

**Full Title of the Project:** Construction Of Road from Ramakunda To Gool

**File No:** FP/JK/ROAD/150343/2021

**Date of Proposal:** 18-12-2021

**Biological measures for stabilizatoin of muck dumping site 1 (Area=0.11 ha)**

S.No.	Item of work	Unit	Quantity	Rate	Amount (Rs)
1	Fencing:- 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.	500	100	50000
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.	165	29.34	4841.1
ii.	<b>Agave:-</b> Agave bulbs planted between interspaces of plants, open spaces and along the fence line of size.	Nos.	440	15.45	6798
iii	<b>Grass slips:-</b> (Soil binding grasses Viz: vetivers, Napier, Saccharum munja & Arundo donax)	Nos.	440	6.35	2794
iv	<b>Cutting:-</b> Ipomea/ Vitex/ Popular/ Salix/ Mulberry (area specific)	Nos.	110	6	660
v	<b>Seed ball:-</b> Broad casting/ dibbling of seed balls	Nos.	110	2.35	258.5
	<b>Total</b>				<b>15352</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>10746</b>
4	<b>Geo Textile Mat</b>	Sq.M.		300	0
	<b>Total ( 1+2+3+4)</b>				<b>76098</b>
5	Overhead 10% of total				<b>7610</b>
	<b>Grand Total</b>				<b>83707</b>

Say 0.83707492  
Lacs

Range Officer

Gool

RANGE OFFICER  
FOREST RANGE  
GOOL

Block Forest Officer  
Block

Divisional Forest Officer  
Ramban Forest Division  
Batote

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**Biological measures for stabilizatoin of muck dumping site 2 (Area=0.11 ha)**

S.No.	Item of work	Unit	Quantity	Rate	Amount (Rs)
1	Fencing:- 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.	500	100	50000
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.	165	29.34	4841.1
ii.	<b>Agave:-</b> Agave bulbs planted between interspaces of plants, open spaces and along the fence line of size.	Nos.	440	15.45	6798
iii	<b>Grass slips:-</b> (Soil binding grasses Viz: vetivers, Napier, Saccharum munja & Arundo donax)	Nos.	440	6.35	2794
iv	<b>Cutting:-</b> Ipomea/ Vitex/ Popular/ Salix/ Mulberry (area specific)	Nos.	110	6	660
v	<b>Seed ball:-</b> Broad casting/ dibbling of seed balls	Nos.	110	2.35	258.5
	<b>Total</b>				<b>15352</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>10746</b>
4	<b>Geo Textile Mat</b>	Sq.M.		300	0
	<b>Total ( 1+2+3+4)</b>				<b>76098</b>
5	Overhead 10% of total				<b>7610</b>
	<b>Grand Total</b>				<b>83707</b>

Say 0.83707492  
Lacs

  
Range Officer  
Gool  
RANGE OFFICER  
FOREST RANGE  
GOOL

  
Block Forest Officer  
Sangadan

  
Divisional Forest Officer  
Batote Forest Division  
Batote

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**Biological measures for stabilizatoin of muck dumping site 3 (Area=0.11 ha)**

S.No.	Item of work	Unit	Quantity	Rate	Amount (Rs)
1	Fencing:- 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.	500	100	50000
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.	165	29.34	4841.1
ii.	<b>Agave:-</b> Agave bulbs planted between interspaces of plants, open spaces and along the fence line of size.	Nos.	440	15.45	6798
iii	<b>Grass slips:-</b> (Soil binding grasses Viz: vetivers, Napier, Saccharum munja & Arundo donax)	Nos.	440	6.35	2794
iv	<b>Cutting:-</b> Ipomea/ Vitex/ Popular/ Salix/ Mulberry (area specific)	Nos.	110	6	660
v	<b>Seed ball:-</b> Broad casting/ dibbling of seed balls	Nos.	110	2.35	258.5
	<b>Total</b>				<b>15352</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>10746</b>
4	<b>Geo Textile Mat</b>	Sq.M.		300	0
	<b>Total ( 1+2+3+4)</b>				<b>76098</b>
5	Overhead 10% of total				<b>7610</b>
	<b>Grand Total</b>				<b>83707</b>

Say 0.83707492  
Lacs

Range Officer

Gool

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GOOL

Block Forest Officer  
Block - Gool

Divisional Forest Officer

Batote Forest Division

Batote