

**Biological measures for stabilization of Muck dumping site of road
"Construction of road from Narore to Kainthgali under NABARD"**

DUMPING SITE-1 (RD 2/150 to 2/175)

FOREST AREA 0.10 Ha.

Location: 58b/U (33° 2'9.54"N 75° 8'54.15"E)

(Amount in Rupees)

S. No.	Item of Work	Unit	Qty.	Rate	Amount
1	Fencing:- Using square fence posts conforming to product code PCFP-3 at spacing of 10' & 5 strands of galvanized Barbed wire with criss cross conforming to product code GA-BW all fence posts fixed in 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	130	160.00	20800
2	Afforestation (1st year)				
i	Plantation:- Polybagged planting of fast growing soil binding local species (trees/shrubs) in pits of size (45 X 45X 45) cm in staggered fashion along the contour. (Raising and Maintenance)	Nos	130	40.03	5204
ii	Agave:- Agave bulbs planted between interspaces of plants, open spaces & along the fence line of size	Nos	200	15.45	3090
iii	Grass Slips:- (Soil binding grasses Viz vetivers, Napier, Saccharum munja & Arundo donax)	Nos	150	6.35	953
iv	Cutting:- Ipomea/ Vitex/ Popular/ Salix/ Mulberry (area specific)	Nos	0	6.00	0
v	Seed ball: Broad casting/ dibbling of seed balls	Nos	100	2.35	235
				Total :	9482
3	(i) Maintenance for 9 years: 2 nd year @ 25 % + 3 rd year @ 10% + 4 th year to 10 th year (7 years) @ 5% = 70% of afforestation	Year			6637
	(ii) Fencing Repair (6th Year)	Rft	65	16.74	1088
	Total Dumping Point No. 1 :				38007

DUMPING SITE-02 (RD 2/863 to 2/888)

FOREST AREA 0.10 Ha.

Location: 58b/U (33° 2'29.98"N 75° 8'58.44"E)

(Amount in Rupees)

S. No.	Item of Work	Unit	Qty.	Rate	Amount
1	Fencing:- Using square fence posts conforming to product code PCFP-3 at spacing of 10' & 5 strands of galvanized Barbed wire with criss cross conforming to product code GA-BW all fence posts fixed in 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	130	160.00	20800
2	Afforestation (1st year)				
i	Plantation:- Polybagged planting of fast growing soil binding local species (trees/shrubs) in pits of size (45 X 45X 45) cm in staggered fashion along the contour. (Raising and Maintenance)	Nos	130	40.03	5204
ii	Agave:- Agave bulbs planted between interspaces of plants, open spaces & along the fence line of size	Nos	200	15.45	3090
iii	Grass Slips:- (Soil binding grasses Viz vetivers, Napier, Saccharum munja & Arundo donax)	Nos	150	6.35	953
iv	Cutting:- Ipomea/ Vitex/ Popular/ Salix/ Mulberry (area specific)	Nos	0	6.00	0
v	Seed ball: Broad casting/ dibbling of seed balls	Nos	100	2.35	235
				Total :	9482
3	(i) Maintenance for 9 years: 2 nd year @ 25 % + 3 rd year @ 10% + 4 th year to 10 th year (7 years) @ 5% = 70% of afforestation	Year			6637
	(ii) Fencing Repair (6th Year)	Rft	65	16.74	1088
	Total Dumping Point No. 2 :				38007
	G. Total :				76014

B. O. B. D. S. Kumar

[Signature]
Range Forest Officer
Udhampur Forest Range
Udhampur