

GOVERNMENT OF JAMMU AND KASHMIR
OFFICE OF THE DIVISIONAL FOREST OFFICER
BASOHLI FOREST DIVISION
BASOHLI

Ph./Fax No. 01921-251050

Email: dfobasohli@gmail.com

The Conservator of Forests,
East Circle,
Jammu.

No. 2872-73/Bsl/21-22

Dated: 20-10-2021

Sub: Alternate road to Adit -II of Sewa-II Power Station.


Ref: Proposal No. FP/JK/ROAD/144933/2021.

Sir,

On the subject & reference cited above, the reply of the EDS raised by Nodal Officer (FCA), Jammu in Reliance 4G High Speed Internet Project is tabulated below:

S. No	Essential Details Sought	Reply
1	Approval of the Project by the competent authority.	Approval of the Project by the competent authority uploaded by the user agency in Part-1 (<u>Additional information Details</u>)
2	Justification for locating the project on the forest land and Brief Project Note are same, Please clarify.	The revised Justification for locating the project on the forest land and Brief Project Note uploaded by the user agency in Part-1 (<u>Additional information Details</u>).

Yours faithfully,


(Ravinder Singh) SFS
Divisional Forest Officer
Basohli Forest Division
Basohli

Copy submitted to the Additional Principal Chief Conservator of Forests (FCA), Nodal Officer, O/o Principal Chief Conservator of Forests, J&K Govt., Jammu for his kind information please.

Divisional Forest Officer
Basohli Forest Division
Basohli



— 1 —
OFFICE NOTE

Sewa-II Power Station

Subject: - Approval for acquiring of forest land for Construction of alternative road at Adit-II from RD 0.00 to 1155 mtr.

Sewa Hydroelectric Project Stage-II has been commissioned during the year 2010. The Dam structure is situated at village Gatti, Tehsil - Bani and Power house at Village-Mashka. HRT from Dam to Power house is about 10 K.M. During the construction of HRT, 4 no Adits were constructed to facilitate the execution of HRT.

The approach Road leading to adit II from main road is approximately 6 K.M. During the monsoon of 2012, the approach road was washed away from RD 4750 onwards. Apart from this one slide zone also occurred in this area at RD 4370 and taken the shape of nallah. During the monsoon period heavy discharge/water flow noticed in this nallah.

All the possibilities were explored to restore the road but due to the slide zone and a nallah in that area it was not possible to restore the road. Mean while for regular inspection, surveillance at the Adit II for security purposes, temporary concrete path/stair was constructed, but the heavy machineries and materials are not possible to transport through this path due much more altitude difference approximately 96 mtr. So to make the area motor able up to the adit-II, it is essentially required to construct an alternative road.

The Dam safety team during his visit in November 2014 and May 2015 has also suggested for construction of road on priority basis. Accordingly the area has been surveyed and estimate has been prepared on basis of Rate in JKSR 2012 and approved rate by the project. The estimated cost comes to Rs 1, 40, 46,794.00 including WCT & Cess @13.6%. The entire length of proposed road is passing through the forest land. So before construction of road, it is required to acquire the forest land 13 mtr width (i.e. 4 meter in each side of 5 meter width road) in entire length of road i.e. 1155 meter, which comes to approximately 1.60 hectare.

As such it is requested that approval of the competent authority may please be got accorded to acquire the forest land 1.60 hectare and construction of road. The alignment of proposed road and other relevant papers (i.e. report of dam safety team) are placed in file at CP side.

Submitted please.

Assistant Engineer (Civil)
Dam Complex

Manager (civil) - Dam Complex

Recommended for approval of the
Competent authority for acquiring of forest land
1.60 Hectare for Construction of alternative road
हिन्दी में काम करना, देश का सम्मान करना है।

महाप्रबंधक प्रभारी/General Manager i/c
सेवा-11 पावर स्टेशन/Sewa-II Power Station
एनएचपीसी लिमिटेड/NHPC Limited
माशका (जम्मू व कश्मीर)/Mashka (J&K)



to Aelit-II from R.D-0 to 1155.00. The total financial implication worked out for construction of road carries to Rs. 1,40,46,794.00. The forest land 13.00 m wide in the entire length of road 1.00 m on each side of 5.00 m wide road is for the purpose of construction of breast or retaining walls. Budget provision has been kept for this work in BE-2016-17

Submitted please.

~~Sr. Supt.~~

(Signature)
27/8/15
M. S. D. D.

The approach road to Aelit II has been damaged due to a massive land slide. The present road can not be restored due to this slide. As such a proposal has been forwarded to construct a new road bifurcating from R.D. ± 4200 m from the existing road to Aelit-II.

This road is expected to be about 1155.00 m. The land for construction of road need to be acquired and it is forest land only. It is proposed to acquire about 13 m wide strip of

(forecasts)

± 4 m on either side of road cut.

महाप्रबंधक प्रभारी/General Manager
सेवा-11 पावर स्टेशन/Sewa-II Power Station
एनएचपीसी लिमिटेड/NHPC Limited
माशका (जम्मू व कश्मीर)/Mashka (J&K)

We may seek approval of the competent authority for acquiring this land from forest dept Govt of J&K. Total area of land required works out to 1.60 hectares. Budget provision to meet the fund requirement for this purpose is made in BE 2016-17.

Submitted pl

$$\frac{458}{100.5} = 4.55$$

10/12/15
 10/12/15

(E) I/c
 I

(Next page pl.)

458
 100.5
 10/12/15



हिन्दी में काम करना, देश का सम्मान करना है ।

Signature

महाप्रबंधक प्रभारी / General Manager i/c
 सेवा-II पावर स्टेशन / Sewa-II Power Station
 एनएचपीसी लिमिटेड / NHPC Limited
 माशका (जम्मू व कश्मीर) / Mashka (J&K)



: NP-4:

(Contd. from pre-pages):

The approach road to Adit-II was damaged during the monsoon of 2012. The complete U curve was washed away due to heavy rains. During the visit of Dam Safety Team, it was decided to construct an alternate road to approach Adit-II. Adit-II & Adit-III are gated plugged and whenever there is any damage inside the HRT, same is to be got repaired by using these Adit roads for heavy vehicles. A survey was conducted and alternative road is proposed as per drawing enclosed. The total length of alternative road comes to 1155 Mtrs. This road is to be constructed in forest area down side of the existing road. The drawing was initially shown to the Design (Civil) and they agreed with the proposed road. Average gradient of the proposed alternative road is 1:12.

For construction of the above proposed alternative road, 1.60 hectare of forest land is to be acquired from the J&K Govt. Thus, administrative approval for acquiring 1.60 Hectare of forest land from J&K Govt. may kindly be got accorded from the competent authority so that matter can be taken up with the J&K Govt. The approximate cost of 1.60 Hectare of forest land will be Rs.35-40 lacs. Budget provision is kept in BE 2016-17. The final drawing may kindly be got checked from Design (Civil) for preparation of estimate.

finalization

Submitted please.

[Signature]
Chief Engineer-Incharge,
Sewa-II.

Executive Director,
Regional Office, NHPC,
Jammu.

ED&S at co

Chief Secy-c-2
Chief Jammu *24.8.2015*

[Signature]
31/8/15

हिन्दी में काम करना, देश का सम्मान करना है ।

संयोजक प्रभारी/General Manager /c
I पावर स्टेशन/Sewa-II Power Station
एचपीसी लिमिटेड/NHPC Limited
ज (जम्मू व कश्मीर) Jammu & Kashmir

50000

17/8/15
17/8/15

एन.एच.पी.सी. लि०
कार्यालय, कार्यालय, निदेशक
क्षेत्रीय कार्यालय, जम्मू।
आपकी संख्या 701
दिनांक 20/8/15



C-806
2015

NP-5

Sub:-Approval for acquiring of forest land for construction of alternative road at Adit-II from RD0.00 to 1155 Mtr.

The case file for acquiring of forest land for construction of alternative road from RD 0.00 to 1155.00 Mtrs. for Adit-II has been examined in C&O Division as follows:

During Monsoon of 2012, the approach road leading to Adit-II was washed away from RD 4750.00 Mtr. Onwards. Apart from this one slide zone has also occurred in this area at RD- 4370 and taken the shape of Nallaha. During the monsoon period heavy discharge and water flow has been noticed by project authorities. Project have stated that all the possibilities were explored to restore the road but due to the slide zone and a Nallaha in that area it was not possible to restore the road.

During the visit of Dam Safety team in November 2014 and May, 2015, it is suggested by the dam safety team to construct the alternative road for proper monitoring of the Adit-2 to HRT. They have also emphasized that the all the accesses roads leading to various adits required to be maintained properly.

The area of alternative road has been surveyed by the Project.

The total length of alternative road is about 1155Mtrs. and average gradient of proposed road is 1:12. The forest land required for construction of road is about 1.60 hectare.

Against the provision of Rs. 5.14 crores acquisition of land in DPR the anticipated cost as worked out by the project is Rs13.26 crores.

Hence the case file may be sent to Corporate Office for approval of CMD for accord of approval for acquiring 1.60 Hectare of forest Land through J&K Govt. The approximately cost of 1.60 Hectare land will be Rs.35-40 Lacs. Project have also desired that final drawing (layout of the road marked on contour plan) be got checked from design (Civil) for finalization of estimate. The case has been recommended by this Chief Engineer (In -charge) at NP-4 and the budget provision has been kept in the BE 2016-17.

Yoginder Kohla
31.8.15

(Yoginder Kohla)
Chief Engineer (C)-C&O

Chief (Finance)

Yoginder Kohla
31/8/15
(Chief Finance)

The subject proposal needs to be examined by finance dt. of power station.

CCF
Yoginder Kohla
31/8/15

ED - R/J Jaemmu.

Please attend (A) & put up.

M/S
31/8/15
MCF

Jaemmu
31/8/15

महाप्रबंधक प्रभारी/General Manager /C
सेवा- II पावर स्टेशन/Sewa-II Power Station
एनएचपीसी लिमिटेड/NHPC Limited
मास्का (जम्मू व कश्मीर)/Masaka (J&K)



एस ओ-9001 एवं
01 प्रमाणित कम्पनी
O - 9001, 14001 &
OHSAS 18001
Certified Company

F/D
1385
31/8

R (C&O)
256
31-8-15

C-806

एन.एच.पी.सी. लि.
कार्यालय, कार्यपालक निदेशक
क्षेत्रीय कार्यालय, जम्मू।
डाकरी संख्या 790
दिनांक 01/9/15

R/SB
1.9.15



ई एस ओ-9001 एवं 4001 प्रमाणित कम्पनी SO - 9001, 14001 & OHSAS 18001 Certified Company

Sub:-Approval for acquiring of forest land for construction of alternative road at Adit-II from RD0.00 to 1155 Mtr.

The case file for acquiring of forest land for construction of alternative road from RD 0.00 to 1155.00 Mtrs. for Adit-II has been examined by C&O Division as follows:

During Monsoon of 2012, the approach road leading to Adit-II was washed away from RD 4750.00 Mtr. Onwards. Apart from this one slide zone has also occurred in this area at RD- 4370 and taken the shape of Nallaha. During the monsoon period heavy discharge and water flow has been noticed by project authorities. Project have stated that all the possibilities were explored to restore the road but due to the slide zone and a Nallaha in that area it was not possible to restore the road.

During the visit of Dam Safety team in November 2014 and May, 2015, it is suggested by the dam safety team to construct the alternative road for proper monitoring of the Adit-2 to HRT. They have also emphasized that the all the accesses roads leading to various adits required to be maintained properly.

The area of alternative road has been surveyed by the Project.

The total length of alternative road is about 1155Mtrs. and average gradient of proposed road is 1:12. The forest land required for construction of road is about 1.60 hectare.

- A [Against the provision of Rs. 5.14 crores acquisition of land in DPR the anticipated cost as worked out by the project is Rs13.26 crores.]

Hence the case file may be sent to Corporate Office for approval of CMD for accord of approval for acquiring 1.60 Hectare of forest Land through J&K Govt. The approximately cost of 1.60 Hectare land will be Rs.35-40 Lacs. Project have also desired that final drawing (layout of the road marked on contour plan) be got checked from design (Civil) for finalization of estimate. The case has been recommended by this Chief Engineer (In -charge) at NP-4 and the budget provision has been kept in the BE 2016-17.

(Yoginder Kohlia) Chief Engineer (C)-C&O

Chief (Finance)

C-806

एन.एच.पी.सी. लिमिटेड कार्यालय, कार्यालयक निर्देशक श्रेणिय कार्यालय, जम्मू! दायरी संख्या 790 दिनांक 01/9/15

File/S64 1.9.15

The subject proposal needs to be examined by finance dept. of power station.

ED - R/J Jaemmu.

Please attend CE (FC) Sum II P.S.

(A) & Put up.

For na.

महाप्रबंधक प्रभारी/General Manager सेवा-सेवा-शक्ति/सेवा-II Power Station एन.एच.पी.सी. लिमिटेड/NHPC Limited मास्का (जम्मू व कश्मीर)/Masaka (J&K)

On perusal of case for acquiring forest land for construction of Alternate Road from Adit-II RD 0.00 mtr to 11.55 mtr.

The following status is submitted -

(i) As per BE 2016-17 proposed by Sewa-II power station, the following provision is kept -

	H/A	Amnt. (in Rs)
(a) Sp. Repair. Other (for Road)	920820 to 22	150 lacs
(b) Land (for alt. Road to Adit-II)	410111	40 lacs
(c) Bridge (span 50 mtr)	410203	100 lacs

Total proposed BE 2016-17 290 lacs

(ii) Against the provision under Head B2 Land in DPR for Rs 5.14 crore, actual expenditure as reported under RCF is Rs 13.26 crore.

C-806

Accordingly, the proposal for acquiring land 1.60 hectare from J&K Govt. with anticipated financial implication of Rs 40 lacs is vetted in finance for approval of CMB.

AP 1438
9/9/15

Signature
23/9/15
M/D

Signature

Signature

E D ROS

Signature

Signature
4/9

Signature
4/9/15

Signature

एन.एच.पी.सी. लि०
कार्यालय, कार्यक्षेत्र निदेशक
क्षेत्रीय कार्यालय, जम्मू।
द्वारा संख्या 807
दिनांक 04/09/15

महाप्रबंधक प्रभारी/General Manager i/c
सेवा- II पावर स्टेशन/Sewa-II Power Station
एनएचपीसी लिमिटेड/NHPC Limited
मिश्का (जम्मू व कश्मीर)/Mishka J&K

NP-8-

GM (D-I)

आयरी नं. 572
Dy. No. 10/09/15
दिनांक Date

Finance Wing, RO-Jammu

एन.एच.पी.सी. लिमिटेड
(एन.एच.पी.सी.) कार्यालय
09 SEP 2015
3692
सुवि. सं.

Approval to acquire forest land from J&K Govt. for construction of alternative road at Adit-II from RD 0.00 to 1155 mtrs at Sewa-II Power Station (J&K) - Reg.

The proposal for approval to acquire forest land from J&K Govt. for construction of alternative road at Adit-II from RD 0.00 to 1155 mtr. has been recommended by the power station for checking by Design Division (Civil), C.O. for approval of competent authority at NP-4.

- As per NP-1, it has been stated by the power station that during the monsoon of 2012, the approach road leading to Adit-II from main road was washed away from RD 4750 onwards and due to which a slide zone occurred at RD 4370 which has taken the shape of nallah.
- Besides, the power station has explored all the possibilities to restore the road but could not succeed. The Dam safety team, during the visit in November 2014 and May 2015, has also suggested for construction of approach road at Adit-II on priority. Power station has surveyed the area and prepared an estimate with FI of Rs.1,40,46,794/- including WCT & Cess @13.6%.
- It has been further stated that the entire length of the road proposed to be acquired is passing through the Forest Land and recommended to acquire forest land measuring 13 mtr. Width (i.e. 4 mtr in each side of 5 mtr width road) in entire length of road i.e. 1155 meter (appx. 1.60 hectare) (NP-1).
- The alignment of road proposed to be acquired and other relevant papers (i.e. safety report of Dam safety team) are placed by the power station at CP side.
- The proposal is concurred in finance dn. Of power station at NP-7. The proposal is examined technically in Civil Dn. RO-Jammu at NP-5.

The issue has been discussed with HOP on 04.09.2015. It has been clarified that there is no provision in the Add Cap. 2014-19. However, same shall be included in the budget up petition.

In view of the above, the proposal to acquire forest land from J&K Govt. for construction of alternative road at Adit-II from RD 0.00 to 1155 mtr. with an estimated FI of RS.40.00 lacs as recommended by the power station may be recommended for approval of CMD through Design Division (Civil), C.O.

ED (DRE)
ED (RO-Jammu)
2015/586 Dt. 5-9-15

महाप्रबंधक प्रभारी / General Manager
सेवा- II पावर स्टेशन / Sewa-II Power Station
एनएचपीसी लिमिटेड / NHPC Limited
माशका (जम्मू व कश्मीर) / Masika (J&K)

FT-2015/93-251

(A)

ED (RO-Jammu)

for (A) The case is recommended as concurred by the regional finance.

(V Ranga Rao)
Chief (Fin.) 9/9/15

एन.एच.पी.सी. लि.
कार्यालय, कार्यपालक निदेशक
क्षेत्रीय कार्यालय, जम्मू
आयरी संख्या 825
दिनांक 05/09/15

ED (DRE)
AM (D-I)
CE (D-I) 10/9/15

9.9.15
R. examine & put up
10/9/15

C-806
5/9

NP-9-



Design & Engineering Division

Sub:- Approval for acquiring of forest land for construction of alternative road at Adit-II to HRT from RD 0.00 to 1155mtr .

The case file for the above subject works has been examined in D & E division and observation and comments are as follows :-

As there is a gate in plug of Adit-II to carryout inspection / repair in case of damage in HRT, so approach road to this Adit should always be maintained. Also a V-Notch has been installed to measure the seepage through adit gate and the measurement is being taken regularly. Further there is always watch & ward of CISF at this Adit outlet. The existing approach road to this Adit washed away in some stretches as mentioned in file. Dam safety inspection team suggested to restore the road at the earliest. However power station stated that due to slide zone and nallah in that area, restoration of the same road is not possible. Power station surveyed the area and proposed the alternative alignment of part approach road to Adit-II.

The proposed alignment has been seen in this division and found in order. The carriageway width adopted as 5m is sufficient. The average gradient works out to be around 1:12.5 which is maximum gradient as per relevant IRC codes for hilly region.

Submitted please.

Krishna Murari Mishra
(Krishna Murari Mishra) 23/9/15
Manager (Civil)

Chief Engineer(Civil) *Vinod*
23/09/15

General Manger(D-I) *Narain*
23/9/15

Executive Director (D & E) *BN*
24/9.

DCT *SR*
25.9.15

D(F)

ED (D&E)

अप्री. नं. 2458
Dy. No. 2458
दिनांक Date. 24/9/15



ED (F) 23/9/15
GM (D-I) 675
23/09/2015

Reshma DM(F) 28/9/15
28/9
28/9

2000
महाप्रबंधक प्रभारी / General Manager i/c
सेवा- II पावर स्टेशन / Sewa-II Power Station
एनएचपीसी लिमिटेड / NHPC Limited
माशका (जम्मू व कश्मीर) / Mashka (J&K)



NP-10-

Continued from NP- 09

30.09.2015

Sub: Approval for acquiring of forest land for construction of alternative road at Adit-II from RD 0.00 to 1155 mtr. – Regarding administrative approval.

Ref: Note no 825 dt. 05.09.2015 from the O/o ED (RO- Jammu)

Proposal of Sewa-II Power Station seeks at this stage only administrative approval to acquire forest land from J&K Govt. for construction of alternative road at Adit-II from RD 0.00 to 1155 mtr. Having tentative FI of Rs 35-40 lacs.

Exact FI of the proposal shall be known once the terms, conditions and other modalities for acquisition of forest land are firmed up with J&K Govt. Accordingly, these aspects have not been examined at this stage. Compliance of 'X' on NP-08, i.e. inclusion of expenditure intruing up petition may be ensured by Power Station Authorities at appropriate time.

Proposal recommended by Director (T) is concurred in Finance. Considering 'A' on NP-06, the proposed expenditure does not form part of the approved project estimate (DPR) of the project nor is included in the Capital Budget, hence administrative approval of CMD is required.

(Signature)
30/9/15
(S.N. Upadhyay)
Chief (F)

E D (F) – Vijay Kumar

(Signature)
30.09.15

Director (F)

(Signature)
01/10
22/10
A.A. is accorded as above.

A.A. is accorded as above.

(Signature)
26/10/2015

Dir. (Tech)

ED Jammu

(Signature)
26-10-15

डीआर (टेक)/सेवा II

(Signature)

(Signature)
24/10
24/11

M Tech-1

26 OCT 2015
4352

23 OCT 2015
12576



एक कदम स्वच्छता की ओर

Director (Finance) Office
U.S. No. 1035
Date 23-10-15

महाप्रबंधक प्रभारी/General Manager
सेवा- II पावर स्टेशन/Sewa-II Power Station
एनएचपीसी लिमिटेड/NHPC Limited
मार्शका (जम्मू व कश्मीर) /Maashka (J&K)

806

ED(F)/1036
30-9-15

एन एच पी सी
कार्यालय कायम
क्षेत्रीय कार्यालय
डायरी संख्या... 1099
दिनांक... 29/10/15

भारत सरकार
पर्यावरण एवं वन मंत्रालय
GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT & FORESTS

No. J-12011/38/2001-IA-I

Dated: 7. 03.2003.

To,
The Chief (Environment),
National Hydroelectric Power Corporation Ltd.,
NHPC Office Complex,
Sector-33,
FARIDABAD - 121003
HARYANA

Sub: Sewa Hydroelectric Project Stage-II (120 MW), in District Kathua, J & K -
Environmental Clearance-regarding.

Sir,

This has reference to your letter No.NH/PD/Env89/2469 dated 13.09.02,
25.10.02,17.02.02 & 30.12.02, on the above subject.

2 The above referred proposal was considered by the Expert Committee for River Valley & Hydroelectric projects at its meeting held on 29.11.2002 & reconsidered on 16.01.2003. The Sewa Hydroelectric Project Stage-II (3x40 MW) is a run of the river scheme on the river Sewa, a tributary to river Rabi and is located in Kathua District, Jammu & Kashmir. The dam is located at Gatti village and the power house located at Mashka Village. Three hydroelectric projects will be located along Sewa river. The Sewa HEP Stage-I utilizes a drop of about 100 m upstream of village Ghatti between Bamni & Gatti and investigations by State Government on this project have not been reported. Sewa HEP Stage-II utilises a drop of about 560 m between Gatti village and Mashka just above the confluence of Sewa and Rabi rivers. Sewa Stage-III is located downstream of Sewa HEP-II and has an installed capacity of 6 MW. The capital cost of the project Rs. 705.13 Crores.

3. The Environmental Management Plan submitted by NHPC has been examined. The Ministry of Environment and Forests hereby accords environmental clearance as per the provisions of Environmental Impact Assessment Notification, 1994, subject to strict compliance of the terms and conditions as follows:

May kindly see.

Water Dept
7/3/03

G.M. (Engg.)

EOC (Engg.)

DCT

SH (Env)

पर्यावरण भवन, सी. जी. ओ. कॉम्प्लेक्स, लोदी रोड, नई दिल्ली-110003
PARYAVARAN BHAVAN, C.G.O. COMPLEX, LODHI ROAD, NEW DELHI-110003

महाप्रबंधक प्रभारी/General Manager i/c
सेवा- II पावर स्टेशन/Sewa-II Power Station
एनएचपीसी लिमिटेड/NHPC Limited
माशका (जम्मू व कश्मीर)/Mashka (J&K)

Part A: Specific Conditions

(i) 86 families of the 2 villages of Gatti & Mashka will be affected. The affected families should be rehabilitated as per R & R plan proposed & approved by the State Government vide letter No.LA/266 dated 27.12.2002. The economic rehabilitation of the affected population should be covered through vocational training e.g. apiculture, rabbit farming, poultry farming & sericulture activities.

(ii) The solatium for the project affected families be increased from 15 per cent to 30 per cent in line with the Government of India guidelines.

(iii) 3256 ha. severely degraded and very severely degraded catchment area should be completed in four years as proposed. Year wise break up of physical targets of CAT plan as follows -

Biological Measures (Area in ha)						
No.	Item of Work	I st Year	II nd Year	III rd Year	IV th Year	Total
1.	Afforestation	300	540	400	400	1640
2.	Fodder and fuel wood plant	72	150	150	150	522
3.	Horticulture plantation	60	60	65	65	250
4.	Pasture Development	50	40	40	50	180
5.	Contour trench Plantation	40	40	40	40	160
B. Engineering Measures (Area in ha)						
1.	Gully Control	15	15	15	14	59
2.	Stream Bank Protection	20	20	20	15	75
3.	Bench Terracing	30	30	30	14	104
4.	Landslide Control	20	20	20	30	90
5.	Contour bunds	20	22	22	25	89
6.	Check dams	15	15	15	10	55
7.	Nala trainin	10	12	10	10	42

(iv) The conservation of medicinal plants as proposed should be carried out in consultation with the Monitoring Committee set up by the State Government.

(v) The basic data of Ambient Air Quality, Noise Level, Ground Water Quality, Bio-chemical Oxygen Demand (BOD) and Coliform count of surface water should be monitored periodically and reports submitted.


(vi) The minimum flow of water should be 6 cusecs during the lean season in the pools immediately downstream of the dam.

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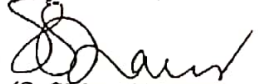
महाप्रबंधक प्रभारी/General Manager i/c
सेवा- II पावर स्टेशन/Sewa-II Power Station
एनएचपीसी लिमिटेड/NHPC Limited
माशका (जम्मू व कश्मीर)/Mashka (J&K)

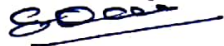
Part-B: General Conditions

- (i) Adequate free fuel arrangement should be made for the labour force engaged in the construction work at project cost so that indiscriminate felling of trees is prevented.
 - (ii) Fuel depot may be opened at the site to provide the fuel (kerosene/wood/LPG). Medical facilities as well as recreational facilities should also be provided to the labourers.
 - (iii) All the labourers to be engaged for construction works should be thoroughly examined by health personnel and adequately treated before issuing them work permit.
 - (iv) Restoration of construction area including dumping site of excavated materials should be ensured by leveling, filling up of burrow pits, landscaping etc. The area should be properly treated with suitable plantation.
 - (v) Financial provision should be made in the total budget of the project for implementation of the above suggested safeguard measures.
 - (vi) A Multidisciplinary committee should be constituted with representatives from various disciplines of forestry, ecology, wildlife, soil conservation, NGO etc. to oversee the effective implementation of the suggested safeguard measures.
 - (vii) Six monthly monitoring reports should be submitted to the Ministry and its Regional Office, Chandigarh for review.
4. Officials from Regional Office MOEF, Chandigarh who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents / data by the project proponents during their inspection.
5. The responsibility of implementation of environmental safeguards rests fully with the NHPC & Government of J & K.
6. In case of change in the scope of the project, project would require a fresh appraisal.
7. The Ministry reserves the right to add additional safeguard measures subsequently, if found necessary and to take action including revoking of the clearance under the provisions of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time-bound and satisfactory manner.


महाप्रबंधक प्रभारी / General Manager i/c
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8. This clearance letter is valid for a period of five years from the date of issue of this letter.
9. A copy of the clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom any suggestion/ representation has been received while processing the proposal.
10. State Pollution Control Board / Committee should display a copy of the clearance letter at the Regional Office, District Industries Center and Collector's office/ Tehsildar's office for 30 days.
11. The project proponent should advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned informing that the project has been accorded environmental clearance and copies of clearance letters are available with the State Pollution Control Board / Committee and may also be seen at Website of the Ministry of Environment and Forests at [http:// www.envfor.nic.in](http://www.envfor.nic.in)


(S. Shiva Kumar)
Director (IA)


महाप्रबंधक प्रभारी / General Manager /c
सेवा- II पावर स्टेशन / Sewa-II Power Station
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माशका / कश्मीर / Mashka (J&k)

JUSTIFICATION FOR LOCATING THE PROJECT ON THE FOREST LAND

Sewa Hydroelectric Project Stage-II, 120 mw (now known as Sewa-II Power Station), is one of the Projects in J&K UT, which was completed by NHPC Ltd. In the year 2010. The HQs & the Power House of Sewa-II Power Station is located at Mashka, Tehsil: Basholi, District: Kathua and the Dam site is located at village Gatti, Tehsil: Bani.

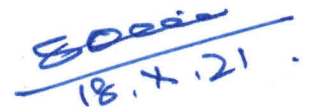
During construction stage of Sewa HE Project Stage-II, about 10.08 km, of Head Race Tunnel (HRT) was constructed for fetching the water from Dam Reservoir to the Power Generating Units at Mashka. The HRT was constructed with the help of 04 No. Adits, namely Adit-I, Adit-II, Adit-III & Adit-IV. Out of these 04 Adits, Adit-II & III were provided with Gates for future use for inspection/repair of HRT.

On Basohli-Bani State Highway, a link road of about 06 kms, was constructed to access the Adit-II Portal. The land for this link road stands transferred to Sewa-II Power Station vide Award No. SDMB/LA/333-37 dated 30.07.2005. During the year 2015, some portion of above link road was completely washed away due to heavy rains/hill sliding resulting in the access to Adit-II Portal was totally cut-off.

Since Adit-II is an important component of the Project to enter into the HRT through the Gates for carrying out necessary inspection/repair etc. as & when required, thus, approach road to Adit-II is a prime requirement to reach to Adit-II Portal . It is mandatory on our part to keep the approach road of Adit-II in good condition for hassle-free transportation of men & material to Adit-II portal during any emergent repair in HRT.

We have proposed diversion of existing road to Adit-2 before the damaged portion of road. The total forest land required for this proposed diversion is approximately 1.60 hectare. Accordingly, we are placing indent for diversion of forest land for construction of alternative patch of approach road to Adit-2.

Signature:-


18.10.21

Name:- Suprakas Adhikari

General Manager (1/C)

महाप्रबंधक प्रभारी / General Manager i/c

सेवा- II पावर स्टेशन / Sewa-II Power Station

एनएचपीसी लिमिटेड / NHPC Limited

Mashka, Dist. Kathua (J&K)

BRIEF DESCRIPTION OF THE PROJECT

Sewa-II Power Station, constructed by NHPC, is located in the Basohli Tehsil of Kathua District of Jammu & Kashmir, Union Territory. The dam site of the Power Station is at Gatti (Bani) and the Power House site is at Mashka. Water from Dam to Power House is coming through Head Race Tunnel of length 10.08 Kms. & 2.0 Kms. Penstock. The construction phase of Sewa HE Project Stage-II started in 2004 and commissioned in July 2010.

For construction of HRT, 04 Adits were used and Adit-2&3 are gated adits for repair, if any, in HRT. About 06 kms. of road is constructed for approach to Adit-2 and the land where this road is constructed has already transferred to Sewa-II Power Station vide Award No. SDMB/LA/333-37 dated 30.07.2005. Some portion of road was damaged due to hill sliding as shown in Annexure-I. Some portion of road was damaged due to hill sliding as shown in Annexure-I. Since Adit-2 is an important component for repair of HRT, approach road to Adit-2 is necessary and is obligatory on our part to keep it in good condition so that manpower and material can be shifted to portal of Adit-2 for emergency of repair in HRT.


We have proposed diversion of existing road to Adit-2 before the damaged portion of road as per Annexure-1. The total land required for this proposed diversion is approximately 1.60 hectare. Accordingly, we are placing indent for diversion of forest land for construction of alternative patch of approach road to Adit-2. The complete set of papers including layout/drawing for proposal diversion of alternative road, earlier award letter for forest land of existing damaged approach road to Adit-2 etc. are enclosed for reference.

About 840 mtr. Length of existing road to Adit-2 portal is sparable/abandoned as this portion of road will not be used by us after construction of proposed alternative road to Adit-2 portal. This stretch of abandoned road can be used by forest Department for afforestation purpose.

Signature:-

Date:- 19.07.2021

Name:- Suprakas Adhikari

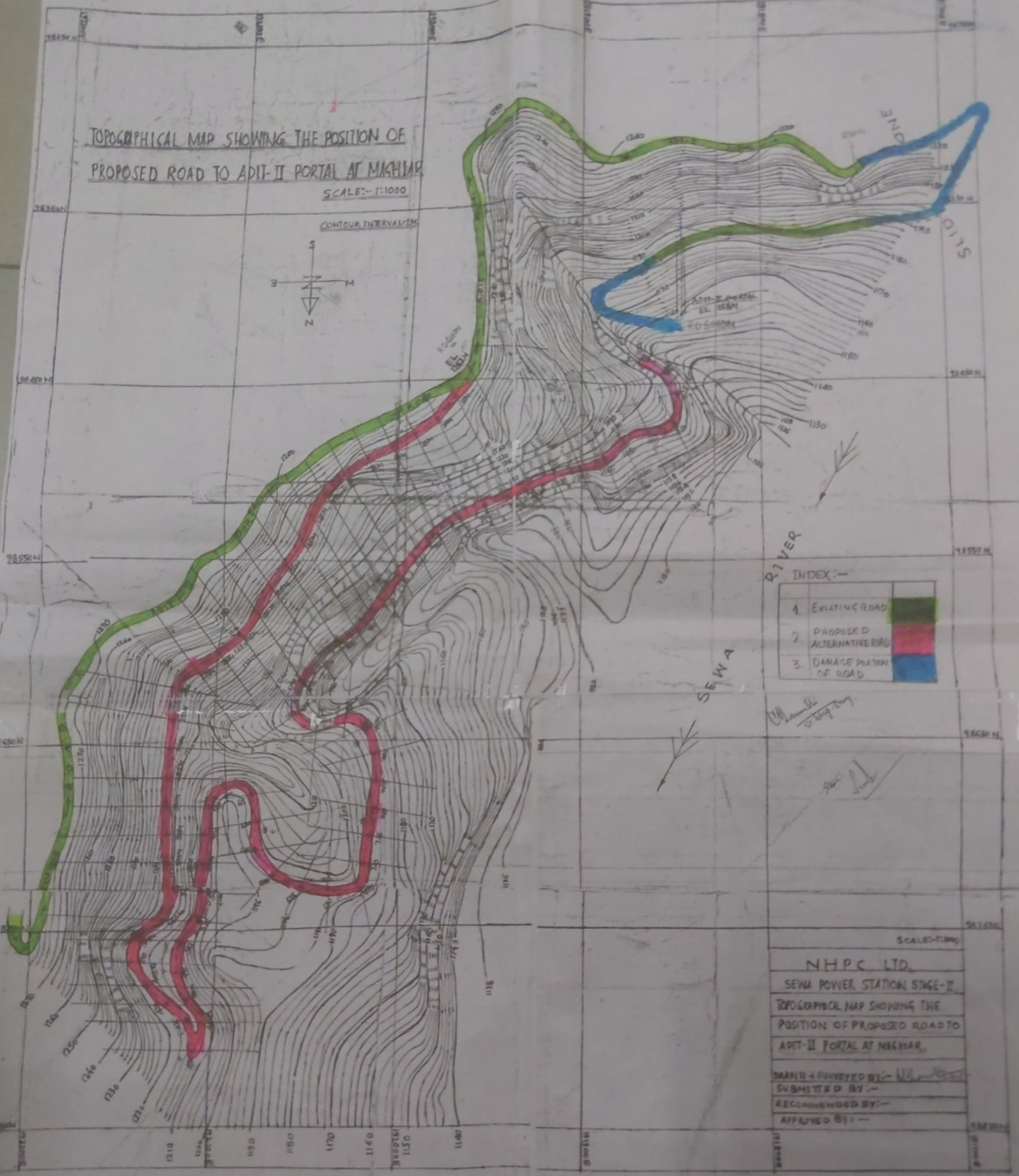
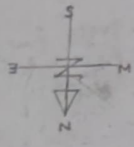

General Manager (I/C)
Sewa-II Power Station
Mashka, Distt. Kathua (J&K)

महप्रबंधक प्रणाली / General Manager (I/C)
सेवा- II पावर स्टेशन / Sewa-II Power Station
एनएचपीसी / NHPC
मॉन्टर (जम्मू & कश्मीर) / J&K

TOPOGRAPHICAL MAP SHOWING THE POSITION OF PROPOSED ROAD TO ADIT-II PORTAL AT MASHIAR

SCALE:- 1:1000

CONTOUR INTERVAL: 2M



INDEX :-

1	EXISTING ROAD	
2	PROPOSED ALTERNATIVE ROAD	
3	DAMAGE PORTION OF ROAD	

SCALE:- 1:1000

NHPC LTD.	
SEWA POWER STATION STAGE-II	
TOPOGRAPHICAL MAP SHOWING THE POSITION OF PROPOSED ROAD TO ADIT-II PORTAL AT MASHIAR	
DRAWN & FORWARDED BY:-	
SUBMITTED BY:-	
RECOMMENDED BY:-	
APPROVED BY:-	

Signature

महाप्रबंधक प्रभारी / General Manager i/c
 सेवा- II पावर स्टेशन / Sewa-II Power Station
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