

Biological measures for stabalization of muck duming site (per hectare area) for Const. of Road
 Mari to Dhakikote Part-II Propsoal No. (FP/ROAD/46980/2020)

Area= 1.159

S. No	Item of work	Unit	Quanity	Rate per ha.	Amount
1	Fencing: Using square fence post conforming to product code PCFP-3 at spacing of 10" & 5 Strands of Galvanized Barbed wire with 2 Criss cross conforming to the product code GA-BW all fence post be fixed in the cement concrete 1:3:6 (1 cement: 3 coarse sand: 6 Stone aggregate 40 mm nominal size) block of size 1'6"x1x1"	Rft	1507	100	1.507
2	Afforestation (1st year)				
i	Plantation: Poly bagged planting of fast growing soil binding local species (trees/ Shrubs) in pits of size (45x45x45) cm in straggered fashion along the fence line of size	Nos.	1739	29.34	0.510
ii	Agave: Agave bulbs planted between interspaces of plants open spaces and along the fence line of size	Nos.	4636	15.45	0.716
iii	Grass slips(Soil binding grasses viz: vtivers, Napier Sacharum, Munja and Arundo donax	Nos.	4636	6.35	0.294
iv	Cutting: Ipomea/ Vitex/Popular/ Salix/ Mulbery (area specific)	Nos.	1159	6	0.070
v	Seed ball: Broad casting /diblling of seed balls	Nos.	1159	2.35	0.027
	Total				1.618
3	Mainteance for 9 years 2nd year @ 25 % +3rd year @ 10 % 4th year 10th year 7x 5% = 70 % of afforestation	Year		97692	1.132
4	Geo textile mat	Sq. M	1159	300	3.48
	Total (1+2+3+4)				7.733
	Overhead 10 % of total				0.773
	Grand Total				8.507

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