

Full Title of Project:- Construction of Link road From Ghatti Ghar (Pukhri) to village Saluin Km. 0/0 to 3/338

CHECK LIST -3

FORM "A"

MAIN APPLICATION FORM PART I TO V

Form for seeking prior approval under section 2 of the proposal by the state Government and other authorities

PART-I

(TO BE FILLED IN BY THE USER AGENCY)

1. Project details

i)	Short narrative of the proposal and project/scheme for which	The Himachal Pradesh Govt. has proposed to Construct the Motorable Link road from Gatti Ghar (Pukhri) to village Saluin Km. 0/0 to 3/338. The entire length of the road involved in forest land i.e. is 2.535 Kms. The forest land required for the construction of the motorable road comes out to be 1.8810 Hact. (1.5210 hect. for road construction and 0.360000 hect. for dumping site for disposal of muck). The Joint Inspection report attached at page <u>83-85</u> This proposed road is being constructed to provide motorable link road from Gatti Ghar (Pukhri) to village Saluin. Due to absence of road Link the farmers of the area face a major problem for the transportation of their agriculture produce to the market. Besides this, the motor road will be helpful for the patients in case Medical emergencies. The road will cater to the needs of population 670 and will give a boost to the needs economy. For the construction of this road, 1.8810 ha. of forest land is required to be diverted as per Khasra number wise detail given at page <u>24-25</u>
ii)	Map showing the required forest land boundary of adjoining forest on a 1:50000 scale map.	Forest map giving necessary details duly authenticated is attached at page-
iii)	Cost of the project :	The total cost of the project has been estimated to Rs. 240.35 Lacs only.
iv)	Justification for locating the project in the forest area.	Three alternatives which were technically feasible were explored. Since all the beneficiary villages are surrounded by forests hence all the alignments have to necessarily pass through forest area if the primary objective of Linking the villages to the motor road is to be achieved. Hence there is no escape from using the forest land. Out of three alternatives the one which involves lesser number of forest land as well as trees has been finalized for construction of road. Detailed Joint Inspection report in this regard is enclosed at page <u>83-85</u>

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Construction of Motorable Link road to village Saluin Km. 0/0 to 3/338

Cost benefit analysis to be enclosed.	Not applicable as the area involved in the proposal is less than 5.00 hectares.
Employment likely to be generated.	Approximately 7530 mandays of employment will be generated directly. In Addition to this, services like marketing and developmental activities will also be improved and the employment opportunities in these sectors will be available to the people.
Purpose-wise break up of the total of land required.	Total land required for the construction road comes out to 2.3628 hectares. a) Forest land for road = 1.5210 ha. b) Forest land for dumping = 0.3600 ha. c) Non Forest Land = 0.4818 ha.
Detail of displacement of people due to project, if any?	No displacement is involved as all the local inhabitants of Village Hall through which the Road is being constructed are the Owner/ Shareholders of this Cooperative Society. i) No. of families.Not..... applicable. ii) Number of schedule caste/schedule Tribe families.Nil..... iii) Rehabilitation Plan (to be enclosed)
Whether clearance under Environment (protection) Act, 1986 required.	Not..... applicable.

(16)

Construction of Motorable Link road to village Saluin Km. 0/0 to 3/338

CHECK LIST NO. 2

DEMAND LETTER OF THE PROJECT AUTHORITY/APPLICATION

No.PWT-Forest case-(Ghatti Ghar (Pukhri) to village Saluin)FCA/2020-21-

Dated:

To

The Divisional Forest Officer,
Chamba Forest Division,
Chamba Distt. Chamba H.P.

Subject: Diversion of forest land for the Construction of link road From Ghatti Ghar (Pukhri) to village Saluin Km. 0/0 to 3/338.

Sir,

With reference to the Joint Inspection carried on 16/11/2021, five sets of the proposal for the diversion of 1.8810 hectare Forest Land for the above mentioned work under Chamba Forest Division Chamba are enclosed herewith for the necessary action under the Forest Conservation Act, 1980.

Enclosure: Forest Land Diversion Case,
(five Folders)

Yours faithfully,


Executive Engineer,
Tissa Division,
HP-PWD Tissa

Full Title of Project:- Construction of Link road From Ghatti Ghar (Pukhri) to village Saluin Km. 0/0 to 3/338

CHECK LIST – 4
DETAIL NOTE ON THE PROJECT

The forest land is required for the construction of motorable Link road to From Ghatti Ghar (Pukhri) to village Saluin KM 0/0 to 3/338 in District Chamba, Himachal Pradesh is being constructed by HP.PWD. Division Tissa (H.P). The total length of road 3.338 Kms. out of which 2.535 Km. would pass through the forest land and the rest 0.803 Km. is proposed to be constructed in the non-forest land.

The total land involved in the construction of this road is 2.3628 hectares (1.5210 hect. for road construction and 0.3600 hect. for dumping site for disposal of muck) and the rest 0.4818 hectares is non-forest land. The 4 No. dumping sites have been proposed and the area of 0.3600 hectare is required for dumping site for disposal of muck.

With the construction of this road village Saluin and its surrounding sub village will be improved considerably. These villages falls in the BASP belt of Chamba District and villagers are very poor. The horticulture and agriculture produce such as Peaches, Walnuts, Potatoes and Pulses are grown in the area and people face lot of problems in marketing the above crops for want of the road. The other services like health, education and other development activities will be improved with the construction of this road. The people shall gain employment on the construction activities and activity shall help in ameliorating the poor economy of the area.

Cost of Project & Employment Generated :

The total estimated cost of project is to the tune of Rs. 240.35 lacs and approximately 7530 maydays of employment would be generated with the construction of this road.

Environment details :

The ill effect environment, which are anticipated with the construction of this road have been taken care of. The actual quantity of muck is 54501.15 Cubic Metre. By taking a swell factor of 40% on pick and jumper work and 25% on blast work the total muck becomes 113936.29 cubic metre out of

Construction of Motorable Link road to village Saluin Km. 0/0 to 3/338

which 68361.78 cubic metre muck/ excavated is to be used locally for dry masonry and leveling of proposed road. After giving allowances for local consumptions the muck to be disposed off is 45574.52 cubic metre. The area of dumping place 3600.18 Square metre which has capacity for dumping of muck 45799.00 Cubic Metre. The proper provision has been made to minimize the soil erosion in the catchment by proper drainage and soil conservation measures. The compensatory afforestation shall also be carried out to compensate for the loss of forest land in the construction of road. Thus every care has been taken to minimize the ill effects on the environment.

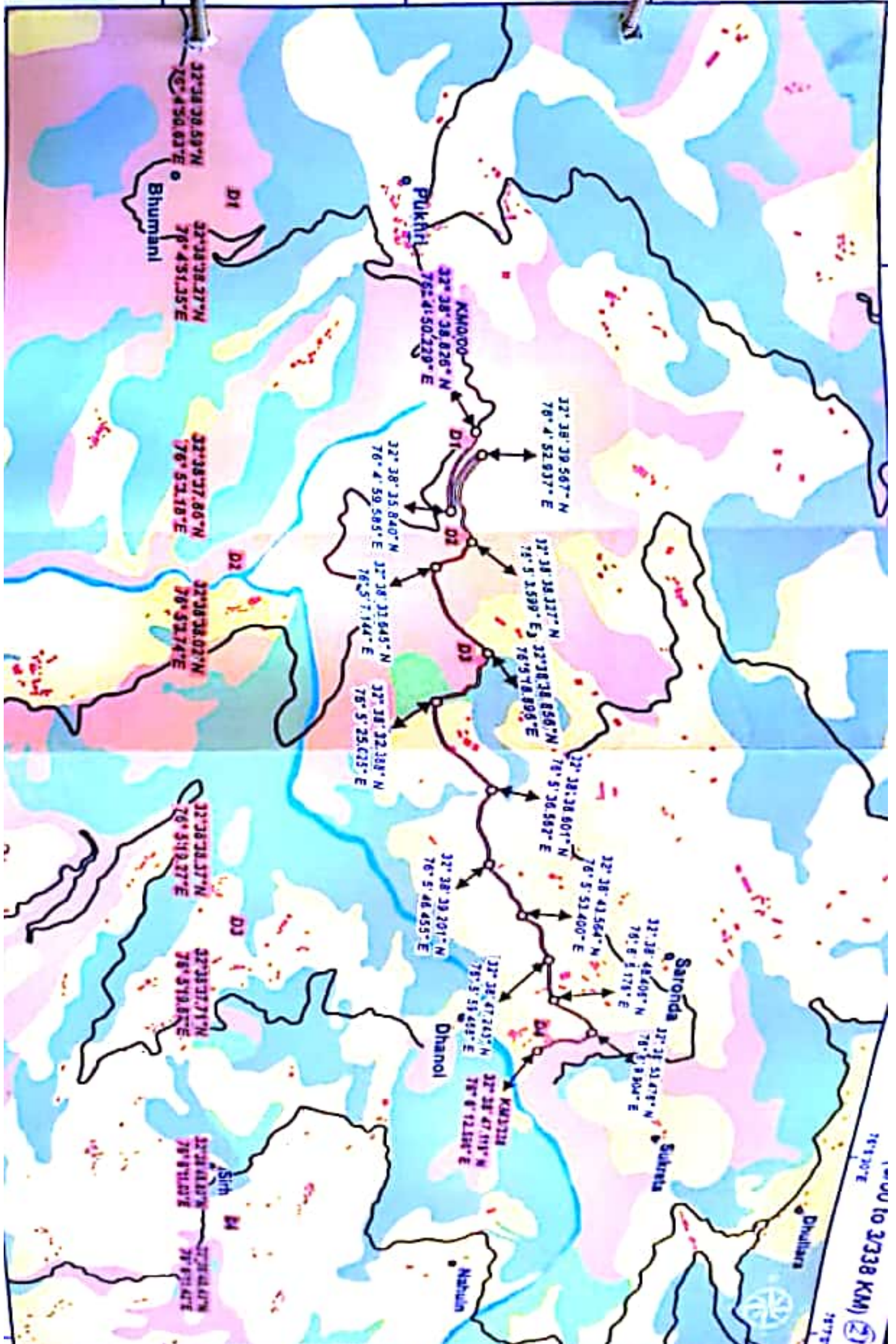
Plantation method :-

Nursery grown one year old plants (in polythene bags as well as naked root) will be planted in 30x30x30cm. and 45x45x45 cm. pits in the selected area. Bush cutting will be done in the infested area. The plantation will be maintained for subsequent 10 (Ten) years in which beating up of failures will be done. The plantation will be rainfed.

Protection (Fencing, Watch man, People's Participation etc.) :-

Area will be protected from grazing by erecting barbed wire fencing at all vulnerable places around the plantation. Further watch and ward as also fire protection will be ensured through regular departmental staff.

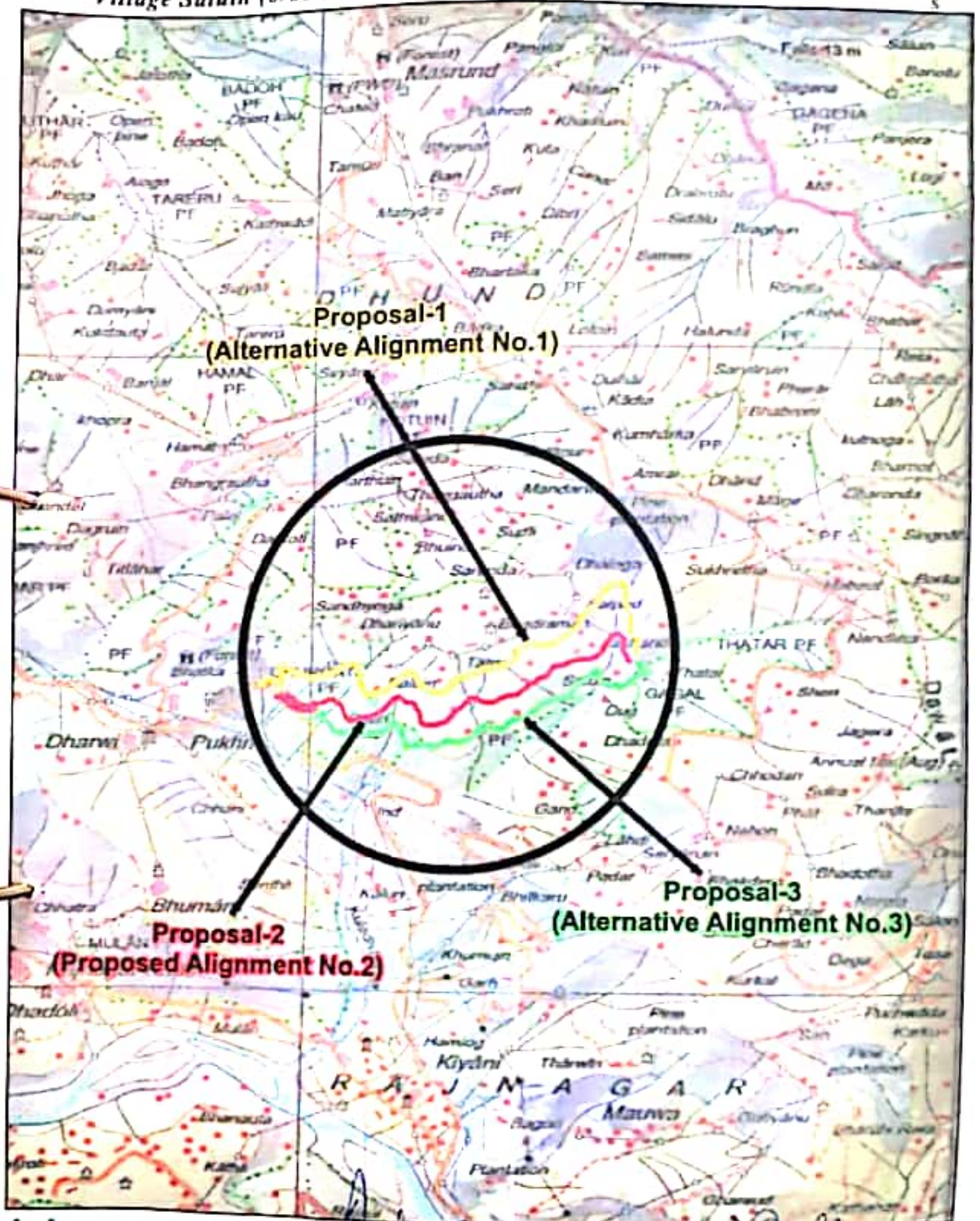
Proposed Management :-



Alternative Toposheet:-

Proposed Motorable Link Road from Ghatti Ghar (Pukhri) to Village Saluin (0/00 to 3/338 KM)

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Proposal-1
(Alternative Alignment No.1)

Proposal-2
(Proposed Alignment No.2)

Proposal-3
(Alternative Alignment No.3)

Index

Divisional Forest Officer
Chamba Forest Division
CHAMBA-176310

Scale: 1:50000
Tissa Division
PEWO Tissa

Toposheet NO: M3W2

Koti Sub Division

Proposal-1
(Alternative Alignment No.1)

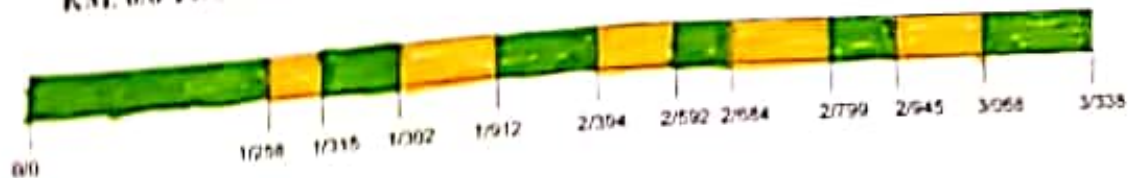
Proposal-2
(Proposed Alignment No.2)

Proposal-3
(Alternative Alignment No.3)

CHECK LIST NO. 8

LINEAR MAP

RD. WISE LIST OF FOREST AND PRIVATE LAND FOR CONSTRUCTION OF
MOTORABLE LINK ROAD FROM GHATTI GHAR (PUKHRI) TO VILLAGE SALUIN
KM. 0/0 TO 3/338 IN HP.PWD DIVISION TISSA DISTRICT CHAMBA (HP)



LEGEND

TOTAL FOREST LAND = 2.535 KM
PRIVATE LAND = 0.803 KM
TOTAL = 3.338 KM

S No	RD From	RD To	Distance in Metres.			Area in Hectares
			In Forest land	In Private Land	Total	
1	2	3	4	5	6	7
1	0/0	1/258	1258	---	1258	0.7548
2	1/258	1/315	---	57	57	0.0342
3	1/315	1/302	287	---	287	0.1722
4	1/302	1/912	---	310	310	0.1860
5	1/912	2/394	482	---	482	0.2892
6	2/394	2/592	---	198	198	0.1188
7	2/592	2/684	92	---	92	0.0552
8	2/684	2/799	---	115	115	0.0690
9	2/799	2/945	146	---	146	0.0876
10	2/945	3/068	---	123	123	0.0738
11	3/068	3/338	270	---	270	0.1620
TOTAL			2535	803	3338	2.0028

Forest land for road = 1.5210 ha

Private land for road = 0.4818 ha

Muck Dumping site = 0.3600 ha

Total Forest Land = 1.5210 + 0.3600 = 1.8810 hectares

Total Land = 1.8810 ha. forest land + 0.4818 non forest land = 2.3628 hectares

(Signature)
Assistant Engineer,
Koti Sub Division,
HP.PWD, Koti

(Signature)
Executive Engineer,
Tissa Division,
HP.PWD, Tissa

(Signature)
Range Forest Officer,
Mayraund Forest Range

(Signature)
Divisional Forest Officer,
Chamba Forest Division,
Chamba

Objective of the Project :- Construction of motorable link road From Ghatti Ghar (Pukhri) to village Saluin Km. 0/0 to 3/338

Checklist – 7

STATEMENT SHOWING DETAILS OF FOREST AREA PROPOSED FOR DIVERSION

Division	Range/ Tehsil/ Village	Khasra/ Survey or Compartment Number of Km Stone	Classification as per Revenue record.	Forest Area proposed for Diversion (Ha)		Legal status of Forest Area	Remarks
				B-B-B.	Hect.		
Chamba							
Chamba	Masroond Chamba/	650/1	Chargaha Darktan	03-10-00	0.2878		
Chamba	Masroond Chamba/	652/1	Chargaha Darktan	01-07-00	0.1090		
Chamba	Masroond Chamba/	758/1	Chargaha Billa Darktan	00-05-00	0.0220		
Chamba	Masroond Chamba/	651/1	Chargaha Darktan	00-09-00	0.0360		
Chamba	Masroond Chamba/	878/1	Chargaha Billa Darktan	04-05-00	0.3282		
Chamba	Masroond Chamba/	927/1	Chargaha Billa Darktan	01-02-00	0.0580		
Chamba	Masroond Chamba/	940/1	Chargaha Darktan	00-14-00	0.0560		
Chamba	Masroond Chamba/	1091/1	Chargaha Billa Darktan	00-12-00	0.0492		
Chamba	Masroond Chamba/	1943/1108/1	Chargaha Darktan	00-12-00	0.0492		
Chamba	Masroond Chamba/	1945/1137/1	Chargaha Billa Darktan	00-19-00	0.0786		
Chamba	Masroond Chamba/	1896/1172/1	Chargaha Billa Darktan	01-07-00	0.1095		
Chamba	Masroond Chamba/	1182/1	Gair Mumkin Nali	00-01-00	0.0042		
Chamba	Masroond Chamba/	1185/1	Chargaha Billa Darktan	00-14-00	0.0588		
Chamba	Masroond Chamba/	1609/1	Chargaha Billa Darktan	00-18-00	0.0784		
Chamba	Masroond Chamba/	1625/1	Chargaha Billa Darktan	00-11-00	0.0480		
Chamba	Masroond Chamba/	1686/1	Chargaha Billa Darktan	00-07-00	0.0280		
Chamba	Masroond Chamba/	1691/1	Gair Mumkin Nali	00-02-00	0.0080		

Construction of Motorable Link road to village Saluin Km. 0/0 to 3/338

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19	Chamba	Chamba	Masroond Chamba/	1917/1715/1	Chargaha Billa Darktan	00-11-00	0.0468		
					Total	19-01-00	1.5210 Ha		
DUMPING SITES FOR DISPOSAL OF LEFT OUT MUCK									
1	Chamba	Chamba	Masroond Chamba/	650/2	Chargah Darktan	01-06-00	0.1040		
2	Chamba	Chamba	Masroond Chamba/	940/1	Chargah Darktan	01-04-00	0.0960		
3	Chamba	Chamba	Masroond Chamba/	1896/1172/2	Chargaha Billa Darktan	01-02-00	0.0880		
4	Chamba	Chamba	Masroond Chamba/	1917/1715/2	Chargaha Billa Darktan	00-18-00	00.0720		
					Total	04-10-00	0.3600 Ha		
					G.Total	23-11-00	1.8810 Ha		

Range Forest Officer,
Masroond Forest Range.

Divisional Forest Officer,
Chamba Forest Division
Chamba

Assistant Engineer,
Koti Sub Divn.
H.P.P.W.D., Koti

Executive Engineer,
Tissa Division,
H.P.P.W.D., Tissa

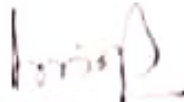
Road	Chamba	Chamba	Tikri	921/1	Barani Abthal	00-02-00	0.0141
Road	Chamba	Chamba	Tikri	923/1	Barani Abthal	00-05-00	0.0225
Road	Chamba	Chamba	Tikri	955/1	Barani Abthal	00-08-00	0.0341
Road	Chamba	Chamba	Tikri	956/1	Barani Abthal	00-04-02	0.0184
Road	Chamba	Chamba	Tikri	1057/1	Barani Abthal	00-04-00	0.0184
Road	Chamba	Chamba	Tikri	1058/1	Barani Abthal	00-05-00	0.0224
Road	Chamba	Chamba	Tikri	1084/1	Barani Abthal	00-09-00	0.0372
Road	Chamba	Chamba	Tikri	1085/1	Barani Abthal	00-19-00	0.0706
Road	Chamba	Chamba	Tikri	1156/1	Barani Doyam	00-03-00	0.0120
Road	Chamba	Chamba	Tikri	1157/1	Barani Doyam	00-13-00	0.0562
Road	Chamba	Chamba	Tikri	1158/1	Barani Doyam	00-07-00	0.0230
Road	Chamba	Chamba	Tikri	1179/1	Barani Doyam	00-06-00	0.0240
Road	Chamba	Chamba	Tikri	1613/1	Barani Doyam	00-04-04	0.0182
Road	Chamba	Chamba	Tikri	1614/1	Barani Abthal	00-10-00	0.0406
Road	Chamba	Chamba	Tikri	1909/1	Barani Abthal	00-04-00	0.0040
Road	Chamba	Chamba	Tikri	1684	Barani Abthal	00-03-00	0.0112
Road	Chamba	Chamba	Tikri	1685/1	Barani Abthal	00-04-00	0.0182
Road	Chamba	Chamba	Tikri	1651/1	Barani Abthal	00-09-00	0.0342
					Total	06-00-06	0.4818 Ha.

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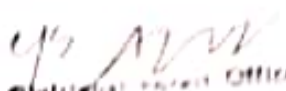
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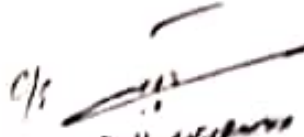
CERTIFICATE FOR NON-AVAILABILITY OF NON FOREST LAND

Certified that no suitable non forest land is available for the construction of link road from Gata Ghar (Pukhr) to village valuin km 0/0 to 3/338, owing to fact that as per 1952 Notification of State Government, all Govt. wastelands have been declared as protected forests. Hence all such lands come under the category of forest land and attract the provisions of Forest Conservation Act 1980.


Sub Tehsildar
Jb Teh. Pukhr


Sub Divisional Officer (C)
Chamba Sub Division, Chamba


Divisional Forest Officer
Chamba Forest Division
CHAMBA


Collector
Chamba Distt. Chamba H.P.

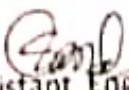

Assistant Engineer
Kotl Sub Division
HPFWD Kotl

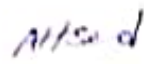
CHECKLIST NO. 10

Justification for locating the project in the forest area

1.8810 ha of forest land is required for the Construction of motorable Link road From Ghatti Ghar (Pukhri) to village Saluin Km. 0/0 to 3/338 FM. The total length of the road is 3.338 Km. out of which 2.535 Km. of the road is pass through forest land and 0.803 Km. passes through non-forest land. This road is being constructed to provide motor link to from Ghatti Ghar (Pukhri) to village Saluin. The road will cater to the needs of population of about 600 and will give a boost to the local economy. For the construction of this road and dumping site 1.8810 ha area of forest land is required to be diverted. The Joint Inspection report attached at page No. 83, 84

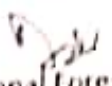
Three number alternatives which were technically feasible were explored. Since all the beneficiary villages are surrounded by forest hence all the three number alignments have to be necessarily pass through forest area if the primary objective of linking the village to the motor road is to be achieved. Hence there is no escape from using the forest land. Out of the three number alignments the one which involves lesser number of forest land as well as trees has been finalized for construction of road.


Assistant Engineer,
Koti Sub Division
HP.PWD. Koti


Assistant Engineer
Koti Sub Division,
HP.PWD Koti


Executive Engineer,
Tissa Division/HP.PWD.,
HP.PWD Division 176316

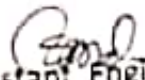
Countersigned by :-

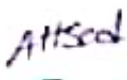

Divisional Forest Officer,
Chamba Forest Division,
Chamba

CHECK LIST - 12

UNDERTAKING FOR PAYMENT OF COST OF COMPENSATORY AFFORESTATION

I/We, Executive Engineer, Tissa Division, HP.PWD Tissa hereby, undertake to pay the entire amount for compensatory afforestation in lieu of the forest area diverted for Construction of motorable link road to From Ghatti Ghar (Pukhri) to village Saluin Km. 0/0 to 3/338 as per prevailing wage rates at the time of plantation.


Assistant Engineer,
Koti Sub Division
HP.PWD. Koti


Assistant Engineer
Koti Sub Division
HP.PWD Koti


Executive Engineer,
Tissa Division, PWD
Tissa HP.PWD Tissa 76316

Countersigned by :-


Divisional Forest Officer,
Chamba Forest Division,
Chamba

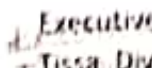
Construction of Motorable Link road to village Saluin Km. 0/0 to 3/338

CHECK List No. - 13
UNDERTAKING FOR THE PAYMENT OF NET PRESENT VALUE
OF FOREST AREA

It is to certify that I/We Executive Engineer, Tissa Division, HP.PWD Tissa have applied for diversion of 13810 ha. of forest area for the purpose of motorable link road From Ghatti Ghar (Pukhi) to village Saluin Km. 0/0 to 3/338 I/We, hereby, undertake to pay the net present value (NPV) of the above forest land. I/we also hereby undertake to pay the additional amount of NPV, if so determined as per the decision of the Hon'ble Supreme Court.


 Assistant Engineer,
 Koti Sub Division
 HP.PWD. Koti


 Assistant Engineer
 Koti Sub Division
 HP.PWD Koti


 Executive Engineer,
 Tissa Division, HP.PWD.
 HP.PWD. Tissa 175316

Countersigned by :-


 Divisional Forest Officer,
 Chamba Forest Division,
 Chamba

OFFICE OF THE SDO (CIVIL) CHAMBA
DISTRICT CHAMBA H.P.

ANNEXURE III

Proceedings of the meeting of the Sub-Divisional Committee constituted under Schedule Tribes & Other Traditional Forest Dwellers (Recognition of Rights) Act (ITDA), 2006.

A meeting of the Sub-Divisional Committee of Chamba Sub-Division constituted under ITDA, 2006 was held under the chairmanship/Chairpersonship of the known Chand (IAS SDOIC), Chamba on dated 18-04-2015 at 10:00 AM Chamba in which the application(s) of the applicant(s) of ITDA Gram Sabha, claiming rights in _____ forest area(s) under ITDA 2006 duly processed and recommended by _____ Gram Sabha, were discussed to consider the same for recommendation to the District Level Committee.

After scrutiny of the documents and detailed discussion the claim of following applicants were found to be in order and recommended for admission to District Level Committee.

Sr. No.	Name of Applicant	Name of Forest	Detail of Forest Right
1			
2			

Claims of following applicants were not found in order and hence rejected

Sr. No.	Name of Applicant	Name of Forest	Detail of Forest Right
1			
2			

As informed by ITDA Gram Sabha, no application was received claiming rights in ITDA forest area.

Place: Chamba
Date: 18/04/2015

Krishan Chand (IAS)
Sub-Divisional Officer (Civil)-cum-
Chairman/Chairperson
Chamba H.P.

Principal
District Revenue Officer
Chamba, Dist. CHAMBA (H.P.)

Joint
Assistant Engineer
Kailash Division
H.P. (H.P.) Kail

FORM-I
(for linear projects)
GOVERNMENT OF HIMACHAL PRADESH
OFFICE OF THE DISTRICT COLLECTOR, CHAMBA DISTRICT CHAMBA H.P.

NO 584 /CBA/DRA/2020

dated: - Chamba, 17 ⁰⁴/_{August}, 2020

TO WHOMSOEVER IT MAY CONCERN

In compliance of the Ministry of Environment and Forests (MoEF), Government of India's letter No-11-9/98-FC(p), dated 3rd August, 2009 wherein the MoEF issued guidelines on submission of evidences for having initiated and completed the process of settlement of rights under the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition) of Forest Rights) Act, 2006 on the forest land proposed to be diverted for non-forest purpose. read with MOEF's letter dated 5th February 2013 wherein MOEF issued certain relaxation in respect of linear project, it is certified that **1.8810 hectare** of forest land proposed to be diverted in favour of **Himachal Pradesh Public Works Department Gollp** for the **Construction of link road Gali to Salwin Km 3-33** in Chamba District falls within the jurisdiction of Tikri village in Tehsil & District Chamba.

It is further certified that: -

- a) The complete process for identification and settlement of rights under the FRA has been carried out for the entire **1.8810 hectare** of forest land proposed for diversion. A copy of records of all consultation and meetings of the Forest Rights Committee, Gram Sabha, Sub Division Level Committee and the District Level Committee are enclosed as annexure-I to annexure-IV.
- b) The diversion of forest land for facilities managed by the Government as required under section 3(2) of the FRA have been completed and the Gram Sabhas have given their consent to it. (Not applicable)
- c) The proposal does not involve recognized rights of Primitive Tribal Groups and pre-agricultural communities.

Encls: - As above.

ansd
Assistant Engineer
Koili Sub Division,
Chamba District
4ppw/D Kod

[Signature]
District Collector,
Chamba District

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अनुसूचित जनजाति और अन्य परम्परागत वन निवासी (वन अधिकारों की मामूली) अधिनियम 2006

वन अधिकार समिति

ग्राम सभा मुहल हिकरी

प्रतिलिपि प्रतीक-

दिनांक 31/03/2015

प्रस्ताव संख्या - 01

वन अधिकार समिति ग्राम सभा मुहल हिकरी की बैठक आज दिनांक 31/03 को 11:30 बजे स्थान गामा हिकरी में श्री/श्रीमति इन्दिरा सिंह की अध्यक्षता में की गई, जिसमें मुहल हिकरी गांव के अनुसूचित जनजाति और अन्य परम्परागत वन निवासी (वन अधिकारों की मामूली) अधिनियम 2006 के अन्तर्गत जंगल/वन क्षेत्र में (जिसमें मुहल हिकरी विभाग द्वारा निर्माण के लिए हेक्टेयर वन भूमि के उपयोग की मजूरी प्रस्तावित है) वन अधिकारों के लिए दावे हेतु प्राप्त हुए गांव वासियों के वन अधिकारों के आवेदनों पर चर्चा की गई। वन अधिकारों के प्रस्तावों के साथ प्रस्तुत दस्तावेजों के अध्ययन तथा उस पर विस्तृत चर्चा के उपरान्त वन अधिकार समिति सभा द्वारा निम्नलिखित पात्रों का तथा नियमानुसार सही पाया गया -

क्रम संख्या	पात्र गांववासी का नाम	जंगल का नाम	वन अधिकारी का ब्यौरा
1.			
2.			

तदनुसार यह वन अधिकार समिति इस दावे/इन दावों को पारित करने हेतु सभा से इसकी सिफारिश करती है।

उपरोक्त में से निम्नलिखित पात्रों का दावा नियमानुसार सही नहीं पाया गया -

क्रम संख्या	पात्र गांववासी का नाम
1.	
2.	

तदनुसार ग्राम सभा इस दावे/इन दावों को निरस्त करने की सिफारिश करती है।

जंगल/वन क्षेत्र में कोई भी वन अधिकार का दावा प्राप्त नहीं हुआ।

स्थान मुहल हिकरी

अधिकृत हस्ताक्षरकर्ता

दिनांक 31/3/15

ग्राम सभा

गांववासी/ग्राम वासियों के नाम निम्नलिखित वन क्षेत्र/जंगल में वन अधिकारों के दावे के लिए आवेदन किया है।

जंगल/कावे का नाम जिसका * के वन (तस्वीरी) अधिनियम 1980 के अन्तर्गत वन भूमि के उपयोग की अनुमति दी जाती है।

[Signature]
 वन अधिकार समिति
 ग्राम मुहल हिकरी
 मुहल हिकरी

[Signature]
 District Revenue Officer
 Chamba, Distt. CHAMBA (H.P.)

[Signature]
 Assistant Engineer
 Koti Sub Division

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Construction of Motorable Link road to village Saluin Km. 0/0 to 3/338

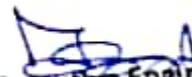
Hence the spacing will be kept at 1.5 mtr. x 1.5 mtr. The total area involved in dumping is 3600.18 Square metre. Also due to inert nature of soil, plants will need extra care for their establishment. For this purpose, imported soil/ organic manure will be added in each pit for easy establishment of plants. Watering of the plant in dry season will be provided to prevent mortality. The plantation will be further maintained at project cost for next ten year beating up of failure will be done.

Post reclamation arrangement :

Since the area in question is required by the user agency only for the temporary use of dumping, hence the area will be reverted back to forest department after implementing the reclamation plan, if so stipulated by Govt. of India. However if at the time of so reverting back the areas to forest department if any activities as per this reclamation plan is found wanting then the forest department may realize the cost that activity from the user agency at the prevailing wages rates applicable in forest department and may get the same done departmentally at the project cost.

Place : Tissa
Dated :-


Assistant Engineer,
Koti Sub Division,
HP:PWD Koti


Executive Engineer.
Tissa Division,
HP:PWD Tissa

FW	FN	EW	FW	FN	EW
0%	0%	100%	0.00	0.00	0.00
0%	0%	100%	0.00	0.00	163.05
0%	0%	100%	0.00	0.00	166.95
0%	0%	100%	0.00	0.00	170.85
0%	0%	100%	0.00	0.00	174.75
0%	0%	100%	0.00	0.00	165.55
0%	0%	100%	0.00	0.00	156.35
0%	0%	100%	0.00	0.00	160.25
0%	0%	100%	0.00	0.00	164.15
0%	0%	100%	0.00	0.00	168.05
0%	0%	100%	0.00	0.00	171.95
0%	0%	100%	0.00	0.00	185.80
40%	40%	20%	79.86	79.86	39.93
40%	40%	20%	81.42	81.42	40.71
40%	40%	20%	82.98	82.98	41.49
40%	40%	20%	84.54	84.54	42.27
40%	40%	20%	86.10	86.10	43.05
40%	40%	20%	86.54	86.54	43.27
40%	40%	20%	86.98	86.98	43.49
50%	50%	0%	110.68	110.68	0.00
50%	50%	0%	112.63	112.63	0.00
50%	50%	0%	99.03	99.03	0.00
50%	50%	0%	85.43	85.43	0.00
50%	50%	0%	87.38	87.38	0.00
50%	50%	0%	89.33	89.33	0.00
50%	50%	0%	91.28	91.28	0.00
50%	50%	0%	93.23	93.23	0.00
50%	50%	0%	95.18	95.18	0.00
50%	50%	0%	97.13	97.13	0.00
			1549.67	1549.67	2141.91

Length	Quantity	Classifications			Quantity		
		PW	IW	BW	PW	IW	BW
0.00	0.00	40%	40%	20%	0.00	0.00	0.00
10.00	199.10	40%	40%	20%	79.64	79.64	39.82
10.00	134.75	0%	0%	100%	0.00	0.00	134.75
10.00	135.25	0%	0%	100%	0.00	0.00	135.25
10.00	144.75	0%	0%	100%	0.00	0.00	144.75
10.00	154.25	50%	50%	0%	77.13	77.13	0.00
10.00	154.75	50%	50%	0%	77.38	77.38	0.00
10.00	155.25	50%	50%	0%	77.63	77.63	0.00
10.00	155.75	50%	50%	0%	77.88	77.88	0.00
10.00	156.25	50%	50%	0%	78.13	78.13	0.00
10.00	144.35	50%	50%	0%	72.18	72.18	0.00
10.00	132.45	0%	0%	100%	0.00	0.00	132.45
10.00	132.95	0%	0%	100%	0.00	0.00	132.95
10.00	133.45	0%	0%	100%	0.00	0.00	133.45
10.00	133.95	0%	0%	100%	0.00	0.00	133.95
10.00	134.45	50%	50%	0%	67.23	67.23	0.00
10.00	134.95	50%	50%	0%	67.48	67.48	0.00
10.00	135.45	50%	50%	0%	67.73	67.73	0.00
10.00	135.95	50%	50%	0%	67.98	67.98	0.00
10.00	136.45	0%	50%	50%	0.00	68.23	68.23
10.00	136.95	0%	50%	50%	0.00	68.48	68.48
10.00	137.45	0%	50%	50%	0.00	68.73	68.73

10.00	181.45	0%	50%	50%	0.00	90.73	90.73
10.00	184.95	0%	50%	50%	0.00	92.48	92.48
10.00	188.45	0%	50%	50%	0.00	94.23	94.23
10.00	191.95	0%	50%	50%	0.00	95.98	95.98
10.00	195.45	0%	50%	50%	0.00	97.73	97.73
10.00	198.95	0%	50%	50%	0.00	99.48	99.48
10.00	202.45	0%	50%	50%	0.00	101.23	101.23
10.00	205.95	0%	50%	50%	0.00	102.98	102.98
10.00	209.45	0%	50%	50%	0.00	104.73	104.73
10.00	212.95	40%	40%	20%	85.18	85.18	42.59
10.00	216.45	40%	40%	20%	86.58	86.58	43.29
10.00	219.95	40%	40%	20%	87.98	87.98	43.99
10.00	223.45	40%	40%	20%	89.38	89.38	44.69
10.00	226.95	40%	40%	20%	90.78	90.78	45.39
10.00	230.45	50%	50%	0%	115.23	115.23	0.00
10.00	233.95	50%	50%	0%	116.98	116.98	0.00
10.00	237.45	40%	40%	20%	94.98	94.98	47.49

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Construction of Motorable Link road to village Saluin Km. 0/0 to 3/338

RD.	X- Section area	Mean Area	Length	Quantity	Classifications			Quantity		
					PW	IW	BW	PW	IW	BW
3/ 20	19.03	0.00	0.00	0.00	50%	50%	0%	0.00	0.00	0.00
3/ 30	12.44	15.74	10.00	157.35	50%	50%	0%	78.68	78.68	0.00
3/ 40	12.30	12.37	10.00	123.70	50%	50%	0%	61.85	61.85	0.00
3/ 50	12.16	12.23	10.00	122.30	50%	50%	0%	61.15	61.15	0.00
3/ 60	12.02	12.09	10.00	120.90	50%	50%	0%	60.45	60.45	0.00
3/ 70	11.88	11.95	10.00	119.50	50%	50%	0%	59.75	59.75	0.00
3/ 80	11.74	11.81	10.00	118.10	50%	50%	0%	59.05	59.05	0.00
3/ 90	11.60	11.67	10.00	116.70	50%	50%	0%	58.35	58.35	0.00
3/ 100	11.46	11.53	10.00	115.30	50%	50%	0%	57.65	57.65	0.00
3/ 110	11.32	11.39	10.00	113.90	50%	50%	0%	56.95	56.95	0.00
3/ 120	11.18	11.25	10.00	112.50	50%	50%	0%	56.25	56.25	0.00
3/ 130	11.04	11.11	10.00	111.10	50%	50%	0%	55.55	55.55	0.00
3/ 140	10.90	10.97	10.00	109.70	40%	40%	20%	43.88	43.88	21.94
3/ 150	10.76	10.83	10.00	108.30	40%	40%	20%	43.32	43.32	21.66
3/ 160	22.40	16.58	10.00	165.80	40%	40%	20%	66.32	66.32	33.16
3/ 170	22.26	22.33	10.00	223.30	40%	40%	20%	89.32	89.32	44.66
3/ 180	22.12	22.19	10.00	221.90	50%	50%	0%	110.95	110.95	0.00
3/ 190	21.98	22.05	10.00	220.50	50%	50%	0%	110.25	110.25	0.00
3/ 200	21.84	21.91	10.00	219.10	50%	50%	0%	109.55	109.55	0.00
3/ 210	21.70	21.77	10.00	217.70	50%	50%	0%	108.85	108.85	0.00
3/ 220	21.56	21.63	10.00	216.30	50%	50%	0%	108.15	108.15	0.00
3/ 230	21.42	21.49	10.00	214.90	50%	50%	0%	107.45	107.45	0.00
3/ 240	21.28	21.35	10.00	213.50	50%	50%	0%	106.75	106.75	0.00
3/ 250	21.14	21.21	10.00	212.10	50%	50%	0%	106.05	106.05	0.00
3/ 260	21.00	21.07	10.00	210.70	50%	50%	0%	105.35	105.35	0.00
3/ 270	20.86	20.93	10.00	209.30	50%	50%	0%	104.65	104.65	0.00
3/ 280	20.72	20.79	10.00	207.90	50%	50%	0%	103.95	103.95	0.00
3/ 290	20.58	20.65	10.00	206.50	50%	50%	0%	103.25	103.25	0.00
3/ 300	20.44	20.51	10.00	205.10	50%	50%	0%	102.55	102.55	0.00
3/ 310	20.30	20.38	10.00	203.70	50%	50%	0%	101.85	101.85	0.00
TOTAL				4919.75				2399.17	2399.17	121.42

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Construction of Motorable Link road to village Saluin Km. 0/0 to 3/338

RD.	X- Section area	Mean Area	Length	Quantity	Classifications			Quantity		
					PW	IW	BW	PW	IW	BW
1/ 690	12.21	0.00	0.00	0.00	50%	50%	0%	0.00	0.00	0.00
1/ 700	14.55	13.38	10.00	133.80	50%	50%	0%	66.90	66.90	0.00
1/ 710	14.41	14.48	10.00	144.80	50%	50%	0%	72.40	72.40	0.00
1/ 720	14.27	14.34	10.00	143.40	50%	50%	0%	71.70	71.70	0.00
1/ 730	14.13	14.20	10.00	142.00	50%	50%	0%	71.00	71.00	0.00
1/ 740	13.99	14.06	10.00	140.60	50%	50%	0%	70.30	70.30	0.00
1/ 750	13.85	13.92	10.00	139.20	50%	50%	0%	69.60	69.60	0.00
1/ 760	13.71	13.78	10.00	137.80	50%	50%	0%	68.90	68.90	0.00
1/ 770	13.57	13.64	10.00	136.40	50%	50%	0%	68.20	68.20	0.00
1/ 780	13.43	13.50	10.00	135.00	50%	50%	0%	67.50	67.50	0.00
1/ 790	13.29	13.36	10.00	133.60	50%	50%	0%	66.80	66.80	0.00
1/ 800	13.15	13.22	10.00	132.20	50%	50%	0%	66.10	66.10	0.00
1/ 810	18.56	15.86	10.00	158.55	50%	50%	0%	79.28	79.28	0.00
1/ 820	24.28	21.42	10.00	214.20	50%	50%	0%	107.10	107.10	0.00
1/ 830	24.14	24.21	10.00	242.10	50%	50%	0%	121.05	121.05	0.00
1/ 840	24.00	24.07	10.00	240.70	50%	50%	0%	120.35	120.35	0.00
1/ 850	23.86	23.93	10.00	239.30	50%	50%	0%	119.65	119.65	0.00

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Construction of Motorable Link road to village Saluin Km. 0/0 to 1/33B

Mean Area	Length	Quantity	Classifications			Quantity		
			PW	IW	RW	PW	IW	RW
8.86	0.00	156.82	40%	40%	20%	62.71	62.71	31.36
17.54	10.00	175.40	40%	40%	20%	70.16	70.16	35.08
17.20	10.00	172.00	40%	40%	20%	68.80	68.80	34.40
16.86	10.00	168.60	40%	40%	20%	67.44	67.44	33.72
16.52	10.00	165.20	40%	40%	20%	66.08	66.08	33.04
16.18	10.00	161.80	40%	40%	20%	64.72	64.72	32.36
15.84	10.00	158.40	40%	40%	20%	63.36	63.36	31.68
15.50	10.00	155.00	40%	40%	20%	62.00	62.00	31.00
15.16	10.00	151.60	40%	40%	20%	60.64	60.64	30.32
14.82	10.00	148.20	40%	40%	20%	59.28	59.28	29.64
14.48	10.00	144.80	40%	40%	20%	57.92	57.92	28.96
14.14	10.00	141.40	0%	0%	100%	0.00	0.00	141.40
16.41	10.00	164.10	0%	0%	100%	0.00	0.00	164.10
18.68	10.00	186.80	0%	0%	100%	0.00	0.00	186.80
18.34	10.00	183.40	0%	0%	100%	0.00	0.00	183.40
18.00	10.00	180.00	0%	0%	100%	0.00	0.00	180.00
17.66	10.00	176.60	0%	0%	100%	0.00	0.00	176.60
17.32	10.00	173.20	0%	0%	100%	0.00	0.00	173.20
16.98	10.00	169.80	0%	0%	100%	0.00	0.00	169.80
16.64	10.00	166.40	0%	0%	100%	0.00	0.00	166.40
16.30	10.00	163.00	0%	0%	100%	0.00	0.00	163.00
15.96	10.00	159.60	0%	0%	100%	0.00	0.00	159.60
15.62	10.00	156.20	0%	0%	100%	0.00	0.00	156.20
15.28	10.00	152.80	0%	0%	100%	0.00	0.00	152.80
14.94	10.00	149.40	50%	50%	0%	74.70	74.70	0.00
14.60	10.00	146.00	50%	50%	0%	73.00	73.00	0.00
14.26	10.00	142.60	50%	50%	0%	71.30	71.30	0.00
13.92	10.00	139.20	50%	50%	0%	69.60	69.60	0.00
13.58	10.00	135.80	50%	50%	0%	67.90	67.90	0.00

14.60	0.00	0.00	0.00	40%	40%	20%	0.00	0.00	0.00
13.45	14.03	10.00	140.25	40%	40%	20%	56.10	56.10	28.05
13.50	13.48	10.00	134.75	0%	0%	100%	0.00	0.00	134.75
13.55	13.53	10.00	135.25	0%	0%	100%	0.00	0.00	135.25
13.60	13.58	10.00	135.75	0%	0%	100%	0.00	0.00	135.75
13.65	13.63	10.00	136.25	40%	40%	20%	54.50	54.50	27.25
13.70	13.68	10.00	136.75	40%	40%	20%	54.70	54.70	27.35
13.75	13.73	10.00	137.25	40%	40%	20%	54.90	54.90	27.45
13.80	13.78	10.00	137.75	40%	40%	20%	55.10	55.10	27.55
16.77	15.29	10.00	152.85	40%	40%	20%	61.14	61.14	30.57
16.82	16.80	10.00	167.95	40%	40%	20%	67.18	67.18	33.59
16.87	16.85	10.00	168.45	40%	40%	20%	67.38	67.38	33.69
16.92	16.90	10.00	168.95	40%	40%	20%	67.58	67.58	33.79
16.97	16.95	10.00	169.45	40%	40%	20%	67.78	67.78	33.89
14.33	15.65	10.00	156.50	40%	40%	20%	62.60	62.60	31.30

17.05	10.00	170.45	40%	40%	20%	68.18	68.18	34.09
17.44	10.00	174.35	40%	40%	20%	69.74	69.74	34.87
17.83	10.00	178.25	40%	40%	20%	71.30	71.30	35.65
18.22	10.00	182.15	40%	40%	20%	72.86	72.86	36.43
18.61	10.00	186.05	40%	40%	20%	74.42	74.42	37.21
19.00	10.00	189.95	40%	40%	20%	75.98	75.98	37.99
15.72	10.00	157.20	40%	40%	20%	62.88	62.88	31.44
12.45	10.00	124.45	40%	40%	20%	49.78	49.78	24.89
12.84	10.00	128.35	40%	40%	20%	51.34	51.34	25.67
13.23	10.00	132.25	40%	40%	20%	52.90	52.90	26.45
13.62	10.00	136.15	40%	40%	20%	54.46	54.46	27.23
14.01	10.00	140.05	40%	40%	20%	56.02	56.02	28.01
14.40	10.00	143.95	40%	40%	20%	57.58	57.58	28.79
14.79	10.00	147.85	40%	40%	20%	59.14	59.14	29.57
15.18	10.00	151.75	40%	40%	20%	60.70	60.70	30.35
15.57	10.00	155.65	40%	40%	20%	62.26	62.26	31.13
15.96	10.00	159.55	40%	40%	20%	63.82	63.82	31.91
16.35	10.00	163.45	40%	40%	20%	65.38	65.38	32.69
16.74	10.00	167.35	40%	40%	20%	66.94	66.94	33.47

Construction of Motorable Link road to village Sadain Km 0/0 to 3/30

RD.	X- Section area	Mean Area	Length	Quantity	Classification			Quantity		
					For	For	For	For	For	For
2/ 740	19.62	9.81	0.00	192.47	50%	50%	0%	96.24	96.24	0.00
2/ 750	19.28	19.45	10.00	194.50	40%	40%	20%	77.80	77.80	38.90
2/ 760	18.94	19.11	10.00	191.10	40%	40%	20%	76.44	76.44	38.33
2/ 770	18.60	18.77	10.00	187.70	40%	40%	20%	75.08	75.08	37.54
2/ 780	18.26	18.43	10.00	184.30	40%	40%	20%	73.72	73.72	36.86
2/ 790	17.92	18.09	10.00	180.90	40%	40%	20%	72.36	72.36	36.18
2/ 800	17.58	17.75	10.00	177.50	40%	40%	20%	71.00	71.00	35.50
2/ 810	17.24	17.41	10.00	174.10	40%	40%	20%	69.64	69.64	34.82
2/ 820	16.90	17.07	10.00	170.70	40%	40%	20%	68.28	68.28	34.14
2/ 830	16.56	16.73	10.00	167.30	40%	40%	20%	66.92	66.92	33.46
2/ 840	16.22	16.39	10.00	163.90	40%	40%	20%	65.56	65.56	32.78
2/ 850	15.88	16.05	10.00	160.50	0%	0%	100%	0.00	0.00	160.50
2/ 860	15.54	15.71	10.00	157.10	0%	0%	100%	0.00	0.00	157.10
2/ 870	18.85	17.20	10.00	171.95	0%	0%	100%	0.00	0.00	171.95
2/ 880	18.51	18.68	10.00	186.80	0%	0%	100%	0.00	0.00	186.80
2/ 890	18.17	18.34	10.00	181.40	0%	0%	100%	0.00	0.00	181.40
2/ 900	17.83	18.00	10.00	180.00	0%	0%	100%	0.00	0.00	180.00
2/ 910	22.77	20.30	10.00	203.00	0%	0%	100%	0.00	0.00	203.00
2/ 920	22.43	22.60	10.00	226.00	0%	0%	100%	0.00	0.00	226.00
2/ 930	22.09	22.26	10.00	222.60	0%	0%	100%	0.00	0.00	222.60
2/ 940	21.75	21.92	10.00	219.20	0%	0%	100%	0.00	0.00	219.20
2/ 950	21.41	21.58	10.00	215.80	0%	0%	100%	0.00	0.00	215.80
2/ 960	21.07	21.24	10.00	212.40	0%	0%	100%	0.00	0.00	212.40
2/ 970	20.73	20.90	10.00	209.00	0%	0%	100%	0.00	0.00	209.00
2/ 980	20.39	20.56	10.00	205.60	50%	50%	0%	102.80	102.80	0.00
2/ 990	20.05	20.22	10.00	202.20	50%	50%	0%	101.10	101.10	0.00
3/ 0	19.71	19.88	10.00	198.80	50%	50%	0%	99.40	99.40	0.00
3/ 10	19.37	19.54	10.00	195.40	50%	50%	0%	97.70	97.70	0.00
3/ 20	19.03	19.20	10.00	192.00	50%	50%	0%	96.00	96.00	0.00
TOTAL				5314.22				1214.04	1214.04	2906.15

1/ 990	0.00	0.00	0.00	0.00	0%	50%	50%	0.00	0.00	0.00
2/ 0	15.45	7.73	10.00	77.25	40%	40%	20%	30.90	30.90	15.45
2/ 10	15.80	15.63	10.00	156.25	40%	40%	20%	62.50	62.50	31.25
2/ 20	16.15	15.98	10.00	159.75	40%	40%	20%	63.90	63.90	31.95
2/ 30	13.35	14.75	10.00	147.50	40%	40%	20%	59.00	59.00	29.50
2/ 40	13.70	13.53	10.00	135.25	40%	40%	20%	54.10	54.10	27.05
2/ 50	14.05	13.88	10.00	138.75	40%	40%	20%	55.50	55.50	27.75
2/ 60	14.40	14.23	10.00	142.25	40%	40%	20%	56.90	56.90	28.45
2/ 70	14.75	14.58	10.00	145.75	40%	40%	20%	58.30	58.30	29.15
2/ 80	15.10	14.93	10.00	149.25	40%	40%	20%	59.70	59.70	29.85

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Construction of Motorable Link road to village Saluin Km. 0/0 to 3/338

X- Section area	Mean Area	Length	Quantity	Clasifications			Quantity		
				PW	IW	BW	PW	IW	BW
20.30	0.00	0.00	0.00	50%	50%	0%	0.00	0.00	0.00
12.44	16.37	10.00	163.70	40%	40%	20%	65.48	65.48	32.74
12.30	12.37	10.00	123.70	40%	40%	20%	49.48	49.48	24.74
12.16	12.23	10.00	122.30	40%	40%	20%	48.92	48.92	24.46
12.02	12.09	10.00	120.90	40%	40%	20%	48.36	48.36	24.18
11.88	11.95	10.00	119.50	40%	40%	20%	47.80	47.80	23.90
11.74	11.81	10.00	118.10	40%	40%	20%	47.24	47.24	23.62
11.60	11.67	10.00	116.70	40%	40%	20%	46.68	46.68	23.34
11.46	11.53	10.00	115.30	40%	40%	20%	46.12	46.12	23.06
11.32	11.39	10.00	113.90	40%	40%	20%	45.56	45.56	22.78
11.18	11.25	10.00	112.50	40%	40%	20%	45.00	45.00	22.50
11.04	11.11	10.00	111.10	40%	40%	20%	44.44	44.44	22.22
10.90	10.97	10.00	109.70	50%	50%	0%	54.85	54.85	0.00
14.45	12.68	10.00	126.75	50%	50%	0%	63.38	63.38	0.00
14.31	14.38	10.00	143.80	50%	50%	0%	71.90	71.90	0.00
14.17	14.24	10.00	142.40	50%	50%	0%	71.20	71.20	0.00
14.03	14.10	10.00	141.00	50%	50%	0%	70.50	70.50	0.00
13.89	13.96	10.00	139.60	50%	50%	0%	69.80	69.80	0.00
13.75	13.82	10.00	138.20	50%	50%	0%	69.10	69.10	0.00
13.61	13.68	10.00	136.80	50%	50%	0%	68.40	68.40	0.00
13.47	13.54	10.00	135.40	50%	50%	0%	67.70	67.70	0.00
13.33	13.40	10.00	134.00	50%	50%	0%	67.00	67.00	0.00
13.19	13.26	10.00	132.60	50%	50%	0%	66.30	66.30	0.00

Construction of Motorable Link road to village Saluin Km. 0/0 to 3/338

73

FIRST YEAR MAINTENANCE (30% BEATING UP)

Name of work :- Construction of Link road from Gatti Ghar (Pukhri) to village Saluin Km. 0/0 to 3/338

S.No	Descriptions	Unit	Qty.	Rate	Amount
1	Re-digging of pits 45x45x45cm.	Nos	621	4.77	2962.00
2	Filling of pits 45x45x45cm.	Nos	621	2.72	1689.00
3	Planting of Plants raised in P/Bags	Nos	621	2.18	1354.00
4	Carriage of plant in P. Bags over a distance of 2.00 km.uphill/downhill	KM/No.	621	1.90	2359.80
5	Repair of fence post	Rmt.	112.86	1.80	203.00
				Total	8567.80


Assistant Engineer,
Koti Sub Division,
HP.PWD., Koti


Executive Engineer,
Tissa Division.
HP.PWD.Tissa

Construction of Motorable Link road to village Saluin Km. 0/0 to 3/338

69

MUCK MANAGEMENT (DUMPING SITES)
DETAIL OF SHOWING THE CAPACITY OF MUCK WILL BE ADJUSTED

Name of work :- Construction of Link road from Gatti Ghar (Pukhri) to village Saluin Km. 0/0 to 3/338

S.No	RD/ Km.	Name of Dunpling Place	Forest area under dumping (In Hactares)	X- section area	Length	Quantity
1	0/035	Dumping site - I	122.00x8.50=1037.00 Sqm.or 0.104 ha	108.75	122.00	13268.00
2	0/995	Dumping site - II	116.00x8.25=957.00 Sqm. or 0.096 ha	106.45	116.00	12348.00

Construction of Motorable Link road to village Saluin Km. 0/0 to 3/338

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SECOND YEAR MAINTENANCE (20% BEATING UP)

Name of work :- Construction of Link road from Gatti Ghar (Pukhri) to village Saluin Km. 0/0 to 3/338

S.No	Descriptions	Unit	Qty.	Rate	Amount
1	Re-digging of pits 45x45x45cm.	Nos	414	4.77	1975.00
2	Filling of pits 45x45x45cm.	Nos	414	2.72	1126.00
3	Planting of Plants raised in P/Bags	Nos	414	2.18	903.00
4	Carriage of plant in P. Bags over a distance of 2.00 km.uphill/downhill	KM/No.	414	1.90	1573.20
5	Repair of fence post	Rmt.	112.86	1.80	203.00

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Construction of Motorable Link road to village Saluin Km. 0/0 to 3/338

PURPOSE WISE BREAK UP OF FOREST / NON FOREST AND DUMPING SITE

Name of work :- Construction of Link road from Gatti Ghar (Pukhri) to village Saluin Km. 0/0 to 3/338

S.No	Component	Forest area required in Sqm or Hect.	Non Forest area required in Sqm or Hect.	Total area required
(A) LAND REQUIRED FOR ROAD CONSTRUCTION :-				
1	Road	2535x6=15210.00 Sqm.=1.5210 Hect	803x6=4818.00 Sqm.=0.4818 Hect	3338x6=20028.00 Sqm.=2.0028 Hect
(B) LAND REQUIRED FOR DUMPING SITES FOR DISPOSAL OF MUCK :-				
2	Dumping site -I	122.00x8.50=1037.00 Sqm.or 0.104 ha		3600.18 Sqm= or 0.3600 Hect.
	Dumping site -II	116.00x8.25=957.00 Sqm. or 0.096 ha		
	Dumping site -II	107.00x8.24=881.68 Sqm. or 0.088 ha		
	Dumping site -IV	90.00x8.05=724.50.00 Sqm. or 0.072 ha		

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Construction of Motorable Link road to village Saluin Km. 0/0 to 3/338

PROFORMA-V

STATEMENT SHOWING THE DETAILS OF PLACES FOR DISPOSAL OF MUCK / DEBRIS OF ROAD/ CANAL/
RAILWAY LINE TO BE CONSTRUCTED IN CHAMBA DISTRICT OF HP STATE

Work :- Construction of motorable link road to From Ghatti Ghar (Pukhri) to village
n Km. 0/0 to 3/338

Name of dumping place	Location of dumping place i.e. Village & Khasra No.	Slope of dum- ping place	Length breadth and area of dumping place (Sqm)	Quantity of Muck debris to be dumped (Cum)	Height of dumping expected in mtrs.	Remark
2	3	4	5	6	7	8
DS-I	650/2	1:3	122.00x8.50=1037.00 Sqm.	13268.00	12.795	
DS-II	940/1	1:3	116.00x8.25=957.00 Sqm	12348.00	12.903	

Construction of Motorable Link road to village Saluin Km. 0/0 to 3/338

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"ABSTRACT OF COST"

Work :- Construction of Link road from Gatti Ghar (Pukhri) to village Saluin Km. 0/0 to 3/338

(SH:- CONSTRUCTION OF WIRE CRATES)

Item	Qty	Rate	Unit	Amount
Earthwork in excavation for structures as per drawing and technical specifications clauses 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable materials Ordinary soil Upto 3 m depth	1099.13	128.15	Per cubic metre	140853.00
Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire conforming to IS:280 and IS:4826 in 100 mm x 100 mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg each as per drawing and technical specifications Clause 1301	1359.38	1458.40	Per cubic metre	1982513.00

Construction of Motorable Link road to village Saluin Km. 0/0 to 3/338

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THIRD TO TENTH YEAR MAINTENANCE (10% BEATING UP)

Name of work :- Construction of Link road from Gatti Ghar (Pukhri) to village Saluin Km. 0/0 to 3/338

S.No	Descriptions	Unit	Qty.	Rate	Amount
1	Re-digging of pits 45x45x45cm.	Nos	207	4.77	987.00
2	Filling of pits 45x45x45cm.	Nos	207	2.72	563.00
3	Planting of Plants raised in P/Bags	Nos	207	2.18	451.00

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Construction of Motorable Link road to village Saluin Km. 0/0 to 3/338

MUCK DUMPING DETAIL

Name of work :- Construction of motorable link road From Ghatti Ghar (Pukhri) to village Saluin Km. 0/0 to 3/338 in Tehsil & District Chamba . (HP).

Name of Component	Location of Dumping	Slope of dumping place in degree	Qty. of muck generated (Cu. Mtr)	Qty. of muck with swell factor (Cu. M)	Qty. muck to used (Cu. Mtr)	Qty. of muck disposed (Cu. Mtr.)	Height of dumping expected in mtr.
Road	Dumping Site I	10-15°	54501.15 Cum.	113936.29 Cum	68361.78 Cum.	45574.52 Cum	12.795
	Dumping Site II	10-15°					12.903
	Dumping Site III	10-15°					12.433
	Dumping Site IV	10-15°					12.727

15	Chamba	Chamba	Masroond Chamba/	1625/1	Chargaha Billa Darktan	00-11-00	0.0480		
16	Chamba	Chamba	Masroond Chamba/	1686/1	Chargaha Billa Darktan	00-07-00	0.0280		
17	Chamba	Chamba	Masroond Chamba/	1691/1	Gair Mumkin Nali	00-02-00	0.0080		
18	Chamba	Chamba	Masroond Chamba/	1692/1	Chargaha Billa Darktan	00-08-00	0.0350		
19	Chamba	Chamba	Masroond Chamba/	1917/1715/1	Chargaha Billa Darktan	00-11-00	0.0468		
					Total	19-01-00	1.5210 Ha		

DUMPING SITES FOR DISPOSAL OF LEFT OUT MUCK

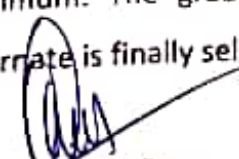
1	Chamba	Chamba	Masroond Chamba/	650/2	Chargah Darktan	01-06-00	0.1040		
2	Chamba	Chamba	Masroond Chamba/	940/1	Chargah Darktan	01-04-00	0.0960		
3	Chamba	Chamba	Masroond Chamba/	1896/1172/2	Chargaha Billa Darktan	01-02-00	0.0880		
4	Chamba	Chamba	Masroond Chamba/	1917/1715/2	Chargaha Billa Darktan	00-18-00	00.0720		
					Total	04-10-00	0.3600 Ha.		
					G.Total	23-11-00	1.8810 Ha.		

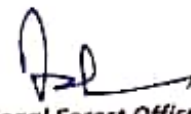
The revenue records duly attested showing the area proposed for diversion for non forest and use are enclosed with the joint inspection report.

The following alternative has been explored for the construction of above motorable road by the joint inspection team:-

Alternative – I (Marked on map as A-I & III) :- The forest land involved is much more than the final alignment selected. The grade of the road is very steep in this alignment. Moreover, it does not touches the obligatory villages. Hence this alternative is finally rejected.

Alternative A-II: The forest land involved is the least in this alignment. The trees involved are the minimum. The grade is smooth and the alignment touches all the obligatory points. This alternate is finally selected.


Range Forest Officer,
Masroond


Divisional Forest Officer,
Chamba Forest Division
Chamba


Assistant Engineer,
Koti Sub Division.,
H.P.PWD., Koti


Executive Engineer,
Tissa Division,
H.P.PWD., Tissa

Construction of Motorable Link road to village Saluin Km. 0/0 to 3/338

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DETAIL OF MEASUREMENT

Item of work :- Construction of Link road from Gatti Ghar (Pukhri) to village Saluin Km. 0/0 to 3/338

(SH:- CONSTRUCTION OF WIRE CRATES)

Item	Dumping site	LxBxH	Quantity
Earthwork in excavation for structures as per drawing and technical specifications clauses 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable materials Ordinary soil Upto 3 m depth	DS-I	200x1.25x0.20	160.13
	DS-II	270x1.25x0.15	348.00
	DS-III	270x1.25x0.15	321.00
	DS-IV	270x1.25x0.15	270.00
Total			1099.13
Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire conforming to IS:280 and IS:4826 in 100 mm x 100 mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg each as per drawing and technical specifications Clause 1301	DS-I	2x200x1.25x1.25	381.25
	DS-II	2x270x1.25x1.25	362.50
	DS-III	2x270x1.25x1.25	334.38
	DS-IV	2x270x1.25x1.25	281.25
Total			1359.38

Construction of Motorable Link road to village Saluin Km. 0/0 to 3/338

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DETAIL OF FOREST LAND UNDER DUMPING

Name of work :- Construction of Link road from Gatti Ghar (Pukhri) to village Saluin Km. 0/0 to 3/338

S.No	Location of dumping	RD.	Khasra No.	Status of land
1	Dumping site -I	0/035	650/2	Chargaha Darktan
2	Dumping site -II	0/995	940/1	Chargaha Darktan
3	Dumping site -III	2/035	1896/1172/2	Chargaha Billa Darktan
4	Dumping site -IV	3/010	1917/1715/2	Chargaha Billa Darktan

2/394	2/592		198	198	5/7m	2892	0	0.2892
2/592	2/684	92		92	5/7m	0	1188	0.1188
2/684	2/799		115	115	5/7m	552	0	0.0552
2/799	2/945	146		146	5/7m	0	690	0.0690
2/945	3/068		123	123	5/7m	876	0	0.0876
3/068	3/338	270		270	5/7m	0	738	0.0738
						1620	0	0.1620

4066.23	1544.03	1544.03
2677.00	1101.70	1267.90
4235.95	957.56	957.56
5241.25	1549.67	1549.67
5334.22	1214.04	1214.04
4919.75	2399.17	2399.17
743.58	371.79	371.79
54501.15	16903.62	18857.00

ANNEXURE -3

Name of work :- Construction of Link road from Gatti Ghar (Pukhri) to village Saluin Km. 0/0 to 3/338

S.No	Descriptions	Unit	Qty.	Rate	Amount
A	Engineering Measures				
	Wire crate & Retaining walls	As per detail attached			2123366.00
B	Survey, Demaracation & Fencing				
1	Survey & Demarcation of plantation area	Ha.	1.8810	101	190.00
2	Preparation/purchase of RCC Fence Post	Nos.	94	250	23500.00
3	Carriage of fence post upto 165 cm long over a distance of 2.00 km.uphill/downhill	Km/ Nos.	94	33.50	6298.00
4	Preparation of digging holes of 20x30x50cm size	Nos.	94	9.06	852.00
5	Fixing of RCC Fence post i/c strutting	Nos.	94	7.16	673.00
6	Carriage of barbed wire over a distance of 2.00 km.uphill/downhill	Km/ Qtl	1.41	73.65	208.00
7	Stretching & fixing of Barbed wire in 4 Stands	Rmt.	1128.60	4.80	5417.00
8	Interlacing of thorny brushes along the Fence	Rmt.	282.15	4.09	1154.00
9	Cost of warbed wire	Qtl.	1.8810	6510	12245.00
			Total (B)		50537.00
C	Planting:				
1	Brush cutting in strips (3mx3m)	Ha.	1.8810	1192.80	2244.00
2	Digging of pits 45x45x45cm.	Nos.	2069.10	9.54	19739.00
3	Filling of pits 45x45x45cm.	Nos.	2069.10	2.72	5628.00
4	Carriage of plant in P. Bags over a distance of 2.00 km.uphill/downhill	Km/ Nos.	2069.10	1.90	7862.58
5	Planting of plants Raised in P/ Bags	Nos.	2069.10	2.18	4511.00
6	Construction of Inspectyion Path	Rmt.	188.10	11.00	2069.00
7	Cost of Sign Baords, Carriage & Fixing	Nos.	56.00	15.00	840.00
			Total (C)		42893.58
			Total (B+C)		93430.58
					4671.53
D	Add 5% contingencies Chagres (B+C)				35282.20
E	Maintenance of 1st year of 10th year				
			Total (A+B+C+D+E)		2256750.31


Assistant Engineer,
Koti Sub Division,
HP.PWD., Koti


Executive Engineer,
Tissa Division,
HP.PWD. Tissa

CHECK LIST NO. 31 (a)

Full Title of Project :- Construction of motorable link road From Ghatti Ghar (Pukhri) to village Saluin Km. 0/0 to 3/338 .

- | | | |
|---|--|--|
| 1 | Total length of the road | 3.338 Kms. |
| 2 | Length of the road passing through forest | 2.535 Kms. |
| 3 | Length of the road passing through non forest | 0.803 Kms. |
| 4 | Width of the road has been taken | 5.00 mtr. 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,
Koti Sub Division,
HP:PWD Koti


Assistant Engineer
Koti Sub Division,
HP:PWD Koti


Executive Engineer,
Thana Division, HP:PWD.
Thana, District 176316

Countersigned by :-


Divisional Forest Officer,
Chamba Forest Division,
Chamba

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No. 2590
Himachal Pradesh Forest Department
Dated Chamba, the 03-12-2020

From: Divisional Forest Officer,
Wildlife Division, Chamba

To: Executive Engineer,
Tissa Division,
HPPWD Tissa.

Sub: Issuing of Eco-sensitive Zone certificate for C/o link road from Gatti Ghar
(Pukhri) to village Saluin Km 0/0 to 3/338 under Tissa division.

Sir/Madam

Please refer to your office letter no. PW-TD-WA Forest Case 2020-21-8293
dated 11/11/2020 & the Jml file received on the official e-mail id of the undersigned on dated
19/11/2020 on the subject cited above.

2. After going through the proposal, it has been observed that the nearest distance
of the proposed link road is at the aerial distance of 8.88 KM (approx.) from the Eco-sensitive
Zone of nearest Wildlife Sanctuary i.e. Kalatop-Khajjar.

This is for your information and necessary action.

Divisional Forest Officer
Wildlife Division Chamba
Jlowkhal, Chamba
Ph Fax 01976-222639

Attended
Engr
Assistant Engineer
Koti Sub Division
HPPWD Koti

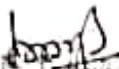
87

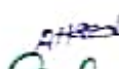
DETAIL OF VILLAGES

Name of work :- Construction of Motorable Link road from Gatti Ghar (Pukhri) to village Saluin Km 0/0 to 3/338.

S.No	Name of the village	Village code	Population
1	Tikri (274)	007730	854


Assistant Engineer, ser-
Koti Sub-Division
HPPWD Koti.


Naib Tehsildar,
Sub Tehsil, Pukhri
DISTT. CHAMBA.


Assistant Engineer
Koti Sub Division
HPPWD Koti