

**Biological measures for stablization of muck dumping site for Construction and up-gradation of Bijarni Lal-Draman Road in Doda Forest Division.**

S.No.	Item of Work	Unit	Quantity	Rate	Amount
1	Fencing :- Using fence post conforming to product code PCFP-3 at spacing of 10' & 5 strands of Galvaized Barbed wire with 2 Criss cross conforming to the product code GA-BW all fence post be fixed in the cement cocree 1:3:6(1 cement:3 coarse sand:6 stone aggregate 40 mm nominal size) block of size 1'6"x1'x1'.	Rft	65	100	6500
2	<b>Afforestation (1st year)</b>				
i	<b>Plantation:-</b> Poly bagged plantng of fast-growing soil binding local species (Trees/Shrubs) in pits of size (45x45x45)cm in staggered fashion along the counter.	Nos.	75	29.34	2200.5
ii	<b>Agave:-</b> Agave bulbs planted between interspacesof plants, open spaces & along the fence line of size.	Nos.	200	15.45	3090
iii	<b>Grass Slips:-</b> (Soil bindin grasses viz: vetivers, Napier, Saccharum munja & Arundo donax)	Nos.	200	6.35	1270
iv	<b>Cutting:-</b> Ipomea/Vitex/Popular/Salix/Mulberry (area specific)	Nos.	50	6	300
v	<b>Seed ball:-</b> Broad casting/dibbling of the seed balls	Nos.	50	2.35	117.5
	<b>Total</b>				<b>6978</b>
3	<b>Maintenance for 9 years :</b> 2nd year @ 25% + 3rd year @ 10% +4th year to 10th year 7x@5%= 70% of afforestation	year			4884.6
4	<b>Geo-Textile Mat</b>	Sq.M	50	300	15000
	<b>Total (1+2+3+4)</b>				<b>33362.6</b>
5	Overhead 10% of total				3336.26
	<b>Total</b>				<b>36698.86</b>
6	<b>Total financial for three identical muck dumping sites</b>				<b>110096.6</b>

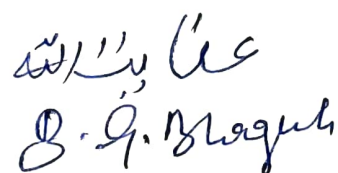
  
Executive Engineer  
PWD (R&B) Doda  
Doda

Range Officer  
Siraj Range

  
Divisional Forest Officer  
Forest Division Doda  
Doda

  
Asstt. Ex Engineer  
PWD (R&B) West Sub Division  
Doda

  
Forest Range Officer  
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B. G. Bhargava

  
B. O. Koti