

उत्तराखण्ड लोक निर्माण विभाग



अतिरिक्त संलग्नक २.१९

क्षेत्र का नाम :- गढ़वाल

वृत्त का नाम :- ८वॉ वृत्त, लो०नि०वि०, टिहरी
जनपद का नाम :- टिहरी
खण्ड का नाम :- निर्माण खण्ड, लो०नि०वि०, चम्बा, टिहरी गढ़वाल
लोक सभा क्षेत्र :- टिहरी
विधानसभा क्षेत्र :- टिहरी

प्रस्ताव

कार्य का नाम :- **Proposal For Muck Disposal in Construction of Thangdhar Thauldhar Motor Road**

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**List of Officers
Preparing Estimate**

Name	Designation	Signature
Er.S.K. Rai	Superintending Engineer, 8th Circle	
Er. Rajendra Pal	J.E. (T) 8th Circle	
Er. Vipul kumar Saini	Executive Engineer	
Er. Shalendra Pandey	J.E. (T)	
Er. A. K. NAUTIYAL	Assistant Engineer	
Er. Shalendra Pandey	Junior Engineer	

परियोजना का नाम:- Proposal For Muck Disposal in Construction of
Thangdhar Thauldhar Motor Road

मक डम्पिंग प्लान / प्रमाण पत्र

प्रमाणित किया जाता है कि जनपद टिहरी गढ़वाल में राज्य योजना के अन्तर्गत ठांगधार थौलधार मोटर मार्ग (7.775 किमी०) के नव निर्माण से उत्पादित मलवे को उचित प्रक्रियानुसार सुरक्षित स्थान पर डम्पिंग किया जायेगा। मलवा कहीं भी वृक्ष आच्छादित क्षेत्र एवं जल स्रोतों में नहीं डाला जायेगा।


कनिष्ठ अभियन्ता
नि.ख. लो०नि०वि०,
चम्बा


सहायक अभियन्ता
निर्माण खण्ड, लो०नि०वि०
नि.ख. लो०नि०वि०,
चम्बा


अधीक्षक अभियन्ता
नि० खण्ड लो० नि० विभाग
नि.ख. लो०नि०वि०
चम्बा, टि० रा० (पि० ए०)
चम्बा

परियोजना का नाम:- Proposal For Muck Disposal in Construction of
Thangdhar Thauldhar Motor Road
Length:- 7.775 Km

परियोजना से उत्पादित मलबा हेतु निस्तारण योजना

Recived Cutting Material

Sl. No	Description of Work	Quantity	Unit
1	Material received from hill side cutting(1 x 1/2 2850.00	69391.88	Cum
	30% For Swell Factor	20817.56	Cum
	Total	90209.44	Cum
<u>Disposal and use of Material</u>			
1	R.R Stone Masonary Laid in 1:5	15016.00	Cum
2	R.R Stone Masonary Laid in dry	15016.00	Cum
3	Hand Packed stone Filling	2200.00	Cum
4	Constraction of Wire Create	5300.00	Cum
5	Constraction of Parapet / Scupper	3500.00	Cum
6	Granular Sub base/Base/Surface	7910.00	Cum
7	Super Elevation & Coolie Walling	6600.00	Cum
	Total (A)	55542.00	Cum
	TOTAL USED		
9	Material Disposal by cartage in Dumping Yard	34667.44	Cum
	Total (B)	34667.44	Cum
	TOTAL Disposal		

(A) Quantity of Material Disposal to Dumping = (Material received - Total used Material)
= (40608.75 - 25130.00)

= **34667.44 Cum**

(B) Total Quantity of Muck Disposal at Dumping Yard's

= **34667.44 Cum**

Now Total Balance Quantity of Muck to Disposal

= A - B

= 0.00

(Nil)


कनिष्ठ अभियन्ता
नि.ख. लो०नि०वि०,
चम्बा


सहायक अभियन्ता
नि.ख. लो०नि०वि०
चम्बा (विहारीगढ़बाब)


अधीक्षक अभियन्ता
नि.ख. लो०नि०वि०, विभाग
चम्बा, नि.ग. (य० ए०)
चम्बा

Detail of Measurement

Name Of Work:-

Construction of Thangdhar-Thauldhar Motor Road
Proposal For Muck Disposal in Construction of Thangdhar Thauldhar Motor Road

Received Cutting Material

1	Material received from hill side cutting					
		1 x 1/2	7775.00	5.95	3.00	69391.88 Cum
					30% For Swell Factor	20817.56 Cum
					Total	90209.44 Cum

Disposal And Use Of Material

	Random Rubble Stone Masonry laid in breast walls, retaining walls etc. including supply of all material, labour, T&P and royalties etc.(As per PWD Uttarakhand					
	In R/Wall	1 x 7.775	500.00	(2.25 + 0.60) /2	5.00	27698.44 Cum
	In B/Wall	1 x 7.775	200.00	(0.90 + 0.60) /2	2.00	2332.50 Cum
					Total	30030.94 Cum
					R.R 1:6 Qty (50% Of Total Qty)	15015.47 Cum
					Say.	15016.00 Cum
1					R.R Dry Qty (50% Of Total Qty)	15015.47 Cum
					Say.	15016.00 Cum
2						
3	H.P stone filling in back of wallis including cost of allmaterials,royalty. T&P					
	In R/Wall	1/3 x 7.775	500.00	(0.90 + 0.60) /2	2.25	2186.72 Cum
					Total	2186.72 Cum
					Say.	2200.00 Cum
4	Providing and laying of wire crates 3.00x1.50x1.50 in size with a 10 gauge BWG GI wire conforming to IS: 280 & IS:4826 in 150mm x 150mm mesh laid with stone boulders weighing not less than 25 kg each.(As per PWD Uttarakhand Specification)					
	In R/Wall	7.775 10	10.00			778 No
					Total	778 No
					Total In Cum	5248.13 Cum
					Say.	5300.00 Cum
5	Constriction of Parapet & Scuppers	7.775 50	2.00	0.45	0.60	209.93 Cum
	Constriction of Scuppers	7.775 8				3358.80 Cum
					Total In Cum	3568.73 Cum
					Say.	3500.00 Cum

6	Granular base/Base/Surface	Sub	7.775 1	1000.00	4.05	0.10	3148.88 Cum
			7.775 1	1000.00	3.75	0.08	2332.50 Cum
			7.775 1	1000.00	3.75	0.08	2332.50 Cum
						Total In Cum	7813.88 Cum
						Say.	7910.00 Cum
7	Super elevation & Coolie Walling						
	Earth and Boulder filling for Regarding for super elevation Taking 35 Curves in 1 km and length 30 m each						
		35 x 7.775	30.00	(0+0.30/2)	3.00		3673.69 Cum
	For Protection of Edge Damaged	1 x 7.775	700.00	(0.60 + 0.50) /2	1.00		2993.38 Cum
						Total	6667.07 Cum
						Say.	6600.00 Cum

कनिष्ठ अभियन्ता
नि.ख. लो०नि०वि०,
चम्बा

सहायक अभियन्ता
नि.ख. लो०नि०वि०,
चम्बा (डिप्टी-निर्वाह)

अधीक्षक अभियन्ता
नि.ख. लो०नि०वि०,
चम्बा (डिप्टी-निर्वाह)

(Name Of Work:-

Proposal For Muck Disposal in Construction of Thangdhar Thauldhar Motor Road

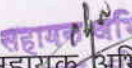
Location And Quantity Of Dabries Disposal

Si No	Cross Section Of Dumping Yard	Size Of Dumping Yard	Type of Land	Capacity of Dumping Yard (Cum)
1	X Sec 0 /31 to 0/35	125.00 x 8.00 x 6.00 = 6000.00	Private Land	6000.00
2	X Sec 3/20 to 3/25	125.00 x 9.00 x 7.00 = 7875.00	Private Land	7875.00
3	X Sec 3 /31 to 3 /35	100.00 x 8.00 x 6.00 = 4800.00	Private Land	4800.00
4	X Sec 5/13 to 5/16	80.00 x 9.00 x 7.00 = 5040.00	Private Land	5040.00
5	X Sec7/23 to 7/31	200.00 x 8.00 x 7.00 = 11200.00	Private Land	11200.00
Total				34915.00

Catogary Of Dabries Disposal

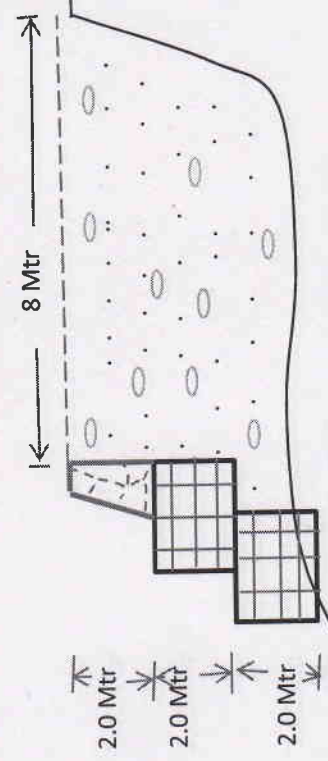
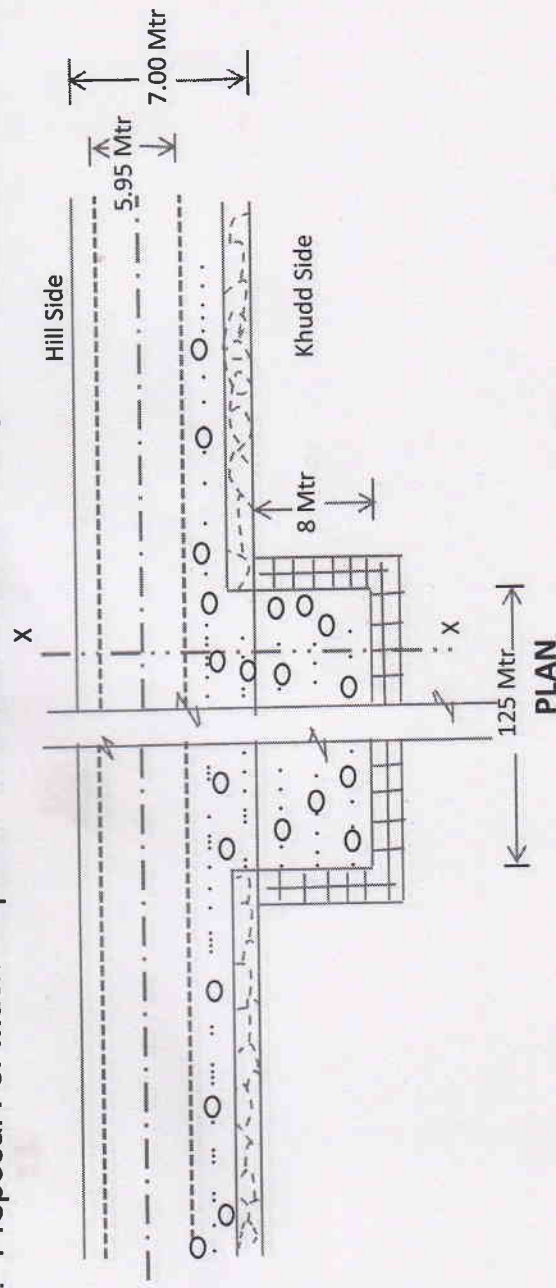
Si No	Total Dabries	Material Disposal by Cartage	Re Used Material For Road	Total Disposal In Dumping Zone	Balance Dabries
1	90209.44	34667.44	55542.00	34915.00	0.00


कनिष्ठ अभियन्ता
नि.ख. लो०नि०वि०,
चम्बा


सहायक अभियन्ता
नि.ख. लो०नि०वि०,
चम्बा


अधीक्षक अभियन्ता
नि.ख. लो०नि०वि०,
चम्बा

Name Of Work :- Proposal For Muck Disposal in Construction of Thangdhar Thauldhar Motor Road



X-Sec on 0/31 to 0/35

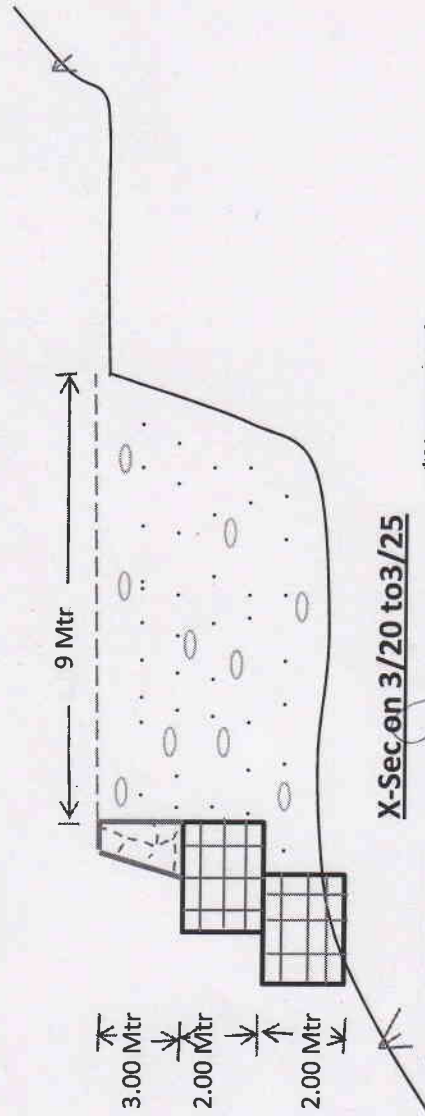
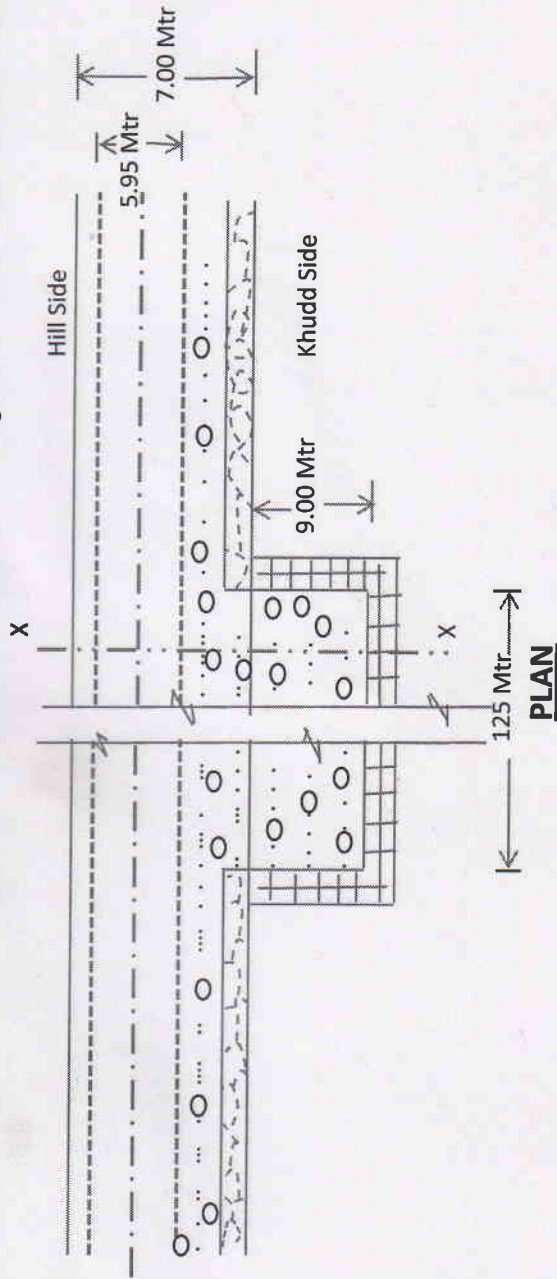
*Not to Scale

J.E.

E.E.
Const. Div. Chamba (I.G.) विभाग
नि. उग्र सी. नि. विभाग
चम्पा, टि. गं. (यं. एं.)

निर्माण विभाग, चम्पा
नि. उग्र सी. नि. विभाग
चम्पा, टि. गं. (यं. एं.)

Name Of Work :- Proposal For Muck Disposal in Construction of Thangdhar Thauldhar Motor Road



X-Section 3/20 to 3/25

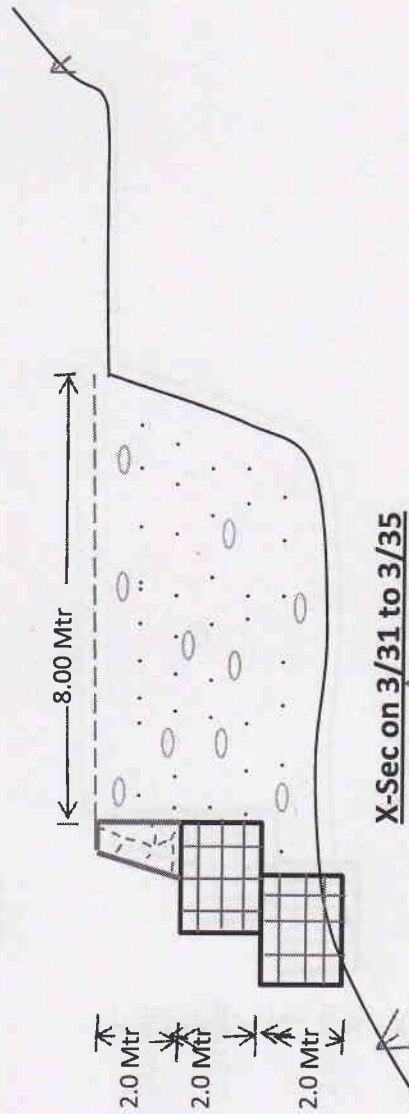
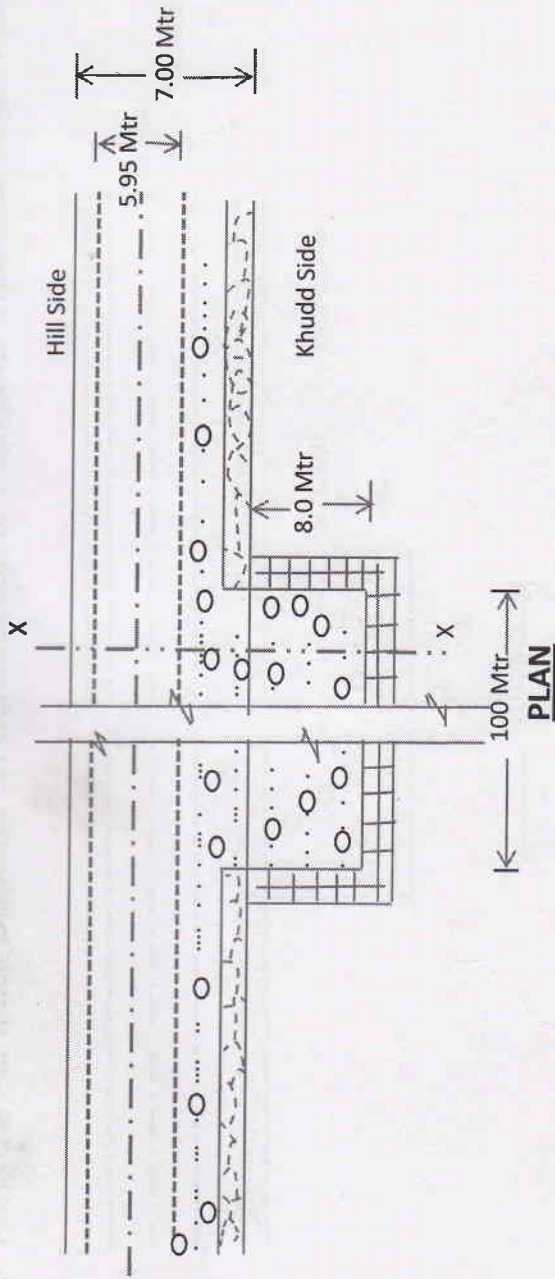
*Not to Scale

J.E

अधिवक्ता अभियन्ता
Const. Div. Chamba-I ग्रविभाग
चम्पा, टि.गं. (यु.ए.)

अधिवक्ता अभियन्ता
निर्माण खण्ड, लो.नि.वि.
चम्पा (टि.गं.-गुडवाब)

Name Of Work :- Proposal For Muck Disposal in Construction of Thangdhar Thauldhar Motor Road



*Not to Scale

E.E
Const. Div. Chamba (H.G.)
नि. डि. खण्ड, लो. नि. विभाग
बम्बा, टि. गं. (य. ए.)

सहायक अभियन्ता
निर्माण खण्ड, लो. नि. वि.
बम्बा (टि. गं. गढ़वाल)

J.E

The plan view shows a dam structure with the following dimensions and layout:

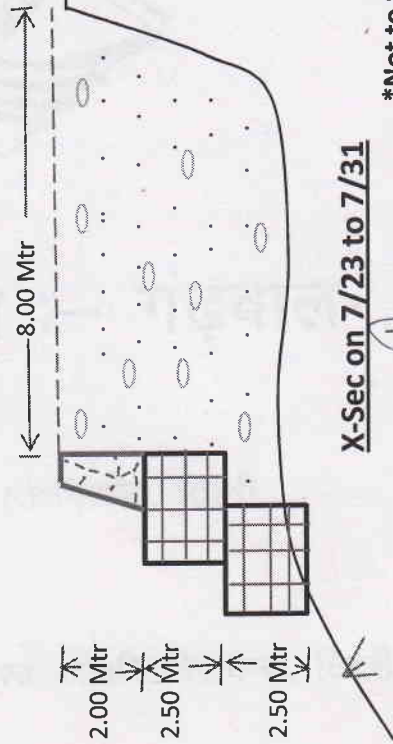
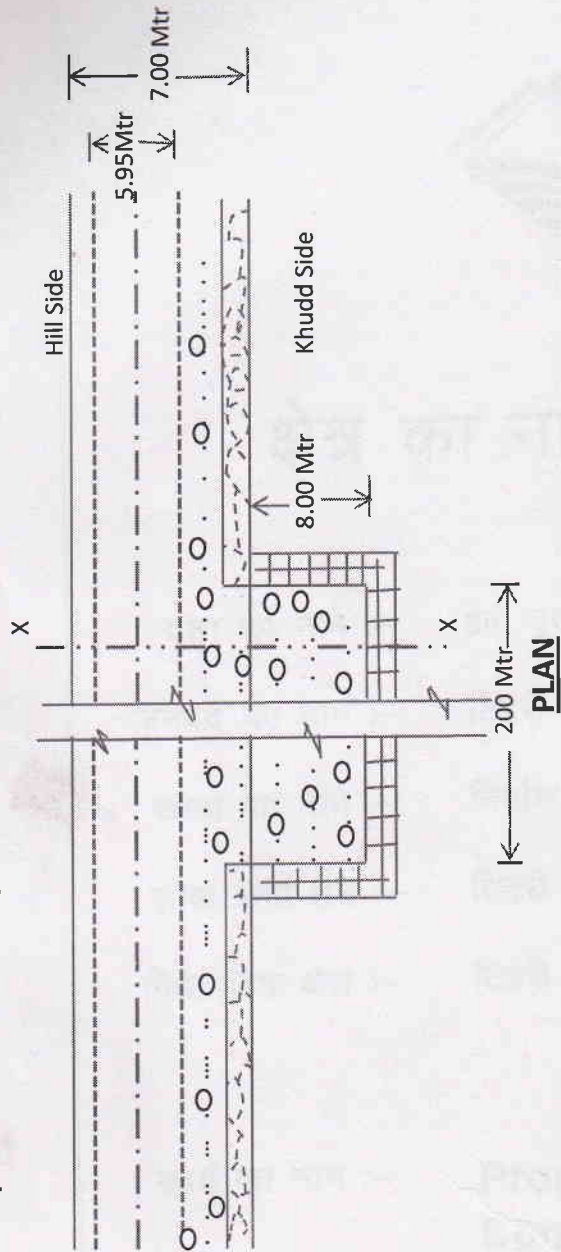
- Overall Length:** 80.00 Mtr
- Upstream (Hill Side) Dimensions:**
 - Top width: 7.00 Mtr
 - Core width: 5.95 Mtr
 - Core thickness: 9.00 Mtr
- Downstream (Khudd Side) Dimensions:**
 - Core thickness: 9.00 Mtr
 - Toe width: 2.00 Mtr
 - Heel width: 2.50 Mtr
 - Foundation width: 2.50 Mtr
- Internal Features:** The dam body contains a grid of circles representing reinforcement or structural elements.
- Orientation:** The dam is oriented along a dashed line labeled 'X' at both ends.

***Not to Scale**

E.E.
Const. Dr. Dhanamba (नि. हिन्यता
नि० 'कुण्ड' लो० नि० विभाग
बम्बाई, टि० ग० (यू० ए०)

सद्व्यवहारीभियन्ता
निर्माण खण्ड, लो० नि० वि०
सम्भा (विहरी-गढ़नाथ)

Name Of Work :- Proposal For Muck Disposal in Construction of Thangdhar Thauldhar Motor Road



सहायक अभियन्ता
निर्माण खण्ड, लो० नि० बि०
बम्बई (दिहरी-गढ़नाब)

Const. Div. Chamba (P.G.)
नि० डि० लो० नि० बि० विभाग
बम्बई, दि० न० (पू० ए०)

J.E.



DUMPING YARD-1

ADP
JE

सहायक अभियन्ता
निर्माण (सड़क, सी.नि. बि.
मजदूर, टिहरी-नरनाब)

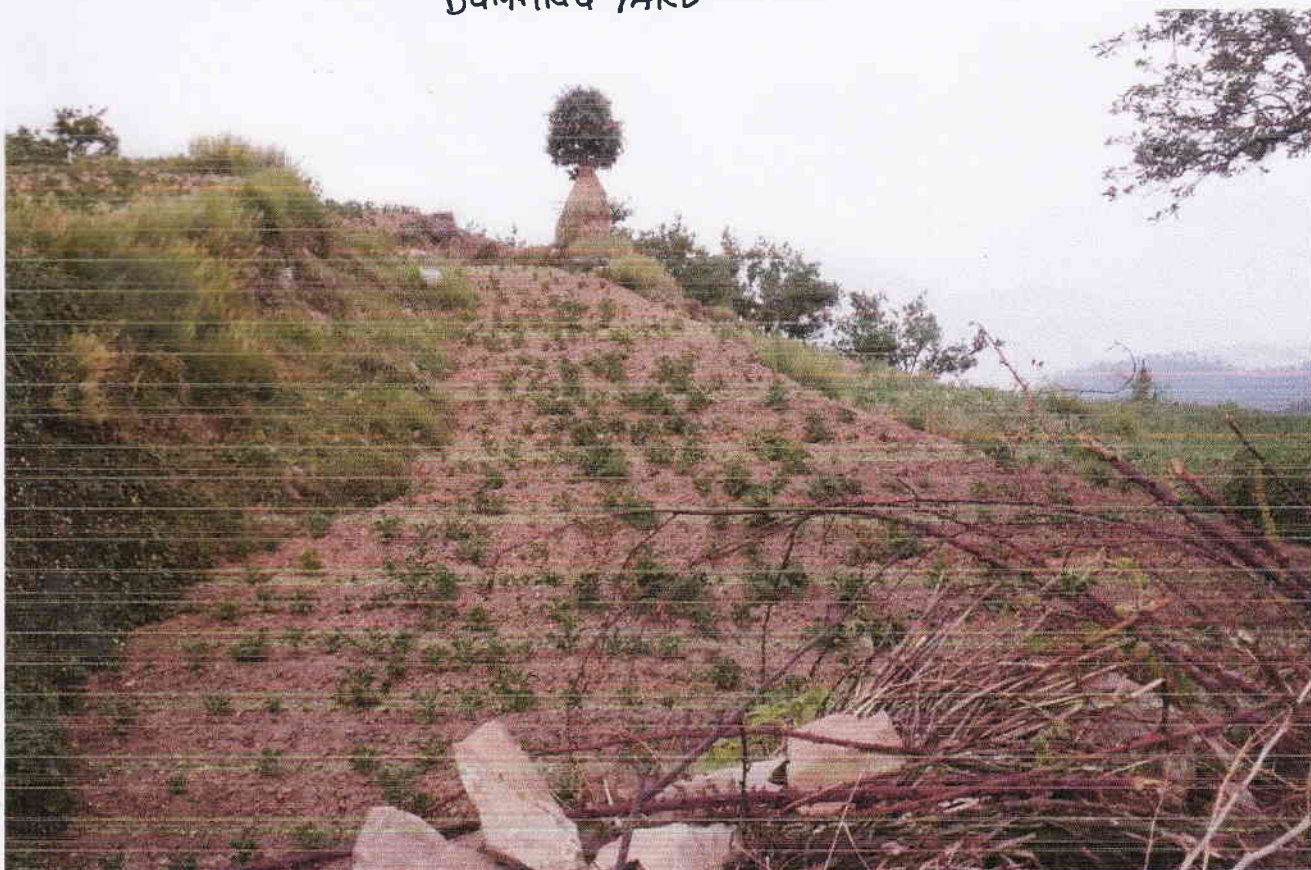
आधिकाारी अभियन्ता
नि० ७५४/२०००/नि० निर्माण
बम्बा, टिहरी (२०० ए०)

आधिकाारी
आवासीय वसाहती
टिहरी-नरनाब
वर्ग टिहरी

वन आधिकारी
टिहरी राजि
नरु टिहरी



DUMPING YARD



DUMPING YARD - 2

AE
JE.

AE
नि.वि.
(य.ए.)

यधिरावो अभियन्ता
नि. (य.ए.) नि. वि.पाग
कमरा टि. ग. (य.ए.)

विभागाध्यक्ष
नि.वि.पाग
वि.वि.पाग
वि.वि.पाग

वि.वि.पाग
वि.वि.पाग
वि.वि.पाग

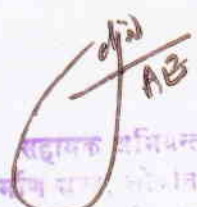


DUMPING YARD-3



DUMPING YARD-3


J.E.


AB
सहायक अभियन्ता
निर्माण विभाग, जिला नगरपालिका


अभियन्ताको अभियन्ता
निर्माण विभाग, जिला नगरपालिका


सहायक अभियन्ता
निर्माण विभाग, जिला नगरपालिका


अभियन्ताको अभियन्ता
निर्माण विभाग, जिला नगरपालिका



DUMPING YARD-4



DUMPING YARD-4

JE

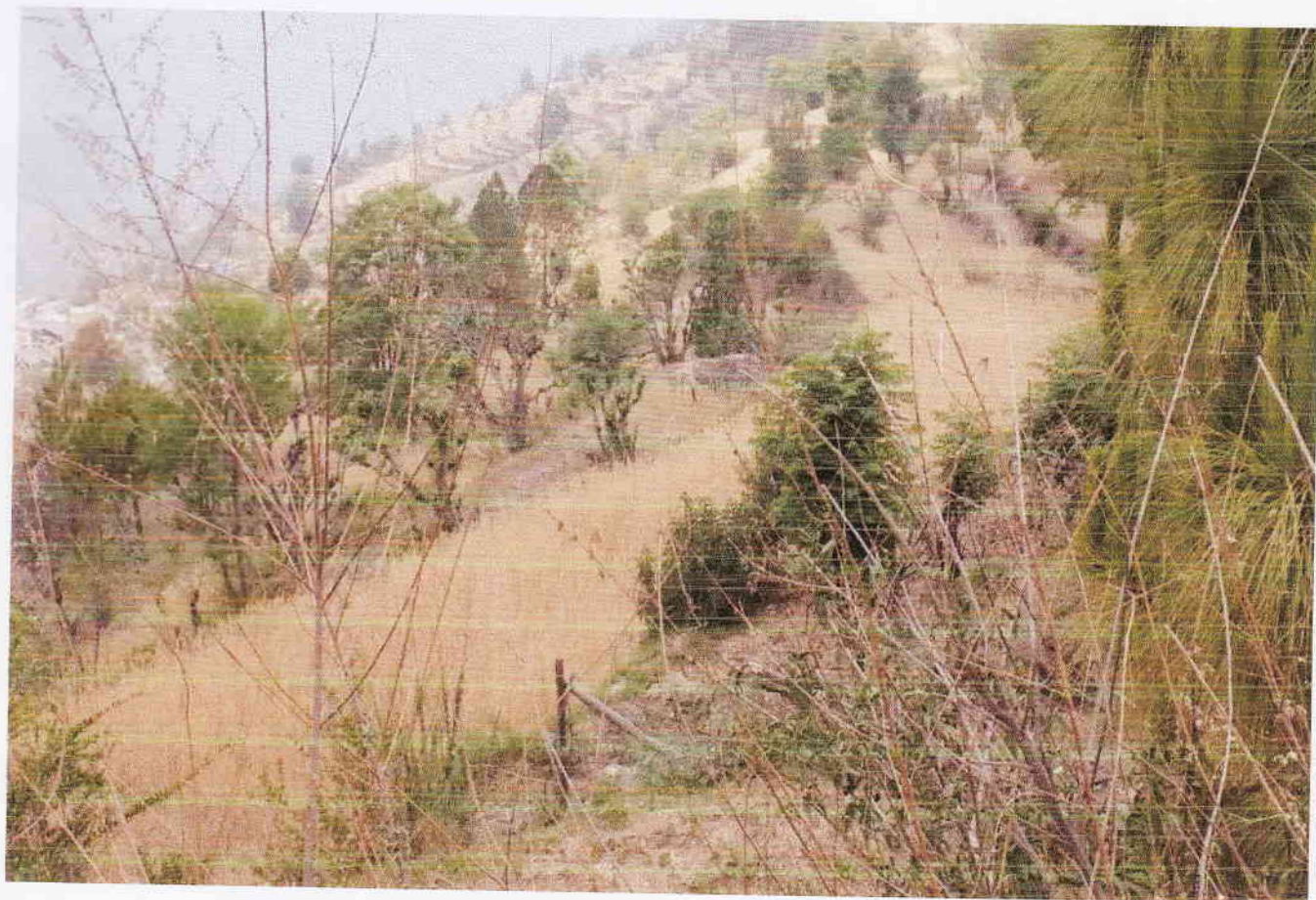
सहायक अभियन्ता
निर्माण खण्ड, सी० नि० वि०
अम्दा (दिहरी-गढ़वाल)

अभियन्ता
नि० मा० सी० नि० विभाग
अम्दा, दि० ग० (प० ए०)

आवृत्ति

असादी वनाधिकारी
दिहरी गढ़वाल
गढ़वाल

वन क्षेत्राधिकारी
दिहरी राजि
नई दिहरी



DUMPING YARD - 5

[Signature]
JE

[Signature]
A2
सहायक अभियन्ता
निर्माण खण्ड, सो. नि. वि.
(नि. वि. वि.)

[Signature]
अ. प्रशास. अभियन्ता
नि. वि. ख. सो. नि. वि. विभाग
(नि. वि. वि.)

वन क्षेत्राधिकारी
टिहरी राजी