COST ESTIMATE

FOR ADOPTING Biological measure for protecting Dumping site of Kha to Kharian

S. No	Particulars of Items	slide		No	L	W	H	Qty	Rate	Amount Rs. (in lacs)
1	Earth work in excavation by mechanical means (hydraulic excavator) in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed, within a lead of 50 metres: 2.9.1 All kinds of soil:									
				1	60	1.40	0.60	50.400		
							Cum			
							Total=	50.400	332.00	16733.00
2	Providing, laying and hand packing stone in wall crate including cost of crate and stone (complete job)									
				2	60	1.2	1.2	172.800		
							cum			
							Total=	172.800	1200	207360
							TOTAL=			224093.00

Say Rs. 2.24 lacs

Executive Engineer
PWD (R&B) Division
Rajouri

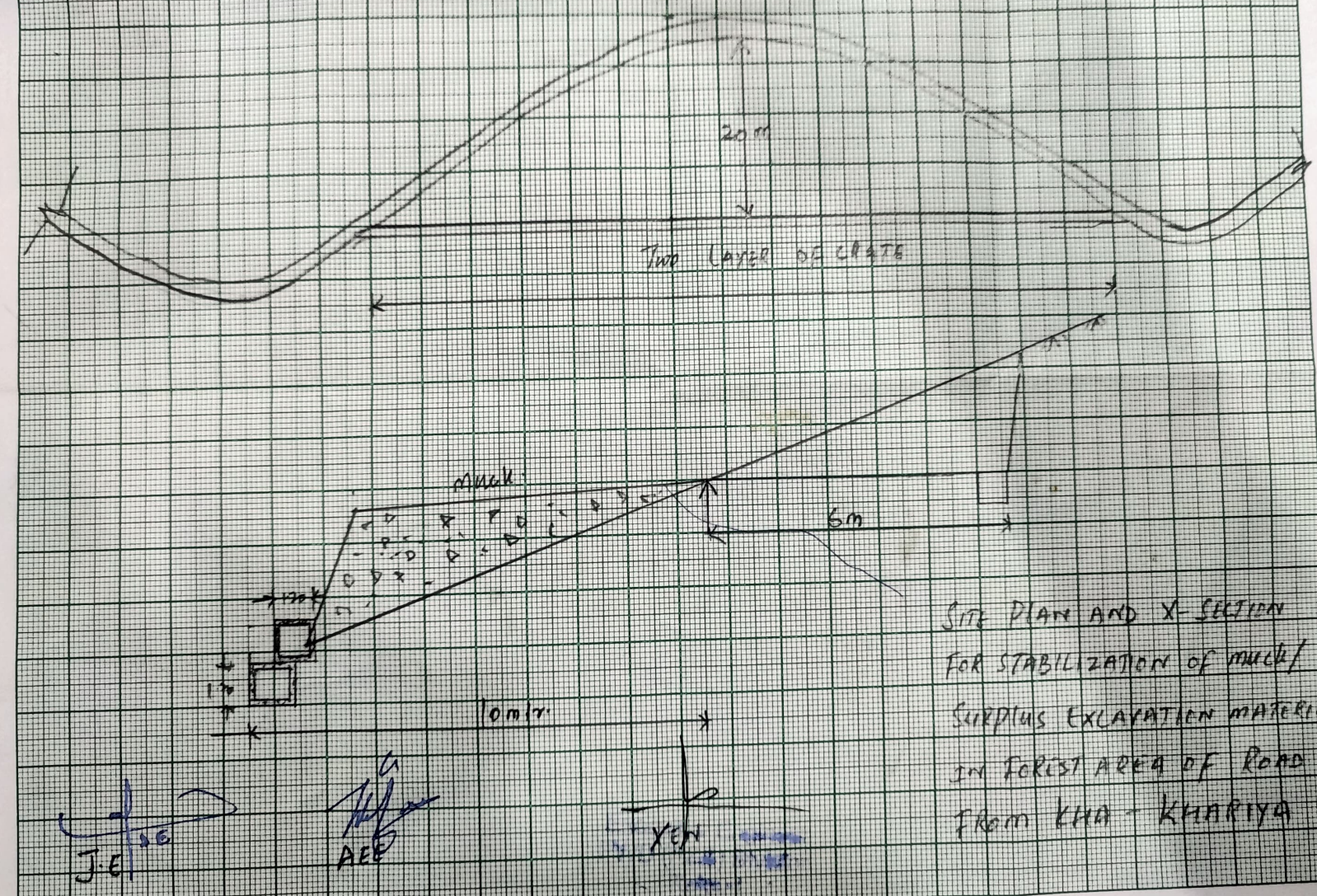
BIOLOGICAL MEASURES FOR STABLIZATIUON OF MUCK DUMPING SITE

(Per Hectare Area)

S. No	Item of Work	Unit	Qty	Rate	Amount
1	Fencing: - Using fence post conforming to product cose PCEP-3 at spacing at stand of Glanced Barbed wire with 2 cross conforming to the product code-GA-BW all fence post be fixed in the cement concrete 1:3:6(1 cement 3 coarse sand:6 stone aggregate 40mm nominal size) Block of size 1'6"1x1	Rft	390	100	39000
02	Afforestation (1" year)				
I	Plantation: -Poly bulbs planting of last growing soil binding local species (Trees/shrubs) in pits of size (45x45x45) cum in staggers fashion along the contour	Nos	450	29.34	13203
II	Agave: - agave bulbs planted between interspaces of plants, open spaces & along the fence line size	Nos	1200	15.45	18540
III	Grass Slips:-(Soil binding grasses viz vetivers, Napier, Saccharum Munja & Arunda donax)	Nos	1200	6.35	7620
IV	Cutting: -Ipcmea/vitex/popular/Salix/Mulberry (Area specific)	Nos	300	6.00	1800
V	Seed Ball: -Board casting/dibbing of seed balls.	Nos	300	2.35	705
3	Maintenance for 9 years: -2rd year @ 25%+3rd year @ 10% +4th year to 10th year 7@5%=70% of afforestation	Year	319	29.34	9360
	Total (1+2+3)				**90228.00**
	Overhead 10% total				**9022.80**
	Grand Total				**99250.80**

Say Rs. 0.99 lacs

SITE PLAN AND X-SECTION FOR STABILIZATION OF MUCK/SURPLUS EXCAVATION MATERIAL IN FOREST AREA OF ROAD FROM KHA TO KHARIYA



SITE PLAN AND X-SECTION FOR STABILIZATION OF MUCK/ SURPLUS EXCAVATION MATERIAL IN FOREST AREA OF ROAD FROM KHA - KHARIYA

J.E

AEE