

Office of EXECUTIVE ENGINEER, SUNDER NAGAR DIVISION Himachal Pradesh Public Works Department Sunder Nagar

Ph. 01907-266245, Fax: 266845, E-mail <u>ee-sun-hp@nic.in</u>

No.PW-SNR-WA-R-27-2023-To

Dated :- 9 -10 -2023

The Divisional Forest Officer, Suket Forest Division, SunderNagar.

The Divisional Forest Officer, Karsog Forest Division, Karsog.

Subject:- Diversion of 33.3292 ha of forest land in favour of HPPWD for the construction of Slapper to Tatapani road (Km. 8/500 to 61/600) within the jurisdiction of Suket and Karsog Forest Divisions, Distt. Mandi, Himachal Pradesh. Resubmission of proposal after attending observations thereof.

Sir,

Please refer to your office letter under reference on the subject cited matter. In this regard, it is submitted that the observations pertain to this office are being attended as under: -

Sr.	Observation raised	Reply of User Agency
No		
1	Large number of trees are being affected in the proposal (Karsog Forest Division: 27 and Suket Forest Division: 921),'therefore. R.E.C desired to explore the possibility to reduce the numbers of trees to be affected and accordingly Forest Division-wise list of trees to be retained and to be felled may be provided.	The Proposed Width of Road has now been reduced to 10 Mtr from 12 Mtr as minimum Width recommended for Construction of Double Lane Road in Hilly Area per the guidelines of MoRTH is 10 Mtrs. Hence the number of trees proposed to be felled in the area of Suket Division now has been reduced to 180 from 921. Forest Division Karsog area 0.9590 ha and Forest Division Sundernagar area 32.3702 ha.
2	As per DSS analysis, the proposed site is located near Majathal WI-S as well. Therefore, aerial distance from the boundary of PA and its notified ESZ may be submitted. If it is inside PA ESZ (Majathal WLS), then comments of CWLW are also required.	Copy attached.
3	As per DSS analysis, the proposed site touches the boundary of Govind Sagar WI-S. If this PA is de-notified, the copy of de- notification may be provided"	This observation pertains to your office
4	Since important Protected Areas (Majathal and Bandli Wl-S) are located in the surrounding of the proposed project, there is the possibility of presence of rare endangered/unique species of flora and fauna in the area. therefore concerned DFOs of both the ForestDivisions may provide their comments along with the list ofrare/endangered/uniquespecies present in the area and mc assures to be taken to protect and conserve these species.	This observation pertains to your office
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1	5	Since important Protected Areas (An undertaking to pay the cost towards t
1		Majathal and Bandli WLS) are located in	implementation of Wild Life Manageme
/		the surrounding of the proposed project,	Plan is being submitted.
		therefore, as per the recent directions of	0
10		MoEF & CC vide letter dated 01 June,	
		2022, Wildlife, Management Plan along	
		with detail cost of its implementation into	
		the account of CAMPA is required to be	
		submitted. However" in cases where it is	
		not possible for the State to submit the	
÷		compliance due to delay in preparation of	
		such plan, a lump sum amount ,of 02%	
		of the project cost shall be realized from	
		the User Agency and submitted along with	
		amount, as per said	
		plan. if any. from the money already	
		realized to the tune of O2 % of project cost	
		shall be deposited in the CAMPA account	
		prior to actual working on the forest area.	
		An	
		Undertaking to pay lump sum amount of	
		02 o/o and deficit amount, if any, is	
		required to be submitted.	
	6	Large number of trees are being affected	An undertaking to pay the cost towards th
		in the proposal (Karsog Forest Division: 27	implementation of Soil and Moisture Co
		and Suket Forest Division: 921) which	nservation Plan is being submitted.
		may lead to accelerated soil erosion during	
		and/or after execution of the project,	
		therefore, as per the recent directions of	
		MoEF & CC vide letter dated 07	
		Jtne,2022, Soil and Moisture	
		Conservation Plan along with detail cost of	
		its implementation into the account of	
		CAMPA is required to be submitted.	
		However, in cases where it is not possible	1 · · · · · · · · · · · · · · · · · · ·
		for the State to submit the compliance due	
		to delay in preparation of such plan, a	and the second
		lump sum amount of 0.5% of the project	
		cost shall be realized from the User	8
		Agency and submitted along with the	
		Stage-l compliance. the deficit amount, as	
		per said plan. if any. From the money	9 El
		already realized to the tune of 0.5% of	
		project cost shall be deposited in the	
		CAMPA account prior to actual working or	
		the forest area. An undertaking to pay	
		lump sum amount of 0.5 % and deficit	
		amount, if any, is required to be	
		submitted.	SC - 1
		suomitteu.	
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/	7	In Karsog Forest Division, the area of 0.2310 ha has already been broken/	As replied earlier in to the Observations raised in Past. It is being Submitted that
		violated. Similarly, in Suket Forest	The Road has been constructed before 1980
	*	Divi; ion, the area of 12.9265 ha area has	and regading Karsog Division 0.2310 ha
	Ţ	already been broken violated. In view of	area is intimated for which entry has been
		above following information may be	made in Nakal Jamabandi copy attached
		provided:	and Sundernagar Division = 12.9265 ha i
		i. Nature of breaking up of land/ violation.	intimated for which the certificates of
		ii. Year of breaking up of land/ violation	resolation Gram Panchyat Boi and Sojh
		and documentary proof of breaking up of	regarding the Construction Year has alread
		land/ violation, if it is prior 1980.	been submitted. Copy attached.
		iii. If breaking up of land/violation has	according of the second s
		been carried out after 1980, the following	
		information may be provided:	
		' a) The Action taken report against the	
		violators as per Para 1 .21 (i) and/ or	
		(ii) of FCA Guidelines may submitted/	
		uploaded in the portal.	
		b) Action taken by the State Government	
		against the officials concerned for not	
		being able to prevent the use of forest land	
		for non-forestry purpose without prior	
		approval of Govt. of India.	
		c) the present status ,of violation whether	
		stopped or continuing	
		d) The violation detail in Part-II, Para- I 1	
		(including detail of violators in table)	
		of,web-portal may be filled.	the second se
	8	The status of CA land whether it is in	This observation pertains to your office
	4	possession of Himachal Pradesh Forest	
		department or not for both the Divisions	
		may be provided in tabulated form.	
	9	CA scheme and Geo-referenced map of	This observation pertains to your office
	T	Suket Forest Division are not uploaded in	
		the portal. Same may be uploaded in web-	
		portal.	
	10	CA schemes of both the Forest Divisions	This observation pertains to your office
	Ť	may be prepared as per the latest	
		prevailing rates	
		and hence may be reviewed.	
	11	Cost-Benefit ratio may also be reviewed	-
		and revised as per the latest NPV rates	NPV rates is being submitted.
		may be	
	10	submitted.	The newload I/ML file at any starting the
	12	The revised KMI- file showing div ision-	The revised KMI- file showing div ision-wise
		wise forest. non-forest, violated and non-	forest. non-forest, violated and non-violated
		violated part in distinct colours is required be submitted.	part in distinct colours is being submitted
	13	All alternates explored are required to be	No alternates were explored, the road is
		marked in the KML file.	proposed to be constructed on the alread
			constructed alignment
			constructed angliment
	a 1		

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14	Penal NPV has been submitted in old NPV rates with simple interest calculation for 03 years only" Therefore, revised penal NPV calculation sheet/bill along with simple interest calculation from date of violation as per the latest Orders of Ministry dated [t6.C]i "2022 may Be submitted" if breaking up of land violation has been carried out after 1980.	This observation pertains to your office
15	The copy of administrative approval of 07- meter carriageway 12 m RoW issued by \ MoRTH for construction of proposed road may be provided.	The copy of administrative approval of 07- meter carriageway 12 m RoW issued by \ MoRTH for construction of proposed road is being submitted.
16	The width of road may be reduced from 12m to 10m or the roadway width should be adopted as per the guidelines MoRTH used in hilly undulating steep terrain,	The Width of the Proposed Road has now been reduced to 10 Mtrs, as minimum Width recommended for Construction of Double Lane Road in Hilly Area as per the guidelines of MoRTH is 10 Mtrs.
17	The detail in tabulated form regarding length and width of alignment already approved (From 8/500 to 30/410 km). Breaking up of land/violations from (30/410km to 61/600km) with supporting documents may be submitted.	The detail in tabulated form regarding length and width of alignment already approved (From 8/500 to 30/410 km). Breaking up of land/violations from (30/410km to 61/600km) with supporting documents is being submitted.
18	The justification for adopting traffic volume more than 10000 PCU/day or the existing traffic volume likely to witness a last growth to reach this level within 3 to 5 years with supporting documents /methodology adopted for the proposed road may be provided'	Justification for adopting traffic volume more than 10000 PCU/day or the existing traffic volume likely to witness a last growth to reach this level within 3 to 5 years with supporting documents /methodology adopted for the proposed road is being submitted now.
19	The concerned User Agency/DFO will present the case with proper clarification on all the above points through PPTs before the REC in the next REC.	The User agency will present the case with proper clarification on all the above points through PPTs before the REC in the next REC.

Executive Engineer, SunderNagar Division, HP.PWD SunderNagar.

Copy to the following for information and necessary action:-

1. The Assistant Engineer, Kangoo Sub Division, HPPWD Kangoo for information and necessary action.

Executive Engineer, SunderNagar Division, PPWD SunderNagar.

SUPPORTING DOCUMENT FOR REPLY TO POINT NO.1

No. 789/kg

Forest Department Himachal Pradesh Dated Kangoo: <u>21-02-</u>/202**3**

rom:-

R.F.O. Kangoo

TO:- D.F.O. Suket

Subject:-

Diversion of 41.815 hac of forest land in favour of HPPWD for the construction of Slapper to Tatapani road (km 8/500 to 61/600) with in the jurisdiction of Suket and Karsog forest division, Distt. Mandi Himachal Pradesh (Regarding Enumeration of Trees)

Memo:-

Kindly refer to your office endst. no. 9341 dated 11.01.2023 on the subject cited

above

2. please find enclosed herewith the Re Enumeration list in triplicate of tress comming in the road alignment of Slapper to Tatapani Road reduced width 12mtr to 10mtr in respect of Kangoo Forest Range as under:-

Sr. No	Block	Beat	Name of the forest	Total no. of trees	Standing volume
1	Behli	Badhoo	N.D. 298 Neri -Roprdu	29	11.78
2	Behli	Hara boi	N.D. 280 Tahli	6	1.1239
ie i n		1 A A	N.D. 283 Bartha	12	3.1271
			N.D. 284 Karla	3	2.26
			N.D. 285 Jalah	10	2.0071
2.1			N.D. 287 Hara- (P)	5	0.37
3	Behli	Behi	O.D. 172 Karngal	9	1.4013
			N.D. 277 Mared	4	0.7
			N.D. 279 Bindlu	15	2.2413
4 .	Batwara	Dhawal	O.D. 311 Aien Sunali	_24	5.0871
	Sec. 2	y	O.D. 311 Aien Sunali Sisham	4	7.08
5	Batwara	Gehru	N.D. 302 Gehru	11	4.800
	Batwara	Batwara	N.D. 310 Jartu	36	9.5871
100	11.1.1	1.1	N.D. 307 Patta	12	2.24
10-5	Total			180	53.8049 Cum

This is for your kind information and further necessary action please.

Encls;- As above.

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Range Forest Officer Kangoo Forest Range

REPLY (SUPPORTING) DOCUMENT POINT NO.2

HPFT-WLOMISC(20)/1/2022 WILDLIFE WING HIMACHAL PRADESH FOREST DEPARTMENT

12-10-931/2023

No: WL (Misc.)-18/Diversion/Vol-xl/ Himachal Pradesh Forest Department Dated Shimla-1, the

From: Pr. CCF (WL) & To: Nodal Officer (FCA) CWLW, HP Shimia. O/O PECF (HOFF) HP

Subject-Diversion of 41.815 hectare of forest land in favour of HPPWD for the construction of Slapper to Tattapani road (Kms. 8/500 to 61/600), within the jurisdiction of Suket and Karson Forest Division, District Mandi, Himachal Pradesh. (Online No. FP/FIP/Road/37858/2918).

Memo:

Kindly refer to your office letter No. Ft.48/3918/2019 (FCA) dated 30.06.2023 on the subject cited above.

In this regard, the matter has been enquired into through CCF (WL) Shimla and CCF GHNP Shamshi and on the basis of their report the comments/report of undersigned on point No. 2, 3 Point No. 2

- 1. That the aerial distance of proposed site is 0.40 Kms from the boundary of Majathal Wildlife Sanctuary and 0.26 Kms from its eco-sensitive zone.
- 2. That the aerial distance of proposed site is 1.78 Kms from the nearest point of boundary of Bandli WLS and 0.78 Kms from its proposed its ESZ.

Point No. 3

1. That the copy of de-notification of Govind Sagar Wildlife Sanctuary is enclosed herewith for your kind information.

Point No. 4.

- 1. CCF (WL) Shimla and further stated that there is no significant impact on wildlife of Majathal WLS and does not create linear fragmentation of wildlife habitat. The diversion plan may incorporate necessary measures for dumping of debris away from WLS and ESZ as part of wildlife impact mitigation.
- 2. CCF GHNP Shamshi stated that there will be no direct. Impact/disturbance to flora and fauna of Bandli Wildlife Sanctuary due to construction of the above road and mitigation measures are not required.

HPFT-WLOMISC(20)/1/2022-WILDLIFE WING-HIMACHAL PRADESH FOREST DEPARTMENT

1/240961/2023

However, while taking further necessary action in the matter it may be ensured that all the instructions, rules, stipulations and guidelines on diversion of land are strictly observed and adhered to.

This is for your kind information and necessary action at

your end please.

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Encis: As above.

Signed by Rajiv Kumar Date: 06-09-2023 13:15:34 PCCF (WL) HP

Executive Engineer, Sundernagar Division HPPVIO, Sundernagar

No. <u>321 kg</u> Forest Department Himachal Pradesh.

Dated Kangoo: 16-08/2023

From:-

R.F.O. Kangoo

TO:- D.F.O. Suket

Subject:- Diversion of 41.815 hac of forest land in favour of HPPWD for the construction Of Slapper to Tatapani road (km 8/500 to 61/600) with in the jurisdiction of Suket and Karsog forest division, Distt. Mandi Himachal Pradesh. Resubmission of proposal after attending observations thereof.

Memo:- Kindly refer to your office endst. no. 2432 dated 14.06.2023 on the subject cited above the observations pertain to this office are being submitted as under:-

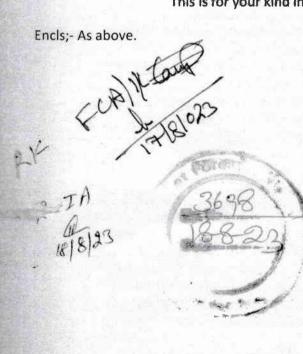
Sr no.	Observation raised	Reply of Forest Deptt.
1	Large number of trees are being affected in the proposal (Karsog forest division 27 and Suket forest division 92 1) therefore R.E.C. desired to explore the possibility to reduce the numbers of trees to be affected and accordingly forest division by list of trees to be retained and to be held maybe provided	The number of trees proposed to be felled in the area of Kangoo Forest Range now has been reduced to 180 from 921. List if trees already submitted to your office e vide letter no 789/kg dated 21.02.2023.
2	As per DSS analysis the proposed site is located near Majathal WL-S as well. there for aerial distance from the boundary of P A and its notified ESZ may be submitted if it is inside wls then comments of CWLW are also required	Pertain to DFO wild Life Shimla / User Agency
3	As per DSS analysis the proposed side touches the boundary of Govind Sagar WLS if this PA is de- notified the copy of de- notification maybe provided	Not available in this office
4	Since important protected areas (majathal and bandli WL-S) are located in the surrounding of the proposed project there is the possibility of presence of rare and Z unique species of flora and fauna in the area. Therefore concerned DFOs of both the forest division may be provided their comments along with the list of rare and danger unique species present in the area and MC assurance to be taken to protect and conserve these species.	As per report of B.O. Batwara and B.O. Behli there is no any kind of rare endangered/ unique species of flora and fauna in the concerned forests.
5	Since important protected areas(Majathal	Pertain to User agency.

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A STATE		and Bandli WL-S) are located in the	1	A REAL
		surrounding of the proposed project,		
	1010	therefore as per the recent directions of		
		MoEF and CC vide letter dated 01 June 2022		
		wildlife management plan along with the		
		detail cost of its implementation into the		
		account of campus is required to be		R
4		submitted. However in cases there is it is not possible for the state to submit the		
20.		compliance due to delay in preparation of		and and a
		such plan a lump sum amount of 0.2% of the		
		project cost shall be released from the user		
	2	agency and submitted along with the stage		
	13	one compliance. The deficit amount as per		
		said plan. If any from the money already		
		released to the tune of 0.2% shall we deposit		1
	5.	in the Campa account prior to actual working on the forest area and undertaking to pay		
		lump sum amount of 02% and deficit amount		1
		if any is required to be submitted.		the second
	6	Large number of trees are being affected in	Portain to Hour Agen	I
		the proposal Kasog forest division 27 and	Pertain to User Agency	
		Suket forest division 921 which may lead to	1	
	a ferra	accelerated soil erosion during and all after		
		execution of the project therefore as for the		
		recent directions of MOEF and CC by letter		
	in the second	dated 07 June 2022 soil and moisture	and the second	
		conservation plan along with the detail cost		
		of its implementation into the amount of CAMPA is required to be submitted.		
		However in case is where it is not possible for	Strength of the strength of the strength of the	
		the state to submit the compliance due to		
	Sour	delay in preparation of such plan a lump sum		
	10.5	amount of 0.5% of the project cost Shall be		
-	Con I I	released from the user agency and submitted		
	WR .	along with the stage one compliance the		
A.S.		deficit amount as per set plan if any. From		
	Sec.	the money already released to the tune of		
-	*	0.5% of project cost Shall be deposit in the		
		CAMPA account courier to actual working or		
		the forest area. And undertaking to pay lump sum amount of 0.5% and deficit amount if		
4		any is required to be submitted.		
1	7_		ser agency has intimated that the area of	
			2.9265 ha in Suket Forest Division has been	
21	100		roken before the year 1980 which is evident	
Cal			om the Panchyat record showing that the	
Statement of the local division of the local	and in strength on the strength of		and in such portion have been constructed by	

	information may be provided. i. nature of breaking up of land/ violation. ii.Year of breaking up of land/ violation and documentary proof of breaking up of land / violation, if it is per year 1980. If breaking up of land violation has been carried out after 1980 the following information may be provided. A) The action taken report as per 1.21 and or ii) of FCA guidelines may submitted uploaded in the portal. Action taken by the state government against the official concerned for not being able to prevent the use of the forest land for non Forestry purpose with out for your approval of Government of India. C)The present status of violation weather stopped or continuing the violation detail in para 2nd para 11 including detail of violators in table of web portal maybe field.	the villagers in between 1970 to 1975 and 1975 to 1978. The copies of certificates issued by the Panchyat regarding the construction year has already been submitted by user agency to Division Office.
8	The status of CA land whether it is in procession of Himachal Pradesh Forest Department or not for both the division may be provided in tabulated form	Pertain to division office
9	CA scheme and geography map of Suket forest division are not uploaded in the portal. Same may be uploaded in the web portal.	Pertain to Division office
10	CS schemes of both the forest divisions may be prepared as per the latest preparing rates and has may be reviewed	Pertain to Division office
11	Cost benefit ratio may also be reviewed and revised as per the latest NPV rates may be submitted.	Pertain to Division office
12	The revised KML file showing division wise forest non forest violated and non violated part in the distinct colours in required be submitted.	Pertain to user agency
13	All alternate explode are required to be marked in the kml file	Pertain to user agency
14	Panel NPV has been submitted in old NPV rates with simple interest calculation for 03 years only therefore revised panel NPV calculation shit sheet/ bill along with simple interest calculation from date of violation as per the latest order of ministry dated 2022 maybe submitted if breaking up of land violation has been carried out after 1980.	Pertain to user agency
15	The copy of Administrative approval of 07 m	Pertain to user agency

	carriageway 12 m r o w issued by m o r t h for construction of proposed Road may be provided	
16	The width of road may be reduced from 12 m to 10 m are the road way with should be adopted as per the guideline MoRTH used in hilly undulating steep steep terrain.	Pertain to user agency
17	The detail in tabulated form regarding length and breadth of alignment already approved from 8 + 500 230/410 km. breaking up of land/ violation from 30/41 km to 61 + 600 km with Supporting documents may be submitted	Pertain to user agency
18	The justification for adopting traffic volume more than 10000 PCU/ day or the existing traffic volume likely to witness a last growth to reach this level within 3 to 5 year with Supporting documents /methodology adopted for the propose Road maybe provided	Pertain to user agency
19	The concerned user agency/ DFO bill present the case with proper clarification on all the above points to PPTs before the REC in the next REC.	Pertain to user agency/ Division office

This is for your kind information and further necessary action please.



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Range Forest Officer Kangoo Forest Range

File No:

Date of Proposal:

UNDERTAKING FOR PAYMENT OF COST FOR IMPLEMENTION OF WILD LIFE MANAGEMENT PLAN

I, Executive Engineer, Sunder Nager Division HPPWD Sunder Nager do hereby, undertake to pay cost towards the implementation of wild life management plan as decided by the recent guidelines of MOEFCC dated 07-06-2022 in lieu of the forest area diverted for 33.3292 hect.

Place	2-	÷	• •		÷			÷	•	•	÷	÷	-	÷	÷	÷	÷				
Date:																					

me Engineer RAC of Usen Agency) Hundermauar.

File No:_____ Date of Proposal:

UNDERTAKING FOR COST FOR IMPLEMENTION OF ADDITIONAL WILD LIFE MANAGEMENT PLAN

I, Executive Engineer, Sunder Nager Division HPPWD Sunder Nager do hereby, undertake to pay cost towards the implementation of wild life management plan as decided by the recent guidelines of MOEFCC dated 07-06-2022 in lieu of the forest area diverted for 33.3292 hect.

Place :- Date:

File No:_____

Date of Proposal:_____

UNDERTAKING FOR PAYMENT OF COST FOR IMPLEMENTION OF SOIL AND MOISTURE CONSERVATION PLAN

I, Executive Engineer, Sunder Nager Division HPPWD Sunder Nager do hereby, undertake to pay cost towards the implementation of Soil and Moisture conservation plan as decided by the recent guidelines of MOEFCC dated 07-06-2022 in lieu of the forest area diverted for 33.3292 hect.

Place	:-	١,			•		+		-	 *	,	3	2	×		
Date:.					4								1		1	

(Signature Engineer (Signature of USer, Agency) Official Sundermagar

File No:

Date of Proposal:

UNDERTAKING FOR PAYMENT OF ADDITIONAL COST OF IMPLEMENTION OF SOIL AND MOISTURE CONSERVATION PLAN

I, Executive Engineer, Sunder Nager Division HPPWD Sunder Nager do hereby, undertake to pay cost towards the implementation of Soil and Moisture conservation plan as decided by the recent guidelines of MOEFCC dated 07-06-2022 in lieu of the forest area diverted for 33.3292 hect.

Place :- Date:

REPLY POINT NO.7 SUPPORTING DOG

419/kg No.

Forest Department Himachal Pradesh. Dated Kangoo: <u>28/89</u>/2022

From:-

R.F.O. Kangoo

TO:- D.F.O. Suket

Subject:-

Incls;- As above.

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Diversion of 41.815 hac of forest land in favour of HPPWD for the construction Of Slapper to Tatapani road (km 8/500 to 61/600) with in the jurisdiction of Suket and Karsog forest division, Distt, Mandi Himachal Pradesh. Resubmission of proposal after attending observations thereof.

Memo:- Kindly refer to your office letter.no.5829 dated 05.08.2023 on the subject cited above the observations point no. 7 & 8 pertain to this office are being submitted as under:-

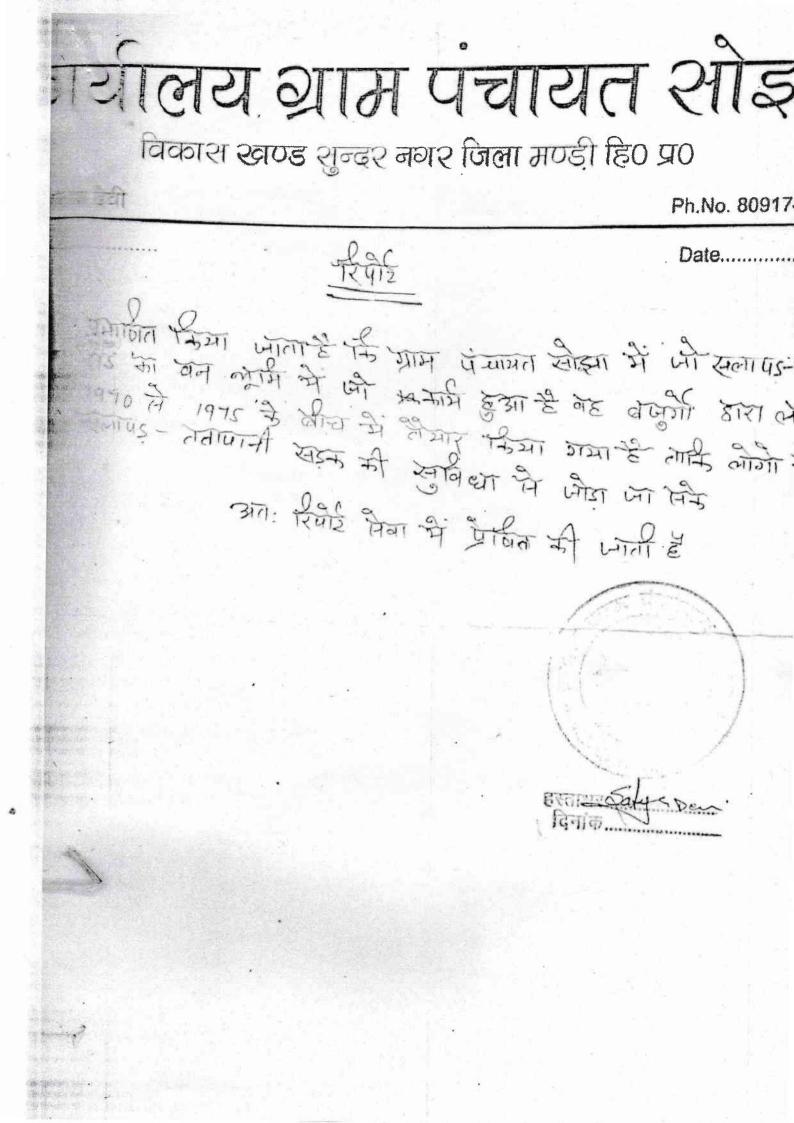
Sr no.	Observation raised	Reply of Forest Deptt.
7	In Karsog forest division the area off 0.2310 hectare has already been broken violated. Similarly in Suket forest division the area of 12.9265 hectare area has already been broken violated. In view of above following information may be provided. i. nature of breaking up of land/ violation. ii.Year of breaking up of land/ violation and documentary proof of breaking up of land / violation, if it is per year 1980. If breaking up of land violation has been carried out after 1980 the following information may be provided.	The area of 12.9265 ha in Suket Forest Division has been broken before the year 1980 which is evident from the Panchyat record showing that the road in such portion have been constructed by the villagers in between 1970 to 1975 and 1975 to 1978. The copies of certificates issued by the concerned Panchyat regarding the construction year are enclosed. The nature of land is DPF, UPF, Charagah Drakhtan, Charagah Vila Drakhtan and Gair Mumkin Nalla.
8	The status of CA land whether it is in procession of Himachal Pradesh Forest Department or not for both the division may be provided in tabulated form	The CA land is in the possession of HP Forest Department. The CA land in respect of Suket Forest Division is 37 ha. and all Land is in DPF as per check list Number 17.

This is for your kind information and further necessary action please.

Range Forest Officer Kangoo Forest Range

काथलिय गाम पंचायत बोई विकास खण्ड सुन्दर नगर, जिला मण्डी (हि॰ प्र॰) आज दिनांक..... को वाग पंचायत/वाम सभा बोई की मासिक/विशेष जी अध्यसता में सम्पन्न हुई । रही, जिस्रों निम्न-कार्रवाही अमल में लाई गई । ात वांवद्या रिपोर्ट प्रमाजित किया जाता है कि ग्राम पंचायत बैहि में स्वापड़ - तनापानी सड़क का वन भूमि में जा कोंग हुआ है वह वजुर्भी हाला लगभग 1975 - 1978 के बीच में तैयार किया गया है ताकि लोगां की सलापड़- तनापाना सड़क की सुविचा से जोड़ा जा कीता। अतः हिपीट चेना में प्रेलिन है। mitre lalig DA TAINA AN.

ta. a. g.cenne, una) (fa. u.,



कार्यालय थ्राम पंचायत शोझा

विकास खण्ड सुन्दर नगर जिला मण्डी हि० प्र०

प्रधानः शत्या देवी

Ph.No. 8091744047

क्रमांक.... Date. प्रमाणित किया जाता है कि प्राम पंजायत खेझा में जो सला पड़ तताए राड का वन न्यूर्ग में जो कक्ताम हुआ है वह बजुर्ज़ा ठारा लेगनग 1970 ते 1975 के बीच में लेगार हुआ है वह बजुर्ज़ा ठारा लेगनग सला पड़- तताफा में सहक में लेगार किया गया है ताकि लोगो के अतः दियार्ट मेना में प्रेकित की जाती ह

कार्यालय ग्राम पंचायत बोई

(48)

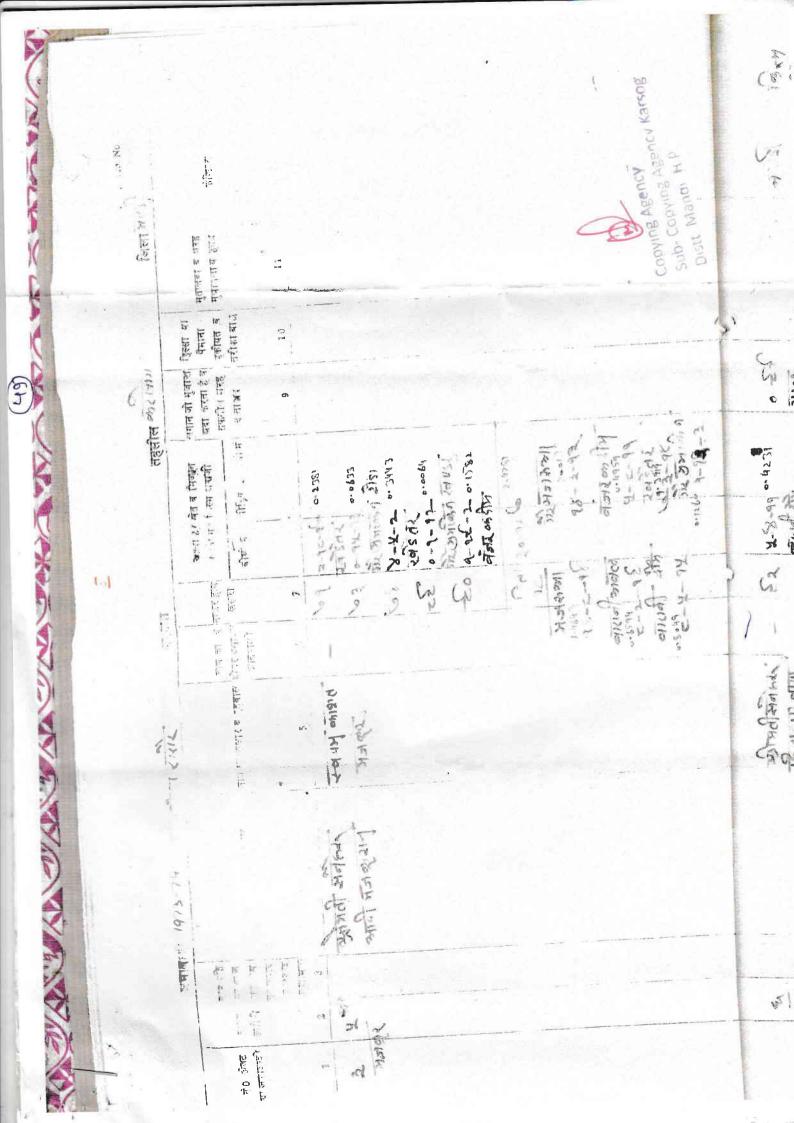
विकास खण्ड सुन्दर नगर, जिला मण्डी (हि॰ प्र॰)

प्रताव शंश्ल्या

रिपोर्ट प्रमाहित किया जाता है कि ग्राम पंचायत बोई में सवापड़ - तत्नापानी सड़क का वन भूमि में जो कोय हुआ है वह बलुर्गी हारा लगभग 1975 - 1978 के बीच में तैयार किया गणा है ताकि वीगां की सलापड़- तत्तापाना सड़क की सुविचा से जोड़ा आ सेता।

अतः रिगीट सेवा में प्रेशित है।

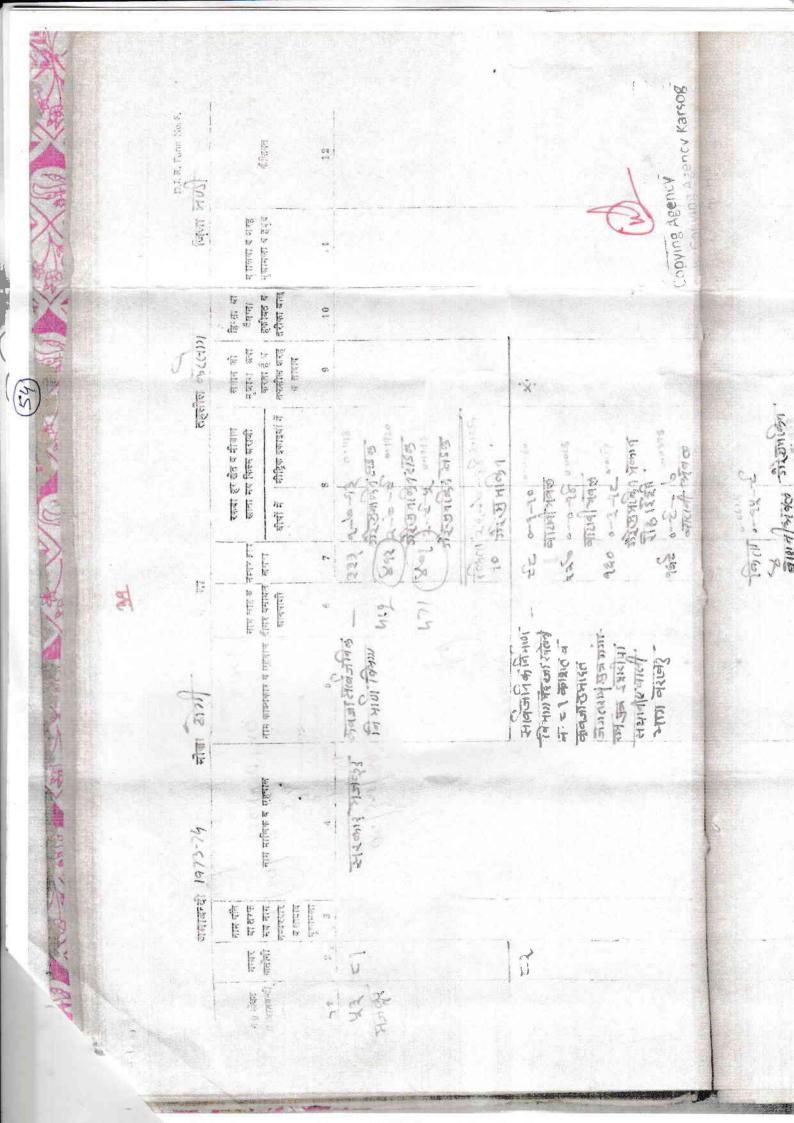
वचायत बोई. ख• सुन्दरनगर, मण्डी (हि. इ.)



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ान भाषिक व एहचाल साथ कार्वसमाप क	रकत्रा हर खेत व ती जान लगान जो डिन्दन का नित्तमा प्रतालन के नरह जान का किन्दा का नित्तमा प्रतालन के नरह जान का जान का जान के नरह जा के नरही के देखी के पर्यापन के हजूत्र के जान जान के जान के जान का जान जान का जान का जान जान का जान जान का जान का जान जा जान जान जान का जान जान जान जान जान जान जान जान जान जा
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(1) ועמון שימר גוב טובות ב-נו-יוב יי לופור שיציענרוצוין דיבייז א सुल नोतेप אווא לא-פראב וכן רייייייצא אור 第一 如田 ちんとう 殿田 あか きり त्य उत्त त्यान्त्य वात्ता भागवत्त्र tes cal 1 0 1 में जिन्द्र युज्य का ता हो BARA FARA TO THE CAR ñ ì Coper Ner El × 10 Cr d 2 w 志二 Altery . E, יזאונה קי 00 w karsog 2. Co 1-20 - Wey . A Mandi P. ABBRIC BOY COPYINE Sc Ewing Herriner The all allowers and . Lion Grace The state of the service of the serv Equal Entrals to entr Tigute the lange AN SUE SLEADING e-s-yo ere וש מו גנא הון Win Ann FLORID. アークーマ 0- .F. P AL 2. 12-24 (ish w --Teldig alcon -B. Zundig FLHCID-15-1-0 x Sucht (y 2 भत्मतु आ भाषान्ड तीन हरू क नतन हारान जतन 22-2-19-रन्दलार हिभानल N421 487.84 - 2-1 - R. 13 + 2 - 13 - 573.02. 25 E.S. 35 90 2

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REPLY POINT NO. 7% SUPPORTING DOG

No. 419/kg

Forest Department Himachal Pradesh. Dated Kangoo: <u>28/69</u>/2022

From:-

R.F.O. Kangoo

TO:- D.F.O. Suket

Subject:-

Diversion of 41.815 hac of forest land in favour of HPPWD for the construction Of Slapper to Tatapani road (km 8/500 to 61/600) with in the jurisdiction of Suket and Karsog forest division, Distt. Mandi Himachal Pradesh. Resubmission of proposal after attending observations thereof.

Memo:- Kindly refer to your office letter.no.5829 dated 05.08.2023 on the subject cited above the observations point no. 7 & 8 pertain to this office are being submitted as under:-

Sr no.	Observation raised	Reply of Forest Deptt.
7	In Karsog forest division the area off 0.2310 hectare has already been broken violated. Similarly in Suket forest division the area of 12.9265 hectare area has already been broken violated. In view of above following information may be provided. i. nature of breaking up of land/ violation. ii.Year of breaking up of land/ violation and documentary proof of breaking up*of land / violation, if it is per year 1980. If breaking up of land violation has been carried out after 1980 the following information may be provided.	The area of 12.9265 ha in Suket Forest Division has been broken before the year 1980 which is evident from the Panchyat record showing that the road in such portion have been constructed by the villagers in between 1970 to 1975 and 1975 to 1978. The copies of certificates issued by the concerned Panchyat regarding the construction year are enclosed. The nature of land is DPF, UPF, Charagah Drakhtan, Charagah Vila Drakhtan and Gair Mumkin Nalla.
8	The status of CA land whether it is in procession of Himachal Pradesh Forest Department or not for both the division may be provided in tabulated form	The CA land is in the possession of HP Forest Department. The CA land in respect of Suket Forest Division is 37 ha. and all Land is in DPF as per check list Number 17.

This is for your kind information and further necessary action please.

Encls;- As above. A reaction in

Range Forest Officer Kangoo Forest Range

Annexune-JR construction of work debitable to the allocation of the Government of Himachal Pradeshim execution of the above work failing which the expenditure incurred on the work will not under the Central Road Fund (State Roads) Rules, 2014 published vide Gazette Notification The State Government shall adopt e-tendering syste . on mandatory basis for sanctioned within a period of four months from the date of administrative approval of the No excess cost beyond 10% of the amount administratively approved for the proposal shall be permissible and the excess, if any, shall be arranged by the State from Dated: [7 .01.2018 on[3] for the work of improvement and widening of Slapper Tattapani road from km 0/0 to subject to satisfying the criteria required as per CRF Rules regarding length, category of State Government shall ensure that the project is technically approved, financially subject: Sanction of Central Road Fund (CRF) project (1 No.' in the state of Himachal forjwarding therewith a proposal under CRF Scheme for the year 2017-18 in the State of The sanction is subject to the condition that State PWD shall incur expenditure on the same shall be against the annual accrual due to the State. Under no circumstances The above sanction is based on the applicable schedule fates to meet the No. GSR 531 (E) dated 24th July, 2014 and circulated vide this Ministry's letter No. NHwork, failing which the work shall be deemed to have been de-sanctioned unless revised Pradesh for the year 2017-18 - Administrative Approval - reg. [(Job No. CRF-HP-2017-18-143) . I am directed to refer to State PWD letter No. PBW(C)F(5)5/2017 dated 04.12.2017 Himachal Pradesh and to convey the Administrative Approval of the President for an anjount of Rs 219.43 crore (Rupces two hundred nincteen crore & forty three lakh km 58/0 (Category-MDR-22, length-68.00 km, District Kinnaur) along with the job No. their own to avoid delay. In execution of the said project and reimbursement/ release of their own resources. No revised estimate will be considered in this scheme. Transport Bhawan, 1, Parliament Street, New Delhi-11000 F. No. RW/NH-12037/164/2002/HP/NH-1/Zone-II(Vol-IV) shall the accrual be revised on account of approval of instant project. Ministry of Road Transport & Highways Administrative approval of the Government of India is obtained. 同時日日日 Government of India the road, encumbrance free availability of land etc.-1101172/2000-P&M (Pt.) dated 26th August, 2014. (Zone-II) Government of Himachal Pradesh The Secretary, Public Works Department (PWD), be reimbursed by the Ministry. h 0 lo, Sir 4 N

14 The expenditure is debitable under the Head 3601-Road. & Bridges-Grants-in-aid to Grants for Creation of Capital Assets under Demand No.81-Ministry of Road Transport E Government of Himachal Pradesh shall furnish the progress report; expenditure. report and retilization certificate as specified in clause (b) of sub-rule (1), of Rule 8 of The standard design and specification of the works to be proposed shall follow the relemant guidelines, codes, Indian Roads Congress specifications as directed by the Central Government and the period of completion of projects shall be as per Sub-Rule 10 of Rule 7 State Government (Major Head)-08-Other Transfer/Grants to States (Sub-Major Head)-08,108-Grants from Central Road Fund (Minor Head)-01-Grants for State Roads-01.00.35-Yours faithfully, (Vijay KHmar Patnayak) Under Secretary to the Government of India The job number assigned to this work may be quoted in all future correspondences sitted by Audit as soon as the works are completed and positively within a period of three clearsh from the date of completion of the work as per-Centr" Road Rund (State Roads) 8,4 . The estimate for the above work includes provisions for contingencies \otimes 3%, Cost of charged establishment @ 0.5 % as laid down in Sub-Rule 13 of Rule 7 of Central Road Fund Government of Himachal Pradesh shall furnish the completion certificate duly ithe stipulations made in the Central Road Fund (State Roads) Rules, 2014 8.3 If the project road merges with any National Highways, the details at such yunction/location shall be got approved from this Ministry/NHAI before entrusting the devising and operation of a Quality Assurance System @ 1%, Quality Control @ 1% and work The total expenditure on all works in the State approved for being financed out of Central Road Fund (Allocation) does not at any time exceed the amount actually available published vide Notification No. GSR 531(E) dated 24th July, 2014 shall be strictly The display boards on development activities of the work shall be made as per guldelines issued vide Ministry's letter No. RW/NH-33044/10/2002-S&R(R) dated 26th May, 0 mon -Rules, 2014 published vide Notification No. GSR 531 (E) dated 24th July, 2014. This approval is accorded subject to the following conditions:-the Central Road Fund (State Roads) Rules, 2014. Central Road Fund. (State Roads) Rules, 2014. 121 -· 'ways for the year 2017-2018. æ 1.1 (State Roads) Rules, 2014. elating to the work. followed. therein. v:ork. 2003. 8.1 , co 8.2 7.

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(Ghanshyam Meena) Section Officer (Zone-II) Telefax:011-23716598 (Vijay Klimar Patnayak) Under Secretary to the Government of India The Accountant General, Govt. of Himachal Pradesh. The Chief Controller of Accounts, IDA Building Jammagar House, New Delhf. Principal Director of Audit, Economic & Services Ministries, AGCR Building, IP 111161 hota The Regional Pay ${\bf \tilde E}$ Accounts officer, Ministry of Road Transport ${\bf \tilde E}$ Highways, ${\bf 6}^{th}$ 2. CE (Planning) / CE (Z-II) / SE (Z-II) / P & M Section / Guard Folder. Floor, Kendriya Sadan, Sector 9A. Chandigarh The Chief Engineer, PWD, Himachal Pradesh. 1. PS / OSD to Hon'ble Minister-(RT&H). Section Officer, WEA Section. Estate, New Delhi Cópy also to: Copy to: n n - ini 4 5 4

E.

	SUNDER NAGAR PIU DEHAR	road km. 0/0 to				Executive Engineer	A 19-43 Come		from Slapper Tattapani (m 159/600 at Slapper o route will cater for	ab and Haryana having , beautiful lake after	om & lane . Chandigarh ct. So strategically this		gle lane to double lane double lane road from	existing road crust and 5/00 to 9/00, 10/00 to	vement for catering to ew cross drainage work of six Nos double lane	s also been included in pe steel truss bridge c.
DEPARTMENT	NOISINIQ-BNS	ning of Slapper Tattapani .C.R.F.	Funds		REPORT	ත This detailed project report framed by Er. V.S. Guleria Executive Engineer PPWD Sunder Nagar for the probable cost of Rs. 24248.00 lacs.			The total length of this Major district road(MDR-22) from Slapper Tattapan kes off from National Mighway-154 old NH-21) at Km 159/600 at Slapper fre Hie way (Sti213) at Tatanad at VM 55.500 The mile will cafer for	iachal as well as from Punjs prings and now turned a	hortest all weather road fr vith China in Kinnaur Distri		widening of road from sin	includes strengthening of a d from km 0/00 to 5/00, 6	00 and construction of pav wision of construction of ne of the PR3. The provision of	00, 31/520 and 61/300 hav hat one single lane deck ly
PUBLIC WORKS DEPARTMENT	: HIMACHAL PRADESH : B&R	Improvement and Widening of Slapper Tattapant road km. 0/0 to 68/00. (MbR-22) Under CR.F.	: Central Road Funds		Rep(ت This detailed project report framed by Er. V.S. Guleria Executiv funde . Jagari Division HPPWD Sunder Nagar for the probable cost of Rs. 24248.00 lacs.	HISTORY		The total length of this Major district road(MDR-22) from Slapper Tattapani - 60,00 kms, This road takes off from National Highway-154 old NH-21) at km 159/600 at Slapper and then Joins with State Hierway KH311, at Tatarad at X14, 557600, The mule will cafer for	In within the pilotims and tourists from state of Himachal as well as from Punjab and Haryana having falls in Tattapani lake famous for its hot springs and now turned as beautiful lake alter	Tunifruction of Koi dam: in addition this will be shortest all weather road. from 44ans: Chardigarth Maridi Manail road to land locked Boider Area with China in Kinnaur District. So strategicarly this Maridi also versions information		The proposal envisages improveniant and widening of road from single lane to double lane. from .km 0/00 to 25/490 and 31/720 to 68/00 and construction of double lane road from	Xin 25/490 to 3//720. This proposal also includes strengthening of existing road crust and widening of road crust to double standard from km 0/00 to 5/00, 6/00 to 9/00, 10/00 to	12/00, 41/00 to 45/00 and 47/00 to 68/00 and construction of pavement for catering to double lane traffic in remaining length. Provision of construction of new cross drainage work in onthe reach hasselso been inciding of the PRS. The provision of six itso double lane.	bridges at Km $5/250,233$ 25,250,260,900, 31/520 and 61/300 has also been included in the DPR. It is pertinent to mention here that one single lane deck type steel truss bridge c.
	STATE :HIMJ :B&R	Name of Work :	Funds Manual Ander	Minor Head Minor Head Dot:Mod Head		Inde: Jagari Division I		INTRODUCTION	B.00 kms, This road in the source of the second sec	inklinum pilgrims and alth in Tattapani Tak	(UNINITUCTION OF KOI dam. In add Mandi Manali road to land loci Matifii also verv-vervinhortam	NECESSITY	The proposal e from km 0/00	Arn 25/490 to widening of ro	12/00, 41/00 t double lane tra In onthe reach	 bridges at Km the DPR. It is p

steel truss bridge of span 70.00 meter is at advance stage of construction which can be span 40.00 meter has already constructed at km 61/300 and another single lane deck type mandatory provisions of lined side drain, parapets, signage's and way side amenities has also been utilized as diversion during construction of double lane bridges at these locations . Other taken in the PPR

and at a distance of about 113 km from Mandi. It is sacred to all the three major religions of religious values attached to this place. It is situated at an altitude of 1360 m above sea level This for also leads to the fermous tourist place i.e. Tattapani famous for hot springs and Pandavas are located above Tattapani. The improvement of riding quality of this road will India- Hinduism, Buddhism and Sikhism. Seven mythological lakes associated with the

A

provide commuters good transportation facility.

- Ż access to Rampur and border area of district Kinnaur via. Basantpur Sunni Luhan road which The road further link up with Shimla Mandi state Highway at Tattapani and also provide Is already with BRO and this toute will not be discupted by show during winter and will remain all weather throughout the year.
- The area is also very fiching rewing cash crops, fruits and vegetables etc. and therefore will facilitate the farmers/orchardists in transporting their products to the nearest markets. -1
- The proposal also connects the National Highway-21 le Chandigarh Kiratour Mandi Manali road (NH-21) with the Four-Lane Road which is important from strategic point of view for logistics of Defense Services.
- there when standing in terms of hour/vehicle, fuel consumption and national reserve Owing to typical topography and geology of Hills of Himachal Pradesh toad communication is the only ecohomically wattle means of transportation in the state. When this road will be facilities not only to the inhabitants of the Mandi, Una and Shimla district but shall also of economic activities in the area and further improving the economy of the inhabitants. The agricultural and horticultural produce of peach, maize, pear, guave and citrus fuits etc. The with widening of this road from single lane to double lane and by improving riding quality fully developed as per IRC Standard to double lane width, this road shall be able to cater to the present day volume of traffic and shall be able to provide desirable transportation usher economic transformation in district of Mandi thereby resulting in further acceleration influence area of the road is yery rich in the production of malte, wheat, paddy, pulses total anyual production is yery high which required immediate transportation to the market.

Nature of work and design and scope:

resources.

The formation width of the road will be improved to double lane, construction of cross draimag. to double lane. The sub base is of good quality and it is proposed to provide GSB G- 175 and G-II 63 to 45mm 75 mm thick in the extended portion and G-III 53 to 22.4mm thick has been proposed to be provided over entire carriage way in order to improve riding quality with 50mm thick BM and BC works with double lane width as well, the carriage way width shall also be increase from single lane AUNTM. The Provision of retaining walls and breast walls has been proposed as per site requirement.

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uper elevated section shall be gradually adhieved over the entire length of the transition curves. the areas not effected by snow. All curves are transition curves and minimum safe stopping sight 1% In the carriage way width and 5% on earth shouldets in straight portions. Super elevation of what a over from curves as prescribed by the above code and the change over from cambered to and are proposed to be improved. The road formation shall also be provided with the cross fall of maximum 7% shall also be ensured on transition curves as prescribed by the above code and the likiunce 20mtr has been ensured. Some dures, however, do not conform to the above standards the existing road formation caters to design speed of minimum 20kms /Hour as prescribed by IRC-1. fur mountainous terrain in hilly area. Most of the Horizontal curves have been developed with. utilitis of minimum 22.87 mtrs through the above code prescribes a minimum radius of 14 mtrs for titta widening of 1.5mtrs has been proposed in the formation at curves. **Horizontal Alignment:-**

VERTICAL ALIGNMENT:

them 3% as prescribed By IRC 52. Summit and valley curves are provided after proper design as per His existing road has grades less than 5% in its entire length and limiting and exceptional gradients ave been restricted to the minimum. Thus the vertical alignment is good as miling gradient is less (2) Minimondation of the above code.

NOUTE SELECTION:

statists finalized after exploring other possible alternatives and the best option has been adopted. equilation of the influence area and coversiall obligatory points in coute. The alignment has been It is "tell between alth des of 760 mits to 1360 mits and provided road link to the maximum

CONDITION OF EXISTING BOAD!

Inis road has been constructed single take standard from km 0/0 to 20/0, upto 20/0 to 25/490 ilited has been tender under NABARD and km 25/490 to 31/720 which is Formation cutting in filt portion under in this proposal.

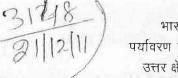
MATCRIAL SPECIFICATION:

Mitterials with following general specification the proposed to be used in various components of the (010) pc1.

Keeping in view the above facts urgency and importance of the work the detailed project report has been framed and is being submitted for obtaining the necessary approval of competent is In drainage structures shall have stone, shud, steel and cement as the basic material stones of good vpecifications is also available fromitocal natural sources. Cement is freely available in the Pradesh quality as solvaged from formation with aling of the road are expected to be available in substantial quality. Such stopes generally conform to BIS specifications. Good quality stone conforming to BIS from the three cement plants. Steel is conforming to BIS specifications and RCC Hume pipes of NP3 01 1000 mm internal diameter also conforming to BIS specifications are also available in the state. 4. Ahlfling c. - Aity services such as water supply line, telephone line, electric line etc. Sunder Nager Division HPPWD Sunder Nager Executive Engineer, Part of the second seco Bailgn & Scope. The following scopes has been taken in the P.P.R. Rs 24248-00 lacs only アントイトリンゴ Chor C Yard-stickrate No special T& P is required Twenty Four Months **Through Contractual Helaining walls and Breast walls** B. Way side amenities Cross Drainage Works 7. Road marking Metalling Targing. 1, Pormation cutting, 0. Parapets STRUCTURES: 9, Side drain authority. Hales . Method 181 Timo Gat ŝ

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भारत सरकार पर्यावरण एवं वन मंन्त्रालय उत्तर क्षेत्रीय कार्यालय

मईम नम्बर:-9-HPB361/2010-CHA 9834.

बेज़ नम्बर 24-25 दक्षिण मार्ग सेक्टर 31 ऐ चण्डीगढ़160030 दिनांक 02.12.2011

सेवा मे.

अतिरिक्त मुख्य सचिव (वन), हिमाचल प्रदेश सरकार, वन विभाग, सिविल सचिवालय, शिमला ।

ेविषयः-

Diversion of **3.204** hectare of forest land in favour of HPPWD for construction of Motorable road from Slapper to Tattapani (Kms. 13/300 to 17/300) within the jurisdiction of Suket Forest Division Sundernagar and Distt. Mandi, Himachal Pradesh.

महोदय,

कृपया उपर्युक्त विषय से संम्बन्धित नोडल आफिसर एवं मुख्य वन संरक्षक (FCA) शिमला के पत्र संख्या Ft 48-1891/2009 (FCA) दिनांक 10.06.2010 & 08.11.2011 का अवलोकन करें, जिसमें वन (संरक्षण) अधिनियम, 1980 की धारा- 2 के अधीन केन्द्रीय सरकार की अनुमति मांगी गई है।

राज्य सरकार के प्रस्ताव का ध्यानपूर्वक अध्ययन करने के पश्चात् उपर्युक्त उद्देश्य हेतु 3.204 हैक्टेयर वन भूमि के उपयोग के लिए सक्षम प्राधिकारी की स्वीकृति निम्नलिखित शर्तें पूरी करने पर प्रदान की जाती है:

वन भूमि की विधिक परिस्थिति बदली नही जाएगी ।

कम से कम वृक्ष कटवाये जायेंगे जिनकी संख्या प्रस्ताव के अनुसार **छ: सौ इक्कीस** वृक्षों से अधिक नही होगी । प्रतिपूर्ती पौधारोपण प्रस्ताव के अनुसार DPF Dhawal C-IV में प्रयोक्ता एजेंसी से प्राप्त रूपये 8,43,912/-

(आठ लाख तैतालीस हजार नौ सौ बारह मात्र) की राशि से कुल 6.408 हैक्टेयर भूमि में पौधे लगाकर किया जायेगा । प्रतिपूर्ति पौधारोपण इस पत्र के जारी होने की तिथि से एक वर्ष के अन्दर हो जाना चाहिए । प्रस्तावित सड़क के दोनों ओर, जहां भी संभव हो, सड़क के निर्माण के एक वर्ष के अन्दर एवेन्यू पौधारोपण प्रयोक्ता

एजैंसी के खर्च पर किया जायेगा ।

साथ लगते वन क्षेत्र को किसी भी प्रकार का नुकसान नहीं पहुंचाया जाएगा तथा वन क्षेत्र की स्थिरता के लिये सभी सरक्षा ऊपाय/पूर्वऊपाय दढतापूर्वक किये जायेंगे ।

मलबे का प्रयोग स्थानीय रूप से पुश्ता-दिवार (Retaining Wall) के पीछे गड्ढों को भरने/ढलानों के सुधार के लिए किया जायेगा । इसे पहाडी ढलान के नीचे बिल्कुल नहीं गिराया जायेगा तथा न ही नालों आदि में गिराया जाएगा ।

वन भूमि का प्रयोग प्रस्ताव में दर्शाये उद्देश्य के अलावा अन्य किसी उद्देश्य के लिये नहीं किया जायेगा ।

यदि कोई अन्य संबंधित जाजानवन/जनुष्छद/।नयम/न्यायालय आदेश/अनुदेश आदि इस प्रस्ताव पर लागू हो तो उनके अधीन जरूरी अनुमति लेना राज्य सरकार की जिम्मेवारी होगी।

मन्त्रालय इस स्वीकृति को स्थगित/रद्ध कर सकता है यदि उपरोक्त शर्तों में से किसी भी शर्त का कार्या सन्तोषप्रद नहीं है। राज्य सरकार वन विभाग के माघ्यम से इन शर्तों का पालन सुनिश्चित करेगा ।

भवदीय

वन संरक्षक (केन्द्रीय)

प्रतिलिपिः-

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अपर वन महानिदेशक (FC), पर्यावरण एवं वन मंत्रालय, पर्यावरण भवन, सी जी ओ काम्पलेक्स लोधी रे नई दिल्ली ।

प्रधान मुख्य वन संरक्षक, हिमाचल प्रदेश सरकार , वन विभाग, टालैंड, शिमला ।

Divisional Forest Officer, Suket Forest Division Sundernagar, Distt. Mandi, Himahcal Pradesh. Executive Engineer, Sundernagar Division, HPPWD Sundernagar, Himachal Pradesh. गार्ड फाईल ।

SIFCA D CEFECADE 12-12-11

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Endst. No. Ft.48-1891/2009 (FCA) Copy is forwarded to :-

Dated Shimla-1.the

1./ CF Mandi

ma IN.

2. DFO Suket, Distt Mandi H.P

3. Executive Engineer, Sundernagar Division, HPPWD, Sundernagar, H.P

for information and necessary action. It may be ensured that no violation FCA,1980 is taken place.

Himachal Pradesy

N. - p.w. SINIR. WA R-27/11- 1/656 Deited- 23-11 Copy yorwarded to The Assistant engineer periodst

Public works pepartment

A.12.11 Nodal officer-cum- CCF(FCA&P) O/o Pr.CCF, H.P. Shimla-1

7

हिमाचल प्रदेश सरकार वन विभाग

Caballer N. P.

File No.- FFE-B-F(2)-6/2017

Dated Shimla-171002, the 7-05-2018

Order

Sub :-HPP-WO Land .9-3 MAY 2013 1198/24-5-18

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11

-R NO.

Diversion of 2.717 ha of forest land in favour of HPPWD for the construction of Slapper to Tattapani Road (Km 25/490 to 30/690), under NABARD within the jurisdiction of Suket Forest Division, Distt.Mandi, H.P.

हितान द्वारो वन (संरक्षण) अधिनियम 1980 की धारा--2 के अन्तर्गत जारी स्वीकृति पत्र संख्या

9-117 B.298/2013-CHA/94 dated 16-04-18 के परिणामस्वरुप, राज्यपाल, हिमाचल प्रदेश उपरोक्त विषद्य में दर्शित 2.717 हैक्टेयर वन भूमि की HPPWD को उपयोग के लिए स्वीकृति निम्नलिखित शर्त पूरी करने पुरं प्रदान करते हैं:--

वन भूमि की विधिक परिस्थिति नहीं बदली जाएगी।

प्रतिपूर्ति पौधरोपण प्रस्ताव के अनुसार DPF Nalehli in Jhungi Range में प्रयोक्ता एजेंसी से प्राप्त राशि से कुल 5.434 है¢ वन भूमि में पौधे लगाकर किया जाएगा। प्रतिपूर्ति पौधारोपण इस पत्र के जारी होने की तिथि से एक से दो वर्षों के अन्दर पूर्ण किया जाना चाहिए।

एन.पो.वी. की दरों में अगर बढ़ोतरी होती है तो प्रयोक्ता अभिकरण बढ़ी हुई दरों पर एन.पी.वी. देने के लिए बाध्य होगा।

प्रयोक्ता अभिकरण द्वारा प्रस्तावित वन क्षेत्र के आस—पास मजदूरों / स्टॉफ के लिये किसी भी प्रकार का लेबर कैम्प नहीं लगाया जायेगा।

प्रयोक्ता अभिकरण के द्वारा निर्माण कार्य के दौरान स्थल पर कार्यरत मजदूरों एवं स्टॉफ के लिए रसोई गैस / कैरोसिन तेल की आपूर्ति की जायेगी, जिससे निकटवर्ती वनों को क्षति न पहँचे।

परियोजना के निर्माण व रख–रखाव के दौरान आस–पास के क्षेत्र की वनस्पतियों एवं जीव–जन्तुओं को किसी प्रकार की क्षति नहीं पहुँचायी जायेगी।

सडक निर्माण के पश्चात जहां जहां संभव हो सड़क के दोनों किनारों तथा केन्द्रीय कगार पर प्रयोक्ता अभिकरण द्वारा अपने व्यय पर वन विभाग की देख–रेख में स्ट्रिप plantation की जाएगी।

वन भूमि का प्रयोग प्रस्ताव में दर्शाये गये उद्देश्य के अलावा अन्य किसी उद्देश्य के लिए नहीं किया जायेगा

कम से कम वृक्षों का कटान / पातन किया जाएगा, जिनकी संख्या प्रस्ताव के अनुसार 397 वृक्षों से अधिक न हो।

प्रयोक्ता अभिकरण वन विभाग की देख-रेख में प्रत्यावर्तित भूमि का RCC Pillar लगाकर सीमांकन करेगा जिन पर forward and back bearing भी अंकित किया जाएगा।

परियोजना निर्माश से उत्सर्जित मलवे का निस्तारण प्रयोक्ता अभिकरण द्वारा प्रस्तुत मलवा निस्तारण योजना के अनुसार प्रभागीय वनाधिकारी की देख--रेख में किया जाएगा एवं निर्दिष्ट स्थानों के अलावा अन्यत्र मलवा नहीं फेंका जाएगा।

12 यदि कोई अन्य सम्बन्धित अधिनियम / अनुच्छेद / नियम / न्यायालय आदेश / अनुदेश आदि इस प्रस्ताव पर लागू होते हैं, तो उनके अधीन जरुरी अनुमति लेना प्रयोक्ता एजेंसी की जिम्मेवारी होगी।

Contd./2

आवश्यक समझे।

13

ऐसी अन्य कोई भी शर्त जो भारत सरकार भविष्य में पर्यावरण, वन एवं वन्य जीवों उपरोक्त शर्तों में से किसी भी शर्त का कार्यान्वयन सन्तोषप्रद नहीं पाए जाने इस स्वीकृति को तल्काल प्रमाब से निरस्त कर सकता है। वन विभाग हि० प्र० के म शर्तों की अनुपालना सुनिश्चित की जायेगी ।

Endst. No FFE-B-F(2)-6/2017 (FCA) आदेश. अनुसार अतिरिक्त मुख्य सचिव (वन Copy is forwarded to :-हिमाचल प्रदेश सरकार शिम Additional Director General of Forests, MoEF, Indira Paryavaran Bhawan, Aliga 1 Jorbagh Road, New Delhi - 110003. Principal Chief Conservator of Forests, Regional Office (North Central Zone), Go 2. India, Ministry of Environment Forests & Climate Change, 25- Subhash Road Dehradun-248001. The Pr.CCF (HoFF) with the request to ensure compliance of all conditions contain 3 the above order. The Nodal Officer-cum-APCCF(FCA) O/o HPFD HQ Talland Shimla for informati 4 The Deputy Commissioner, Mandi Distt., Mandi, Himachal Pradesh 5 6

DFO Suket Forest Division, Distt., Mandi H.P. Ex-Engineer/ Asstt. Engineer, HPPWD Suket Distt. Mandi HP. 8 Guard File.

H.P.P.W.D.

Sunder

Wissen (Sat Pal Dhiman) 17-5-2 Joint Secretary (Forests) to the Government of Himachal Pradesh.

No. PW-SNR/WA/R-27(STP-25-30)/17-4699 Dated: 01-06-18 Division, H.P.P.W.D. Dehar for information and necessary action. Copy forwarded to the Assistant Engineer, Dehar Sub

Executive Engineer, Sunder Nagar Division; LHP.PWD Sunder Nagar.



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भारत सरकार पर्यावरण एवं वन मंन्त्रालय उत्तर क्षेत्रीय कार्यालय

> बेज़ नम्बर 24-25 दक्षिण मार्ग सेक्टर 31 ऐ चण्डीगढ़160030 दिनांक 09.07.2013



फाईल नग्वर:-9-HPB732/2012-CHA

(i)

सेवा मे,

प्रधान सचिव , हिमाचल प्रदेश सरकार, वन विभाग, सिविल सचिवालय, शिमला ।

বিষয়:- Diversion of 4.868 hectares of forest land in favour of HPPW/D for the construction of Slapper to Tattapani road (Km. 17/300 to 25/490), within the jurisdiction of Suke: Potest Division at Sundernagar, Distt. Mandi, Himachal Pradesh

रांदर्भ:

नोडल आफिसर एवं अपर प्रधान मुख्य वन संरक्षक (FCA), हिमाचल प्रदेश, शिमला के पत्र संख्या Ft. 48-1931/2012 (FCA) दिनांक 06.12.2012 & 28.06.2013

महोदया,

कृपया उपर्युक्त विषय से संम्यन्धित संदर्भाकित पत्रों का अवलोकल करें . जिसमें वन (संरक्षण) अधिनियम. 1980 की धारा- 2 के अधीन केन्द्रीय सरकार की उपर्युक्त विषय के लिये अनुमति मांगी गई है ।

2 राज्य सरकार के प्रस्ताव का ध्यानपूर्वक अध्ययन करने के पश्चात् लपर्युक्त उद्देश्य हेतु 4.868 हैक्टेयर वन भूमि के रूपयोग के लिए <u>रवीकृति</u> निम्नलिखित शर्ते पूरी करने पर प्रदान की जाती है:-

। वन भूमि की विधिक परिस्थिति बदली नही जाएगी ।

ii कम से कम यक्ष कटवाये जायेंगे जिनकी संख्या प्रस्ताव के अनुसार 1600 वृक्षों से अधिक नही होगी ।

- iii. प्रतिपूर्ती पौधारोपण प्रस्ताव के अनुसार DPF & UPF Ahan Sunali Kayan में प्रयोक्ता एजेंसी से प्राप्त रूपये 15,04,080/- (पंद्रह लाख चार हजार अस्सी मात्र) की राशि से कुल 9.736 हैक्टेयर वन भूमि में पौधे लगाकर किया जायेगा । प्रतिपूर्ति पौधारोपण इस पत्र के जारी होने की तिथि से एक वर्ष के अन्दर हो जाना चाहिए।
- iv. Submission of undertaking by the user agency to pay the additional NPV, if so determined, as per the final decision of the Hon'ble Supreme Court of India be obtained & sent to this office before commencement of work on forest land.
- v. No labour camp shall be established on the forest land;
- vi. The User Agency shall provide alternate fuels to the labourers and the staff working at the site so as to avoid any damage and pressure on the nearby forest areas;
- vii. The user agency shall ensure that because of this project, no damage is caused to the flora and fauna available in the area;
- viii. वन भूमि का प्रयोग प्रस्ताव में दर्शाये उद्देश्य के अलावा अन्य किसी उद्देश्य के लिये नहीं किया जायेगा 1
- ix पर्यावरण एवं वन मंन्त्रालय, नई दिल्ली द्वारा जारी दिशा-निर्देश संख्या 11-48/2002-FC दिनांक 29/30 अप्रेल 2005,

यदि कोई अन्य संबंधित अधिनियम/अनुच्छेद/नियम/न्यायालय आदेश/अनुदेश आदि इस प्रस्ताव पर लागू होते हैं तो उनके अधीन जरूरी अनुमति लेना राज्य सरकार/प्रयोक्ता एजैंसी की जिम्मेवारी होगी ।

3. उपरोक्त शर्तों में से किसी भी शर्त का कार्यान्वयन सन्तोषप्रद नहीं पाने पर मन्त्रालय इस स्वीकृति को स्थगित सकता है । राज्य सरकार वन विभाग के माध्यम से इन शतों की अनुपालना सुनिश्चित करेगी ।

1/C अपर प्रधान मुख्य वन संरक्षक (केन्द्रीय) Aret

प्रतिलिपिः-

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अपर वन महानिदेशक (FC), पर्यावरण एवं वन मंत्रालय, पर्यावरण भवन, सी जी ओ काम्पलैक्स, लोधी र नई दिल्ली ।

ु, २० फ्रिधान मुख्य वन संरक्षक, हिमाचल प्रदेश सरकार , वन विभाग, टालैंड, शिमला ।

Divisional Forest Officer, Suket Forest Division Sundernagar, Distt. Mandi, H.P.

Executive Engineer, Sundernagar Division, HPPWD Sundernagar, Himachal Pradesh.

गार्ड फाईल । She endured the Kenthald. Requiring the he endured as feel requiring the

Endst. No. 3173-74 Dt. 20107

2. Copy is forwarded to R. O. Kayoo information + Justher necessary action 2. XEN, HPPWD, Division, Sund for information.

N. PWISNIR WA R-27-17/300 to 25/490/13. 5682

Sub-Binizion PIU. HIPPWID. Dehar yor information on Mccessoper and necessary action.

NATIONAL ENGINEERING SERVICES AND CONSULTANCY

MATERIAL TESTING LABORATORY FOR CIVIL WORKS

REGD: DIC BILASPUR VIDE LETTER NO 02/08/21/00153 DATED 24-7-2013

GOVT OF INDIA MSMEUDHYOG AADHAAR NO UAN HP01E0000141

GSTIN: 02AFLPS4734B1ZP

PROP: ER.N.R.SHARMA (RETD. XEN HP: PWD), CHARTERED ENGINEER.

No. NESAC-975

Dated: 22/09/2022

To

The Assistant Engineer, **PIU Sub-Division Slappar**, HP: PWD at Kangu Distt. Mandi HP.

Subject: - Improvement and Widening of Slappar Tattapani road KM 0/000 to 68/000. (Sub Head: ROFD, Metalling and Tarring, R/walls, Breast Wall , Cross Drainage works , W-Metal beam Crash barrier, dumping site etc for double lane portion KM 56/600 to 61/600 under CRF- HP- 2017-18-143. Report of BBD Test for estimation of overlays for providing the overlay of flexible Pavement of in KM 58/700 to 61/600 thereof.

Reference. Your office letter No PW-KSD-Lab.Test/Slappar Tattapani road /2021-22-150-52 Dt 06/07/2022.

Dear Sir,

Kindly ref. to your office letter no. ref to above , the Benkelman Beam Deflection Test as requested is conducted at site and the Characteristic's, deflection is worked out as per field observations and a suggestive overlay pavement design for provision of overlay over the existing pavement as requested is sent here with for favour of kind information and n/a please. The bill of its charges will be sent separately.

This is for favour your kind information and necessary action at your end please. Encls: Test report Page 1-5

National Engineering Services & Consultancy Bilaspur (HP) anatory

Copy to Executive Engineer Sunder Nagar Division HP; PWD Sunder Nagar Distt. Mandi HP a/w the report estimated suggestive pavement design for over lay is sent herewith for information and n/a at your end please.

Encls: Test report Page 1-5

With Regards

National Engineering Services & Consultancy **Bilaspur (HP)**

h. Signatory



SAC NATIONAL ENGINEERING SERVICES AND CONSULTANCY

MATERIAL TESTING LABORATORY FOR CIVIL WORKS REGD: DIC BILASPUR VIDE LETTER NO 02/08/21/00153 DATED 24-7-2013 GOVT OF INDIA MSMEUDHYOG AADHAAR NO UAN HP01E0000141

GSTIN: 02AFLPS4734B1ZP

PROP: ER.N.R.SHARMA (RETD. XEN HP: PWD), CHARTERED ENGINEER.

No. NESAC-975

Dated: 22/09/2022

Name of Work: - Improvement and Widening of Slappar Tattapani road KM 0/000 to 68/000. (Sub Head: ROFD, Metalling and Tarring, R/walls, Breast Wall , Cross Drainage works ,W-Metal beam Crash barrier, dumping site etc for double lane portion KM 56/600 to 61/600 under CRF- HP- 2017-18-143. Report of BBD Test for estimation of overlays for providing the overlay of flexible Pavement of in KM 58/700 to 61/600 thereof

Report of BBD Test thereof.

Estimation of overlays for providing the overlay of flexible Pavement over existing wearing surface in KM 58/700 to 61/600.

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NATIONAL ENGINEERING SERVICES CONSULTANCY VILL. & P O.LAKHANPUR TEHSIL SADAR DISTT. BILASPUR HP. No. NESAC-975 Dated: 22/09/2022

Suggestive Over lay design on the existing pavement As per CSA Method Consideration IRC-81-1997

1. INTRODUCTION:

Assistant Engineer Slappar Sub Division HP:PWD at Kangu vide his letter No PW-KSD-Lab.Test/Slappar Tattapani road /2021-22-150-52 Dt 06/07/2022,requested to carry out Benkelman Beam deflection test for the Improvement and Widening of Slappar Tattapani road KM 0/000 to 68/000. (Sub Head: ROFD, Metalling and Tarring, R/walls, Breast Wall ,Cross Drainage works ,W-Metal beam Crash barrier, dumping site etc for double lane portion KM 56/600 to 61/600 under CRF- HP-2017-18-143.

The field test values observed in the field will be utilized for working out additional overlays required for strengthening the existing pavement in the aforesaid reach of the road with request to suggest the over lay design.

2. <u>REACH INVESTIGATED</u>: - The investigated reach of the road starts at KM 58/700 and ends at Km. 61/600 only. Annual rainfall as inquired from the field staff is greater than 1300 mm had been reported in the vicinity of the road by the field authorities. The sub soil water poses no problem in this section of the road. However, surface water oozing out from adjacent hill side slopes due to rainfall resulting particularly in shady portions of the road reaches will have definite impact on the sub grade soil.

3. IDENTIFICATION AND CLASSIFICATION: -

The identification & classification of soil had been done by visual observation. The soil –strata in the soil section of the reach had been found generally Gravely-sandy-Silty/clay and high rainfall areas >1300mm and M.C on the time of testing is found 4.50%.

4. FACTOR FOR TEMP. & SEASONAL VARIATION:

Since the reach investigated experiences a temperature more than 20 °C for more than 8/9 months in a year. The Temp. Correction factor has been applied as positive 0.01 per av. °C. The seasonal correction factor has also been applied and taken as 1.33. **5. BENKELMAN BEAM DEFLECTION MEASUREMENTS:**

Necessary deflection measurements were recorded at representative points in the section of the road with Benkelman Beam as per test procedure mentioned at clauses 4.2 and 4.3 in **IRC: 81-1997.**

S. No	Car/Jeep/ Vans/Three wheelers	Motorised Two wheelers	Light commerci Truck/ al vehicles		/	— Buses		Agriculture Tractors		Non-Motor			
			Pick up Vans	Tankers						Cycle /Rickshaw	Animal drawn		Total
				L	UL	L	UL	L	UL		Pneumatic tyres	Non- Tyred	AADT
(Av.DT)	4250	3380	778	185	42	35	10	353	115	40	0	0	9188
			778	185	42	35	10	353	115	40		CVD	1518
												D 1	

6. TRAFFIC INTENSITY FOR DESIGN:

S. No	Car/Jeep/	Three d Two	Light commerci al vehicles	Truck	/	Buses		Agriculture		Non-Motor			
	Vans/Three wheelers		Pick up Vans	Tankers		Duses		Tractors		Cycle /Rickshaw	Animal drawn		Total
				L	UL	L	L UL	L	UL		Pneumatic tyres	Non- Tyred	AADT
(Av DT)	4250	3380	778	185	42	35	10	353	115	40	0	0	9188
Correction factor for									-15				5100
PCUs	1.00	0.50	1.50	3.00	3.00	3.00	3.00	4.50	4.50	0.50	4.00	4.00	1518
Total PCUs	4250	1690	1167	555	126	105	30	1588.5	517.5	20	0	0	10049

The traffic intensity had been reported as (Buses 45+Trucks 227+ + LCV 778+Tractors 468+ Cars 4250+Two wheelers 3380+Cycles 40+Animal drawn vehicles 0) =9188/1488= ADT/CVPD by the field authorities. The copy of the same is attached herewith for ready reference as Page- 6. The same is worked out to be 1316 by taking into consideration the annual growth rate of 7.5%. The lane distribution factor for single lane road of 3.75 mtrs wide road as per IRC 81-1997 Cl No 5.4.2.(ii) is equal to 0.75 and the completion period equal to 2 years.

A = P (1+r) "

= 1488x0.75 (1.075)² =1289.7 or Say 1290 CVPD

7. COMPUTATION OF DESIGN TRAFFIC INTENSITY:

Ns = <u>365 x A [(1+r) ⁿ – 1]</u> X F

Where, A = Initial traffic in the year of co

r =. Annual growth rate of the vehicle

n =. The design period of 10 years

 F =. Vehicle damage factor 1.5., Table-4 for Hilly Terrain for 150-1500 CVPD as per IRC-81-1997

 Ns=365x1290[(1+7.5%)¹⁰-1] X1.5

 =365x1290[(1-7.5%)¹⁰-1] X1.5

... (1)

7.5%

0.075

9991460.54=9.991 m.s.a <u>8</u>. <u>ANALYSIS & DISCUSSION OF TEST RESULTS:</u>

The visual inspection of reach investigated under this study indicates that the **condition of the road** between Km. 58/700 to 61/600 had been found to be **fair**. A review of test result contained in Annexure – 1 at column – 9 would indicate that the value of characteristics deflection has been found varying from 1.53 to 1.63 mm keeping in view small variation in the values of characteristics deflection **for the purpose of pavement requisite overlay/design**. The average characteristics deflection has been worked out to be 1.58 mm. 9(i) OVER LAY THICKNESS DEDUCED FROM DESIGN CURVE AS PER IRC 81-1997

		CHARACTERISTICS (mm)	٥v	ERLAY REQUIRED
KM. 58/700 to 61/6	00	1.58		AS PER IRC-81-1997
Intermediate Lane				FOR 9.991 m.s.a
		Eva	luated	B.M. =135 mm thick.

Page-2

Hence overlay is suggested with 65 mm thick DBM And 135-93 (65/0.7=42, out of 42x0.7=29.40 mm or say 30

ie 30 mm thick BC minimum thickness in Asphaltic/Bituminous concrete is proposed to be laid over 65 mm thick Dense Graded Bituminous Macadam (DBM) keeping in view the riding quality and life of the road especially increase in traffic on up-gradation of this road. Note:-

1. The road side longitudinal catch water drain and cross drainage work be provided/strengthened to ensure proper drainage system to reduce the trap of water/ moisture content in the sub grade and sub base course to avoid the damage of the pavement with lateral support from berms to pavement and to provide the good riding quality carriageway to the user of this road.

2. If any discrepancy/error is noticed same referred back for the necessary corrections/clarifications please. The results reported above are for the information of the department concerned and shall not subjected to any court of law to any purpose and the samples/specimens' materials used for testing are destroyed during testing.

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NATIONAL ENGINEERING SERVICES AND CONSULTANCY

MATERIAL TESTING LABORATORY FOR CIVIL WORKS REGD: DIC BILASPUR VIDE LETTER NO 02/08/21/00153 DATED 24-7-2013 GOVT OF INDIA MSME UDHYOG AADHAAR NO UAN HP01E0000141

GSTIN: 02AFLPS4734B1ZP

PROP: ER.N.R. SHARMA (RETD. XEN HP: PWD), CHARTERED ENGINEER No. NESAC-975

Name o	of Divisio	n:- HPPW	DDIVISION				Soil M	oisture Conte	ent=4.50	%		
Name o	of Sub- D	ivision:- H	PPWD Slappa	r at Kangu		Climatic co	ondition: Su	nny Dry Day				
Name o	f Road:-	Up-Gradua	ation of Slappa	ar to Tattapan		Climatic//	Air Temp:31	to 35 deg.C	Mor. To	Eve.)		
		KM 56	/600 to 61/60	ar to lattapan	i road	d Ambient Temp.: 18 to 35 deg. C						
						Wether ter	Wether temperature correction is to be applied :					
	No. of	traffic las	58/700 to 61	/600		Wether co	rrection for	seasonal var	iation is	to he er		
S.No.			es :Double	lane		Method of	obervations	CGRA		to be ap	plied :Ye	
3.140.	- ^	M/RD	4		Seasonal				Chara	cteristics		
	1	1	1	Correction			1				-	
	1		Measured	for Temp.	Correctio	Corrected Mean		Standard	Arterial Road Characteristics		Overla	
	1	1	deflection	(>20° C)35-	nin	deflection	Deflection				BM	
		in (mm).		33=Av 10	(mm)	in (mm).	in (mm).			tion in	thickne	
3	58.700	59.000	3.31	0.02	1.33	4.40		in (mm).'s'	1	m).	require	
			3.30	0.02	1.33	4.39	1.47	0.04	1.55	1.57	LHS	
4	59.000	60.000	11.07	0.02	1.33	14.72	1.46	0.04	1.54	1.56	RHS	
			11.60	0.02			1.47	0.02	1.51	1.53	LHS	
5	60.000	61.000	11.41	0.02	1.33	15.43	1.54	0.03	1.60	1.62	RHS	
					1.33	15.18	1.52	0.02	1.56	1.58	LHS	
6	61.000	61 600	11.24	0.02	1.33	14.95	1.49	0.02	1.53	1.55	RHS	
- +	01.000	61.600	8.27	0.02	1.33	11.00	1.57	0.02	1.61	1.63	LHS	
I			6.72	0.02	1.33	8.94	1.49	0.04	1.57	1.59	RHS	
V discre	enancy is	noticed th	le came mou	be ref. back for		1		Average				

ref. back for clarification/correction please. | Average |

The results reported above are for the information of the department concerned and shall not subjected to any court of law to any purpose and are pertain to particular sample supplied to our laboratory and same are used and destroyed during testing.

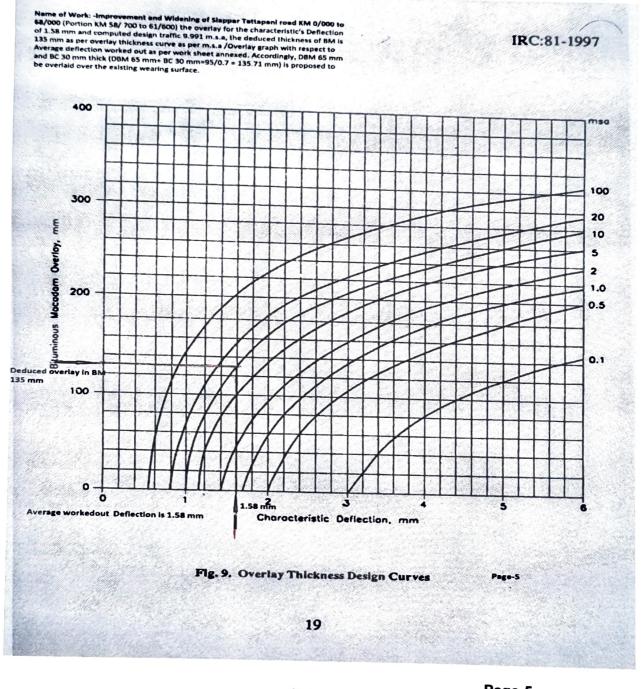
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National Engineering Services & Consultancy Bilaspur (HP)

Auth. Signatory

NATIONAL ENGINEERING SERVICES CONSULTANCY VILL. & P O.LAKHANPUR TEHSIL SADAR DISTT. BILASPUR HP. No. NESAC-975

Dated: 22/09/2022



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Auth. Signatory