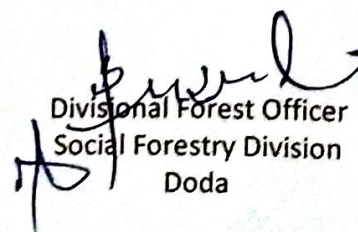


## Biological measures for stabilization of muck dumping site

Area 0.06 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 2cms cross conforming to the product code GA-BW all fence post be fixed in the cement concrete 1 3 6 ( 1Cement 3corse sand:6 stone aggregate 40 mm normal size) block of size 1:6x1'x1'	Rft	78	100	7800
2	<b>Afforestation (1<sup>st</sup> year)</b>				
1	<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	90	29.34	2641
i.	<b>Agave:-</b> Agave bulbs planting between interspaces of plants, open spaces & along the fence line of size.	Nos	240	15.45	3708
ii.	<b>Grass Slip:-</b> (Soil binding grasses viz vetivers, Napier, Saccharum munja & Arundo donax)	Nos	240	6.35	1524
iii.	<b>Cutting :-</b> Ipomea/ Vitex/Popular/Salix/ Mulberry (area specific)	Nos	60	6	360
iv.	<b>Seed ball:-</b> Broad casting /dibbling of seed balls	Nos.	60	2.35	141
	<b>Total</b>				<b>8374</b>
3	<b>Maintenance for 9 years:</b> 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	Year	9 yrs		5862
4	<b>Geo textile Mat</b>	Sq.M	600	300	180000
	<b>Total (1+2+3+4)</b>				<b>202036</b>
5	<b>Overhead 10% of total</b>				20204
	<b>Grand Total</b>				<b>222240</b>

Say 2.223 lac

  
 Divisional Forest Officer  
 Social Forestry Division  
 Doda