

**Biological measures for stabilization of Muck dumping site of road  
"Construction of road from Kaldi to Khurrian"  
Proposal No.FP/JK/Road/149044/2021**

DUMPING SITE: 30 Mtr. X 20 Mtr.

FOREST AREA : 0.060 Ha.

Location: 92/U (Geo-Coordinates: 32°55'22.92"N 75°11'27.82"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	100	160.00	16000
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>Grass Slips</b> :- (Soil binding grasses Viz <i>Trifolium pratense</i> (Red clover), <i>T.repens</i> (White clover), <i>Festuca arundinacea</i> (Tall fescue)	Nos	50	6.35	318
				<b>Total :</b>	<b>4321</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			3025
	<b>Fencing repair and renovation</b> (6th year)	Rft	50	26.32	1316
				<b>Total (1+2+3) :</b>	<b>24662</b>
				Overhead 10% of total	<b>2466</b>
				<b>Total (Dumping Site-1) :</b>	<b>27128</b>

*Rajneesh Sharma*  
B.O Charat Pakhla

*Alkhil*  
Range Forest Officer  
Udhampur Forest Range  
Udhampur

*Rajneesh Sharma*  
Divisional Forest Officer  
Udhampur Forest Division  
Udhampur