



**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 - Bari 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 /c  
सेवा- II पावर स्टेशन/Sewa-II Power Station  
एनएचपीसी लिमिटेड/NHPC Limited  
माशका (जम्मू व कश्मीर) /Mashka (J&K)





- 2 -

to Aalit-II from R.D.O To 1155 w. The total financial implication worked out for construction of road carries to Rs 1,40,46,794. w. The forest land 13. w mtr width in the entire length of road 4. w mtr on each side of 5.0 mtr wide road is for the purpose of construction of breast & retaining walls. Budget provision has been kept for this work in BE-2016-17

Submitted please.

S. Singh

Prakash  
07/01/15  
M. K. Singh

The approach road to Aalit 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 forewarded to construct a new road bifurcating from R.D.  $\pm 4200$  m from the existing road to Aalit-II.

This road is expected to be about 1155.0 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

80000

(formants)  
1/4 m on either side of road cut.

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

458  
1000.15

CE I/c

10/12/15

(Next page pl.)

SDain

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

हिन्दी में काम करना, देश का सम्मान करना है ।



5/12/15  
10/12/15

10/12/15



Sewa-II Power Station

: 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.

Submitted please.

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

Executive Director,  
Regional Office, NHPC,  
Jammu.

ED&J at co

*[Signature]*  
Chief Secy-c  
24.8.2015

*[Signature]*  
31/8/15

*[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)

एन.एस.पी.सी. लि०  
कार्यालय, कार्यपालक निदेशक  
क्षेत्रीय कार्यालय, जम्मू।  
डाफ्टरी संख्या 701  
दिनांक 20/8/15



C-806

हिन्दी में काम करना, देश का सम्मान करना है ।

NHPC/Sewa-II/CE 1/c/484/ dt 17/8/15



आई एस ओ-9001 एवं  
14001 प्रमाणित कम्पनी  
ISO - 9001, 14001 &  
OHSAS 18001  
Certified Company

F.D/385  
31/8

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

C-806

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

Fm/564  
1.9.15

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 exploded 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 was 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 Kothia)  
ChiefEngineer (C)-C&O

Chief (Finance)

31/8/15  
MGR (Fin)

② The subject proposal needs to be examined by finance div. of power station.

31/8/15

ED - Rg/ Jaemmu.

Please attend ① & put up.

महप्रबंधक प्रभारी / General Manager /c  
सेवा- II पावर स्टेशन / Power Station  
एनएचपीसी लिमिटेड / NHPC Limited  
वाशका / वाशका, जम्मू / Washka (J&K)



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

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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 ~~the~~ **CE** 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 was 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.

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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.

*(Signature)*  
(Yoginder Kothia)  
Chief Engineer (C)-C&O

Chief (Finance)

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

ED - R/Jaemmu.

Please

CE (Ec) Sema II P.S.

**A**

For ma.

3/9/15

3/9/15

एन.एच.पी.सी. लिमिटेड  
कार्यालय, कार्यालयिक निर्देशक  
क्षेत्रीय कार्यालय, जम्मू  
द्वारा संख्या-790  
दिनांक 01/09/15

Fin/S64  
1.9.15

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

On perusal of case for acquiring forest land for construction of Alternate Road from Adit-II RD 0.00 mtr to 1155 mtr.

The following status is submitted -

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

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

To total proposed BE 2016-17 290 lacs

(ii) Against the provision under Head B. 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 C&B.

4/9/15  
MID

4/9/15

E D ROS

Chief

4/9/15

4/9

4/9/15

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

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

NP-8-

GM (D-I)

डायरी नं.

Dy. No.

दिनांक Date

832

10/09/15

Finance Wing, RO-Jammu

**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 coming 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 (RO-Jammu)

The case is recommended for (A) as concurred by the regional finance (Am. Prateek) 9.9.15

(V Ranga Rao)  
Chief (Fin.)

Mrs.

Dr (Tech)

ED D&E

AM (D&E)

CE (D-I)

Naresh 10/9/15

Remains to be checked

10/9/15

10/9/15

10/9/15

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

NHPC

No. Fin/2015/586 D-I-S-9-15

FT-2015/435

(A)

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

एन.एच.पी.सी. लि.0  
कार्यालय, कार्यालय निदेशक  
क्षेत्रीय कार्यालय, जम्मू  
825  
05/09/15

C-306  
JK

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 Manager(D-I)

*Narinder*  
23/9/15

Executive Director( D & E)

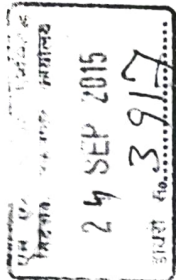
*(BN)*  
24/9.

*DCT*

*D(F)*

*S. D. Sharma*

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)



*23/9/15*  
*23/9/15*

ED (D&E)

Dr. No. 2458  
Date 24/9/15

*ED (D-I) 675*  
*23/09/2015*



*28/9/15*  
*28/9/15*

*Reshma*  
*28/9/15*

m Tech-1