

**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	Fencing: Using 4 strand black annealed Barbed wire (BA-BW) on Wooden Fence Posts at spacing of 8'	Rft	223	68.32	0.152
2	Afforestation (1st year)				
i	Plantation :- 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	Agave :- Agave bulbs planted between interspaces of plants, open spaces & along the fence line of size	Nos.	685	15.45	0.106
iii	Grass slips : (soil binding grasses viz vetivers, Napier, Saccharum munja & Arundo donax)	Nos.	685	6.35	0.0435
iv	Cutting :- Rubenia/ Vitex / Popular/ Salix (area specific)	Nos.	171	6	0.0103
v	Seed ball :- Broad casting / dibbling of seed balls	Nos.	171	2.35	0.00402
	Total				0.23922
3	Maintenance for 9 years : 2nd year @ 25% + 3rd year @ 10% + 4th year to 10th year 7 x @ 5% = 70% of afforestation	Year			0.1674
4	Geo Textile Mat	Sq. M	171	300	0.513
	Total (1+2+3+4)				1.07162
5	Overhead 10 % of total				0.1072
	Grand Total				1.17882


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