

**Biological measures for stabilization of muck dumping site (Dumping point no 2 Co. 101b/D) Chenani
Sudhmahadev road 1.10 Ha area**

S.No	Item of work	Unit	Quantity	Rate	Amount
1	Fencing:- Using square fence post conforming to product code PCFP-3 at sapcing 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" X 1' X 1'.	Rft	1600	100	₹ 1,60,000
2	Plant Production:- Raising of poly bagged plants and their maintenance	No's	2393	10.69	₹ 25,581
3	Afforestation (1st Year)				
i	Plantation:- Poly bagged planting of fast growing soil binding local species (Trees/Shrubs) in pits of size (45 X 45 X 45) cm in staggered fashion along the contour.	No's	1650	29.34	₹ 48,411
ii	Agave:- Agave bulbs planted between interspaces of plant, open spaces & along the fence line of size.	No's	4400	15.45	₹ 67,980
iii	Grass slips:- (Soil binding grasses Viz: vetivers/Napier/Saccharum munja/Arundo donax)	No's	4400	6.35	₹ 27,940
iv	Cutting:- Ipomea/Vitex/Popular/Salix/Mulberry (area specific)	No's	1100	6.00	₹ 6,600
v	Seed ball:- Broad casting/dibbling of seed balls.	No's	1100	2.35	₹ 2,585
	Total				₹ 1,53,516
4	Maintenance for 9 years: 2nd year @ 25% + 3rd year @ 10% + 4th year to 10th year 7 X @ 5% = 70% of afforestation	Year			₹ 1,07,461
	Total (1 + 2 + 3 + 4)				₹ 4,46,558
5	Overhead 10% of total				₹ 44,656
	Grand Total				₹ 4,91,214

Pranisham

**General Manager (P)
N.H.I.D.C.L.,
PMU-Akhnoor (J&K)**

**Biological measures for stabilization of muck dumping site (Dumping point no 1 Co. 97b/D) Chenani
Sudhmahadev road 1.33 Ha area**

S.No	Item of work	Unit	Quantity	Rate	Amount
1	Fencing:- Using square fence post conforming to product code PCFP-3 at sapcing 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" X 1' X 1'.	Rft	2100	100	₹ 2,10,000
2-	Plant Production:- Raising of poly bagged plants and their maintenance	No's	2893	10.69	₹ 30,926
3	Afforestation (1st Year)				
i	Plantation:- Poly bagged planting of fast growing soil binding local species (Trees/Shrubs) in pits of size (45 X 45 X 45) cm in staggered fashion along the contour.	No's	1995	29.34	₹ 58,533
ii	Agave:- Agave bulbs planted between interspaces of plant, open spaces & along the fence line of size.	No's	5320	15.45	₹ 82,194
iii	Grass slips:- (Soil binding grasses Viz: vetivers/Napier/Saccharum munja/Arundo donax)	No's	5320	6.35	₹ 33,782
iv	Cutting:- Ipomea/Vitex/Popular/Salix/Mulberry (area specific)	No's	1330	6.00	₹ 7,980
v	Seed ball:- Broad casting/dibbling of seed balls.	No's	1330	2.35	₹ 3,126
	Total				₹ 1,85,615
4	Maintenance for 9 years: 2nd year @ 25% + 3rd year @ 10% + 4th year to 10th year 7 X @ 5% = 70% of afforestation	Year			₹ 1,29,930
	Total (1 + 2 + 3 + 4)				₹ 5,56,471
5	Overhead 10% of total				₹ 55,647
	Grand Total				₹ 6,12,118

Pranav

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