (AR) PLANTATION AT DEOPANI RF UNDER SADIYA RANGE OF DOOMDOOMA DIVISION AGAINST THE DIVERSION PROPOSAL OF 1.7888 HA. FOR DRILLING LOCATION NRAH OF ONGC.**

**Location: DEOPANI RF**

Area in Hactre = 3.5776  
 SPACING (m x m) = 2 X 2  
 No. of Saplings/ha = 2500  
 Length of fence (RM) = 846  
 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	<b>ERECTION OF FENCING</b>						<b>GST</b>	<b>Labour cess (1%)</b>
	(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 846 RM @ Rs.1260/per RM as per estimate	RMs	-	846	1260.00	1065960.00		
	<b>Sub-total</b>					<b>10,65,960.00</b>	<b>1,49,767.00</b>	<b>10,660.00</b>
B	<b>INFRASTRUCTURE IN PLANTATION AREA</b>							
	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		
	<b>Sub-total</b>					<b>50,000.00</b>	<b>6,000.00</b>	<b>500.00</b>
C	<b>ADVANCE WORK( including site nursery)</b>							
	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	14758	10.00	147580.00		
	Site selection, surveying, demarcation, jungle cutting slash disposal etc 40 Dls/ha	Dls	40	143	320.00	45760.00		
	<b>Sub-total</b>					<b>1,93,340.00</b>		



D	<b>CREATION</b>							
	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	179	320.00	57280.00		
	<i>Sub-total</i>					<b>57,280.00</b>		
E	<b>1st YEAR MAINTENANCE</b>							
	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>					<b>1,19,560.00</b>		
F	<b>2nd YEAR MAINTENANCE</b>							
	4 weedings, mulching fire protection works @ 25 DLs/ha /weeding	DLs	100	358	352.00	126016.00		
	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>					<b>2,94,696.00</b>		
G	<b>3rd YEAR MAINTENANCE</b>							
	4 weedings, mulching fire protection works @ 20 DLs/ha /weeding	DLs	80	286	387.00	110682.00		
	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>					<b>2,88,671.00</b>		
H	<b>4th YEAR MAINTENANCE</b>							
	3 weedings, fire protection works @ 15 DLs/ha /weeding	DLs	45	161	426.00	68586.00		
	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>					<b>2,29,076.00</b>		



<b>5th YEAR MAINTENANCE</b>								
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			
<b>Sub-total</b>					<b>2,51,225.00</b>			
<b>6th YEAR MAINTENANCE</b>								
Repairing of chainlink fencing	LS				25000.00			
1 <sup>st</sup> mechanical thinning of alternate single strips in the plantation 1250Nos.of stems/ha	DLs	62	222	516.00	114552.00			
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			
<b>Sub-total</b>					<b>1,72,128.00</b>			
<b>7th YEAR MAINTENANCE</b>								
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			
<b>Sub-total</b>					<b>30,448.00</b>			
<b>8th YEAR MAINTENANCE</b>								
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			
<b>Sub-total</b>					<b>32,500.00</b>			



M	<b>9th YEAR MAINTENANCE</b>							
	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		
	<b>Sub-total</b>					<b>34,768.00</b>		
N	<b>10th YEAR MAINTENANCE</b>							
	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		
	<b>Sub-total</b>					<b>37,252.00</b>		
	<b>Total</b>					<b>28,56,904.00</b>		
	<b>Overhead cost @50% of the total cost</b>					<b>14,28,452.00</b>		
	<b>GST @14.05% and Cess @1% of Sl. No. A</b>					<b>1,60,427.00</b>		
	<b>GST @12% and Cess @1% of Sl. No. B</b>					<b>6,500.00</b>		
	<b>Grand total (rounded off)</b>					<b>44,52,283.00</b>		

(Rupees Forty four lakh fifty two thousand two hundred eighty three) only

**Technically Approved**

  
07.05.2022

Deputy Conservator of Forest  
O/o 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	10,65,960.00
	B. Infrastructure in plantation area.	50,000.00
	C. Advance work.	1,93,340.00
	D. creation.	57,280.00
2	E. 1 <sup>st</sup> year maintenance	1,19,560.00
3	F. 2 <sup>nd</sup> year maintenance	2,94,696.00
4	G. 3 <sup>rd</sup> year maintenance	2,88,671.00
5	H. 4 <sup>th</sup> year maintenance	2,29,076.00
6	I. 5 <sup>th</sup> year maintenance	2,51,225.00
7	J. 6 <sup>th</sup> year maintenance	1,72,128.00
8	K. 7 <sup>th</sup> year maintenance	30,448.00
9	L. 8 <sup>th</sup> year maintenance	32,500.00
10	M. 9 <sup>th</sup> year maintenance	34,768.00
11	N. 10 <sup>th</sup> year maintenance	37,252.00
	<b>Total</b>	<b>28,56,904.00</b>
	<b>Overhead cost @50% of the total cost</b>	<b>14,28,452.00</b>
	<b>GST @14.05% and Cess @1% of Sl. No. A</b>	<b>1,60,427.00</b>
	<b>GST @12% and Cess @1% of Sl. No. B</b>	<b>6,500.00</b>
	<b>Grand total (rounded off)</b>	<b>44,52,283.00</b>

(Rupees Forty four lakh fifty two thousand two hundred eighty three) only

Submitted

Divisional Forest Officer,  
Doomdooma Division,  
Doomdooma

**Divisional Forest Officer**  
**Doomdooma Division**  
**Doomdooma**