## Model plan related to Engineering measures for Stabilization of Muck Dumping Sites (2 nos) in forest area

## (For One Dumping Point)

Typical Estimate for construction of Crated wall to protect dumping sites of Surplus Muck/Excavated material in forest area as per Engineering measures.

Taking length of Crated Wall = 50 mtr

Trench excavation in Dense soil for Structure =  $1 \times 25.0 \times 1.40 \times 0.60$ 

= 21.0 cum @ Rs. 332/cum

= Rs. 6972-00

For 6 layered Crated wall,

Quantity = 6 x 25.0 x 1.20 x 1.20 = 216.0 cu m

Amount = 216.0 cum @ Rs. 1200/cum (incl cost of Crates & labour for handling of available stones)

= Rs. 2,59200-00

Total amount for 50 mtr , Six layered Crated wall = 6972-00 + 259200-00 = Rs. 2,66172-00

Rate per mtr = Rs. 10646.88

Say Rs. **10,647-00** 

PWD (R&B) Division

Udhampur

TYPICAL CROSSSECTION AND SITE PLAN OF MUCK DISPOSAL POINT

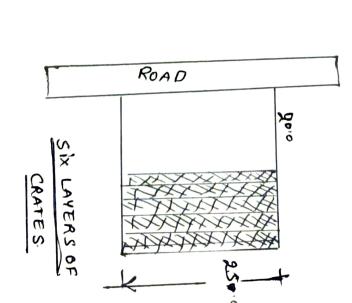
FOR STABLIZATION OF MUCK EXCAVATED FROM FOREST AREA COMING IN THE ALIGNMENT OF BAGAA ROAD 55-0 mbs Show Prestressed Buildy over UTh. NALLAH AT Chiqli Koya Loft Approach (L= 1.0KM)

Road

Assistant Ex. Enginees
WD (R & B) Sub-Division
Reminages

Executive Ingineer PWD (R&B) Division

Udhampur



Full Title of The broject! - Court of 55-0 mil show breaktressed box type bridge over Oth-Nales with affroach ( Left affronch) L= 1.0 KM.

Details of muck | Dubries to be broduced

NAME OF WOCK! court of 55-0 mile show prestressed hox type bridge ever ush. social of quantity to be produced a used during the construction. Nollah with approach ( selt-approach) L= 1-0 Km.

Description of Hours

20

guant thy

ŋ

13,580-0 cm.

no 24 -0 cm

2506.00

Brownshe Muck quantity at work. Total quantity to be produced during constructions

Net grantity to be dumped (4-2)

soil factor a not.

(8+4)

13, 30 8. 40 cm.

3802.40 cm

PWD (R&B) Division Executive Engineer

Udhampur

WOLK & B) Sub-Divide Assismately, Engineer Kaninagar

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PERFORMA-V

PRESTRESSED BOX TYPE BRIDGE OVER UJH NALLAH AT CHIGLI KIYA (LEFT APPROACH) (L=1.0 KM) IN DISTRICT UDHAMPUR, UT STATEMENT SHOWING DETAIL OF PLACES FOR DISPOSAL OF MUCK/DEBRIS OF CONSTRUCTION OF 55.0 MTR SPAN JAMMU AND KASHMIR

	2	<b>L</b>	S.No.
	Kıya	Near Chigli	Name of Dumping place
	0/925 to 0/950	Near Chigli 0/250 to 0/275	Location of Dumping places
Total	1:4	1:4	Slope of Dumping place
1000 sq.m	25m x 20m = 500sq.m	25m x 20m = 500sq.m	Length & Width (in Mtr) Quand Area of Dumping to places (in sqm)
3.44	1.72	1.72	Qty of muck/Debris to be dumped (in 1000 cum)
	10	10	Height of dumping expected Remarks (Area in Bigha)
0.10 ha	0.05 ha	0.05 ha	Remarks (Area in ha)

ASSISTANCES BY Sub-Division

Executive Engineeer
P\RWD (R&B) Division
Udhampur

PERFORMA-III (REFER ITEM 8)
STATEMENT SHOWING DUMPING QUANTITY OF MUCK/DEBRIS TO BE DUMPED WITH OTHER DETAILS FOR CONSTRUCTION OF 55.0 MTR SPAN PRESTRESSED BOX TYPE BRIDGE OVER UJH NALLAH AT CHIGLI KIYA (LEFT APPROACH) (L=1.0 KM) IN DISTRICT UDHAMPUR,

		٠	S.No.
Formation Cutting Work		^	Name of the Component from Muck/Debris to be produced
13580-00		u	Name of the Total Qty. of Qty. of Qty. of Component Muck/Debris Muck/Debris Muck/Debris from to be to be utilized to be Muck/Debris produced (in locally (in dumped on to be cum) cum) compact produced basis (in cum)
4074-00		4	Qty. of Muck/Debris to be utilized locally (in cum)
9506-00		5	
1.4		6	Factor of increase in volume of dumping (in cum)
3802.4		7	Qty. of Muck/Debris to be dumped on basis of increase (in cum)
Chigli Kiya	Near	<b>∞</b>	KASHMIR  Name of  Dumping  Places
1:4		9	Slope of Dumping Places
0/925 to 0/950	0/250 to 0/275	10	KASHMIR  Qty. of Name of Slope of Location of Distance of Auck/Debris Dumping Dumping Dumping Dumping to be Places Places Places, Police Place from Station & River (in basis of nearby road Kms)  increase (in cum)
		11	Distance of Dumping Place from River (in Kms)
0.1	;	1)	Area of Dumping place with Length & breadth (in hect)
0.6	t	1	Area of Height of forest land Muck/Debriout of land in dump Col.10 (in ha) expected (Vol. Area) in mtrs
10	14	2	Area of Height of forest land Muck/Debris out of land in dump Col.10 (in ha) expected (Vol. Area) in mtrs
	15	i I	UT JAMMU AND eight of Remarks ck/Debris dump xpected bl. Area) in mtrs

WO (R & B) Sub-Division Kaninagar the Disputation

PWP(8&B) Divisigon Executive Engineer

Full Title of The project:- CONSTRUCTION OF 55.0 MTR SPAN PRESTRESSED BOX TYPE BRIDGE OVER UJH NALLAH AT CHIGLI KIYA (LEFT APPROACH) (L=1.0 KM)

File No. :-

Date of Proposal :-

0 1000	From To	S.No.	RD		STATEMENT SHOWING THE ROAD LINE TO BE CONSTRUCTED FOR CONSTRUCTION OF 55.0 MTR SPAN PRESTRESSED BOX TYPE BRIDGE OVER UJH NALLAH AT
1000	Non Forest land (in mtrs)			CHIC	ROAD LIN
0	mtrs)		Distance in Mtrs.	CHIGLI KIYA (LEFT APPROACH) (L=1.0 KM) IN DISTRICT UDHAMPUR, UT JAMMU & KASHMIR	VE TO BE C
1000	mtrs)	Total (in			ONSTRUC
6	way	Right of	Width of	)ACH) (L=1	TED FOR C
1000 x 6 =6000sqm or 0.60 Ha	way Forest land Forest land		Area of road	LO KM) IN DI	ONSTRUCTION
0	Forest land	Non	road	STRICT U	ON OF 55.
6000 sqm or 0.60 Ha		HAMPUR, L	0 MTR SPAI		
6000 sqm Chigli Kiya, or 0.60 Ha Chigla Blota	Name of Muck/Debr Muck/Debr Total area Village/Muha ies to ies to be (in sqm) I and forest produce consumed area nearly (Total cum) at work				PRESTRESS
13580	(Total cum)	KASHMIR.	ED BOX TYP		
4074	at work		E BRIDGE O		
9506	Muck/Debrie s to be dumped				VER UJH NA
Remarks					LLAH AT

WD (R & B) Sub Divisios
Ramnagar

Executive Ingineer
PWD (R&B) Division
Udhampur
Udhampur