

**Biological measures for stabilizaton of muck dumping site Construction of road  
from Bawa to Mangit(Dumping site Area A =0.05 ha)**

| S.No. | Item of work  | Unit  | Actual Quantity | Rate  | Actual amount    |
|-------|---|-------|-----------------|-------|------------------|
| 1     | <b>Fencing</b> :- Using Square fence post conforming to product code PCFP-3 at spacing of 10' & 5 strands of Galvanized Barbed wire with 2 Criss cross conforming to the product code GA-BW all fence post be fixed in the cement concrete 1:3:6 (1 Cement: 3 coarse sand: 6 stone aggregate 40 mm nominal size) block of size 1'6"x1'x1' | Rft.  | 400             | 100   | 40000            |
| 2     | <b>Afforestation ( 1st year)</b>  |       |                 |       |                  |
| i.    | <b>Plantation</b> :- Poly bagged Planting of fast-growing soil binding local species (Trees/ Shrubs) in pits of size (45x45x45) cm in staggered fashion along the contour   | Nos.  | 100             | 29.34 | 2934             |
| ii.   | <b>Agave</b> :- Agave bulbs planted between interspaces of plants, open spaces and along the fence line of size.  | Nos.  | 0               | 15.45 | 0                |
| iii   | <b>Grass slips</b> :- (Soil binding grasses Viz: vetivers, Napier, Saccharum munja & Arundo donax)  | Nos.  | 4000            | 6.35  | 25400            |
| iv    | <b>Cutting</b> :- Ipomea/ Vitex/ Popular/ Salix/ Mulberry etc (area specific)   | Nos.  | 500             | 6     | 3000             |
| v     | <b>Seed ball</b> :- Broad casting/ dibbling of seed balls   | Nos.  | 1000            | 2.35  | 2350             |
| vi    | Dibbling:Dibbling of seeds of oak, Ascelus etc.   | Nos.  | 100             | 7.18  | 718              |
|       | <b>Total</b>  |       |                 |       | <b>34402</b>     |
| 3     | <b>Maintenance for 9 years</b> : 2nd year @ 25% + 3rd year @ 10% + 4th year to 10th year 7x @ 5% = 70 % of afforestation  | Year  |                 |       | <b>24081.4</b>   |
| 4     | <b>Geo Textile Mat</b>  | Sq.M. |                 | 300   | 0                |
|       | <b>Total ( 1+2+3+4)</b>   |       |                 |       | <b>98483.4</b>   |
| 5     | Overhead 10% of total   |       |                 |       | <b>9848.34</b>   |
|       | <b>Grand Total</b>  |       |                 |       | <b>108331.74</b> |

Say 1.08

Lacs


  
 Block Officer Mohu  
**MUHD RAFIQ MOHU**  
 Block Forest Officer  
 Block Mohu

**Range Officer Banihal**  
**Range Officer**  
**Forest Banihal**

Divisional Forest Officer  
 Ramban Forest Division  
 Ramban

**Biological measures for stabilizaton of muck dumping site Construction of road  
from Bawa to Mangit(Dumping site Area B=0.05 ha)**

| S.No. | Item of work  | Unit  | Actual Quantity | Rate  | Actual amount    |
|-------|---|-------|-----------------|-------|------------------|
| 1     | <b>Fencing</b> :- Using Square fence post conforming to product code PCFP-3 at spacing of 10' & 5 strands of Galvanized Barbed wire with 2 Criss cross conforming to the product code GA-BW all fence post be fixed in the cement concrete 1:3:6 (1 Cement: 3 coarse sand: 6 stone aggregate 40 mm nominal size) block of size 1'6"x1'x1' | Rft.  | 400             | 100   | 40000            |
| 2     | <b>Afforestation ( 1st year)</b>  |       |                 |       |                  |
| i.    | <b>Plantation</b> :- Poly bagged Planting of fast-growing soil binding local species (Trees/ Shrubs) in pits of size (45x45x45) cm in staggered fashion along the contour   | Nos.  | 100             | 29.34 | 2934             |
| ii.   | <b>Agave</b> :- Agave bulbs planted between interspaces of plants, open spaces and along the fence line of size.  | Nos.  | 0               | 15.45 | 0                |
| iii   | <b>Grass slips</b> :- (Soil binding grasses Viz: vetivers, Napier, Saccharum munja & Arundo donax)  | Nos.  | 4000            | 6.35  | 25400            |
| iv    | <b>Cutting</b> :- Ipomea/ Vitex/ Popular/ Salix/ Mulberry etc (area specific)   | Nos.  | 500             | 6     | 3000             |
| v     | <b>Seed ball</b> :- Broad casting/ dibbling of seed balls   | Nos.  | 1000            | 2.35  | 2350             |
| vi    | Dibbling:Dibbling of seeds of oak, Ascelus etc.   | Nos.  | 100             | 7.18  | 718              |
|       | <b>Total</b>  |       |                 |       | <b>34402</b>     |
| 3     | <b>Maintenance for 9 years</b> : 2nd year @ 25% + 3rd year @ 10% + 4th year to 10th year 7x @ 5% = 70 % of afforestation  | Year  |                 |       | <b>24081.4</b>   |
| 4     | <b>Geo Textile Mat</b>  | Sq.M. |                 | 300   | 0                |
|       | <b>Total ( 1+2+3+4)</b>   |       |                 |       | <b>98483.4</b>   |
| 5     | Overhead 10% of total   |       |                 |       | <b>9848.34</b>   |
|       | <b>Grand Total</b>  |       |                 |       | <b>108331.74</b> |

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MOHD RAFOOT BIGH  
Block Forest Officer  
Block Mohu'

Range Officer Banihal  
Range Officer  
Forest Banihal

Divisional Forest Officer  
Ramban Forest Division  
Ramban

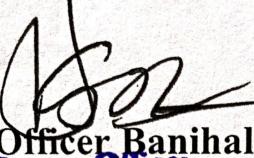
**Biological measures for stabilizaton of muck dumping site Construction of road  
from Bawa to Mangit(Dumping site Area C =0.05 ha)**

| S.No. | Item of work  | Unit  | Actual Quantity | Rate  | Actual amount    |
|-------|---|-------|-----------------|-------|------------------|
| 1     | <b>Fencing</b> :- Using Square fence post conforming to product code PCFP-3 at spacing of 10' & 5 strands of Galvanized Barbed wire with 2 Criss cross conforming to the product code GA-BW all fence post be fixed in the cement concrete 1:3:6 (1 Cement: 3 coarse sand: 6 stone aggregate 40 mm nominal size) block of size 1'6"x1'x1' | Rft.  | 400             | 100   | 40000            |
| 2     | <b>Afforestation ( 1st year)</b>  |       |                 |       |                  |
| i.    | <b>Plantation</b> :- Poly bagged Planting of fast-growing soil binding local species (Trees/ Shrubs) in pits of size (45x45x45) cm in staggered fashion along the contour   | Nos.  | 100             | 29.34 | 2934             |
| ii.   | <b>Agave</b> :- Agave bulbs planted between interspaces of plants, open spaces and along the fence line of size.  | Nos.  | 0               | 15.45 | 0                |
| iii   | <b>Grass slips</b> :- (Soil binding grasses Viz: vetivers, Napier, Saccharum munja & Arundo donax)  | Nos.  | 4000            | 6.35  | 25400            |
| iv    | <b>Cutting</b> :- Ipomea/ Vitex/ Popular/ Salix/ Mulberry etc (area specific)   | Nos.  | 500             | 6     | 3000             |
| v     | <b>Seed ball</b> :- Broad casting/ dibbling of seed balls   | Nos.  | 1000            | 2.35  | 2350             |
| vi    | Dibbling:Dibbling of seeds of oak, Ascelus etc.   | Nos.  | 100             | 7.18  | 718              |
|       | <b>Total</b>  |       |                 |       | <b>34402</b>     |
| 3     | <b>Maintenance for 9 years</b> : 2nd year @ 25% + 3rd year @ 10% + 4th year to 10th year 7x @ 5% = 70 % of afforestation  | Year  |                 |       | <b>24081.4</b>   |
| 4     | <b>Geo Textile Mat</b>  | Sq.M. |                 | 300   | 0                |
|       | <b>Total ( 1+2+3+4)</b>   |       |                 |       | <b>98483.4</b>   |
| 5     | Overhead 10% of total   |       |                 |       | <b>9848.34</b>   |
|       | <b>Grand Total</b>  |       |                 |       | <b>108331.74</b> |

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Lacs

  
 Block Officer Mohu  
 MUNDRAQ MOHU  
 Block Forest Officer  
 Block Mohu

  
 Range Officer Banihal  
  
 Range Officer  
 Forest Banihal

  
 Divisional Forest Officer  
 Ramban Forest Division  
 Ramban