

**Biological measures for stabilization of Muck dumping site of road**  
**"Upgradation of Udhampur Ghordi road from km 13th to 26th from single lane to double lane. phase 1st"**

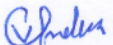
DUMPING SITE-1

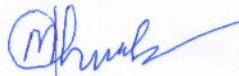
FOREST AREA 0.10 Ha.

Location: 92/U (32°55'29.22"N 75°11'28.13"E)

(Amount in Rupees)

S. No.	Item of Work	Unit	Qty.	Rate	Amount
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	460	100.00	46000
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	100	40.03	4003
ii	<b>Agave</b> :- Agave bulbs planted between interspaces of plants, open spaces & along the fence line of size	Nos	100	15.45	1545
iii	<b>Grass Slips</b> :- (Soil binding grasses Viz vetivers, Napier, Saccharum munja & Arundo donax)	Nos	100	6.35	635
iv	<b>Cutting</b> :- Ipomea/ Vitex/ Popular/ Salix/ Mulberry (area specific)	Nos	0	6.00	0
v	<b>Seed ball</b> : Broad casting/ dibbling of seed balls	Nos	50	2.35	118
				<b>Total 2 :</b>	<b>6301</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			4411
				<b>Total (1+2+3) :</b>	<b>56712</b>
				Overhead 10% of total	<b>5671</b>
				<b>Total (Dumping Site-1) :</b>	<b>62383</b>

  
 Block Officer  
 Block Charat Pakhlai

  
 Range Officer  
 Udhampur Forest Range  
 Udhampur