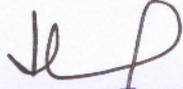


**Abstract of Biological measures for stabilization of Muck dumping sites of road "Upgradation of road T01 Supply Morh to Kainthgali"**

*(Amount in Rupees)*

S. No.	Location of Dumping Site	Amount
1	Dumping Site-01 (Location: 50/U (32° 59'11.00"N 75° 7'26.81"E))	109041
2	Dumping Site-02 (Location: 50/U (32° 58'53.78"N 75° 7'24.02"E))	109041
3	Dumping Site-03 (Location: 54/U (33° 0'37.74"N 75° 7'23.74"E))	109041
<b>G. Total of 03 Nos. Dumping Sites :</b>		<b>327123</b>

  
Divisional Forest Officer  
Udhampur Forest Division  
Udhampur

## Biological measures for stabilization of Muck dumping site of Road Supply Morh to Kainthgali

DUMPING SITE-1 RD 11/225

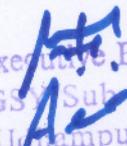
FOREST AREA 0.25 Ha.

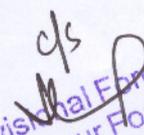
Location: 50/U (32°59'11.00"N 75° 7'26.81"E )

S. No.	Item of Work	Unit	Qty.	Rate (Rs)	Amount (Rs)
1	<b>Fencing</b> :- Using square fence posts conforming to product code PCFP-3 at spacing of 10' & 5 strands of galvanized Barbed wire with criss cross conforming to product code GA-BW all fence posts fixed in cement concrete 1:3:6 (1 cement: 3 coarse sand : 6 stone aggregate 40 mm nominal size) block of size 1'6" X 1' X 1'	Rft	330	100.00	33000
2	<b>Afforestation (1<sup>st</sup> year)</b>				
i	<b>Plantation</b> :- Polybagged planting of fast growing soil binding local species (trees/shrubs) in pits of size (45 X 45X 45 ) cm in staggered fashion along the contour.	Nos	375	40.03	15011
ii	<b>Agave</b> :- Agave bulbs planted between interspaces of plants, open spaces & along the fence line of size	Nos	1000	15.45	15450
iii	<b>Grass Slips</b> :- (Soil binding grasses Viz vetivers, Napier, Saccharum munja & Arundo donax)	Nos	1000	6.35	6350
iv	<b>Cutting</b> :- Ipomea/ Vitex/ Popular/ Salix/ Mulberry (area specific)	Nos	250	6.00	1500
v	<b>Seed ball</b> : Broad casting/ dibbling of seed balls	Nos	250	2.35	588
				<b>Total 2 :</b>	<b>38899</b>
3	<b>Maintenance for 9 years</b> : 2 <sup>nd</sup> year @ 25 % + 3 <sup>rd</sup> year @ 10% + 4 <sup>th</sup> year to 10 <sup>th</sup> year 7 X @ 5% = 70% of afforestation	Year			27229
				<b>Total (1+2+3) :</b>	<b>99128</b>
				Overhead 10% of total	<b>9913</b>
				<b>Grand Total :</b>	<b>109041</b>

  
Aso Malhotra

  
Forest Range Officer  
Udhampur Forest Range  
Udhampur

  
Asstt. Executive Engineer  
PMGSY Sub-Div.  
Udhampur

  
Divisional Forest Officer  
Udhampur Forest Division  
Udhampur

## Biological measures for stabilization of Muck dumping site of Road Supply Morh to Kainthgali

DUMPING SITE-2 RD 11/835  
 FOREST AREA 0.25 Ha.  
 Location: 50/U (32°58'53.78"N 75° 7'24.02"E)

S. No.	Item of Work	Unit	Qty.	Rate (Rs)	Amount (Rs)
1	<b>Fencing</b> :- Using square fence posts conforming to product code PCFP-3 at spacing of 10' & 5 strands of galvanized Barbed wire with criss cross conforming to product code GA-BW all fence posts fixed in cement concrete 1:3:6 (1 cement: 3 coarse sand : 6 stone aggregate 40 mm nominal size) block of size 1'6" X 1' X 1'	Rft	330	100.00	<b>33000</b>
<b>2</b>	<b>Afforestation (1<sup>st</sup> year)</b>				
i	<b>Plantation</b> :- Polybagged planting of fast growing soil binding local species (trees/shrubs) in pits of size (45 X 45X 45 ) cm in staggered fashion along the contour.	Nos	375	40.03	15011
ii	<b>Agave</b> :- Agave bulbs planted between interspaces of plants, open spaces & along the fence line of size	Nos	1000	15.45	15450
iii	<b>Grass Slips</b> :- (Soil binding grasses Viz vetivers, Napier, Saccharum munja & Arundo donax)	Nos	1000	6.35	6350
iv	<b>Cutting</b> :- Ipomea/ Vitex/ Popular/ Salix/ Mulberry (area specific)	Nos	250	6.00	1500
v	<b>Seed ball</b> : Broad casting/ dibbling of seed balls	Nos	250	2.35	588
				<b>Total 2 :</b>	<b>38899</b>
<b>3</b>	<b>Maintenance for 9 years</b> : 2 <sup>nd</sup> year @ 25 % + 3 <sup>rd</sup> year @ 10% + 4 <sup>th</sup> year to 10 <sup>th</sup> year 7 X @ 5% = 70% of afforestation	Year			27229
				<b>Total (1+2+3) :</b>	<b>99128</b>
				Overhead 10% of total	<b>9913</b>
				<b>Grand Total :</b>	<b>109041</b>

*So Shethu meli.*

*(Signature)*  
**Forest Range Officer**  
 Udhampur Forest Range  
 Udhampur

*(Signature)*  
**Asstt. Executive Engineer**  
 PMGSY Sub Div.  
 Udhampur

*(Signature)*  
**Divisional Forest Officer**  
 Udhampur Forest Division,  
 Udhampur

## Biological measures for stabilization of Muck dumping site of Road Supply Morh to Kainthgali

DUMPING SITE-3 RD 19/790

FOREST AREA 0.25 Ha.

Location: 54/U (33° 0'37.74"N 75° 7'23.74"E)

S. No.	Item of Work	Unit	Qty.	Rate (Rs)	Amount (Rs)
1	<b>Fencing</b> :- Using square fence posts conforming to product code PCFP-3 at spacing of 10' & 5 strands of galvanized Barbed wire with criss cross conforming to product code GA-BW all fence posts fixed in cement concrete 1:3:6 (1 cement: 3 coarse sand : 6 stone aggregate 40 mm nominal size) block of size 1'6" X 1' X 1'	Rft	330	100.00	33000
2	<b>Afforestation (1<sup>st</sup> year)</b>				
i	<b>Plantation</b> :- Polybagged planting of fast growing soil binding local species (trees/shrubs) in pits of size (45 X 45X 45 ) cm in staggered fashion along the contour.	Nos	375	40.03	15011
ii	<b>Agave</b> :- Agave bulbs planted between interspaces of plants, open spaces & along the fence line of size	Nos	1000	15.45	15450
iii	<b>Grass Slips</b> :- (Soil binding grasses Viz vetivers, Napier, Saccharum munja & Arundo donax)	Nos	1000	6.35	6350
iv	<b>Cutting</b> :- Ipomea/ Vitex/ Popular/ Salix/ Mulberry (area specific)	Nos	250	6.00	1500
v	<b>Seed ball</b> : Broad casting/ dibbling of seed balls	Nos	250	2.35	588
				<b>Total 2 :</b>	<b>38899</b>
3	<b>Maintenance for 9 years</b> : 2 <sup>nd</sup> year @ 25 % + 3 <sup>rd</sup> year @ 10% + 4 <sup>th</sup> year to 10 <sup>th</sup> year 7 X @ 5% = 70% of afforestation	Year			27229
				<b>Total (1+2+3) :</b>	<b>99128</b>
				Overhead 10% of total	<b>9913</b>
				<b>Grand Total :</b>	<b>109041</b>

*Boo Shethu neli*

*[Signature]*  
Forest Range Officer  
Udhampur Forest Range  
Udhampur

*[Signature]*  
Asstt. Executive Engineer  
PMGSY Sub Div.  
Udhampur

*[Signature]*  
Divisional Forest Officer  
Udhampur Forest Division  
Udhampur