

**Biological Measures for stabilization of muck dumping site**

**Title of the Project: - Construction of link road from Beer Bagh to Kanhal Via Shiva**

**(Proposal No. FP/JK/ROAD/146385/2021**

**Area:- 0.05 Ha**

S. No	Item of work	Unit	Quantity	Rate	Amount
1	<b>Fencing:-</b> using square fence post conforming to product code PCFP:3 at spacing of 10' & 5 strands of Galvanized Barbed wire with 2 cms cross conforming to the product code GA-B/wire all fence post be fixed in the cement concrete 1 3 6 (1 cement 3 coarse sands; 6 stone aggregate 40 mm normal size) block of size 1:6x1'x1'	Rft	65	100	6500
2	<b>Afforestation (1<sup>st</sup> year)</b>				
i.	<b>Plantation:</b> Ply bagged planting of fast growing soil binding local species (trees/Shrubs) in pits of size (45x45x45) cm is staggered fashion along the contour.	Nos	75	29.34	2200
ii.	Agave: Agave bulbs planting between interspaces of plants open spaces and along the fence line of size.	Nos	200	15.45	3090
iii	Grass slip:- (Soil binding grasses viz vetiver Napierl Saccharum Munja and Arundo donx)	Nos	200	6.35	1270
iv	Cutting:- Ipomea/Vitex/Popular/Salix/Mulberry (area specific)	Nos	50	6	300
v	Seed ball:- Broad casting /dibbling of seed balls	Nos	50	2.35	117
	<b>Total: 2(i to v)</b>				<b>6977</b>
3	Maintenance for 9 year: 2 <sup>nd</sup> year @ 25% + 3 <sup>rd</sup> year @ 10% + 4 <sup>th</sup> year to 10 <sup>th</sup> year 7x @ 5% = 70 % of afforestation	Years	9 year		5862
4	Geo textile Mat	Sq.mtr	500	300	150000
	<b>Total (1+2+3+4)</b>				<b>169339</b>
5	Overhead 10 % of Total				16934
	<b>Grand Total</b>				<b>186273</b>

Say 1.863 lac

*[Signature]*  
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