


Biological Measures for stabilization of muck dumping site**Title of the Project: - Construction of link road from Beer Bagh to Kanhal Via Shiva****(Proposal No. FP/JK/ROAD/146385/2021****Area:- 0.05 Ha**

| S. No | Item of work | Unit | Quantity | Rate | Amount |
|-------|--|--------|----------|-------|--------|
| 1 | Fencing:- using square fence post conforming to product code PCFP:3 at spacing of 10' & 5 strands of Galvanized Barbed wire with 2 cms cross conforming to the product code GA-B/wire all fence post be fixed in the cement concrete 1 3 6 (1 cement 3 coarse sands; 6 stone aggregate 40 mm normal size) block of size 1:6x1'x1' | Rft | 65 | 100 | 6500 |
| 2 | Afforestation (1st year) | | | | |
| i. | Plantation: 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 | 75 | 29.34 | 2200 |
| ii. | Agave: Agave bulbs planting between interspaces of plants open spaces and along the fence line of size. | Nos | 200 | 15.45 | 3090 |
| iii | Grass slip:- (Soil binding grasses viz vetiversl Napierl Saccharum Munja and Arundo donx) | Nos | 200 | 6.35 | 1270 |
| iv | Cutting:- Ipomea/Vitex/Popular/Salix/Mulberry (area specific) | Nos | 50 | 6 | 300 |
| v | Seed ball:- Broad casting /dibbling of seed balls | Nos | 50 | 2.35 | 117 |
| | Total: 2(i to v) | | | | 6977 |
| 3 | Maintenance for 9 year: 2 nd year @ 25% + 3 rd year @ 10% + 4 th year to 10 th year 7x @ 5% = 70 % of afforestation | Years | 9 year | | 5862 |
| 4 | Geo textile Mat | Sq.mtr | 500 | 300 | 150000 |
| | Total (1+2+3+4) | | | | 169339 |
| 5 | Overhead 10 % of Total | | | | 16934 |
| | Grand Total | | | | 186273 |

Say 1.863 lac


District Forest Officer,
South Forestry Division,
UDA