

**ESTIMATE FOR COMPENSATORY AFFORESTATION FOR CREATION AND MAINTENANCE OF 3.53566 HECT (AR) PLANTATION AT DEOPANI RF UNDER SADIYA RANGE OF DOOMDOOMA DIVISION AGAINST THE DIVERSION PROPOSAL OF 1.76783 HA. FOR DRILLING LOCATION TLAA OF ONGC.**

**Location: DEOPANI RF**

Area in Hactre = 3.53566

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, Sins, 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 |                         |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------|------------|-----------|---------------------|----------------------------------|-------------------------|
|          |                                                                                                                                                                                                                                                                                                                                                                                                                              |      |        |            |           |                     | <b>GST</b>                       | <b>Labour cess (1%)</b> |
| <b>A</b> | <b>ERECTION OF FENCING</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 838 RM @ Rs.1260/per RM as per estimate | RMs  | -      | 838        | 1260.00   | 1055880.00          |                                  |                         |
|          | <b>Sub-total</b>                                                                                                                                                                                                                                                                                                                                                                                                             |      |        |            |           | <b>10,55,880.00</b> | <b>1,48,351.00</b>               | <b>10,559.00</b>        |
| <b>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>           |
| <b>C</b> | <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   | 14585      | 10.00     | 145850.00           |                                  |                         |
|          | Site selection, surveying, demarcation, jungle cutting slash disposal etc 40 Dls/ha                                                                                                                                                                                                                                                                                                                                          | Dls  | 40     | 141        | 320.00    | 45120.00            |                                  |                         |
|          | <b>Sub-total</b>                                                                                                                                                                                                                                                                                                                                                                                                             |      |        |            |           | <b>1,90,970.00</b>  |                                  |                         |



|          |                                                                                                                                                                                                                  |      |     |     |                  |                    |  |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|-----|------------------|--------------------|--|
| <b>D</b> | <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  | 177 | 320.00           | 56640.00           |  |
|          |                                                                                                                                                                                                                  |      |     |     | <i>Sub-total</i> | <b>56,640.00</b>   |  |
| <b>E</b> | <b>1st YEAR MAINTENANCE</b>                                                                                                                                                                                      |      |     |     |                  |                    |  |
|          | 4 weeding, mulching and fire protection work @25 dls/ha/weeding                                                                                                                                                  | Dls  | 100 | 354 | 320.00           | 113280.00          |  |
|          | Contingency                                                                                                                                                                                                      | Ls   |     |     |                  | 5000.00            |  |
|          |                                                                                                                                                                                                                  |      |     |     | <i>Sub-total</i> | <b>1,18,280.00</b> |  |
| <b>F</b> | <b>2nd YEAR MAINTENANCE</b>                                                                                                                                                                                      |      |     |     |                  |                    |  |
|          | 4 weedings, mulching fire protection works @ 25 DLs/ha /weeding                                                                                                                                                  | DLs  | 100 | 354 | 352.00           | 124608.00          |  |
|          | 25% vacancy filling by 1 year old seedlings from nursery @ 28 DLs/ha                                                                                                                                             | DLs  | 28  | 99  | 352.00           | 34848.00           |  |
|          | 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>2,92,936.00</b> |  |
| <b>G</b> | <b>3rd YEAR MAINTENANCE</b>                                                                                                                                                                                      |      |     |     |                  |                    |  |
|          | 4 weedings, mulching fire protection works @ 20 DLs/ha /weeding                                                                                                                                                  | DLs  | 80  | 283 | 387.00           | 109521.00          |  |
|          | 15% vacancy filling by 2 year old seedlings from nursery @ 23 DLs/ha                                                                                                                                             | DLs  | 23  | 81  | 387.00           | 31347.00           |  |
|          | 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>2,87,123.00</b> |  |
| <b>H</b> | <b>4th YEAR MAINTENANCE</b>                                                                                                                                                                                      |      |     |     |                  |                    |  |
|          | 3 weedings, fire protection works @ 15 DLs/ha weeding                                                                                                                                                            | DLs  | 45  | 159 | 426.00           | 67734.00           |  |
|          | 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>2,28,224.00</b> |  |



|   |                                                                                                                       |      |    |     |                  |                    |  |  |
|---|-----------------------------------------------------------------------------------------------------------------------|------|----|-----|------------------|--------------------|--|--|
| I | <b>5th YEAR MAINTENANCE</b>                                                                                           |      |    |     |                  |                    |  |  |
|   | Climber cutting, 3 weeding and other silvicultural works & fire protection works @ 15 DLs/ha                          | DLs  | 45 | 159 | 469.00           | 74571.00           |  |  |
|   | 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          |  |  |
|   |                                                                                                                       |      |    |     |                  | 5000.00            |  |  |
|   | Contingency                                                                                                           | LS   |    |     | <b>Sub-total</b> | <b>2,50,756.00</b> |  |  |
| J | <b>6th YEAR MAINTENANCE</b>                                                                                           |      |    |     |                  |                    |  |  |
|   | Repairing of chainlink fencing                                                                                        | LS   |    |     |                  | 25000.00           |  |  |
|   | 1st mechanical thinning of alternate single strips in the plantation 1250Nos.of stems/ha                              | DLs  | 62 | 219 | 516.00           | 113004.00          |  |  |
|   | 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            |  |  |
|   |                                                                                                                       |      |    |     |                  | 9000.00            |  |  |
|   | Contingency                                                                                                           | L.S. |    |     | <b>Sub-total</b> | <b>1,70,064.00</b> |  |  |
| K | <b>7th YEAR MAINTENANCE</b>                                                                                           |      |    |     |                  |                    |  |  |
|   | 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            |  |  |
|   |                                                                                                                       |      |    |     |                  | 5000.00            |  |  |
|   | Contingency                                                                                                           | L.S. |    |     | <b>Sub-total</b> | <b>29,880.00</b>   |  |  |
| L | <b>8th YEAR MAINTENANCE</b>                                                                                           |      |    |     |                  |                    |  |  |
|   | 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            |  |  |
|   |                                                                                                                       |      |    |     |                  | 5000.00            |  |  |
|   | Contingency                                                                                                           | L.S. |    |     | <b>Sub-total</b> | <b>31,875.00</b>   |  |  |



|                                                                                                         |      |    |    |                                                |                     |                     |  |
|---------------------------------------------------------------------------------------------------------|------|----|----|------------------------------------------------|---------------------|---------------------|--|
| <b>M 9th YEAR MAINTENANCE</b>                                                                           |      |    |    |                                                |                     |                     |  |
| 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             |                     |  |
|                                                                                                         |      |    |    |                                                | 5000.00             |                     |  |
| Contingency                                                                                             | L.S. |    |    |                                                |                     |                     |  |
|                                                                                                         |      |    |    | <b>Sub-total</b>                               | <b>34,080.00</b>    |                     |  |
| <b>N 10th YEAR MAINTENANCE</b>                                                                          |      |    |    |                                                |                     |                     |  |
| 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             |                     |  |
|                                                                                                         |      |    |    |                                                | 5000.00             |                     |  |
| Contingency                                                                                             | L.S. |    |    |                                                |                     |                     |  |
|                                                                                                         |      |    |    | <b>Sub-total</b>                               | <b>36,495.00</b>    |                     |  |
|                                                                                                         |      |    |    | <b>Total</b>                                   | <b>28,33,203.00</b> |                     |  |
|                                                                                                         |      |    |    | <b>Overhead cost @ 50% of the total cost</b>   |                     | <b>14,16,602.00</b> |  |
|                                                                                                         |      |    |    | <b>GST @ 14.05% and Cess @ 1% of Sl. No. A</b> |                     | <b>1,58,910.00</b>  |  |
|                                                                                                         |      |    |    | <b>GST @ 12% and Cess @ 1% of Sl. No. B</b>    |                     | <b>6,500.00</b>     |  |
|                                                                                                         |      |    |    | <b>Grand total (rounded off)</b>               |                     | <b>44,15,215.00</b> |  |

(Rupees Forty four lakh fifteen thousand two hundred fifteen) only.

**Technically Approved**

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

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

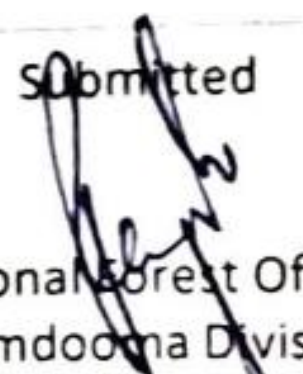
Divisional Forest Officer  
Doomdooma Division  
Doomdooma



**ABSTRACT**

| Sl No. | Items                                 | Amount( in Rs.)     |
|--------|---------------------------------------|---------------------|
| 1      | A. Erection of fencing                | 10,55,880.00        |
|        | B. Infrastructure in plantation area. | 50,000.00           |
|        | C. Advance work.                      | 1,90,970.00         |
|        | D. creation.                          | 56,640.00           |
| 2      | E. 1 <sup>st</sup> year maintenance   | 1,18,280.00         |
| 3      | F. 2 <sup>nd</sup> year maintenance   | 2,92,936.00         |
| 4      | G. 3 <sup>rd</sup> year maintenance   | 2,87,123.00         |
| 5      | H. 4 <sup>th</sup> year maintenance   | 2,28,224.00         |
| 6      | I. 5 <sup>th</sup> year maintenance   | 2,50,756.00         |
| 7      | J. 6 <sup>th</sup> year maintenance   | 1,70,064.00         |
| 8      | K. 7 <sup>th</sup> year maintenance   | 29,880.00           |
| 9      | L. 8 <sup>th</sup> year maintenance   | 31,875.00           |
| 10     | M. 9 <sup>th</sup> year maintenance   | 34,080.00           |
| 11     | N. 10 <sup>th</sup> year maintenance  | 36,495.00           |
|        | <b>Total</b>                          | <b>28,33,203.00</b> |
|        | Overhead cost @50% of the total cost  | 14,16,602.00        |
|        | 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            |
|        | <b>Grand total (rounded off)</b>      | <b>44,15,215.00</b> |

(Rupees Forty four lakh fifteen thousand two hundred fifteen) only.

Submitted  
  
Divisional Forest Officer,  
Doomdooma Division,  
Doomdooma

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