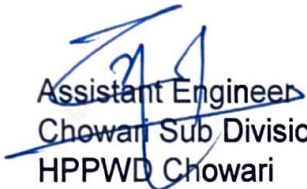


DETAIL OF MEASUREMENT

Name of Work: C/O Link road from Saila Mathla to Lohani Km 0/00 to 5/205

(Sub Head: Dumping place of muck/debris to be dumped in between RD 0/400 to 0/520, 1/470 to 1/590, & 4/345 to 4/465)

S.No.	RD/KM	Name of dumping places	X- Sectional area (Sqm)	Length (m)	Quantity (Cum)
1	0/400 to 0/520	DS I	108.79	120.00	13055.00
2	1/470 to 1/590	DS II	108.79	120.00	13055.00
3	4/345 to 4/465	DS III	108.79	120.00	13055.00
TOTAL					39165.00


Assistant Engineer
Chowari Sub Division
HPPWD Chowari


Executive engineer
Chowari Division
HPPWD Chowari

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Dalhousie Forest Division
Dalhousie

COST ESTIMATION OF RECLAMATION OF DUMPING SITES OF CONSTRUCTION OF LINK ROAD FROM SAILA MATHLA TO LOHANI KM 0/00 to 5/205

S.No.	DESCRIPTION	UNITS	QUANTIT Y	RATE(RS)	AMOUNT (RS)
A	Engineering Measures				
1	Wire Crates and retaining walls	Cum	432.81	2158.66	3850895.00
B	Biological Measures				
1	Cost of fence post	No	25	150	3750.00
2	Carriage of fence Post to work site manually	No	25	8	200.00
3	Fixing of fence post	No	25	4.77	119.00
4	Cost of Barbed wire	Qtl	0.25	5500	1375.00
5	Carriage of barbrd wire by vehicle	Qtl		LS	4000.00
6	Carriage of barbed wire to work site manually	Qtl		LS	1000.00
7	Streching and fixing of barbed wire	Rmt	225	3.16	711.00
8	Interlacing of thorny bushes in Barbed wire	Rmt	225	2.74	617.00
9	Layout of pits	Ha	0.36	68.15	25.00
10	Digging of pits(60cm x 60 cm x 60 cm)	No	1600	6.98	11168.00
11	Filling of pits	No	1600	1.42	2272.00
12	Cost of Plants	No	1600	7	11200.00
13	Carriage of plants by vehicle	No	1600	1.5	2400.00
14	Carriage of plants to work site manually	No	1600	2	3200.00
15	Planting of entire plants raised in polybags	No	1600	8.73	13968.00
16	Planting of shrubs grasses in inerspaces	LS			2000.00
17	Watering of plants during dry season	LS			2000.00
18	Providing imported	No	1600	5	8000.00
19	Watch and ward	Mandays	100	200	20000.00
TOTAL					88005.00
C	Contingencies	LS			10000.00
D	Maintenance 1st to 7th year				35300.00
GRAND TOTAL (A+B+C+D)					3984200.00
Say					3984200.00

Assistant Engineer
Chowari Sub Division
HPPWD Chowari

Executive Engineer
Chowari Division
HPPWD Chowari

Divisional Forest Officer
Dalhousie Forest Division
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STATEMENT SHOWING THE DETAILS OF PLACES FOR DISPOSAL OF ROAD TO BE CONSTRUCTED IN CHAMBA DISTRICT OF HP STATE

S.No	Name of Dumping Place	Location of Dumping Place i.e. Village and Khasra No etc	Slope of Dumping Place	Length, Breadth & area of dumping place (Sqm)	Quantity of muck/ debris to be dumped (Cum)	Height of dumping expected in mtrs	Remarks
1	2	3	4	5	6	7	8
1	DS-I	Chudhana, 582/2	25%	DS-I = 1200 Sqm (L=120 m, Width=10 m)	13055.00	10.87	Along Proposed Road
2	DS-II	Luhani 428/1	25%	DS-I = 1200 Sqm (L=120 m, Width=10 m)	13055.00	10.87	Along Proposed Road
3	DS-III	Luhani 428/2	25%	DS-I = 1200 Sqm (L=120 m, Width=10 m)	13055.00	10.87	Along Proposed Road

Total muck generated from road formation cutting will be 39975.00 Cum. As the road is a new construction muck will be used in filling in depressions, filling in Retaining Walls, wing Walls etc to make road fit for smooth plying of vehicular traffic. So out of 39975.00 Cum 12000.00 Cum of muck will be used in above mentoned construction activities. Rest of muck will be dumped in proposed dumping sites.

Assistant Engineer
Chowari Sub Division
HPPWD Chowari

Executive Engineer
Chowari Division
HPPWD Chowari

Divisional Forest Officer
Dalhousie Forest Division
Dalhousie

**STATEMENT SHOWING THE DUMPING PLACE QUANTITY OF MUCK DEBRIS TO BE DUMPED WITH OTHER DETAIL FOR PROJECT IN
CHAMBA DISTT HIMACHAL PRADESH**

S.No.	Name the Component from where Muck/ Debris is to be produced	Total quantity of muck/ debris to be produced (Cum)	Total Quantity of muck/ debris to be dumped on compact bases (Cum)	Factor for increase in volume for dumping	Quantity of muck / debris to be dumped on basis of increase (Cum)	Name of Dumping Place	Slope of Dumping place	Location of Dumping Place	Distance of Dumping place from nearby river with name of river (Kms)	Area of dumping place with length and Breadth	Area of Ft Land out of Land Col	Height of Muck/ Debris dumped Expressed Vol 11 area in Mtrs	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Road Formation Cutting of hill side	39975.00	12000.00	40%	39165.00	DS-I	25%	DS-I (RD 0/400 to 0/520)	2.00 Kms from Kalam Khhad	DS-I = 1200 Sqm (L=120 m, Width=10 m)	Nil	DS-I=10.87 m	
						DS-II		DS-II (RD 1/470 to 1/590)		DS-I = 1200 Sqm (L=120 m, Width=10 m)		DS-II=10.87m	
						DS-III		DS-III(RD 4/345 to 4/465)		DS-I = 1200 Sqm (L=120 m, Width=10 m)		DS-III=10.87m	

Assistant Engineer
Chowari Sub Division
HPPWD Chowari

Executive Engineer
Chowari Division
HPPWD Chowari

**STATEMENT SHOWING DETAIL OF THE ROAD TO BE CONSTRUCTED (LINK ROAD FROM SAILA MATHLA TO LOHANI) Refer
Item No 9(I) to (IV)**

S.No	RD		Distance in meters			Width or right of way in meters	Area of forest Land	Area of road in			Name of the village and forest nearby	Muck/ Debris to be produced (Cum)	Muck/ Debris to be used locally (Cum)	Muck/ debris to be dumped (Cum)	Remarks
	From	To	In forest land/ Govt Land	In non Forest Land	Total			In forest land/ govt land (Sqm)	In non forest land (Sqm)	Total					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	0/000	5/205	4/868	0/337	5/205	5.00 mtrs on straight portion and up to 7.000 mtrs on curves	29208.00 Sqm (2.9208 Hectare) for road construction	29208.00	2022.00	31230.00	Chudhana, Luhani	39975.00	12000.00	29975.00 Cum (With swell @ 40% = 39165 Cum)	Muck will be disposed in three dumping sites identified along the proposed road


 Assistant Engineer
 Chowari Sub Division
 HPPWD Chowari


 Executive Engineer
 Chowari Division
 HPPWD Chowari