



भारत सरकार  
GOVT. OF INDIA  
केन्द्रीय लोक निर्माण विभाग

CENTRAL PUBLIC WORKS DEPARTMENT

Office of the Executive Engineer

Indo-China Border Roads Project Division-III

CPWD, Khasra No.781/547, Peo-Kalpa Road,

In front of HPPWD Rest House, Reckong Peo, Kinnaur, HP-172107

e-mail: hpec-icbrpd3@cpwd.gov.in, Ph: 01786-292939



No. 54(6)/का.अभि./भा.ची.सी.स.परि.मं.-III/2022-23/53

Dated: 23/06/2022

To,

Deputy Conservator of Forests (DCF)  
Kinnaur Forest Division  
Reckong Peo  
Himachal Pradesh

**Subject:** - Proposal for the Diversion of 50.091 ha. of Forest land in favour of ITBP and applicant as Executive Engineer, ICBRPD-III, CPWD, Khasra No. 781/547, Kalpa Road in front of HPPWD Rest House, Reckong-Peo under (FCA-1980) for the construction of Dubling Rishi Dogri-Lamche Dogri Road within the Jurisdiction of Kinnaur Forest Division. (FP/HP/ROAD/145666/2021) **Regarding the compliance to Queries.**

**Reference:** Your office endorsement No. 1581 from dated 22/06/2022 due to EDS raised by Regional office Shimla, HP.

Respected Sir/Ma'am,

With reference to your letter and query under reference about the proposal for the diversion of 50.091 ha. Of forest land in favour ITBP. for the construction of Dubling - Rishi Dogri-Lamche Dogri Road 0/00 to 25 Km by CPWD, within the jurisdiction of Kinnaur Forest Division, Dist. Kinnaur, Himachal Pradesh has been scrutinized by your office and we have been informed of some queries on the shortcomings.

We are sending herewith the Reply/ Compliance for each of the Query raised by your office regarding the forest proposal of Dabbling Rishi Dogri-Lamche Dogri Road, please look into the table depicted. (Four sets).

S. No.	Query	Compliances
1	The FRA Certificate has not provided with the proposal. As per the recent clarification by the MoEF & CC, Government of India vide File No. FC-11/76/2019-FC-part(I) dated 16 <sup>th</sup> February,2022, FRA Certificate is required to be submitted for all proposal including Defence Road.	FRA certificate issued by DC, Kinnaur is enclosed with the letter as annexure R-1 and also uploaded in part -1 of Parivesh Portal.
2	In the proposal, no alternate alignment has been provided. However, as per the FCA guidelines, Para-1.15, justification for locating the project in the forest area giving details of alternatives examined and reason for their rejection needs to be submitted. Therefore, State Govt. may explore the alternatives in more details and must give complete justification establishing its inescapability for locating the project in forest area.	As the road is of strategic importance and proposed for connecting border out post of ITBP and Army. So this alignment is inescapable and also approved by Directorate general ITBP MHA Govt. of India. Approval letter of alignment is enclosed as R-2.
3	Most of the documents (i.e., Muck Management Plan, Layout Plan etc.) in the proposal are not authenticated by DFO concerned. This may be ensured that all the	Muck management plan is at page no 39 to 42 of proposal folder and also authenticated by DFO other documents may be authenticated by DFO Kinnaur if required.



	documents are authenticated by DFO concerned and uploaded in the designated locations.	
4	A "bridge" component is mentioned in component wise break-up. However, same is not marked in Layout Plan and KML file. Therefore, all components of the proposal may be marked in KML file, Layout Plan and Geo-referenced map as well.	Query has been complied which is enclosed as R-4 (duly authenticated by DFO) and also uploaded on Parivesh Portal.
5	In Khasra no. wise detail of components, legal status of diversion area is mentioned as un-listed forest. However, in Part-II, para-2, legal status of diversion area is mentioned as Unclassed Forest. Therefore, 'un-listed forest' may be clarified and mismatching legal status of diversion area may be reviewed and rectified as well.	Pertains to forest department.
6	Administrative Approval of the issued by Competent Authority may be provided.	Administrative Approval and expenditure sanction issued by competent authority is enclosed as R-6 and also uploaded on Parivesh Portal.
7	It has been observed from KML file that most of the dumping sites are in every steep slope from where debris can be easily rolled down into river. Therefore, the State Govt. may submit mitigation measures to be adopted so that debris could not be rolled down into the river/downhill side.	This office has submitted Geology report (attached at page No 43A-C of Proposal folder) of area vetted by IIT, Roorkee and mechanism for construction is to be followed for reducing soil erosion to the fullest and CPWD has ensured to put the constructing ample No. of protection structure like gabion walls, retaining walls and breast walls to completely stop rolling down of soil/boulders. Undertaking regarding this is also being submitted along with the letter.
8	4.9715 hac. Area is proposed for muck dumping. The State Govt. may justify the requirement of so many (25 no.) dumping sites involving large area (4.9715 hac.) for dumping. Also, the muck dumping site are proposed in forest land, therefore suitable non-forest/private land, if possible, may be explored for disposal of muck.	As the quantity of Muck to be generated is very large which will require these No. of dumping sites and also no other suitable non-forest/private land is available for the purpose  For this purpose certificate of non-availability of Non-forest Land issued by DC, Kinnaur is already enclosed at Page No.77 of proposal folder.
9	The Eco-class mentioned is in Part-II, 4(i) as 'V' and NPV calculation has also been calculated as per Eco-class-V. However, Eco-class for the proposed project site shall be 'VI', therefore same may be reviewed and correct Eco-class and NPV calculation accordingly may be uploaded and submitted.	Pertains to forest department.
10	The status of proposed CA land, whether Waste land or UPF or DPF may be clarified. If proposed CA land is notified as DPF/UPF, duly authenticated copy of notification may be provided.	Pertains to forest department.
11	The proposed CA site is at >3000-meter altitude and in steep terrain. Therefore, comments regarding possibility of plantation in such high-altitude condition and steep terrain may be provided.	Pertains to forest department.



	122 no. of Ecologically important trees Chilgoza ( <i>Pinus gerardiana</i> ) and Deodar ( <i>Cedrus deodara</i> ) are proposed for felling. Therefore, possibility of reducing the number of trees to be affected may be explored or rationalisation to be done in the layout of the proposed to reduce green felling. Further, a list of trees which are required to be felled and retained may be provided.	Pertains to forest department.
13	The proposal mentioned the presence of Scheduled species viz. Snow Leopard ( <i>Panthera uncia</i> ), Blue Sheep ( <i>Pseudois nayaur</i> ), Red fox ( <i>Vulpes vulpes</i> ) and Thar ( <i>Hemitrayus jemlahicus</i> ). The State Govt. may provide comments regarding the adverse impact of the project on the species as well as on their natural habitat. Additionally, the State Govt. may submit Wildlife Management Plan along with detail cost of its implementation as per MoEF & CC letter vide File No. FC/11/43/2021-FC dated 07.06.2022.	Pertains to forest department.
14	In Part-II, para-6 it is mentioned that Diversion Area are is slightly steep and prone to erosion Therefore, State Govt. may provide details regarding the mitigation measures to be adopted to arrest the accelerated soil erosion/landslide during/after execution of the project. Additionally, the state Govt. may submit Soil and Moisture Conservation Plan along with detail cost of its implementation as per MoEF & CC letter vide File No. FC/11/43/2021-FC-dated 07.06.2022.	Pertains to forest department.
15	The State Govt. may rectify and fill the district profile in Part-II, para-14.	Pertains to forest department.
16	In Part-II, para-8(v), it has been mentioned that there are no rare/endangered/unique species of flora and fauna are present in the area. The same may be reviewed and a list of unique flora species prevailing in the area may also be provided along with action plan for protection and conservation.	Pertains to forest department.

This road is situated within 100Km of aerial distance from LAC with China and sanctioned by the Cabinet Committee on Security in Sep 2020. Please go through this. We hope you will find these compliances acceptable. It is requested that forest clearance may be accorded at an earliest please.

Encl: as above

*Adarsh*  
23/6/22  
Executive Engineer  
ICBRPD-III, Reckong Peo

Copy to:

1. CPM, ICBRPZ, CPWD, Nirman Kuteer, Choglamsar (Khasra No. 981), Near District jail, Leh, UT of Ladakh-194104
2. SE, ICBRPC, Reckong Peo, Himachal Pradesh-172107.
3. AE-II, ICBRPD-III, CPWD, Reckong Peo for necessary pursuance please in forest department.

(Executive Engineer)



R-1

No. KNR-8(SK) FRA-Cor.(Voll-II)/2022- 935  
Office of the Deputy Commissioner  
Kinnaur at Reckong Peo.

To

The Executive Engineer,  
Indo China Border Road Division-III  
CPWD, Reckong Peo, Kinnaur.  
Himachal Pradesh-172107  
Date: - 172107 Reckong Peo

9th June, 2022.

**Subject: -**

**Issue of Forest Right Act clearances certificate for forest land reg.**

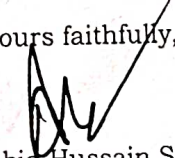
Sir,

Kindly refer to the letter no.:F.No.11-9/98-FC9pt.) from the ministry of Environment and Forest (FC Division), Government of India dated:- 5th Febuary, 2013 wherein their stated that proposals seeking prior approval of Central Government under Forest (conservation) Act, 1980 for projects like construction of roads, canals, laying of pipe lines/optical fibers and transmission lines etc. where linear diversion of use of forest land in several villages are involved, unless recognised rights of PTG/PAC are being affected, are exempted from the requirement of obtaining consent of concerned Gram Sabha(s), as stipulated in clause(c) read with clause (b), (e) and (f) in second Para of this Ministry's said letter dated:- 3.8.2009. Further the Ministry has accorded general approval under section 2 (ii) of the Forest conservation act 1980 to the State Government vide letter No.F.No. 11-246/2014-FC dated 04.04.2014, 09.01.2015, 21.12.2017 & 19-04-2018 for creation of border security related infrastructure and roads to be implemented by border road organisation (BRO), Indo Tibetan Border Police Force (ITBP), Border security Force (BSF), Sashastar Seema Bal (SSB) and other road construction agencies vested with job by Ministry of defence and Home in their respective jurisdiction in area falling within 100 km. of LAC, 15 km of Indo-Nepal border, 10km of Indo-Myanmar border and 5 km from all other international borders of India. However the proposal of diversion of forest land for the construction of Indo China Border roads Namgia-Dogri-Lukma via (MM ridge, Lukma-II), Dubling-RishiDogri-LamcheDogri, Dumti-Nithal Thach in which FRA certificate is sought for FCA clearance are discussed in District Level Forest Right Committee held on dated 26-05-2022 under the chairmanship of Deputy commissioner Kinnaur. All the members of DLC unanimously decided to comply with the above exemption to linear projects of strategic importance and recommended the same for further necessary action.

Therefore, accordingly for the below mentioned projects where you have sought the Forest Rights Act (FRA) Certificate, the Ministry's letter of exemption may kindly be referred:-

Sr.No.	Name of Road	Lenght (in km)	Area (In Hect.)
1	Namgia - Dogri - Lukma via (MM Ridge, Lukma-II), ITBP (Defence Road)	31.43	85-39-03
2	Dubling-RishiDogri-LamcheDogri road, ITBP (Defence road)	25	50-09-10
3	Dumti - Nithal Thach, ITBP (Defence Road)	8.24	14-44-20

Yours faithfully,

  
Abid Hussain Sadiq (IAS)  
Deputy Commissioner-Cum-  
Chairman DLC Kinnaur.



**Confidential**

**DIRECTORATE GENERAL, ITB POLICE**  
**MHA, GOVT OF INDIA**

Sub : Regarding consultancy services for preparation of DPR and detailed design of roads and bridges etc for construction of High Altitude Hill roads to Indo- China Border under phase - II in the state of Himachal Pradesh using satellite imagery.

CPWD may kindly refer ITBP UO No VIII-11015/03/ Ph-II Roads/2017/Ops- 2417-18 dated - 01.05.2017 and their letter No W-12011/261/EE (III)/BFZ/2016-17/942-E dated 06.07.17, regarding on the subject cited above.

2. In this regard, it is intimated that alignment of 01 road i.e. Dubling - Rishi Dogri- Gangtam Bralam had forwarded by CPWD in which CPWD has suggested change in location of start point of said road near Pooh (Army Camp) which is approx 6.30 km behind from Dubling on NH - 5 instead of Dubling.

3. ITBP is in agreement with the alignment suggested by CPWD, hence, the alignment of Dubling (near Army Camp, Pooh on NH-5) - Rishi Dogri - Gangtam Bralam road, 86.20 Km in HP is approved and the copy of same is being forwarded to your office for further necessary action at your end please.

Encl : a.a. (04 pages)

(Ajay Pal Singh)  
Dy Inspector General (Ops)

**SE (P&A), CPWD, O/o CE, BFZ, East Block-1, Level-IV, R. K. Puram, New Delhi.**

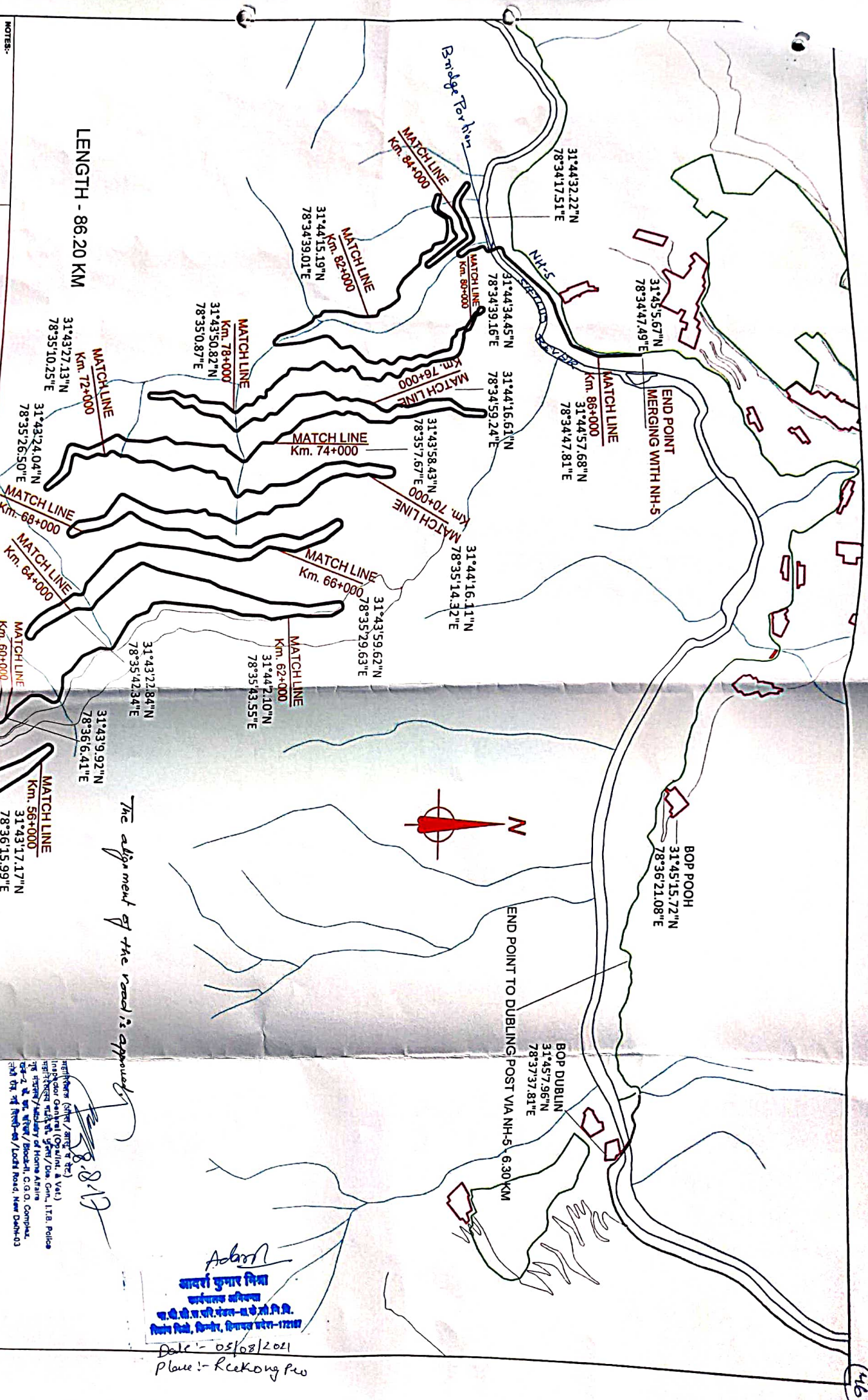
ITBP UO No.VIII-11015/03/ Ph-II Roads/2017 (Vol.II)/Ops - 4232-33 Date: 28/08/17

**Copy to :**

**Sh Man Singh, Director (BM-IV), MHA, NDCC-II Building, New Delhi - For info please.**

(Ajay Pal Singh)  
Dy Inspector General (Ops)





LENGTH - 86.20 KM

NOTES:-

1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED.

ALIGNMENT  
DUBLING - RISHIKOON - GAKOTIANG - BHALU

**L.N. MALVIYA INFRA PROJECTS PVT. LTD.**  
Head Office :- 1-10 2nd Floor City Centre zone 1,  
M.P. Nagar Bhopal 462011  
Ph. 0755 - 4236317  
Email: lnmalviya@rediffmail.com

Concrete Office :- Plot No.31, 2nd Floor, Behind HDFC Bank,  
Dwarka Sector 12A,  
New Delhi-110078,  
E-mail: dshah@rediffmail.com

CONSULTANCY SERVICES FOR  
PREPARATION FOR DPR AND DETAILED  
DESIGN OF ROADS AND BRIDGES ETC. FOR  
CONSTRUCTION OF HIGH ALTITUDE HILL  
ROADS TO UNDO - CHINA BORDER UNDER  
PHASE - II IN THE STATE OF HIMACHAL  
PRADESH USING SATELLITE IMAGERY

The alignment of the road is approved

*Adarsh*  
आदर्श कुमार मिश्रा  
कार्यपालक अभियन्ता  
स. बी. सी. प्र. वि. रोड - स. बी. सी. प्र. वि. वि.  
विमान विमान, विमान प्रवेश-172187  
Date :- 05/08/2021  
Place :- Rakeong Poo

DESIGNED BY: M. S. APPROVED BY: T. L.



DATE OF WORK: 05/08/2021  
SCALE: 1:50000







MATCH LINE  
Km. 38+000

31°41'11.77"N  
78°40'25.91"E

MATCH LINE  
Km. 36+000

31°40'60.00"N  
78°41'3.92"E

MATCH LINE  
Km. 34+000

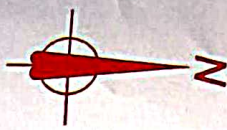
31°40'46.94"N  
78°41'28.39"E

MATCH LINE  
Km. 32+000

31°40'17.32"N  
78°42'33.61"E

MATCH LINE  
Km. 30+000

31°39'56.71"N  
78°43'3.08"E



LENGTH - 86.20 KM  
The alignment of the road is approved.

28.8.18  
Sd/-  
Inspector General (Opdmt. & V&L)  
Inspector General (Opdmt. & V&L)  
75 Station / Ministry of Home Affairs  
Rm-2, 2nd Flr, Block-II, C.O. Complex,  
Rm-2, 2nd Flr, Block-II, C.O. Complex,  
New Delhi-110078

L.N. MALVIYA INFRA PROJECTS PVT. LTD.  
Head Office: T-10, 3rd Floor, Connaught Place,  
New Delhi-110078  
Ph: 0755-4230317  
Fax: 0755-4230317  
E-mail: lnmalviya@gmail.com  
Website: www.lninfra.com

ALIGNMENT  
DUBLING - RAJHODGAR - GANGLYANG - BEALAM

Corporate Office: Plot No. 31, 2nd Floor, Behind HFC Bank,  
Connaught Sector 12A,  
New Delhi-110078  
E-mail: lninfra@gmail.com

DESIGNED BY: M. S. APPROVED BY: T.L.

DATE: 28.8.18

CENTRAL PUBLIC WORKS DEPARTMENT



NAME OF WORK

31°39'38.87"N MATCH LINE  
78°43'45.72"E Km. 28+000

31°39'33.34"N MATCH LINE  
78°44'2.45"E Km. 26+000

CONSULTANCY SERVICES FOR  
PREPARATION FOR DPR AND DETAILED  
DESIGN OF ROADS AND BRIDGES ETC. FOR  
CONSTRUCTION OF HIGH ALTITUDE HILL  
ROADS TO INDO-CHINA BORDER UNDER  
PHASE-II IN THE STATE OF HIMACHAL  
PRADESH USING SATELLITE IMAGERY

Initial 25kms of Alignment  
is to be considered.

Adarsh

आदर्श कुमार मिश्रा  
कार्यपालक अभियन्ता  
रा.प.क.प. नं. 10, 3<sup>र</sup> फ्लोर, कनॉट प्लेस-110078  
नई दिल्ली, दिल्ली, भारत-110078

Date: 05/08/2024  
Place: Reckong Poo







## CHECK LIST SERIAL NO. 6

**Muck Disposal Plan for Dubling – Rishi Dogri – Lamche Dogri Road**  
**(25.00 km)**

**Brief Summary of Project:**

Recognizing the need for the development of border road connectivity in Northern Region of the country, Ministry of Home Affairs, Department of Border Management, Govt. of India has entrusted The Central Public Works Department (CPWD) for the construction of high altitude hill roads to Indo – China Border under phase – II in the states of Uttarakhand, Himachal Pradesh & Jammu & Kashmir (now UT of Ladakh). This work is of National importance having strategic in nature from Border Security aspect.

The Road Dubling – Rishi Dogri – Lamche Dogri is a vital link road which is being constructed for ITBP to reach and to protect Indian Territory up to Line of Actual Control. Hence, this will be a very important road to transport ammunitions and Military personals up to border of India. Therefore diversion of required forest land will be essential for constructing the road. In addition to above forest patrolling will also be easy on this road. The Road Dubling – Rishi Dogri – Lamche Dogri passed through hilly mountainous terrain area of the Kinnaur Forest Division in the State of Himachal Pradesh. This is cold desert type area the weather is cold and harsh. Oxygen level is low. The road passes between altitudes of 14000 – 19000 ft. from Above Mean Sea Level (AMSL). The proposal for construction of Road Dubling – Rishi Dogri – Lamche Dogri from Km- 0+000 to Km- 25+000 has been prepared as per Forest Conservation Act, 1980 for obtaining forest clearance from Govt. of India.

**Necessity of Project:**

The road proposed along the approved alignment is required by ITBP in order to establish connectivity between its Border Outposts at Dubling – Rishi Dogri – Lamche Dogri. The military preparedness and security benefits are particularly critical in this region given the long – standing border and territorial issues with India's Eastern neighbor, China which makes road connectivity of paramount importance so as to ensure easy mobilization of troops, artillery etc. as and when required.

**Muck Disposal Plan**

Approximately 354674 cum of muck are to be disposed off. Out of this 19836 cum muck will be utilized for side filling and raising the level of the road in fill sections and Hard rock quantity (Rebate are consider in Estimation) is 205090 cum. Hence the quantity of unusable muck which is to be disposed off = 334838. For the disposal, 4.9715 Ha of land is being requisitioned in addition to the land required for construction of road. Locations of this muck disposal sites totaling for 49715 sqm is marked on Georeference Map and Toposheet.

*Adler*  
**आदर्श कुमार मिश्रा**  
 कार्य  
 ज.प.सी.प.परि.  
 निम्नलिखित, निम्नलिखित, निम्नलिखित 11/21/07



## CHECK LIST SERIAL NO. 6

## Geo Reference of Muck Disposal Area with location

S.No	Area Sqm	Longitude (E)			Latitude (N)		
		Deg	Min	Sec	Deg	Min	Sec
1	2000	78	34	1.56	31	44	43.51
2	2000	78	34	14.01	31	44	31.72
3	2000	78	34	32.64	31	44	23.39
4	2000	78	34	9.40	31	44	29.33
5	2000	78	34	31.82	31	44	20.13
6	1715	78	34	53.71	31	43	52.74
7	2000	78	34	47.82	31	44	12.41
8	2000	78	34	43.75	31	44	32.33
9	2000	78	34	52.91	31	44	12.80
10	2000	78	35	1.58	31	43	52.62
11	2000	78	34	58.67	31	43	34.92
12	2000	78	34	56.77	31	44	6.51
13	2000	78	35	1.69	31	44	25.33
14	2000	78	35	2.18	31	44	7.21
15	2000	78	35	7.43	31	43	39.23
16	2000	78	35	20.89	31	43	12.63
17	2000	78	35	12.88	31	43	42.92
18	2000	78	35	11.50	31	44	10.85
19	2000	78	35	20.99	31	44	2.91
20	2000	78	35	20.05	31	43	32.47
21	2000	78	35	38.88	31	43	7.39
22	2000	78	35	47.36	31	42	39.88
23	2000	78	36	9.82	31	42	24.40
24	2000	78	35	48.21	31	42	49.06
25	2000	78	35	43.30	31	43	17.61

Date: - 05/08/2021

Place: - Reckong Peo

Date: - 01/12/2021

Place: - Reckong Peo

Adarsh Kumar Mishra

Executive Engineer

ICBRPD-III, Reckong Peo

आदर्श कुमार मिश्रा

कार्यपालक अभियन्ता

आ.पी.सी.स.परि.मंडल-III के.पी.डि.वि.  
रिजॉनल ऑफिस, किन्नौर, हिमाचल प्रदेश-172107

(Reginald Royston A) IFS

Counter Signed

Deputy Conservator of Forests,  
Kinnaur Forest DivisionDeputy Conservator of Forest  
Office, Kinnaur Forest Division  
Reckong Peo, H.P.



**Full Title of Project: Construction of high link road between Dubling – Rishi dogri – Lamche dogri Road Indo-China Border roads under Phase 2 in the state of Himachal Pradesh.**

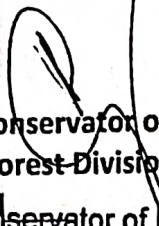
**RECLAMATION PLAN FOR MUCK DUMPING**

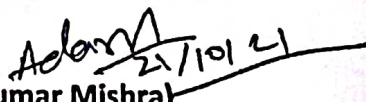
Approximately 354674 cum of muck are to be disposed off. Out of this 19836 cum muck will be utilized for side filling and raising the level of the road in fill sections and Hard rock quantity (Rebate are consider in Estimation) is 205090 cum. Hence the quantity of unusable muck which is to be disposed off = 334838. For the disposal, 4.9715 Ha of land is being requisitioned in addition to the land required for construction of road. After leveling, dumping sites will be rehabilitated by planting OBL plants. The reclamation plan for the dumping sites is prepared as under.

Area	Area in Hect.	Rate/ Ha.	Total Amount
0th Year (Plantation + Fencing)	4.9715	60150.00	299036
1th Maint.	4.9715	6350.00	31569
2nd Maint	4.9715	4300.00	21377
3rd Maint.	4.9715	2250.00	11186
4th Maint.	4.9715	2250.00	11186
5th Maint.	4.9715	2250.00	11186
6th Maint.	4.9715	2250.00	11186
7th Maint.	4.9715	2250.00	11186
8th Maint.	4.9715	2250.00	11186
9th Maint.	4.9715	2250.00	11186
10th Maint.	4.9715	2250.00	11186
TOTAL C.A SCHEME			441470
DEPARTMENTAL CHARGES @17.5%			77257
CONTINGENCY CHARGES @ 5%			22073
GST FOR THE COST OF F/POST 13800@ 18%			79464
NSY COST FOR PLANTS 838@ 23/-			19274
GRAND TOTAL			639538

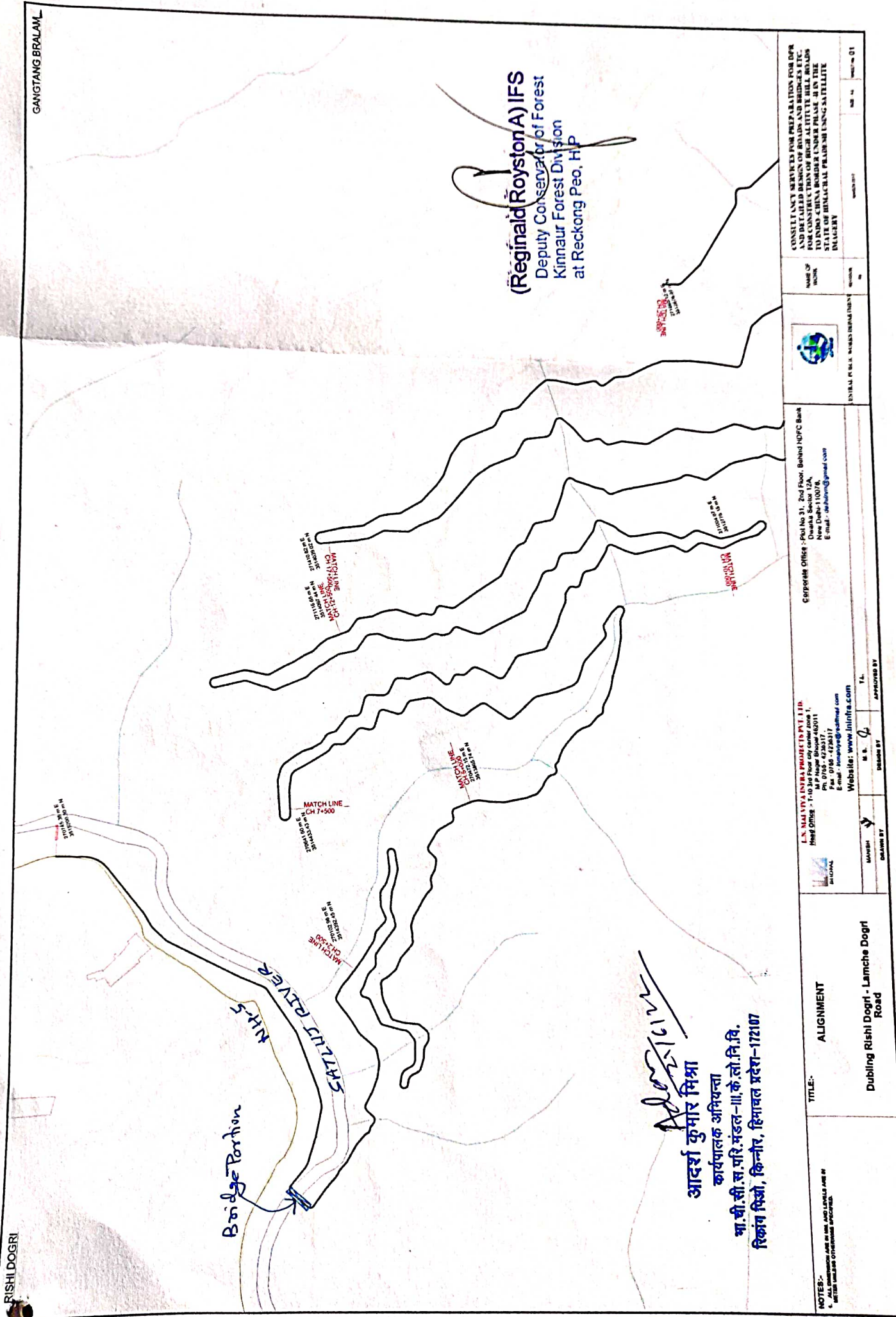
**Muck Dumping Certificate:-**

It is certified that there is no trees/ shrub growth on the proposed land for dumping site. It is also certified that the said area will be developed by user agency.

9/5  
  
 Deputy Conservator of Forests,  
 Kinnaur Forest Division  
 Office Seal  
 Deputy Conservator of Forests,  
 Kinnaur Forest Division at R/Peo HP.

  
 (Adarsh Kumar Mishra)  
 Executive Engineer (CPWD)  
 ज.पी.सी.ए. मंडल-III, के.लो.नि.वि.  
 रिकॉम सिटी, किन्नौर, हिमाचल प्रदेश-172107

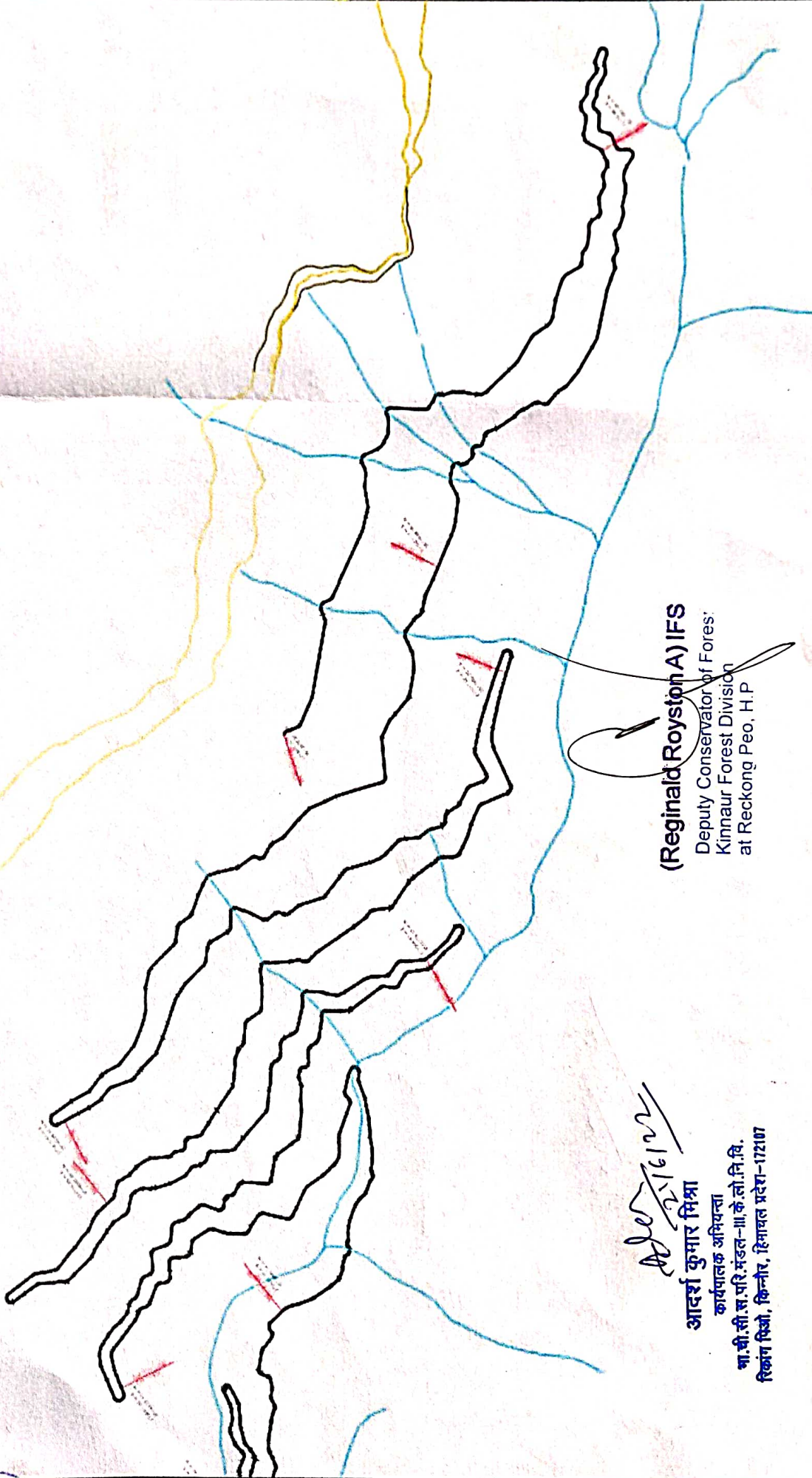






R-4

GANGTANG BEALAM



(Reginald Royston A) IFS  
Deputy Conservator of Forests  
Kinnaur Forest Division  
at Reckong Peo, H.P.

आदर्श कुमार मिश्रा  
कार्यपालक अभियन्ता  
आ.सी.सी.स.परि मंडल-III, के.लो.नि.वि.  
रिक्कांग पिछो, किन्नौर, हिमाचल प्रदेश-172107

<p>PROJECT - 1. Kinnaur Forest Division, Kinnaur District, Himachal Pradesh 2. Kinnaur Forest Division, Kinnaur District, Himachal Pradesh</p>	<p>FIELD - ALIGNMENT</p> <p>Dudding Rishi Dogni - Lamche Dogni Road</p>	<p>LA 100/110/120/130/140/150/160/170/180/190/200/210/220/230/240/250/260/270/280/290/300/310/320/330/340/350/360/370/380/390/400/410/420/430/440/450/460/470/480/490/500/510/520/530/540/550/560/570/580/590/600/610/620/630/640/650/660/670/680/690/700/710/720/730/740/750/760/770/780/790/800/810/820/830/840/850/860/870/880/890/900/910/920/930/940/950/960/970/980/990/1000/1010/1020/1030/1040/1050/1060/1070/1080/1090/1100/1110/1120/1130/1140/1150/1160/1170/1180/1190/1200/1210/1220/1230/1240/1250/1260/1270/1280/1290/1300/1310/1320/1330/1340/1350/1360/1370/1380/1390/1400/1410/1420/1430/1440/1450/1460/1470/1480/1490/1500/1510/1520/1530/1540/1550/1560/1570/1580/1590/1600/1610/1620/1630/1640/1650/1660/1670/1680/1690/1700/1710/1720/1730/1740/1750/1760/1770/1780/1790/1800/1810/1820/1830/1840/1850/1860/1870/1880/1890/1900/1910/1920/1930/1940/1950/1960/1970/1980/1990/2000/2010/2020/2030/2040/2050/2060/2070/2080/2090/2100/2110/2120/2130/2140/2150/2160/2170/2180/2190/2200/2210/2220/2230/2240/2250/2260/2270/2280/2290/2300/2310/2320/2330/2340/2350/2360/2370/2380/2390/2400/2410/2420/2430/2440/2450/2460/2470/2480/2490/2500/2510/2520/2530/2540/2550/2560/2570/2580/2590/2600/2610/2620/2630/2640/2650/2660/2670/2680/2690/2700/2710/2720/2730/2740/2750/2760/2770/2780/2790/2800/2810/2820/2830/2840/2850/2860/2870/2880/2890/2900/2910/2920/2930/2940/2950/2960/2970/2980/2990/3000/3010/3020/3030/3040/3050/3060/3070/3080/3090/3100/3110/3120/3130/3140/3150/3160/3170/3180/3190/3200/3210/3220/3230/3240/3250/3260/3270/3280/3290/3300/3310/3320/3330/3340/3350/3360/3370/3380/3390/3400/3410/3420/3430/3440/3450/3460/3470/3480/3490/3500/3510/3520/3530/3540/3550/3560/3570/3580/3590/3600/3610/3620/3630/3640/3650/3660/3670/3680/3690/3700/3710/3720/3730/3740/3750/3760/3770/3780/3790/3800/3810/3820/3830/3840/3850/3860/3870/3880/3890/3900/3910/3920/3930/3940/3950/3960/3970/3980/3990/4000/4010/4020/4030/4040/4050/4060/4070/4080/4090/4100/4110/4120/4130/4140/4150/4160/4170/4180/4190/4200/4210/4220/4230/4240/4250/4260/4270/4280/4290/4300/4310/4320/4330/4340/4350/4360/4370/4380/4390/4400/4410/4420/4430/4440/4450/4460/4470/4480/4490/4500/4510/4520/4530/4540/4550/4560/4570/4580/4590/4600/4610/4620/4630/4640/4650/4660/4670/4680/4690/4700/4710/4720/4730/4740/4750/4760/4770/4780/4790/4800/4810/4820/4830/4840/4850/4860/4870/4880/4890/4900/4910/4920/4930/4940/4950/4960/4970/4980/4990/5000/5010/5020/5030/5040/5050/5060/5070/5080/5090/5100/5110/5120/5130/5140/5150/5160/5170/5180/5190/5200/5210/5220/5230/5240/5250/5260/5270/5280/5290/5300/5310/5320/5330/5340/5350/5360/5370/5380/5390/5400/5410/5420/5430/5440/5450/5460/5470/5480/5490/5500/5510/5520/5530/5540/5550/5560/5570/5580/5590/5600/5610/5620/5630/5640/5650/5660/5670/5680/5690/5700/5710/5720/5730/5740/5750/5760/5770/5780/5790/5800/5810/5820/5830/5840/5850/5860/5870/5880/5890/5900/5910/5920/5930/5940/5950/5960/5970/5980/5990/6000/6010/6020/6030/6040/6050/6060/6070/6080/6090/6100/6110/6120/6130/6140/6150/6160/6170/6180/6190/6200/6210/6220/6230/6240/6250/6260/6270/6280/6290/6300/6310/6320/6330/6340/6350/6360/6370/6380/6390/6400/6410/6420/6430/6440/6450/6460/6470/6480/6490/6500/6510/6520/6530/6540/6550/6560/6570/6580/6590/6600/6610/6620/6630/6640/6650/6660/6670/6680/6690/6700/6710/6720/6730/6740/6750/6760/6770/6780/6790/6800/6810/6820/6830/6840/6850/6860/6870/6880/6890/6900/6910/6920/6930/6940/6950/6960/6970/6980/6990/7000/7010/7020/7030/7040/7050/7060/7070/7080/7090/7100/7110/7120/7130/7140/7150/7160/7170/7180/7190/7200/7210/7220/7230/7240/7250/7260/7270/7280/7290/7300/7310/7320/7330/7340/7350/7360/7370/7380/7390/7400/7410/7420/7430/7440/7450/7460/7470/7480/7490/7500/7510/7520/7530/7540/7550/7560/7570/7580/7590/7600/7610/7620/7630/7640/7650/7660/7670/7680/7690/7700/7710/7720/7730/7740/7750/7760/7770/7780/7790/7800/7810/7820/7830/7840/7850/7860/7870/7880/7890/7900/7910/7920/7930/7940/7950/7960/7970/7980/7990/8000/8010/8020/8030/8040/8050/8060/8070/8080/8090/8100/8110/8120/8130/8140/8150/8160/8170/8180/8190/8200/8210/8220/8230/8240/8250/8260/8270/8280/8290/8300/8310/8320/8330/8340/8350/8360/8370/8380/8390/8400/8410/8420/8430/8440/8450/8460/8470/8480/8490/8500/8510/8520/8530/8540/8550/8560/8570/8580/8590/8600/8610/8620/8630/8640/8650/8660/8670/8680/8690/8700/8710/8720/8730/8740/8750/8760/8770/8780/8790/8800/8810/8820/8830/8840/8850/8860/8870/8880/8890/8900/8910/8920/8930/8940/8950/8960/8970/8980/8990/9000/9010/9020/9030/9040/9050/9060/9070/9080/9090/9100/9110/9120/9130/9140/9150/9160/9170/9180/9190/9200/9210/9220/9230/9240/9250/9260/9270/9280/9290/9300/9310/9320/9330/9340/9350/9360/9370/9380/9390/9400/9410/9420/9430/9440/9450/9460/9470/9480/9490/9500/9510/9520/9530/9540/9550/9560/9570/9580/9590/9600/9610/9620/9630/9640/9650/9660/9670/9680/9690/9700/9710/9720/9730/9740/9750/9760/9770/9780/9790/9800/9810/9820/9830/9840/9850/9860/9870/9880/9890/9900/9910/9920/9930/9940/9950/9960/9970/9980/9990/10000/10010/10020/10030/10040/10050/10060/10070/10080/10090/10100/10110/10120/10130/10140/10150/10160/10170/10180/10190/10200/10210/10220/10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# Dubling Reshi Dogri-Lamche Dogri

Write description for your map.

N31°4'53"

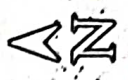
## Legend

- forest
- Muck Point
- Proposed Bridge Portion
- Road Centreline

Bridge Portion

आदर्श कुमार मिश्रा  
कार्यपालक अभियन्ता  
आ.पी.सी. - प्रकल्प-III, के.पी.न.पि.  
विभाग सि.सो. किर्वात, हिमाचल प्रदेश - 172102

(Reginald Royston A) IFS  
Deputy Conservator of Forest  
Kinnaird Forest Division  
Shimla District



1 km

Google Earth

Image © 2022 Google  
Map data © 2022 Google



GOVERNMENT OF INDIA  
DIRECTORATE GENERAL  
C.P.W.D., 433-B, A-WING,  
NIRMAN BHAWAN,  
NEW DELHI  
(BFR CELL)  
\*\*\*\*\*

No: ADG(B)/22/VIII/2020 / 668-TE.

Dated: 21/12/2020

MEMORANDUM

S. No.	Reference	COST APPROVED BY CCS	AGENCY
16/32	No.: 17014/159/2009-BM-I dated 07.10.2020	Rs.455.03 Crore	CPWD

**Subject:** AA&ES for construction of 32 ICBR-II Roads assigned to BRO, CPWD, NHDCL and ITBP of operational significance along Indo-China Border Reg. -

**Name of Road:** Dubling - Rishi Dogri - Lamche Dogri

**Length - 25.00 Kms.**

**Cost: Rs. 455.03 Crore**

**Probable Time of completion = 05 Years.**

The Administrative Approval and Expenditure Sanction of the competent authority is hereby conveyed in respect of the above estimate amounting to **Rs. 455.03 Crore (Rupees Four Hundred Fifty Five Crore and Three Lakh only)** for the work to be executed as per the description above. The expenditure should not exceed the sanctioned amount. Following may also be kept in consideration for the execution of the work:

1. The project will be completed as per the timeline approved by the CCS as mentioned above. The expenditure for the respective years shall be limited to the budgetary allotment as finally made. The monthly physical and financial progress report shall be sent by the agency to the Ministry of Home Affairs.
2. The concern agency will take up the construction of roads in EPC mode as far as possible and award of construction contracts only after 90% land acquisition and other statutory clearances are in place.
3. The agency is advised to comply with provisions of GFR - 2017, CPWD Manual, MoF's orders, MHA's and CVC's guidelines.
4. Final cost of each ICBR-II Road inclusive of all the expenses like agency charges etc. may not exceed the cost ceiling approved by the CCS as mentioned above.
5. The flow of funds should be through PFMS and EAT modules.
6. The Expenditure would be charged to the Head of Accounts during the current financial year 2020-21 and subsequent years as mentioned below: -



Grant No. : 48 - Police  
Major Head : 4055 - Capital outlay on Police  
Minor Head : 00.214 - Border Management  
Sub Head : 03 - Indo-China Border  
Detailed Head : 03.01 - Development of Infrastructure  
Object Head : 03.01.53 - Major Works

  
(Dinesh Kumar)  
Finance Officer

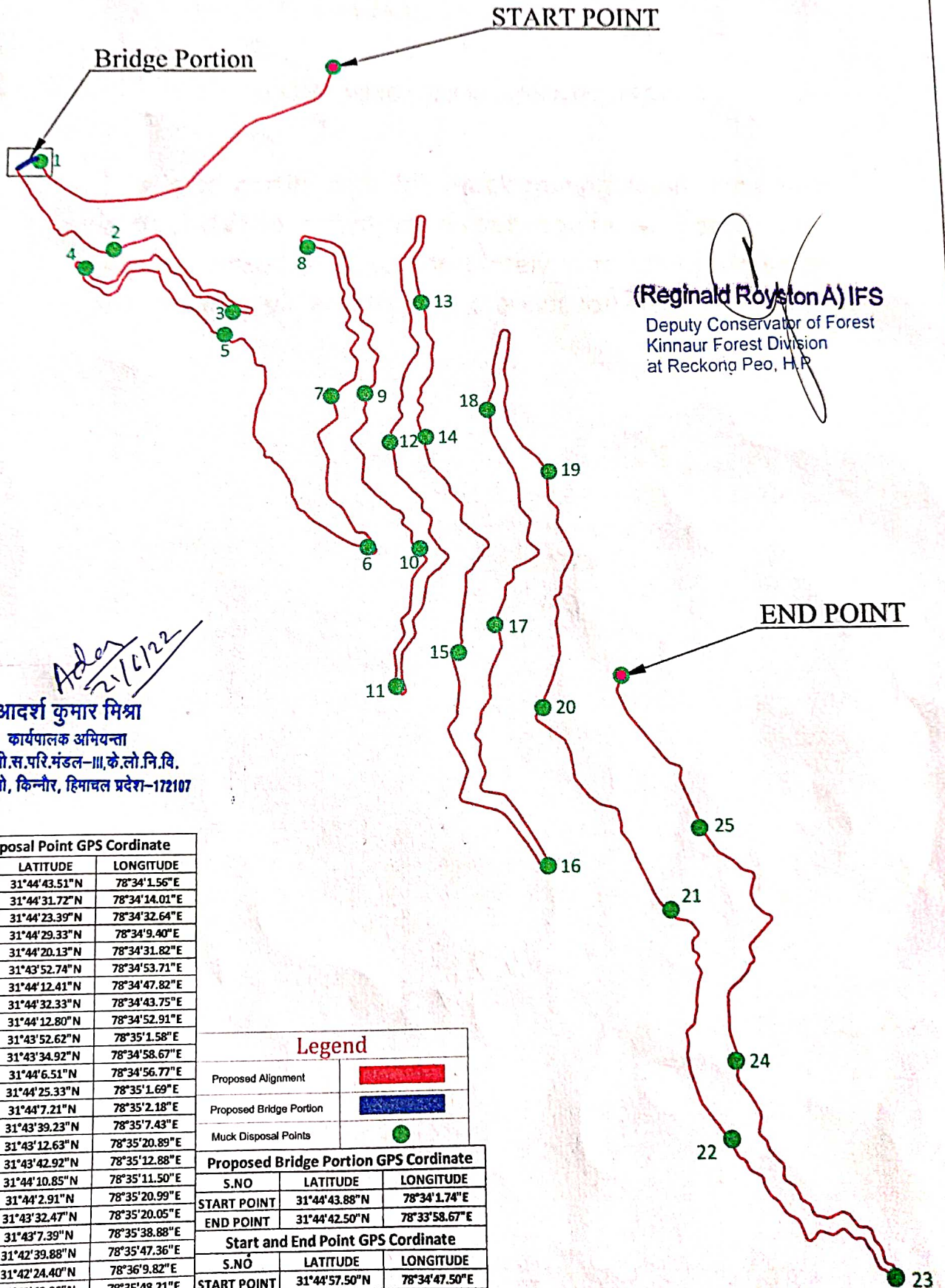
FOR Addnl. DIRECTOR GENERAL (Border)

TO

1. The AS & FA, MHA, North Block, New Delhi
2. The JS (BM-I), MHA, Major Dhyanchand Stadium, New Delhi
3. The DG, CPWD, 1<sup>st</sup> Floor Nirman Bhawan, New Delhi.
4. The DG, ITBP, CGO Complex, Lodhi Road, New Delhi.
5. The CCA, MHA, North Block, New Delhi. -
6. The CCA, M/o H&UA, Nirman Bhawan, New Delhi.
7. The CPM, ICBRPZ, Vidyut Bhawan, New Delhi.
8. The Director of Audit, Commerce, Works & Misc., I.P. Estate, New Delhi.
9. The Director BM-I, BM.III, Director CNB, MHA, Major Dhyanchand Stadium, New Delhi with a request that the **expenditure sanction is only upto the approved capital cost of project and ensure release of budget within CCS sanction.**
10. The P&AO (Sectt.), MHA, 2/10, Jamnagar House, New Delhi 110011.
11. E.E.(P), BFR Cell, DGW, C.P.W.D. Nirman Bhawan, New Delhi
12. Estimate File.



**DUBLING-RISHI DOGRI-LAMCHE DOGRI  
GEO REFERENCE OF MUCK DISPOSAL POINT  
TOTAL :-25K.M. LENGTH**



*Adarsh*  
21/6/22

**आदर्श कुमार मिश्रा**

कार्यपालक अभियन्ता

भा.ची.सी.स.परि.मंडल-III, के.लो.नि.वि.  
रिकांग पिञ्जो, किन्नौर, हिमाचल प्रदेश-172107

Muck Disposal Point GPS Coordinate		
S.NO	LATITUDE	LONGITUDE
1	31°44'43.51"N	78°34'1.56"E
2	31°44'31.72"N	78°34'14.01"E
3	31°44'23.39"N	78°34'32.64"E
4	31°44'29.33"N	78°34'9.40"E
5	31°44'20.13"N	78°34'31.82"E
6	31°43'52.74"N	78°34'53.71"E
7	31°44'12.41"N	78°34'47.82"E
8	31°44'32.33"N	78°34'43.75"E
9	31°44'12.80"N	78°34'52.91"E
10	31°43'52.62"N	78°35'1.58"E
11	31°43'34.92"N	78°34'58.67"E
12	31°44'6.51"N	78°34'56.77"E
13	31°44'25.33"N	78°35'1.69"E
14	31°44'7.21"N	78°35'2.18"E
15	31°43'39.23"N	78°35'7.43"E
16	31°43'12.63"N	78°35'20.89"E
17	31°43'42.92"N	78°35'12.88"E
18	31°44'10.85"N	78°35'11.50"E
19	31°44'2.91"N	78°35'20.99"E
20	31°43'32.47"N	78°35'20.05"E
21	31°43'7.39"N	78°35'38.88"E
22	31°42'39.88"N	78°35'47.36"E
23	31°42'24.40"N	78°36'9.82"E
24	31°42'49.06"N	78°35'48.21"E
25	31°43'17.61"N	78°35'43.30"E

**Legend**

Proposed Alignment	
Proposed Bridge Portion	
Muck Disposal Points	

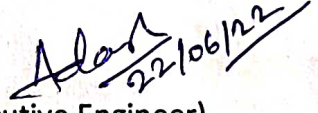
Proposed Bridge Portion GPS Coordinate		
S.NO	LATITUDE	LONGITUDE
START POINT	31°44'43.88"N	78°34'1.74"E
END POINT	31°44'42.50"N	78°33'58.67"E
Start and End Point GPS Coordinate		
S.NO	LATITUDE	LONGITUDE
START POINT	31°44'57.50"N	78°34'47.50"E
END POINT	31°43'36.69"N	78°35'31.53"E



**Name of Work:** Diversion of 50.091 ha. Of Forest land in favour of ITBP for the construction of Dubling -Rishi Dogri Road within the jurisdiction of Kinnaur Forest Division, Distt. Kinnaur, Himachal Pradesh. (Online Proposal No. FP/HP/ Road/145666/2021).

**UNDERTAKING FOR MUCK MANAGEMENT**

This is to certify that for muck management, retaining walls and other structures as per requirement of the site, will be constructed, to completely stop rolling down of the muck. It will also help to prevent soil erosion.

  
(Executive Engineer)  
ICBRPD-III, CPWD, Kinnaur,  
Himachal Pradesh-  
172107.



# CENTRAL PUBLIC WORKS DEPARTMENT

**JB: Estimate for construction of High Altitude Hill Roads to Indo - China Border under Phase II in the state of Himachal Pradesh**

**Name of Road:-** Dubling-Rishi Dogri

**Length = 25.00 km**

## GENERAL SUMMARY OF COST

Sr. No.	Description of Sub-Head	Amount of items based on Standard Data Book published by MoRT&H (Rs.)	Remarks
1	Earthworks	99,13,14,108	
2	Sub Base & Base Course	22,29,74,032	
3	Base and Surface Course (Bituminous)	11,16,22,423	
4	Road appurtenances	2,88,23,650	
5	Pipe culverts	60,87,232	
6	Foundation of structures	12,62,30,660	
7	Sub-structure	85,27,46,744	
8	Bridge Works	2,03,59,475	
9	Protection Works	20,13,02,111	
10	Rock fall Protection Works	57,42,224	
11	Tele-communication systems (wireless internet)	1,43,99,660	
12	Maintenance Infrastructure cost	3,80,16,767	
13	Amount of VAT & Excise Duty to be deducted from Prime Cost	(4,37,95,001)	
	<b>Sub - Total (Construction Works) - A</b>	<b>2,57,58,24,085</b>	<b>A</b>
	<b>Civil Cost is Rs. 10.303 Crore Per km</b>		
14	Time required for Construction (years) after receipt of statutory clearances and diversion of forest land	5	
15	Amount of escalation @ 6.5% per annum	83,71,42,827	
	<b>Cost including escalation - B</b>	<b>3,41,29,66,912</b>	<b>B</b>
16	Factor for managing cost elements, i.e. due to geological surprises, hostile and unpredictable weather condition, contingency plan for evecuation of labour, difficult terrain, snow clearance and land slide clarence (Expedients) etc @ 10% of (B) = C	34,12,96,691	<b>C</b>
17	Provision for Physical contingencies @ 3% of (B + C)	11,26,27,908	
	<b>Grand Total</b>	<b>3,86,68,91,511</b>	<b>D</b>
18	Goods and Service Tax on Infrastructure Contracts @ 12%	46,40,26,981	
	<b>Total cost including GST</b>	<b>4,33,09,18,493</b>	
	<b>Construction Cost is Rs. 17.324 Crore Per km</b>		
19	Cost of Land acquisition	15,01,480	
	<b>Total cost including GST &amp; Land cost</b>	<b>4,33,24,19,973</b>	
	<b>Construction Cost is Rs. 17.33 Crore Per km</b>		
20	Cost of maintenance for 5 years after completion of construction activities and DLP	19,46,17,146	
21	Goods and Service Tax on Infrastructure Contracts @ 12% on maintenance works	2,33,54,058	
	<b>Total cost of Maintenance</b>	<b>21,79,71,204</b>	<b>E</b>
22	<b>Total Maintenance Cost is Rs. ____ Per km / Year</b>	<b>17,43,770</b>	

**NOTE:**

1. This project cost is based on prevailing reasonable rates of various inuts, viz. machineries, labour and materials etc. These may vary subsequently in accordance with market fluctuations / Gazette notifications of Government.



OFFICE OF THE COLLECTOR, KINNAUR DISTRICT AT  
RECKONG PEO, H.P.

No. KNR-misc(DRA)/- 1079002.

Dated

NON-AVAILABILITY OF NON FOREST LAND CERTIFICATE

On the basis of Joint inspection report comprising of Forest & Revenue Department, it is certified that the land area measuring 50-09-10 hect. for construction of Dubling-Rishi Dogri-Lamcha Dogri road, land area measuring 85-42-21 hect. for construction of Namgia Dogri-lukma-I via(MM ridge & Lukma-2) roads of ICBR phase-II projects in sub-Division Pooh is to be proposed acquired by Executive Engineer, Indo China Border Road Project Division-III, Reckong Peo is a forest land. It is further certified that no non forest land is readily available for construction of above roads under phase-II District Kinnaur, H.P.

It is also certified that the diversion of above forest land for the construction of Dubling-Rishi Dogri-Lamcha Dogri & Namgia Dogri-lukma-I via(MM ridge & Lukma-2) roads under phase-II District Kinnaur is inescapable. The non availability of non forest land certificate is issued accordingly.

Place- Reckong Peo.  
Dated 13/02/21

Collector  
Kinnaur District  
at Reckong Peo.