

**Biological measures for stabilization of muck dumping site for the proposal Construction of road from Ikhalla Block Boundary Kishtwar to Lopara (FOREST PROPOSAL NO:- FP/JK/ROAD/51130/2020 Dt. 15-10-2020)**

S.No.	Item of work	Unit	Quantity	Rate	Amount (in lacs)
1	<b>Fencing:</b> Using 4 strand black annealed Barbed wire (BA-BW) on Wooden Fence Posts at spacing of 8'	Rft	223	68.32	0.152
2	<b>Afforestation (1st year)</b>				
i	<b>Plantation :-</b> Polybagged Planting of fast growing soil binding local species (Trees/Shrubs) in pits of size (45x45x45) cm in staggered fashion along the contour	Nos.	257	29.34	0.0754
ii	<b>Agave:-</b> Agave bulbs planted between interspaces of plants, open spaces & along the fence line of size	Nos.	685	15.45	0.106
iii	<b>Grass slips:</b> (soil binding grasses viz vetivers, Napier, Saccharum munja & Arundo donax)	Nos.	685	6.35	0.0435
iv	<b>Cutting:-</b> Rubenia/ Vitex / Popular/ Salix (area specific)	Nos.	171	6	0.0103
v	<b>Seed ball:</b> - Broad casting / dibbling of seed balls	Nos.	171	2.35	0.00402
	<b>Total</b>				0.23922
3	<b>Maintenance for 9 years:</b> 2nd year @ 25% + 3rd year @ 10% + 4th year to 10th year 7 x @ 5% = 70% of afforestation	Year			0.1674
4	<b>Geo Textile Mat</b>	Sq. M	171	300	0.513
	<b>Total (1+2+3+4)</b>				1.07162
5	Overhead 10 % of total				0.1072
	<b>Grand Total</b>				1.17882

  
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