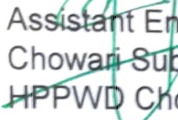
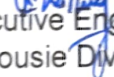



"Annexure RI"

COMPONENT WISE DETAIL OF MUCK TO BE GENERATED IN RESPECT OF  
CONSTRUCTION OF LINK ROAD FROM DHURASAPPAR TO PURKHARA  
(PORTION KUTPLYANA TO PURKHARA KM 4/040 to 11/540)

S.No.	Quantity to be generated (Cum)	To be used Locally (Cum)	To be dumped (Cum)	To be dumped after swell (40%)
1	68328.00	20498.00	47830.00	66962.00

  
Assistant Engineer  
Chowari Sub Division  
HPPWD Chowari

  
Executive Engineer  
Dalhousie Division  
HPPWD Dalhousie

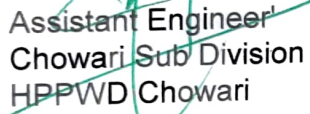
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DFO Dalhousie

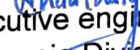
DETAIL OF MEASUREMENT

Name of Work: C/O Link road from Dhurasappar to Purkhara (portion kutplyana to Purkhara) Km 4/040 to 11/540

(Sub Head: Dumping place of muck/debris to be dumped in between RD 7/800 to 8/000, 10/990 to 11/155)

S.No.	RD/KM	Name of dumping places	X- Sectional area (Sqm)	Length (m)	Quantity (Cum)
1	0/400 to 0/520	DS I	175	200.00	35000.00
2	1/470 to 1/590	DS II	210	165.00	34720.00
<b>TOTAL</b>					<b>69720.00</b>

  
Assistant Engineer  
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DFO, Dalhousie

**COST ESTIMATION OF RECLAMATION OF DUMPING SITES OF CONSTRUCTION OF LINK ROAD FROM DHURASAPPAR TO PURKHARA (PORTION KUTPLYANA TO PURKHARA KM 4/040 to 11/540)**

S.No.	DESCRIPTION	UNITS	QUANTITY	RATE(RS)	AMOUNT (RS)
<b>A</b>	<b>Engineering Measures</b>				<b>1880387.00</b>
1	Wire Crates and retaining walls	Cum	871.09	2158.66	
<b>B</b>	<b>Biological Measures</b>				<b>4500.00</b>
1	Cost of fence post	No	30	150	
2	Carriage of fence Post to work site manually	No	30	8	240.00
3	Fixing of fence post	No	30	4.77	143.00
4	Cost of Barbed wire	Qtl	0.3	5500	1650.00
5	Carriage of barbrd wire by vehicle	Qtl		LS	3000.00
6	Carriage of barbed wire to work site manually	Qtl		LS	1500.00
7	Streching and fixing of barbed wire	Rmt	270	3.16	853.00
8	Interlacing of thorny bushes in Barbed wire	Rmt	270	2.74	740.00
9	Layout of pits	Ha	0.41	68.15	28.00
10	Digging of pits(60cm x 60 cm x 60 cm)	No	1800	6.98	12564.00
11	Filling of pits	No	1800	1.42	2556.00
12	Cost of Plants	No	1800	7	12600.00
13	Carriage of plants by vehicle	No	1800	1.5	2700.00
14	Carriage of plants to work site manually	No	1800	2	3600.00
15	Planting of entire plants raised in polybags	No	1800	8.73	15714.00
16	Planting of shrubs grasses in inerspaces	LS			5000.00
17	Watering of plants during dry season	LS			1500.00
18	Providing imported	No	1800	5	9000.00
19	Watch and ward	Mandays	150	200	30000.00
<b>TOTAL</b>					<b>107888.00</b>
<b>C</b>	<b>Contingencies</b>	LS			<b>10000.00</b>
<b>D</b>	<b>Maintenance 1st to 7th year</b>				<b>30600.00</b>
<b>GRAND TOTAL (A+B+C+D)</b>					<b>2028875.00</b>
<b>Say</b>					<b>3984200.00</b>

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Executive Engineer  
Dalhousie Division  
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3/3  
DFO 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	68328.00	20498.00	40%	66962.00	DS-I	25%	DS-I (RD 7/800 to 8/000)	2.00 Kms from Naini and Hobardi Khhad	DS-I = 2400Sqm (L=200 m, Width=12 m)	Nil	DS-I= 16 m	
						DS-II		DS-II (RD 10/990 to 11/155)		DS-I = 1650 Sqm (L=165 m, Width=10 m)		DS-II= 18 m	

Assistant Engineer  
Chowari Sub Division  
HPPWD Chowari

Executive Engineer  
Dalhousie Division  
HPPWD Dalhousie

Place Dalhousie  
Date

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*46*  
*[Signature]*  
DFO Dalhousie

**STATEMENT SHOWING DETAIL OF THE MUCK ROAD TO BE CONSTRUCTED ( LINK ROAD FROM DHURASAPPAR TO PURKHARA  
(PORTION KUTPLYANA TO PURKHARA KM 4/040 to 11/540)) 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	
	4/040	11/540	7/007	0/493	7/500	5.00 mtrs on straight portion and up to 7.000 mtrs on curves	42042.00 Sqm (4.2042 Hectare) for road construction	42042.00	2958.00	45000.00	Villages (Delag, Dramman, Purk hara) Forest ( Trangdraman DPF , naghar and purkhara DPF)	68328.00	20498.00	47830 Cum (With swell @ 40% = 66962 Cum)	Muck will be disposed in two dumping sites identified along the proposed road	

*Gulshan Singh*  
Executive Engineer  
CHOWARI Division  
HPPWD CHOWARI

4/s  
*Ranjana*  
DFO Dalhousie

*Ranjana*  
Assistant Engineer  
Chowari Sub Division  
HPPWD Chowari

Place Dalhousie  
Date \_\_\_\_\_

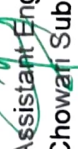
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PERFORMA V

**STATEMENT SHOWING THE DETAILS OF PLACES FOR DISPOSAL OF MUCKROAD 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 (Sq.m)	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	Dramman 25/3	25%	DS-I = 2400Sq.m (L=200 m, Width=12 m)	35000.00	16.00	Along Proposed Road
2	DS-II	Purkhara 622/533/1/3	25%	DS-I = 1650 Sq.m (L=165 m, Width=10 m)	34720.00	18.00	Along Proposed Road

Total muck generated from road formation cutting will be 68328.00 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 68328.00 Cum 20498.00 Cum of muck will be used in above mentioned construction activities. Rest of muck will be dumped in proposed dumping sites.


  
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Chowari Sub Division  
HPPWD Chowari

  
Executive Engineer  
Dalhousie Division  
HPPWD Dalhousie

Place Dalhousie

Date

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DFO Dalhousie