

**Abstract of Biological measures for stabilization of Muck dumping sites of road
"Construction of road from Khourgali to Radnote"**

(Amount in Rupees)

S. No.	Location of Dumping Site	Amount
1	Dumping Site- (Location: 46/P (33° 7'39.70"N 75° 2'20.45"E))	57248
2	Dumping Site-2 (Location: 46/P (33° 7'34.17"N 75° 2'22.98"E))	57248
3	Dumping Site-3 (Location: 46/P (33° 7'25.85"N 75° 2'15.11"E))	57248
4	Dumping Site-4 (Location: 46/P (33° 7'23.87"N 75° 1'58.91"E))	57248
5	Dumping Site-5 (Location: 46/P (33° 7'22.36"N 75° 1'55.70"E))	57248
6	Dumping Site-6 (Location: 46/P (33° 7'20.06"N 75° 1'52.56"E))	57248
7	Dumping Site-7 (Location: 46/P (33° 7'26.19"N 75° 1'54.24"E))	57248
8	Dumping Site-8 (Location: 46/P (33° 7'33.39"N 75° 2'8.92"E))	57248
9	Dumping Site-9 (Location: 46/P (33° 7'34.87" N 75° 2'6.38"E))	57248
10	Dumping Site-10 (Location: 46/P (33° 7'37.49" N 75° 2'0.42"E))	57248
11	Dumping Site-11 (Location: 46/P (33° 7'55.97" N 75° 2'4.83"E))	57248
12	Dumping Site-12 (Location: 46/P (33° 8'6.98" N 75° 2'2.44"E))	57248
13	Dumping Site-13 (Location: 45/P (33° 8'13.35" N 75° 2'52.22"E))	57248
14	Dumping Site-14 (Location: 45/P (33° 8'23.01" N 75° 2'53.10"E))	57248
15	Dumping Site-15 (Location: 45/P (33° 8'26.09" N 75° 3'0.46"E))	57248
G. Total of 15 Nos. Dumping Sites :		858720

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Er. Ghulam Rasool
Executive Engineer
PMGSY Division
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Forest Range Officer
Forest Range
Sanchari

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Divisional Forest Officer
Udhampur Forest Division
Udhampur

**Biological measures for stabilization of Muck dumping site of road
"Construction of road from Khourgali to Radnote"**

DUMPING SITE-1

FOREST AREA 0.0625 Ha.

Location: 46/P (33° 7'39.70"N 75° 2'20.45"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	350	100.00	35000
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.	Nos	100	40.03	4003
ii	Agave :- Agave bulbs planted between interspaces of plants, open spaces & along the fence line of size	Nos	300	15.45	4635
iii	Grass Slips :- (Soil binding grasses Viz vetivers, Napier, Saccharum munja & Arundo donax)	Nos	200	6.35	1270
iv	Cutting :- Ipomea/ Vitex/ Popular/ Salix/ Mulberry (area specific)	Nos	0	6.00	0
v	Seed ball : Broad casting/ dibbling of seed balls	Nos	50	2.35	118
				Total 2 :	10026
3	Maintenance for 9 years : 2 nd year @ 25 % + 3 rd year @ 10% + 4 th year to 10 th year 7 X @ 5% = 70% of afforestation	Year			7018
				Total (1+2+3) :	52044
				Overhead 10% of total	5204
				Total (Dumping Site-1) :	57248

DUMPING SITE-2

FOREST AREA 0.0625 Ha.

Location: 46/P (33° 7'34.17"N 75° 2'22.98"E)

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	350	100.00	35000
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.	Nos	100	40.03	4003
ii	Agave :- Agave bulbs planted between interspaces of plants, open spaces & along the fence line of size	Nos	300	15.45	4635
iii	Grass Slips :- (Soil binding grasses Viz vetivers, Napier, Saccharum munja & Arundo donax)	Nos	200	6.35	1270
iv	Cutting :- Ipomea/ Vitex/ Popular/ Salix/ Mulberry (area specific)	Nos	0	6.00	0
v	Seed ball : Broad casting/ dibbling of seed balls	Nos	50	2.35	118
				Total 2 :	10026
3	Maintenance for 9 years : 2 nd year @ 25 % + 3 rd year @ 10% + 4 th year to 10 th year 7 X @ 5% = 70% of afforestation	Year			7018
				Total (1+2+3) :	52044
				Overhead 10% of total	5204
				Total (Dumping Site-2) :	57248

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Er. Ghulam Rasool
Executive Engineer
PMGS-Division
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Forest Range Officer
Forest Range

DUMPING SITE-3

FOREST AREA 0.0625 Ha.

Location: 46/P (33° 7'25.85"N 75° 2'15.11"E)

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	350	100.00	35000
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.	Nos	100	40.03	4003
ii	Agave :- Agave bulbs planted between interspaces of plants, open spaces & along the fence line of size	Nos	300	15.45	4635
iii	Grass Slips :- (Soil binding grasses Viz vetivers, Napier, Saccharum munja & Arundo donax)	Nos	200	6.35	1270
iv	Cutting :- Ipomea/ Vitex/ Popular/ Salix/ Mulberry (area specific)	Nos	0	6.00	0
v	Seed ball : Broad casting/ dibbling of seed balls	Nos	50	2.35	118
				Total 2 :	10026
3	Maintenance for 9 years : 2 nd year @ 25 % + 3 rd year @ 10% + 4 th year to 10 th year 7 X @ 5% = 70% of afforestation	Year			7018
				Total (1+2+3) :	52044
				Overhead 10% of total	5204
				Total (Dumping Site-3) :	57248

DUMPING SITE-4

FOREST AREA 0.0625 Ha.

Location: 46/P (33° 7'23.87"N 75° 1'58.91"E)

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	350	100.00	35000
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.	Nos	100	40.03	4003
ii	Agave :- Agave bulbs planted between interspaces of plants, open spaces & along the fence line of size	Nos	300	15.45	4635
iii	Grass Slips :- (Soil binding grasses Viz vetivers, Napier, Saccharum munja & Arundo donax)	Nos	200	6.35	1270
iv	Cutting :- Ipomea/ Vitex/ Popular/ Salix/ Mulberry (area specific)	Nos	0	6.00	0
v	Seed ball : Broad casting/ dibbling of seed balls	Nos	50	2.35	118
				Total 2 :	10026
3	Maintenance for 9 years : 2 nd year @ 25 % + 3 rd year @ 10% + 4 th year to 10 th year 7 X @ 5% = 70% of afforestation	Year			7018
				Total (1+2+3) :	52044
				Overhead 10% of total	5204
				Total (Dumping Site-4) :	57248

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Er. Ghulam Rasool
Executive Engineer
PMGSY Division
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Forest Range Officer
Forest Range
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FOREST AREA 0.0625 Ha.

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	350	100.00	35000
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.	Nos	100	40.03	4003
ii	Agave:- Agave bulbs planted between interspaces of plants, open spaces & along the fence line of size	Nos	300	15.45	4635
iii	Grass Slips:- (Soil binding grasses Viz vetivers, Napier, Saccharum munja & Arundo donax)	Nos	200	6.35	1270
iv	Cutting:- Ipomea/ Vitex/ Popular/ Salix/ Mulberry (area specific)	Nos	0	6.00	0
v	Seed ball: Broad casting/ dibbling of seed balls	Nos	50	2.35	118
				Total 2 :	10026
3	Maintenance for 9 years: 2 nd year @ 25 % + 3 rd year @ 10% + 4 th year to 10 th year 7 X @ 5% = 70% of afforestation	Year			7018
	Total (1+2+3) :				52044
	Overhead 10% of total				5204
	Total (Dumping Site-5) :				57248

FOREST AREA 0.0625 Ha.

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	350	100.00	35000
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.	Nos	100	40.03	4003
ii	Agave:- Agave bulbs planted between interspaces of plants, open spaces & along the fence line of size	Nos	300	15.45	4635
iii	Grass Slips:- (Soil binding grasses Viz vetivers, Napier, Saccharum munja & Arundo donax)	Nos	200	6.35	1270
iv	Cutting:- Ipomea/ Vitex/ Popular/ Salix/ Mulberry (area specific)	Nos	0	6.00	0
v	Seed ball: Broad casting/ dibbling of seed balls	Nos	50	2.35	118
				Total 2 :	10026
3	Maintenance for 9 years: 2 nd year @ 25 % + 3 rd year @ 10% + 4 th year to 10 th year 7 X @ 5% = 70% of afforestation	Year			7018
				Total (1+2+3) :	52044
				Overhead 10% of total	5204
				Total (Dumping Site-6) :	57248

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Er. Ghulam Rasool
Executive Engineer
PMGSY Division
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Forest Range Officer
Forest Range
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FOREST AREA 0.0625 Ha.

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	350	100.00	35000
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.	Nos	100	40.03	4003
ii	Agave:- Agave bulbs planted between interspaces of plants, open spaces & along the fence line of size	Nos	300	15.45	4635
iii	Grass Slips:- (Soil binding grasses Viz vetivers, Napier, Saccharum munja & Arundo donax)	Nos	200	6.35	1270
iv	Cutting:- Ipomea/ Vitex/ Popular/ Salix/ Mulberry (area specific)	Nos	0	6.00	0
v	Seed ball: Broad casting/ dibbling of seed balls	Nos	50	2.35	118
				Total 2 :	10026
3	Maintenance for 9 years: 2 nd year @ 25 % + 3 rd year @ 10% + 4 th year to 10 th year 7 X @ 5% = 70% of afforestation	Year			7018
	Total (1+2+3) :				52044
	Overhead 10% of total				5204
	Total (Dumping Site-7) :				57248

FOREST AREA 0.0625 Ha.

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	350	100.00	35000
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.	Nos	100	40.03	4003
ii	Agave:- Agave bulbs planted between interspaces of plants, open spaces & along the fence line of size	Nos	300	15.45	4635
iii	Grass Slips:- (Soil binding grasses Viz vetivers, Napier, Saccharum munja & Arundo donax)	Nos	200	6.35	1270
iv	Cutting:- Ipomea/ Vitex/ Popular/ Salix/ Mulberry (area specific)	Nos	0	6.00	0
v	Seed ball: Broad casting/ dibbling of seed balls	Nos	50	2.35	118
				Total 2 :	10026
3	Maintenance for 9 years: 2 nd year @ 25 % + 3 rd year @ 10% + 4 th year to 10 th year 7 X @ 5% = 70% of afforestation	Year			7018
				Total (1+2+3) :	52044
				Overhead 10% of total	5204
				Total (Dumping Site-8) :	57248

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Er. Ghulam Rasool
Executive Engineer
PMGSY Division
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Br. O. Bernini

Forest Range Officer
Forest Range
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DUMPING SITE-9

FOREST AREA 0.0625 Ha.

Location: 46/P (33° 7'34.87"N 75° 2'6.38"E)

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	350	100.00	35000
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.	Nos	100	40.03	4003
ii	Agave:- Agave bulbs planted between interspaces of plants, open spaces & along the fence line of size	Nos	300	15.45	4635
iii	Grass Slips:- (Soil binding grasses Viz vetivers, Napier, Saccharum munja & Arundo donax)	Nos	200	6.35	1270
iv	Cutting:- Ipomea/ Vitex/ Popular/ Salix/ Mulberry (area specific)	Nos	0	6.00	0
v	Seed ball: Broad casting/ dibbling of seed balls	Nos	50	2.35	118
				Total 2 :	10026
3	Maintenance for 9 years: 2 nd year @ 25 % + 3 rd year @ 10% + 4 th year to 10 th year 7 X @ 5% = 70% of afforestation	Year			7018
				Total (1+2+3) :	52044
				Overhead 10% of total	5204
				Total (Dumping Site-9) :	57248

DUMPING SITE-10

FOREST AREA 0.0625 Ha.

Location: 46/P (33° 7'37.49"N 75° 2'0.42"E)

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	350	100.00	35000
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.	Nos	100	40.03	4003
ii	Agave:- Agave bulbs planted between interspaces of plants, open spaces & along the fence line of size	Nos	300	15.45	4635
iii	Grass Slips:- (Soil binding grasses Viz vetivers, Napier, Saccharum munja & Arundo donax)	Nos	200	6.35	1270
iv	Cutting:- Ipomea/ Vitex/ Popular/ Salix/ Mulberry (area specific)	Nos	0	6.00	0
v	Seed ball: Broad casting/ dibbling of seed balls	Nos	50	2.35	118
				Total 2 :	10026
3	Maintenance for 9 years: 2 nd year @ 25 % + 3 rd year @ 10% + 4 th year to 10 th year 7 X @ 5% = 70% of afforestation	Year			7018
				Total (1+2+3) :	52044
				Overhead 10% of total	5204
				Total (Dumping Site-10) :	57248

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Er. Ghulam Rasool
Executive Engineer
PMGSY Division
Page 6 of 9

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Forest Range Officer
Forest Range
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DUMPING SITE-11

FOREST AREA 0.0625 Ha.

Location: 46/P (33° 7'55.97"N 75° 2'4.83"E)

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	350	100.00	35000
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.	Nos	100	40.03	4003
ii	Agave :- Agave bulbs planted between interspaces of plants, open spaces & along the fence line of size	Nos	300	15.45	4635
iii	Grass Slips :- (Soil binding grasses Viz vetivers, Napier, Saccharum munja & Arundo donax)	Nos	200	6.35	1270
iv	Cutting :- Ipomea/ Vitex/ Popular/ Salix/ Mulberry (area specific)	Nos	0	6.00	0
v	Seed ball : Broad casting/ dibbling of seed balls	Nos	50	2.35	118
				Total 2 :	10026
3	Maintenance for 9 years : 2 nd year @ 25 % + 3 rd year @ 10% + 4 th year to 10 th year 7 X @ 5% = 70% of afforestation	Year			7018
				Total (1+2+3) :	52044
				Overhead 10% of total	5204
				Total (Dumping Site-11) :	57248

DUMPING SITE-12

FOREST AREA 0.0625 Ha.

Location: 46/P (33° 8'6.98"N 75° 2'2.44"E)

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	350	100.00	35000
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.	Nos	100	40.03	4003
ii	Agave :- Agave bulbs planted between interspaces of plants, open spaces & along the fence line of size	Nos	300	15.45	4635
iii	Grass Slips :- (Soil binding grasses Viz vetivers, Napier, Saccharum munja & Arundo donax)	Nos	200	6.35	1270
iv	Cutting :- Ipomea/ Vitex/ Popular/ Salix/ Mulberry (area specific)	Nos	0	6.00	0
v	Seed ball : Broad casting/ dibbling of seed balls	Nos	50	2.35	118
				Total 2 :	10026
3	Maintenance for 9 years : 2 nd year @ 25 % + 3 rd year @ 10% + 4 th year to 10 th year 7 X @ 5% = 70% of afforestation	Year			7018
				Total (1+2+3) :	52044
				Overhead 10% of total	5204
				Total (Dumping Site-12) :	57248

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Er. Ghulam Rasool

Executive Engineer
PMGSY DivisionPage 7 of 8
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B. S. SamrajiForest Range Office
Forest Range
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DUMPING SITE-13

FOREST AREA 0.0625 Ha.

Location: 45/P (33° 8'13.35"N 75° 2'52.22"E)

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	350	100.00	35000
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.	Nos	100	40.03	4003
ii	Agave :- Agave bulbs planted between interspaces of plants, open spaces & along the fence line of size	Nos	300	15.45	4635
iii	Grass Slips :- (Soil binding grasses Viz vetivers, Napier, Saccharum munja & Arundo donax)	Nos	200	6.35	1270
iv	Cutting :- Ipomea/ Vitex/ Popular/ Salix/ Mulberry (area specific)	Nos	0	6.00	0
v	Seed ball : Broad casting/ dibbling of seed balls	Nos	50	2.35	118
				Total 2 :	10026
3	Maintenance for 9 years : 2 nd year @ 25 % + 3 rd year @ 10% + 4 th year to 10 th year 7 X @ 5% = 70% of afforestation	Year			7018
				Total (1+2+3) :	52044
				Overhead 10% of total	5204
				Total (Dumping Site-13) :	57248

DUMPING SITE-14

FOREST AREA 0.0625 Ha.

Location: 45/P (33° 8'23.01"N 75° 2'53.10"E)

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	350	100.00	35000
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.	Nos	100	40.03	4003
ii	Agave :- Agave bulbs planted between interspaces of plants, open spaces & along the fence line of size	Nos	300	15.45	4635
iii	Grass Slips :- (Soil binding grasses Viz vetivers, Napier, Saccharum munja & Arundo donax)	Nos	200	6.35	1270
iv	Cutting :- Ipomea/ Vitex/ Popular/ Salix/ Mulberry (area specific)	Nos	0	6.00	0
v	Seed ball : Broad casting/ dibbling of seed balls	Nos	50	2.35	118
				Total 2 :	10026
3	Maintenance for 9 years : 2 nd year @ 25 % + 3 rd year @ 10% + 4 th year to 10 th year 7 X @ 5% = 70% of afforestation	Year			7018
				Total (1+2+3) :	52044
				Overhead 10% of total	5204
				Total (Dumping Site-14) :	57248

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Er. Ghulam Rasool
Executive Engineer
PMGSY Division
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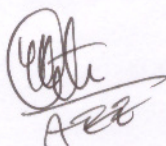
Forest Range Officer
Forest Range

DUMPING SITE-15

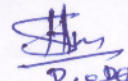
FOREST AREA 0.0625 Ha.

Location: 45/P (33° 8'26.09"N 75° 3'0.46"E)

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	350	100.00	35000
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.	Nos	100	40.03	4003
ii	Agave:- Agave bulbs planted between interspaces of plants, open spaces & along the fence line of size	Nos	300	15.45	4635
iii	Grass Slips:- (Soil binding grasses Viz vetivers, Napier, Saccharum munja & Arundo donax)	Nos	200	6.35	1270
iv	Cutting:- Ipomea/ Vitex/ Popular/ Salix/ Mulberry (area specific)	Nos	0	6.00	0
v	Seed ball: Broad casting/ dibbling of seed balls	Nos	50	2.35	118
				Total 2 :	10026
3	Maintenance for 9 years: 2 nd year @ 25 % + 3 rd year @ 10% + 4 th year to 10 th year 7 X @ 5% = 70% of afforestation	Year			7018
				Total (1+2+3) :	52044
				Overhead 10% of total	5204
				Total (Dumping Site-15) :	57248
				G. Total (Dumping Site-1 to 15) :	858720


Er. Ghulam Rasool
 Executive Engineer
 PMGSY Division
 REASI


 B. Sammet


Forest Range Officer
Forest Range
Bachan