



**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT**

01899-240618, 297000

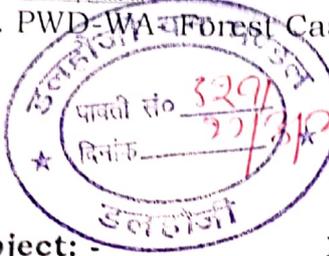
Fax No 01899-240618

E-mail- ce-dal-hp@nic.in

No. PWD-WA Forest Case /2021-22:- 18800

Dated:- 22/03/22

To,



The Divisional Forest officer,
Dalhousie Forest Division
Dalhousie

Subject:-

Diversion of 3.64 ha. Of Forest land in favour of HPPWD for the construction of link road to village Dangardi KM 0/0 to 5/675 within the jurisdiction of Dalhousie Forest Division District Chamba H.P.

Reference:-

MOEF site

With reference to the letter referred above, the following observations in respect of construction of link road to village Dangardi Km 0/0 to 5/675 within the jurisdiction of Dalhousie Forest Division District Chamba H.P are attended as under:-

- Point No.1. One no sub village of habitations Dandardi i.e. Padreta falls at chainage 5/675 and agricultural lands of People of Dangardi habitations falls beyond Dangardi village so the road has been proposed up to chainage 5/675.
- Point No.2. The revised liner plan with bridge part has been uploaded in MOEF site and hard copy is hereby enclosed.
- Point No.3. All records of consultations and meetings wit Gram Sabha (s) and FRC (s) of concerned village are uploaded in MOEF site and hard copy is hereby enclosed .
- Point no.4. Pertain to DFO Office .
- Point No.5. The revised certificate of length & width has been uploaded in MOEF site and hard copy is hereby enclosed.
- Point Nop.6. The alternate alignment certificate duly authenticated by the DFO concerned has been uploaded in MOEF site and hard copy is hereby enclosed.
- Point No.7. The correct KML file with dumping sites has been uploaded in MOEF site .

Point No.8. The revised Muck management plan with detail of length and width of each dumping site has now been mentioned in muck management plan and muck management plan & reclamation plan duly authenticated by the DFO concerned has been uploaded in MOEF site and hard copy is hereby enclosed.

Point No. 9. The local people of this area have only agriculture land no extra land is available . So the dumping sites are proposed in forest land.

Point No.10. Pertain to DFO office Dalhousie.

Point No. 11. The joint inspection Report regarding violation uploaded in online Part-I and hard is hereby enclosed.

Point No.12. The revised /corrected muck management plan and reclamation plan duly authenticated by DFO concerned has been uploaded on MOEF site and hard copy is hereby enclosed.

Point No.13. Pertain to DFO office Dalhousie.

Point No. 14. The Retaining walls and Breast walls will be constructed at the particular point wherever soil erosion occurs during and after the executing of work.

Point No. 15. Needful has been done.

Point No.16. Pertain to DFO office Dalhousie.

Point No.17. The administrative approval letter has been uploaded on line and hard copy is hereby enclosed .

Point No. 18. Needful has been done in online Part-1

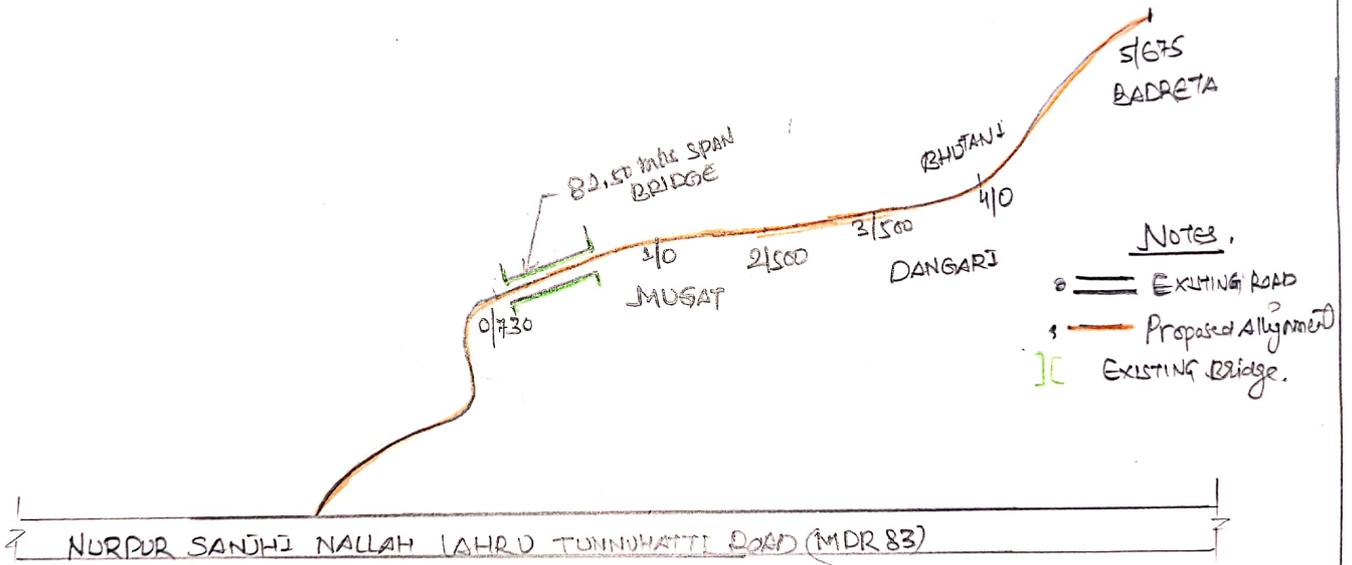
9/C Misc
22/3

DA/As above.

Oh
Executive Engineer
Dalhousie Division
HP/PWD Dalhousie

N.T.S.

LINEAR PLAN OF LINK ROAD TO VILLAGE DANGARI KM 0 TO 5/675.



[Signature]
Divisional Forest Officer
Dalhousie Forest Division
Dalhousie Pir - 176304

[Signature]
JE
Assistant Engineer,
Chowari Sub-Division,
HPPWD, Chowari

[Signature]
Executive Engineer
Dalhousie Division
HPPWD Dalhousie

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आज दिनांक 6-6-2014 को ग्राम पंचायत परखोड़ के मुखाल बख्ता में वन अधिकार समिति बनाने की बैठक आयोजित की प्रमोद सिंह की अध्यक्षता में आरम्भ हुई, जिसमें उपस्थित 10/10 रही व उपस्थित सदस्यों के नाम निम्न हैं -

नाम	पद	हस्ताक्षर
श्री प्रमोद सिंह	अध्यक्ष	प्रमोद सिंह
श्री नागेश	सचिव	नागेश
श्री कुभाष	सदस्य	कुभाष
श्री मती मामा	-11-	कुभाष सिंह
श्री रविन्द्र	-11-	माया
श्री सकिन्द्र	-11-	Ravinder Kumar
श्री जागीन्द्र	-11-	सकिन्द्र सिंह
श्री मती स्वर्णा	-4-	स्वर्णा
श्री मती कान्ता	-11-	जागीन्द्र
श्री मती निर्मला	-11-	कान्ता देवी
		निर्मला देवी

आज की बैठक में निम्न कार्यवाही अमल में लाई गई:

ग्राम पंचायत परखोड़ के मुखाल बख्ता में वन अधिकार अधिनियम 2006 के अन्तर्गत कार्य / अधिप आमंत्रित करने वाले;

आज की बैठक में अध्यक्ष महोदय ने यह प्रस्ताव रखा कि सरकार के दिशा-निर्देशानुसार परबरेल का विनियम से लड़ते हैं

Page 5
Panchayat Secretary
Gram Panchayat
Dev. Block Shattiv.
Archhar

पर वन अधिकार समिति के अधिकारों को उपरोक्त समय
 अवधि में प्रस्तुत करें व यह दर्ज / ऑनफ सविन
 वन अधिकार समिति द्वारा संरक्षण में रहेंगे, जो
 वन अधिकार समिति द्वारा कुशल द्वारा तीन माह के
 भीतर निपटाकर उपमण्डलीय वन अधिकार समिति
 को भेजे जाएंगे। अतः इस प्रस्ताव को उपस्थित कार्य
 सहयोग से सर्वसम्मति से पारित किया व अनुमोदित किया
 प्रतिनिधि:- 1. श्री मान 1000 अक्षित जी की सेवा में
 आगामी कार्यालय हेतु प्रेषित है।

सार्वजनिक दृष्टक स्थानों पर समाप्त जन-साधारण कुशल
 वरना को सूचना के लिए चरमान हेतु प्रेषित है।

धन्य

Panchayat Secretary
 Gram Panchayat ...
 Dev. Block Bhattiyal,
 Jist, Chambe (H.P.)

PARChore

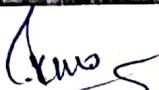
सत्र दिनांक ०२.०२.२०१५ को ग्रामपाल कक्षा में
 ग्रामपाल के विचारितेका बहाल का आयोजित समिति चालित
 करने के लिए उपयुक्त रूप का सामोका क्रिम चाला।
 शिरकी आरुपक्षता बाई आरुपक्षती कुशाल सिंह नेकी
 व सुपाठिगति चाला। इवरी व लक्ष लेका से निम्न
 सदस्यों ने कला क्रिम।

क्रम संख्या	नाम	गौण	लिंग	हस्ताक्षर
1	प्रभाकर सिंह	वरला	पुरुष	प्रभाकर सिंह
2	जाना चन्द	वरला	पुरुष	जाना चन्द
3	शशी कुमार	वरला	पुरुष	Shashi Kumar
4	जाना चन्द सिंह	वरला	पुरुष	जाना चन्द सिंह
5	सोनी देवी	वरला	इस्त्री	सोनी देवी
6	कंचना देवी	वरला	इस्त्री	कंचना देवी
7	निर्मला देवी	वरला	इस्त्री	Nirmala Devi
8	ललिता देवी	वरला	इस्त्री	Lalita Devi
9	जफा राम	वरला	पुरुष	जफा राम
10	रणो	वरला	पुरुष	रणो
11	संजय कुमार	त्रिभुवली	पुरुष	Sanjay K.
12	रूप सिंह	वास	पुरुष	Roop Singh
13	जगदीश सिंह	त्रिभुवली	पुरुष	Jagdish Singh
14	राम विशेश	वागवन्श	पुरुष	Ram Vishesh
15	जयराज सिंह	वास	पुरुष	Jayraj Singh
16	रीना देवी	वास	इस्त्री	Reena Devi
17	जाना सिंह	वास	पुरुष	Jana Singh
18	जाना चन्द सिंह	वास	पुरुष	Jana Chandra Singh
19	दावली देवी	वास	इस्त्री	Daavali Devi
20	आशा देवी	वास	इस्त्री	Asha Devi
21	स्वर्णा देवी	वरला	इस्त्री	Swarna Devi

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 Panchayat Secretary
 Gram Panchayat ...
 Dev. Block Bhattiyat.
 Distt. Chambe (H.P.)
 Parekhore

डोंगी ग्राम

क्र.सं.	नाम	व्यक्तिगत	व्यक्तिगत
1	उमिलसिंह	उमिलसिंह	उमिलसिंह
2	अमरसिंह	अमरसिंह	अमरसिंह
3	विजयसिंह	विजयसिंह	विजयसिंह
4	मनसिंह	मनसिंह	मनसिंह
5	रामसिंह	रामसिंह	रामसिंह
6	अनिलसिंह	अनिलसिंह	अनिलसिंह
7	अशोकसिंह	अशोकसिंह	अशोकसिंह
8	कचनसिंह	कचनसिंह	कचनसिंह
9	मालसिंह	मालसिंह	मालसिंह
10	अविनाशसिंह	अविनाशसिंह	अविनाशसिंह
11	प्रदीपसिंह	प्रदीपसिंह	प्रदीपसिंह
12	अजयसिंह	अजयसिंह	अजयसिंह
13	हेमसिंह	हेमसिंह	हेमसिंह
14	अजयसिंह	अजयसिंह	अजयसिंह
15	संजयसिंह	संजयसिंह	संजयसिंह
16			
17	कमलसिंह	कमलसिंह	कमलसिंह
18	नवीन	नवीन	नवीन
19	पुनर्जीतसिंह	पुनर्जीतसिंह	पुनर्जीतसिंह
20	गोपालसिंह	गोपालसिंह	गोपालसिंह
21	सुरजीतसिंह	सुरजीतसिंह	सुरजीतसिंह
22	शशि	शशि	शशि
23	उमिलसिंह	उमिलसिंह	उमिलसिंह
24			


 Panchayat Secretary
 Gram Panchayat:
 Dev. Block Bhattiyat,
 Distt. Chamba (H.P.)

Recognition of local skills does not mean that we are not recognizing the value of our traditional skills.

1. The first step is to identify the local skills that are being used in the community.
2. The second step is to assess the value of these skills and how they can be used to improve the community.
3. The third step is to develop a plan to recognize and support these skills.
4. The fourth step is to implement the plan and monitor the progress.
5. The fifth step is to evaluate the results and make adjustments as needed.
6. The sixth step is to share the results with the community and other stakeholders.
7. The seventh step is to continue to support and improve the local skills.
8. The eighth step is to ensure that the local skills are being used in a sustainable way.
9. The ninth step is to ensure that the local skills are being used in a way that is respectful of the community's culture and traditions.

we are not recognizing the value of our traditional skills. Traditional Forest Dwellers are not being recognized as a source of knowledge and skills.

Category	Item	Value
Category	Item	Value

Page No. 10/10
Date: / /

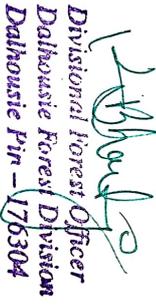
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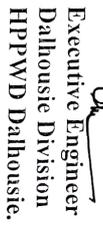
NAME OF WORK:- Construction of link road to Village Dangari km. 0/0 to 5/675

- | | |
|--|---|
| 1. Total length of Road | 5.675 Kms. |
| 2. Length of the Road passing through Forest | 5.156 Kms. |
| 3. Length of the road passing through non forest | 0.519 Kms. |
| 4. Width of the road has been taken | 5.00 mtrs straight and 7.00 mtr. curves (Av. 6.00 mtr.) |

5. Length of the road already existing / constructed out of the total length involved in the project. Nil


Assistant Engineer
Chowari Sub-Division
HPPWD Chowari.


Divisional Forest Officer
Dalhousie Forest Division
Dalhousie Fir - 176304


Executive Engineer
Dalhousie Division
HPPWD Dalhousie.

ALTERNATE ALIGNMENT CERTIFICATE

Certified that keeping in view the basic purpose of connecting all the beneficiary village, three possible alignments for construction of Link road to Village Dangari has been proposed by the user agency. All these alignments are shown on topo sheet enclosed with the proposal. The village to be connected are surrounded by the forest land on all sides. Hence it is not possible to avoid the forest land in any of the alignments. In the alignment No 1 forest land involved for diversion is 3.0978 hectare and 49 No of trees will be required to fell/remove. In the Second alignment 3.7800 hectare of forest land is involved and 60 No trees will be required to fell/ remove. Whereas in the third Alignment 4.4100 hectare land is involve d and 75 trees will be required to fell/ remove. Keeping in view the consideration of using minimum forest land and least felling of trees it is decided to recommend the Alignment No 1 for the construction of the road, as it involves the lesser no of trees and also lesser forest land as compared to second and third alignment.


Assistant Engineer,
Chowari Sub-Division,
HPPWD, Chowari


Executive Engineer
Dalhousie Division
HPPWD Dalhousie


Divisional Forest Officer
Dalhousie Forest Division
Dalhousie Pin -176304

DIVERSION OF 3.64 HECTARE FORST LANF FOR CONSTRUCTION OF LINK ROAD TO VILLAGE DANGARI KM 0/0 TO 5/675.

FILE NO: - FP/HP/ROAD/43801/2020
DATE OF PROPOSAL: 08/01/2020

RECLAMATION PLAN

Dumping sites for disposal of muck have been identified with the consideration of its distance and suitability of the area and Topography point of view

Accordingly the following sites have been identified.

S.No.	Description	Mohal	Khasra No.	Area in sqm.
1	Dumping Site -I	Dangari	252/2	811.02
2	Dumping Site -II	Dangari	273/262/1	1698.90
3	Dumping Site -III	Dangari	215/4	1375.30
4	Dumping Site -IV	Dangari	280/84/4	1537.10
		Total		5422.32

Rehabilitation Proposal

Since there is no displacement of any population due to the construction of the road there will be no rehabilitation problem.

Afforestation

Compensatory afforestation shall be carried out by the forest department for which compensation shall be paid by the user agency. Area to be taken for afforestation shall be twice the forest land required for the construction of project.

Retaining Walls

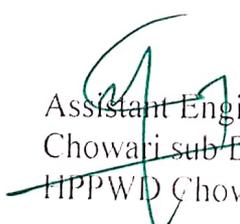
RR masonry / GI wire crates filled with boulders/ stones reclaimed from excavation of road shall be used for construction of retaining walls for retaining the surplus excavated earth/ muck as per standard design of HPPWD with due consideration to site condition.

Use of Muck/debris

Most of the excavation muck/debris obtained from the project components shall be used for manufacture of aggregates for construction work, filling in wire crates, stone masonry works breast wall Etc. The remaining muck/debris will be neatly stacked in dumping areas identified for the purpose.

Plantation

The dumping area and various sites shall be properly leveled after the completion of the project. The area will be landscaped the plantation carried out so as to merge the natural surroundings.


Assistant Engineer
Chowari sub Division
HPPWD Chowari


Divisional Forest Officer
Dalhousie Forest Division
Dalhousie Pin - 176304

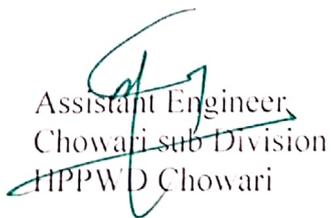

Executive Engineer
Dalhousie Division
HPPWD Dalhousie

**MUCK DUMPING DETAIL FOR CONSTRUCTION OF LINK ROAD TO VILLAGE
DANGARI KM 0/0 TO 5/675.**

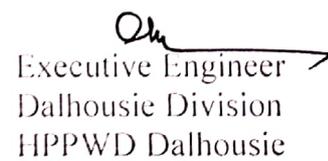
Location of Dumping			Size of Dumping (L X B)	Area in Sqm	Slope of Dumping (in degree)	Qty of muck generated (Cum)	Qty of muck used (Cum)	Qty of muck deposited (Cum)	Qty with swell factor (40%)	Height of dumping in mtr
No.	RD	Khasra No								
DS I	0770 to 0/813	252/2	43 m x 18.861m	811.02	25	1632	541.64	1090.36	1526.500	1.88
DS II	0930 to 0/987	273/262/1	57m x 29.805m	1698.9	25	4797.3	1424.12	3373.18	4722.450	2.78
DS III	2/950 to 3/000	215/4	50m x 27.506m	1375.3	25	2900.9	838.4	2062.5	2887.500	2.1
DS IV	2/720 to 2/775	280/84/4	55m x 27.947m	1537.1	25	11530.8	3042.55	8488.25	11883.550	7.73
TOTAL						20861.00	5846.71	15014.29	21020.000	3.62

avg

Sr. No.	Description	Khasra No.	Area in Sqm.	Height	Capacity of Dumping site Qty. in Cum.
1	Dumping Site -I	252.2	811.02	1.88	1526.500
2	Dumping Site -II	273.261.1	1698.9	2.78	4722.450
3	Dumping Site -III	215.4	1375.3	2.1	2887.500
4	Dumping Site -IV	280.84.4	1537.1	7.36	11883.550


Assistant Engineer,
Chowari sub Division
HPPWD Chowari


Divisional Forest Officer
Dalhousie Forest Division
Dalhousie Pin - 176304


Executive Engineer
Dalhousie Division
HPPWD Dalhousie

COST ESTIMATE OF DUMPING SITES & PLANTATION

S.No.	DESCRIPTION	UNITS	QUANTITY	RATE(RS)	AMOUNT (RS)
A	Engineering Measures				
1	Wire Crates and retaining walls	Cum	432.81	2158.66	934288.00
B	Biological Measures				
1	Cost of fence post	No	35	150	5250.00
2	Carriage of fence Post to work site manually	No	35	8	280.00
3	Fixing of fence post	No	35	4.77	167.00
4	Cost of Barbed wire	Qtl	0.35	5500	1925.00
5	Carriage of barbed wire by vehicle	Qtl	0.35	LS	3000.00
6	Carriage of barbed wire to work site manually	Qtl	0.35	LS	1500.00
7	Stretching and fixing of barbed wire	Rmt	315	3.16	995.00
8	Interlacing of thorny bushes in Barbed wire	Rmt	315	2.74	863.00
9	Layout of pits	Ha	0.54	68.15	37.00
10	Digging of pits(60cm x 60 cm x 60 cm)	No	2410	6.98	16822.00
11	Filling of pits	No	2410	0.142	342.00
12	Cost of Plants	No	2410	7	16870.00
13	Carriage of plants by vehicle	No	2410	1.5	3615.00
14	Carriage of plants to work site manually	No	2410	2	4820.00
15	Planting of entire plants raised in polybags	No	2410	8.73	21039.00
16	Planting of shrubs grasses in interspaces	LS			5000.00
17	Watering of plants during dry season	LS			1500.00
18	Providing imported	No	2410	5	12050.00
19	Watch and ward	man days	150	200	30000.00
TOTAL					126075.00
C	Contingencies	LS			10000.00
D	Maintenance 1st to 7th year				61700.00
GRAND TOTAL (A+B+C+D)					1132063.00
					Say 1132100.00
					Or 11.321 Lacs

Assistant Engineer
Chowari sub Division
HPPWD Chowari

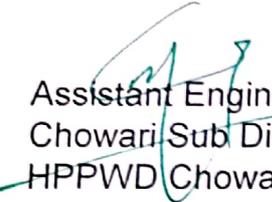
(Signature)
Divisional Forest Officer
Dalhousie Forest Division
Dalhousie Pin - 176104

(Signature)
Executive Engineer
Dalhousie Division
HPPWD Dalhousie

"Annexure RI"

COMPONENT WISE DETAIL OF MUCK TO BE GENERATED IN RESPECT OF
CONSTRUCTION OF LINK ROAD TO VILLAGE DANGARI BY HPPWD

S.No.	Quantity to be generated (Cum)	To be used Locally (Cum)	To be dumped (Cum)	To be dumped after swell (40%)
1	20861.00 Cum	5846.71 Cum	15014.29 Cum	21020.00 Cum


Assistant Engineer
Chowari Sub Division
HPPWD Chowari


Executive Engineer
Dalhousie Division
HPPWD Dalhousie

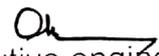
DETAIL OF MEASUREMENT

Name of Work: C/O Link road to village dangari Km 0/00 to 5/675

(Sub Head: Dumping place of muck/debris to be dumped in between RD 0/770 to 0/813, 0/930 to 0/987, 2/950 to 3/000 & 3/720 to 3/775)

S.No.	RD/KM	Name of dumping places	X- Sectional area (Sqm)	Length (m)	Quantity (Cum)	
1	0/770 to 0/813	DS I	35.5	43.00	1526.50	Cum
2	0/930 to 0/987	DS II	82.85	57.00	4722.45	Cum
3	2/950 to 3/000	DS III	57.75	50.00	2887.50	Cum
4	3/720 to 3/775	DS IV	216.06	55.00	11883.55	Cum
TOTAL					21020.00	Cum


Assistant Engineer
Chowari Sub Division
HPPWD Chowari


Executive engineer
Dalhousie Division
HPPWD Dalhousie

"Annexure- RIII"

COST ESTIMATION OF RECLAMATION OF DUMPING SITES OF CONSTRUCTION OF LINK ROAD TO VILLAGE DANGARI KM 0/00 to 5/675

S.No.	DESCRIPTION	UNIT	QUANTITY	RATE(RS)	AMOUNT (RS)
A	Engineering Measures				
1	Wire Crates and retaining walls	Cum	432.81	2158.66	934288.00
B	Biological Measures				
1	Cost of fence post	No	35	150	5250.00
2	Carriage of fence Post to work site manually	No	35	8	280.00
3	Fixing of fence post	No	35	4.77	167.00
4	Cost of Barbed wire	Qtl	0.35	5500	1925.00
5	Carriage of barbrd wire by vehicle	Qtl	0.35	LS	3000.00
6	Carriage of barbed wire to work site manually	Qtl	0.35	LS	1500.00
7	Streching and fixing of barbed wire	Rmt	315	3.16	995.00
8	Interlacing of thorny bushes in Barbed wire	Rmt	315	2.74	863.00
9	Layout of pits	Ha	0.54	68.15	37.00
10	Digging of pits(60cm x 60 cm x 60 cm)	No	2410	6.98	16822.00
11	Filling of pits	No	2410	0.142	342.00
12	Cost of Plants	No	2410	7	16870.00
13	Carriage of plants by vehicle	No	2410	1.5	3615.00
14	Carriage of plants to work site manually	No	2410	2	4820.00
15	Planting of entire plants raised in polybags	No	2410	8.73	21039.00
16	Planting of shrubs grasses in inerspaces	LS			5000.00
17	Watering of plants during dry season	LS			1500.00
18	Providing imported	No	2410	5	12050.00
19	Watch and ward	Mandays	150	200	30000.00
TOTAL					126075.00
C	Contingencies	LS			10000.00
D	Maintenance 1st to 7th year				61700.00
GRAND TOTAL (A+B+C+D)					1132063.00
Say					1132100.00

Assistant Engineer
Chowari Sub Division
HPPWD Chowari

Executive Engineer
Dalhousie Division
HPPWD dalhousie

Maintenance of plantation

FIRST YEAR MAINTENANCE WITH 25% MORTALITY

SR. NO.	DESCRIPTION	UNITS	QUANTILY	RATE	AMOUNT (RS)
1.	Re-digging of pits 60x60x60cm	Nos	603	4.2	2533
2.	Filling of pits 60x60x60cm	Nos	603	1.42	856
3.	Cost of plants	Nos	603	7	4221
4.	Carriage of plants by vehicle	-----	603	1.5	905
5.	Carriage of plants on p. pages over a distance of --- km	Nos	603	2	1206
6.	Planning of entire plants	Nos	603	7.36	4438
7.	Repair of fence	Rmt	315	0.65	205
8.	Repair of fence plants	Nos	35	2.35	82
	Total				14446
	Or say				14500

SECOND YEAR MAINTENANCE WITH 20% MORTALITY

SR. NO.	DESCRIPTION	UNITS	QUANTILY	RATE	AMOUNT (RS)
1.	Re-digging of pits 60x60x60cm	Nos	482	4.2	2024
2.	Filling of pits 60x60x60cm	Nos	482	1.42	684
3.	Cost of plants	Nos	482	7	3374
4.	Carriage of plants by vehicle	-----	482	1.5	723
5.	Carriage of plants on p. pages over a distance of --- km	Nos	482	2	964
6.	Planning of entire plants	Nos	482	7.36	3548
7.	Repair of fence	Rmt	315	0.65	205
8.	Repair of fence plants	Nos	35	2.35	82
	Total				11604
	Or say				11600

THIRD & FORTH YEAR MAINTENANCE WITH 15% MORTALITY

SR. NO.	DESCRIPTION	UNITS	QUANTILY	RATE	AMOUNT (RS)
1.	Re-digging of pits 60x60x60cm	Nos	362	4.2	1520
2.	Filling of pits 60x60x60cm	Nos	362	1.42	514
3.	Cost of plants	Nos	362	7	2534
4.	Carriage of plants by vehicle	-----	362	1.5	543
5.	Carriage of plants on p. pages over a distance of --- km	Nos	362	2	724
6.	Planning of entire plants	Nos	362	7.36	2664
7.	Repair of fence	Rmt	315	0.65	205
8.	Repair of fence plants	Nos	35	2.35	82
	Total				8786
	Or say				8800

FIFTH, SIXTH & SEVENTH YEAR MAINTENANCE WITH 10% MORTALITY

SR. NO.	DESCRIPTION	UNITS	QUANTILY	RATE	AMOUNT (RS)
1.	Re-digging of pits 60x60x60cm	Nos	241	4.2	1012
2.	Filling of pits 60x60x60cm	Nos	241	1.42	342
3.	Cost of plants	Nos	241	7	1687
4.	Carriage of plants by vehicle	-----	241	1.5	362
5.	Carriage of plants on p. pages over a distance of --- km	Nos	241	2	482
6.	Planning of entire plants	Nos	241	7.36	1774
7.	Repair of fence	Rmt	315	0.65	205
8.	Repair of fence plants	Nos	35	2.35	82
	Total				5946
	Or say				6000

YEAR WISE PHASING OF WORKS		
YEARS	ACTIVITY	AMOUNT
0 Year	Engineering work	934288
1 st year	Planting (initial formation) &	136076
2 nd year	Maintenance	14500
3 rd year	Maintenance	11600
4 th year	Maintenance	8800
5 th year	Maintenance	8800
6 th year	Maintenance	6000
7 th year	Maintenance	6000
8 th year	Maintenance	6000
	GRAND TOTAL	1132064
	Or Say	1132100

ANNEXURE-R4		
ABSTICULAR OF COST		
SR.NO.	PARTICULAR	AMOUNT (RS)
A	Engineering measures	934288
B	Biological Measures	16822
	Initial formation Cost	109254
	First year maintenance	14500
	Second year maintenance	11600
	Third year maintenance	8800
	Forth year maintenance	8800
	Fifth year maintenance	6000
	Sixth year maintenance	6000
	Seventh year maintenance	6000
C	Contingencies	10000
	GRAND TOTAL (A+B+C)	1132064
	OR SAY	1132100


Executive Engineer
Dalhousie Division
 U.P.P.W.D. Dalhousie
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STATEMENT SHOWING DETAIL OF THE ROAD TO BE CONSTRUCTED (LINK ROAD TO VILLAGE DANGARI) Refer Item No 9(i) to (iv)

S.No	RD		Distance in meters	S.No	From	To	In forest land/ Govt Land	In non Forest Land	Total	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
	1	2										3	4	5					
1	0/000	5/675	5/242	0/433	5/675	5.00 mtrs on straight portion and up to 7.000 mtrs on curves	30978.04 Sqm (3.0978 Hectare) for road construcion	30978.04	3115.00	34093.04	Dangardi, Bandera DPF III	20861.00	5846.71	15014.29 Cum (With swell @ 40% = 21020.00 Cum)	Muck will be disposed in four dumping sites identified along the proposed road				

Assistant Engineer
Chowari Sub Division
HPPWD Chowari

Place Dalhousie
Date

Executive Engineer
Dalhousie Division
HPPWD Dalhousie

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

1	2	3	4	5	6	7	8	9	10	11	12	13	14
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	Road Formation Cutting of hill side	20861.00	15014.29	40%	21020.00	DS-I DS-II DS-III DS-IV	25%	DS-I (RD 0/770 to 0/813) DS-II (RD 0/930 to 0/987) DS-III (RD 2/950 to 3/000) DS-IV (RD 3/720 to 3/775)	2.00 Kms from Chakki Khhad	DS-I = 811.02 Sqm (L=43 m, Width=18.861 m) DS-II = 1698.90 Sqm (L=57 m, Width=29.805 m) DS-III = 1375.30 Sqm (L=50 m, Width=27.506 m) DS-IV = 1537.10 Sqm (L=55 m, Width=27.947 m)	Nil	DS-I=1.88 m DS-II=2.78m DS-III=2.10m DS-IV=7.73m	

Assistant Engineer
Chowari Sub Division
HPPWD Chowari

Place Dalhousie
Date

Executive Engineer
Dalhousie Division
HPPWD Dalhousie

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PERFORMA V

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	Dangardi, 252/2	25%	L= 43m, B=18.861m (Area = 811.02 Sqm)	1526.50	1.88	Along Proposed Road
2	DS-II	Dangardi, 273/262/1	25%	L= 57m, B=29.805m (Area = 1698.90 Sqm)	4722.45	2.78	Along Proposed Road
3	DS-III	Dangardi, 215/4	25%	L= 50m, B=27.506m (Area = 1375.30 Sqm)	2887.50	2.1	Along Proposed Road
4	DS-IV	Dangardi, 280/84/4	25%	L= 55m, B=27.947m (Area = 1537.10 Sqm)	11883.55	7.36	Along Proposed Road

Total muck generated from road formation cutting will be 20861.00 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 20861.00 Cum 5846.71 Cum of muck will be used in above mentioned construction activities. Rest of muck will be dumped in proposed dumping sites.


Assistant Engineer
Chowari Sub Division
HPPWD Chowari


Executive Engineer
Dalhousie Division
HPPWD Dalhousie

Place
Date

Dalhousie

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ABSTRACT OF COST

Name of work :- C/O Link Road to dangardi km. 0/00 to 5/675

(SH :- Crate Road For Dumping site at Rd 0/770 to 0/813 , 0/930 to 0/987 , 2/950 to 3/00 & 3/720 to 3/755)

S. No.	Description of item	Quantity	Rate	Unit	Amount
1	Providing and laying of boulder apron laid in wire crates with 4 mm (four millimetre) dia GI wire conforming to IS:280 and IS:4826 in 100 mm x 100 mm (one hundred millimetre into one hundred millimeter) mesh (woven diagonally) including 10% extra for laps and joints laid with stone boulders weighing not less than 40 kg (Fort kilogramme) each as per drawing and technical specifications Clause 1301 and as per directions of including the octroi , royally, Malkana, toll tax, sales tax, GST or any taxes imposed by the Government.	432.81	2158.66	Per Each	934288
Total:-					934288


 Assistant Engineer
 Chowari Sub Division
 HPPWD Chowari


 Executive Engineer
 Dalhousie Division
 HPPWD Dalhousie

DETAIL OF MEASUREMENT

Name of work :- C/O Link Road to dangardi km. 0/00 to 5/675

(SH :- Crate For Dumping site at Rd 0/770 to 0/813 , 0/930 to 0/987 , 2/950 to 3/00 & 3/720 to 3/755)

S.No.	RD of Crate			Length	Height	Wire crate (Boulders)			Total
						Row	L	B	
1	0	770	813.00	43.00	1.25	1	2.50	1.25	67.19
2	0	930	987.00	57.00	1.25	2	2.50	1.25	178.13
3	2	950	1000.00	50.00	1.25	1	2.50	1.25	78.13
4	3	720	755.00	35.00	1.25	2	2.50	1.25	109.38
									432.81


Surveyor




N.O. W. ÷ C/O LINK ROAD TO DAYKAMPDI KM. 0100 TO 5/675
 CSH: CRATE WORK FOR DUM PING SITE RD. 01220-01220

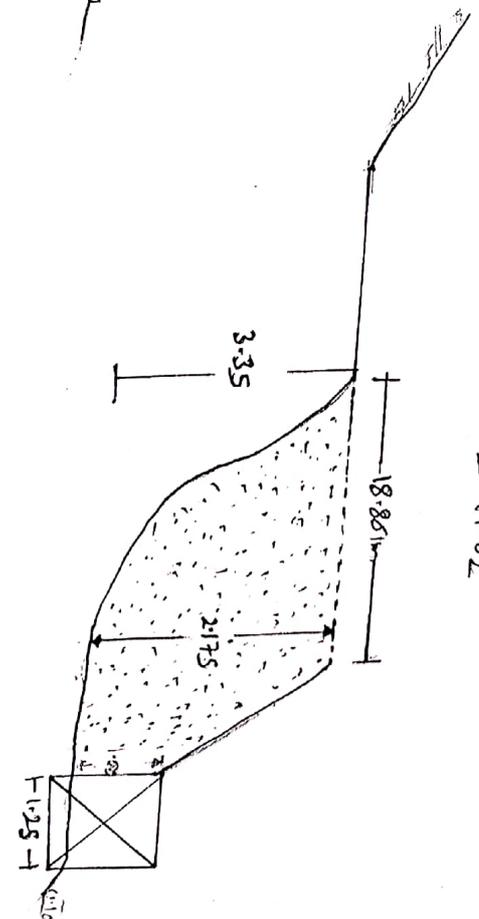
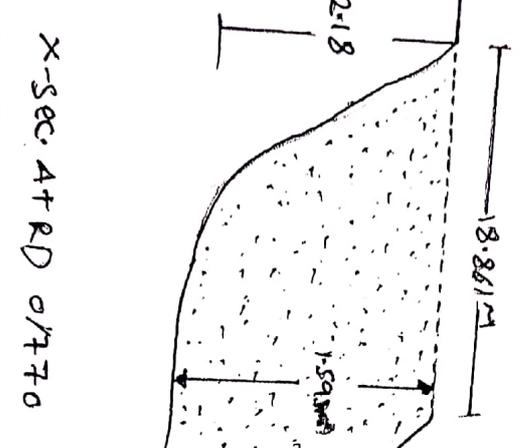
N.T.S.

$$18.861 \times 1.59 = 29.99 \text{ m}^2$$

Area: $\frac{29.99 + 41.02}{2} \times 43.00 = 1526.500 \text{ m}^2$

X Sectional area = 3550 m²

$$18.861 \times 2.175 = 41.02$$



By Survey

(Signature)

Assistant Engineer
 Chowari Sub-Division
 HPPWD, Chowari

Executive Engineer
 Dalhousie Division
 HPPWD Dalhousie

2. cut & fill work ROAD TO DALHOUSIE V.V.V. 0100 TO 01675

C&F DO GRATE WORK FOR DUMPING SITE AT RD. 01930 TO 01982.

NTS

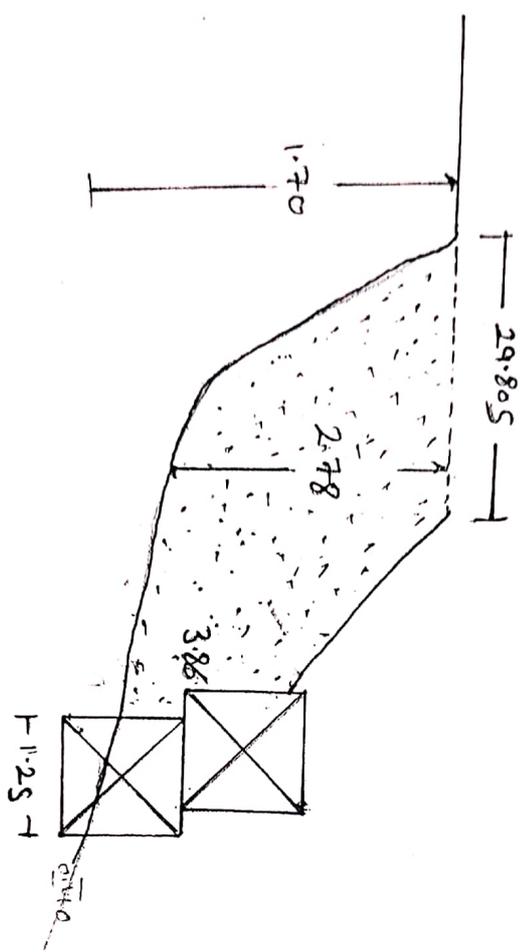
① Area = $\frac{82.857 + 82.857}{2} = 82.857 \text{ m}^2$

② Qty = $82.857 \times 57 = 4722.450 \text{ m}^3$

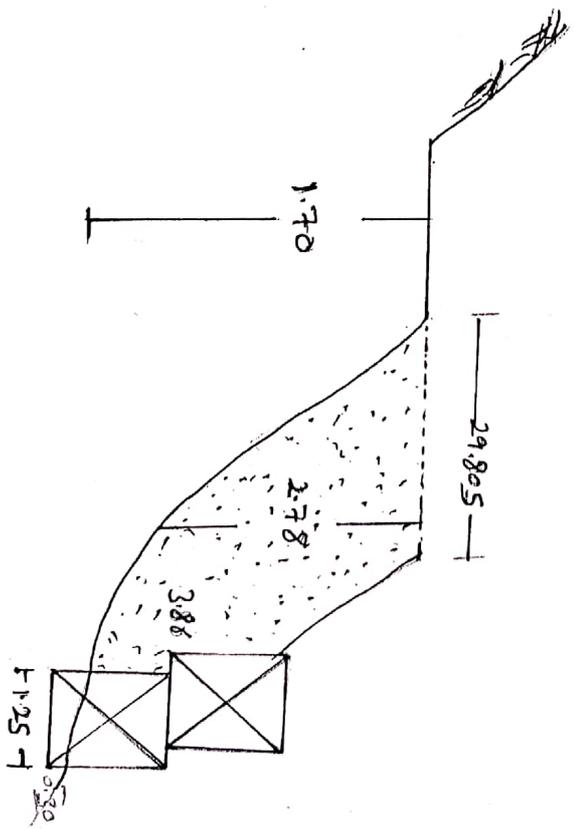
$105 \times 2.78 = 82.85 \text{ m}^2$

X-Sectional area = 82.85 m^2

$29.805 \times 2.78 = 82.85 \text{ m}^2$



X-sec. At RD 01930



X-sec. At RD 01987

[Signature]
Swaraj

[Signature]

Assistant Engineer,
Chowal Sub-Division
HPPWD, Chowari

Executive Engineer
Dalhousie Division
HPPWD Dalhousie

Flow: C/O LINK ROAD TO DANGARDI KAR. OLD TO S/1895

CSH: C/O WIRE CRATE FOR DUMPING SITE AT RD. 2/1950 TO 3/1000

N.T.S

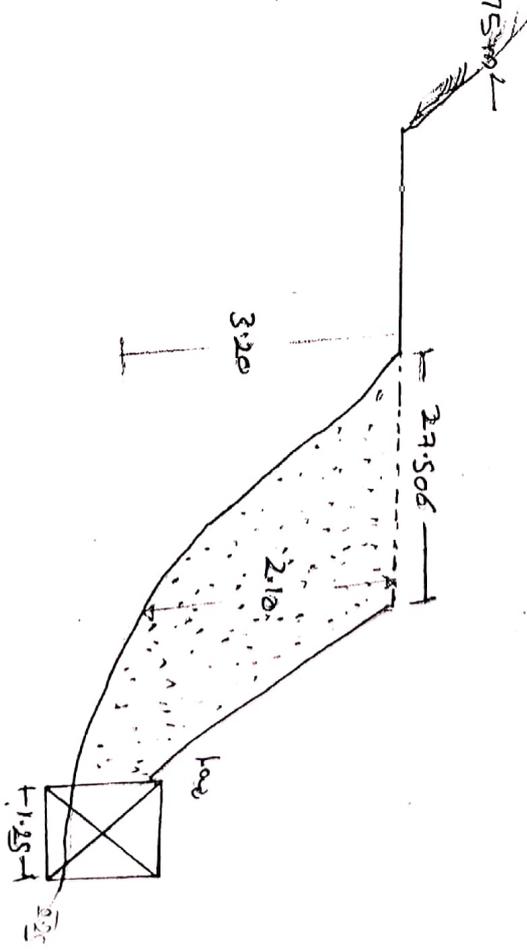
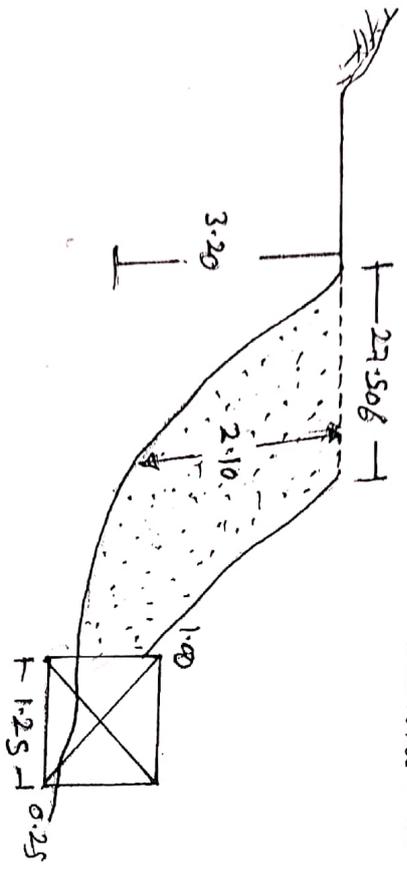
Area $57.776 + 57.776 = 57.776 \text{ m}^2$

Area $57.776 \times 50 = 2987.300 \text{ m}^3$

$27.506 \times 2.10 = 57.75 \text{ m}^2$

$27.506 \times 2.10 = 57.75 \text{ m}^2$

X-Sectional area: 57.75 m^2



X-SEC. AT RD 2/950

X-SEC. AT RD-3/1000

[Signature]

[Signature]

Assistant Engineer,
Chowari Sub-Division,
HPPWD Chowari

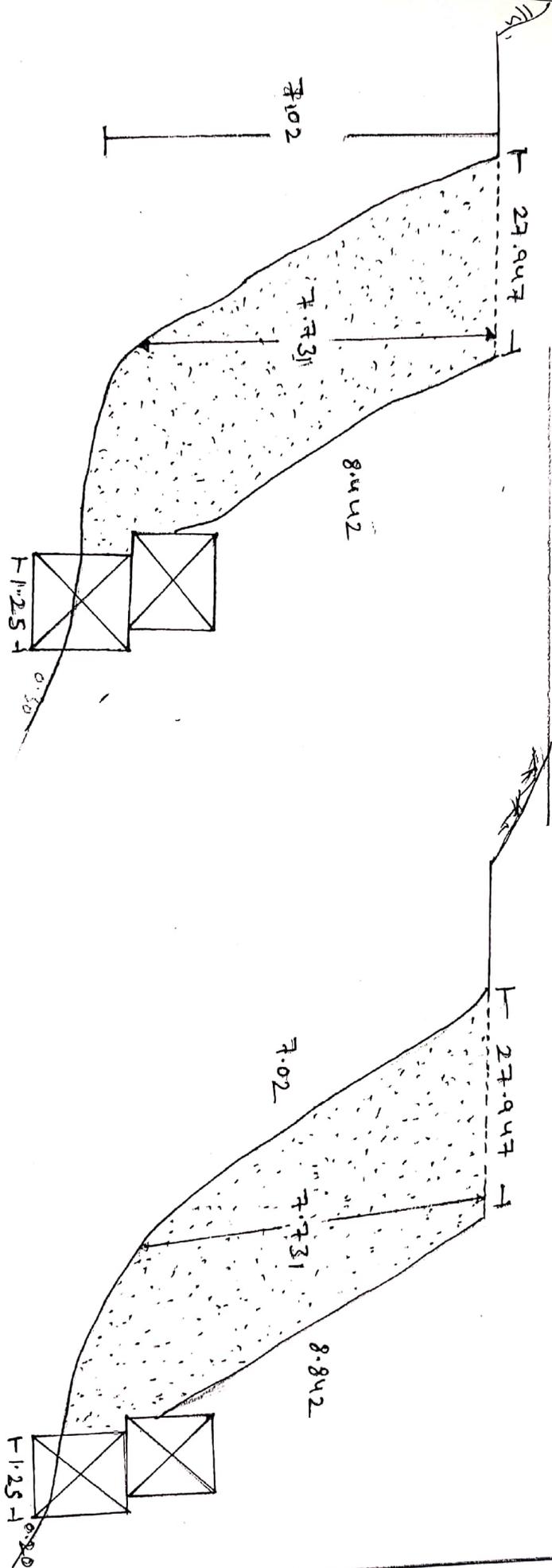
Executive Engineer,
Dalhousie Division,
HPPWD Dalhousie

Q.W.:- C/O LINK ROAD TO DANGARDI KM. 0100 TO 05/875.
 C.S.H.:- C/O CRATE WORK FOR DUMPING SITE AT RD. 3/720 TO 3/755

NTS.

$$\text{Qty} = 216.06 \times 55 = 11883.55 \text{ m}^3$$

X-sectional Area = 216.06



X-SEC. AT RD. - 3/720

X-SEC. AT RD. 3/775

Surveer

OR

Assistant Engineer
 Chowari Sub-Division
 HPPWD, Chowari

Executive Engineer
 Dalhousie Division
 HPPWD Dalhousie

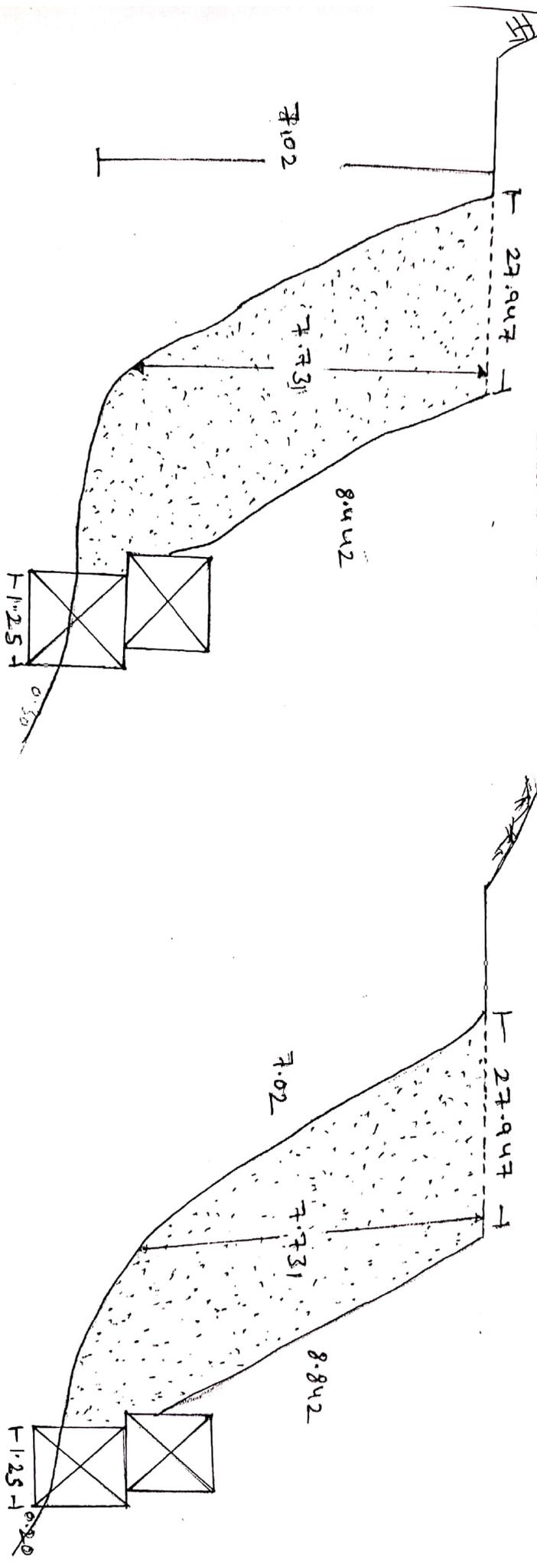
0.00 = C/O LINK ROAD TO DANGGARDI KM. 0100 TO 5/675.

C/S.H. = C/O CRATE WORK FOR DUMPING SITE AT RD. 3/120 TO 3/175

N.T.S.

$$\text{Qty} = 216.06 \times 5.5 = 11883.55 \text{ m}^3$$

X-sectional Area = 216.06



X-Sec. At RD. - 3/1720

X-Sec. At RD. 3/1775

[Signature]

Assistant Engineer,
Chowkai Sub-Division,
HPPWD, Chowkai

Executive Engineer,
Dalhousie Division,
HPPWD Dalhousie

Name of work:- Diversion of 3.64 hectare Forest land for link road to village Dangari Km. 0/0 to 5/675

Date of Inspection: 04-09-2020.

Reports of the Committee for the roads constructed in violation of the provisions of the forest (Conservation) Act, 1980 chaired by the Chief Conservator of forest (Territorial), Chamba.

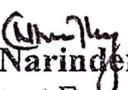
(Constituted vide Judgment of the Hon'ble High Court of himachal Pradesh in CWP No. 5600 of 2012 dated September 05.2013 titled "Manoj Kumar, S/O Shri Shiv Charan Vs. UIO and other" linked the COPC No. 56 of 2009

1	Name of the Circle/District /Division/Tehsil/Range;	Dalhousie / Chamba/ Dalhousie/ Dalhousie/Bhattiyat
2	Name of the road include kilometers from- to	Diversion of 3.64 hectare Forest land for link road to village Dangari Km. 0/0 to 5/675.
3	Total length of the road passing through The forest area and private area;	To connect the villages Barla and Dangari. Total length proposed is 5.675 km in which Length passing through Forest Area 5.156 km and the Private Area 0.519 Km.
4	Length of the road for which forest land has already been broken/already Constructed.	Out of 1.120 km length already constructed, the length of forest land broken is 0.912 Km. (Area 5472.00 Sqm. Or say 0.5472 Hect.)
5	Length of the road and extent (in hectare) passing forest;	Total length of road is 5.675 km. Length passing through forest is 5.156 Km. (Area 3.0978 hectare)
6	Date of starting the work;	During 2005-06
7	Name of the organization which Constructed the road;	HPPWD Division Dalhousie District Chamba.
8	For completing the work, whether there is need to use additional forest area or Alignment can be changed without Further use of forest land;	For completing the work additional forest land of 2.5506 hectare for road construction & 0.5422 hectare of forest land for dumping sites is required as the alignment can not be changed.
9	If not, total length of the road and forest area required for completing the work (including the forest area used and to be used)	Total length of road = 5.675 km. Forest Land already broken = 0.5472 Ha. Additional forest land required for road = 2.5506 Ha. For Dumping Sites = 0.5422 Ha. Total forest Area required = 3.6400 Ha.
10	Details of the damages caused to bio-diversity including number of trees felled other than breaking the earth (which is already covered under point 5 above)	No damage has been caused to bio-diversion & no tree has been felled other than breaking the earth, 542 number trees and 755 number of tree Saplings are coming in the alignment of the road, and are still standing.
11	Details of the soil conservation /engineering works necessary on the upper and lower sides of the road for its strengthening and avoiding landslides;	A few cross drainage works, side drains, and retaining walls both on the uphill and downhill side are required to be constructed, for which provision has been made in the DPR for the construction of

35/

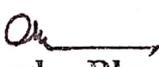
		the road. No such additional engineering works are required to stabilize the soil on account of construction of this road.
12	Estimated expenditure for carrying out these engineering works;	As explained in para 11. No additional cost is required to be spent for this purpose.
13	Recommendations of the committee (should include length in kilometers, extent of forestland additionally required for completing the work, expenditure to be incurred on engineering /vegetative works necessary for stabilizing the soil/ boulder son upper and lower sides of the road, etc).	Since, no further diversion of forest land is required, except as already proposed for diversion and the case is in process with the Dept. and also only a few CD works/ Retaining walls are to be constructed for further stabilizing the road formation has already been made, the violation is recommended to be regularized after imposing suitable penal compensatory afforestation as per the Rules in the matter.


(Sh. S.S. Pathania)
Tehsildar,
Tehsil Bhattiyat,
Distt. Chamba (H.P.)


(Er. Narinder Chaudhary)
Assistant Engineer,
Chowari Sub Division,
HPPWD Chowari.


(Sh. Rahul Thakur)
Range Forest Officer,
Chowari Forest Range, Chowari,
Distt. Chamba (H.P.)


(Sh. Bachan Singh)
Sub Divisional Officer, (C)
Bhattiyat at Chowari,
Distt. Chamba (H.P.)


(Er. Virender Bhardwaj)
Executive Engineer,
Dalhousie Division,
HPPWD Dalhousie


(Kamal Bharti) HPFS
Divisional Forest Officer,
Dalhousie Forest Division,
Dalhousie.


(Er. D.S. Pathania)
Superintending Engineer,
7th Circle, HP;PWD,
Dalhousie


(Sh. O.P. Solanki (IFS))
Chief Conservator of Forest (T)
Chamba, Distt. Chamba (H.P.)

STATEMENT SHOWING THE HEADWISE / SUB-HEADWISE / SUB-DIVISION WISE / CONSTITUENCY WISE / SANCTIONED BUDGET FOR THE YEAR 2021-22 IN RESPECT OF DALHOUSIE DIVISION HPPWD-DALHOUSIE

Head of accounts/ Name of works	Code No.	Budget Book / P. No.	Sanctioned budget for 2021-22					Bhattiyat	Name of Constituency	
			Name of Sub-Division				Total		Dalhousie	Total
			Dalhousie	Banikhet	Chowari	Sihunta				
M/T&C/D works on Dalhousie Cantt to Bathri km.0/0 to 4/0	2000-307-31391	96	200000	0	0	0	200000	0	200000	200000
C/O Link road to village Mail.	2000-307-31392	96	0	200000	0	0	200000	0	200000	200000
M/T&C/D works on Goli Mandhiar road km.0/0to5/0	2000-307-31393	96	0	200000	0	0	200000	200000	0	200000
M/T&C/D works on Motla to Gola via Kathla km. 0/0 to5/0	2000-307-31394	96	0	0	0	200000	200000	0	200000	200000
M/T&C/D works on Tundi Banet Nagrota Bhadwar road km 0/0 to 5/0	2000-307-31395	97	0	0	0	200000	200000	0	200000	200000
M/T&C/D works on Chowari Keinthly road km. 0/0 to 0/5	2000-307-31399	97	0	0	0	200000	200000	0	200000	200000
C/O 5 mtr. Span motorable bridge on Dentha Morthu road km 3/500	2001-307-35004	95	0	0	0	200000	200000	0	200000	200000
C/O M/able road from Motla to Gola via Basoldha Nehar Kufru 0/0 to 8/0	2001-307-35005	96	0	0	0	200000	200000	0	200000	200000
C/O Motorable road from Dugred to Naloh via Pakhred Khuderu Challarna in km. 0/0to8/0.	2001-307-35006	96	0	0	0	200000	200000	0	200000	200000
C/O Motorable 5/7mtr. Wide link road from Balera to vill Sanghrain	2001-307-35007	96	200000	0	0	0	200000	0	200000	200000
C/O Link road from Dramman to Mouri via Lalahed.	2001-307-36636	96	0	200000	0	0	200000	0	200000	200000
C/O Link road to village Chhambhar G.P Turunhatri	2001-307-36638	96	0	200000	0	0	200000	200000	0	200000
C/O Link road from Dentha to Jolna and Bhated road.	2005-307-43013	95	0	0	0	200000	200000	0	200000	200000
C/O Link road from Motla to Bagga via Darol.	2005-307-43016	95	0	0	0	200000	200000	0	200000	200000
C/O Link road from Samote to NAAG CHHATRAR	2005-307-43019	95	0	0	0	200000	200000	0	200000	200000
C/O Jeepable road from Upper Lohali to Nichli Lohalli km 0/0 to 1/500	2005-307-43021	95	200000	0	0	0	200000	0	200000	200000
C/O road from Bounkhrimour to Negali via Chakra km 5/0 to 12/0	2005-307-43023	95	0	200000	0	0	200000	0	200000	200000
C/O road from Cantt to Rohla.	2005-307-43024	95	200000	0	0	0	200000	0	200000	200000
C/O Link road to Niloh Kalehzar& Androla	2006-307-45674	94	0	0	200000	0	200000	0	200000	200000
C/O Link road from Barian Galla to Obria Hathola	2006-307-45675	94	0	0	200000	0	200000	0	200000	200000
T&C/D Works on Chowari to Hobar km.7/0to12 /0	2006-307-45676	94	0	0	200000	0	200000	0	200000	200000
C/O Link road to Village Challari.	2006-307-45677	94	0	200000	0	0	200000	0	200000	200000
C/O Link road from village Bagdhar to Khuin.	2006-307-45678	94	0	0	0	0	0	0	0	0
C/O Link road from Dal to village Bagialla.	2006-307-45679	94	0	200000	0	0	200000	0	200000	200000
C/O Balance works of Draman-Dramanallah-Dhullara	2006-307-47221	95	0	0	0	0	0	0	0	0
C/O Patka Hathi Dhar road	2007-307-48309	94	0	0	0	200000	200000	0	200000	200000
Extension of road from suini to Raipur	2007-307-48311	94	0	0	200000	0	200000	0	200000	200000
T&C/D on Samote Tikkri Hatli Gola road	2007-307-48814	94	0	0	0	200000	200000	0	200000	200000
C/O Bus-able Bridge on Dehar Khad in Jolna	2007-307-52077	94	0	0	0	200000	200000	0	200000	200000
C/O Bridge to connecting vill. Gamota& ITI Gamota	2007-307-52078	94	0	0	0	200000	200000	0	200000	200000
C/O M/able Bridge on Chakki Khad to connecting village Dugri via Kalapath Nurpur Lahru fatti road	2008-307-54938	93	0	0	200000	0	200000	200000	0	200000

Assistant Engineer,
Chowari Sub-Division,
HPPWD, Chowari

Executive Engineer
Dalhousie Division
HPPWD Dalhousie.