

एसजेवीएनलिमिटेड

SJVN Limited

(A joint venture of Govt. of India & Govt. of Himachal Pradesh)

A 'Mini Ratna' & Schedule 'A' PSU

CIN : CIN:L40101HP1988GOI008409

सुन्नी डैमहाईड्रोपावरप्रोजेक्ट

Sunni Dam Hydro Power Project



ENVIRONMENT DEPARTMENT

No: SJVN/SDHEP/Env.-FCA/2020- **732**

Dated: 08/05/2020

To

The Divisional Forest Officer,
Forest Division Karsog,
Distt. Mandi (H.P.)

Sub: Diversion of **397-16-92 ha** of forest land in favour of SJVN Ltd. for the construction of **Sunni Dam HEP** on Satluj river within the jurisdiction of Shimla, Kotgarh and Karsog Forest Divisions in Distt. Shimla and Mandi of H.P.-**Reply of EDS raised on dated 30/04/2020.**

Sir,

This has reference to EDS raised by your office on dated 30/04/2020.

In this context, it is to inform that the undertakings have been got countersigned by your good self and have been uploaded with additional information details on the portal. This is for kind information & further n.a. at your end please.

With Regards,

DA: As Above.

Yours Faithfully,

(Er. Vikas Mahajan)

Addl. General Manager (Env.),
SJVN Ltd., SDHEP, Bithal.

परियोजना कार्यालय: गांव विथल, डा0 शमाथला,
तहसील कुमारसैन, जिला शिमला-172030
दूरभाष: 01782-221807, Fax No.:01782-222277 www.sjvn.nic.in
कार्पोरेट मुख्यालय : शक्तिसदन शानान,
शिमला-(171006 हि0प्र0)

Project office (**For communication**): Village Bithal, P.O. Shamathala,
Tehsil Kumarsain, Distt. Shimla-172030
Tele :01782-221807, Fax No.:01782-222277 www.sjvn.nic.in
Corporate H.Q. : Shakti SadanShanan,
Shimla-171006(H.P)

अपने तथा राष्ट्र के हित में ऊर्जा की बचत करें।

SAVE ENERGY FOR BENEFIT OF SELF AND NATION



SJVN Limited
(A joint venture of Govt. of India and Govt. of H.P.)
A Mini Ratna & Schedule 'A' PSU
Luhri Hydro Electric Project
(An IS/ISO 9001:2008 Certified Project)

Undertaking

It is certified that the process for settlement of Rights under the Forest Rights Act, 2006 on 397.1692 ha of forest land proposed to be diverted will be initiated very shortly. I hereby, undertake to provide the "copy of documentary evidence in support of settlement of rights under the Forests Rights Act, 2006 on the forest land proposed to be diverted" before the forest proposal is forwarded to the Ministry of Environment, Forest and Climate Change, New Delhi.

Date: 26.12.2017

Place: Bithal

Handwritten signature

Handwritten signature
Er. R. L. Negi
CGM Head of Project
SJVN, H.E.P. Bithal

Handwritten signature
Divisional Forest Officer,
Karsog Forest Division, H.P.

Registered & Corporate Office: Himfed Building, New Shimla-171009 (H.P.)
Website :www.sjvn.nic.in, CIN:L40101HP1988GOI008409
Head Office of Project: Bithal, P.O. Samathala, Teh. Kumarsain, Distt. Shimla-172030 (H.P.)
Phone No.: 01782-221807, Fax No.:01782-222616
E-mail:envqcsafetyllep@gmail.com



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A Mini Ratna & Schedule 'A' PSU

Luhri Hydro Electric Project

(An IS/ISO 9001:2008 Certified Project)

Undertaking to provide copy of the approval of competent authority to the Catchment Area Treatment Plan (CAT Plan)

It is certified that the project specific CAT Plan of Sunni Dam HEP is under preparation stage in line with Comprehensive Catchment Area Treatment Plan of Satluj basin as prepared by Himachal Pradesh Forest Department. I hereby, undertake to provide the "copy of the approval of competent authority to the Catchment Area Treatment Plan (CAT Plan)" before the forest proposal is forwarded to the Ministry of Environment, Forest and Climate Change, New Delhi.

Date: 26.12.2017

Place: Bithal


(R. L. Negi)
Er. R. L. Negi
Head of Project
CGM/Head of Project
Sunni Dam HEP, Bithal
Distt. Shimla (H.P.)


Divisional Forest Officer,
Karsog Forest Division, H.P

Registered & Corporate Office: Himfed Building, New Shimla-171009 (H.P.)

Website : www.sjvn.nic.in, CIN:L40101HP1988GOI008409

Head Office of Project: Bithal, P.O. Samathala, Teh. Kumarsain, Distt. Shimla-172030 (H.P.)

Phone No.: 01782-221807, Fax No.:01782-222616

E-mail:envqcsafetylhep@gmail.com

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SJVN Limited

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सुन्नी डैम हाईड्रो पावर प्रोजेक्ट

Sunni Dam Hydro Power Project

ENVIRONMENT DEPARTMENT



**Undertaking Regarding Techno-Economic Appraisal (T.E.A) of
Sunni Dam HEP**

It is to inform that the Detailed Project Report (DPR) of Sunni Dam HEP has been prepared and submitted to Central Electricity Authority (CEA) on 30.08.2019 for Techno-Economic Appraisal (T.E.A) and is under examination with CEA, SJVN Ltd. hereby undertake to provide the copy of Techno-Economic Appraisal (T.E.A) as soon as it shall be issued by Central Electricity Authority (CEA).

For & on behalf of SJVN Ltd.

Authorized Signatory


(R.L. Negi)
Head of Project
GM/Head of Project
Sunni Dam HEP, Bithal
SJVN LHEP, Bithal
Distt. Shimla (H.P.)

Date :

Place : Bithal


Divisional Forest Officer,
Karsog Forest Division, H.P.

परियोजना कार्यालय: गांव विथल, डा0 शमाथला,
तहसील कुमारसैन, जिला शिमला-172030
दूरभाष : 01782-221807, Fax No.:01782-222277 www.sjvn.nic.in
कार्पोरेट मुख्यालय : शक्ति सदन शानान,
शिमला-(171006 हि0प्र0)

Project office : Village Bithal, P.O. Shamathala,
Tehsil Kumarsain, Distt. Shimla-172030
Tele :01782-221807, Fax No.:01782-222277 www.sjvn.nic.in
Corporate H.Q. : Shakti Sadan Shanan,
Shimla-171006(H.P.)

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SAVE ENERGY FOR BENEFIT OF SELF AND NATION

Undertaking

It is certified that bio-engineering measures alongwith the construction of retaining wall and B/wall will be constructed around dam reservoir, tail race channel power house by the user agency from their own expenditure for avoiding the soil erosion / landslides as per the site specification.

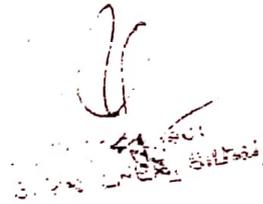
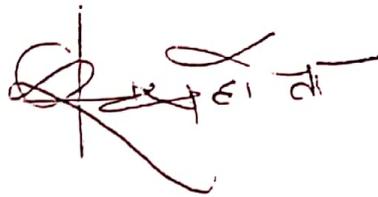
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[Signature]
Er. R. L. Negi
CGM/Head of Project
SJVN, LHEP, Bithal

[Arrow pointing to stamp]
Divisional Forest Office,
Karsog Forest Division, H.P.

Rehabilitation and Resettlement

It is to inform that the process of the preparation of revenue papers is in progress. Thereafter, Project management will apply for the private land acquisition to the State Govt. of Himachal Pradesh. Further, Himachal Govt. will forward the case to its Social Impact Assessment Unit for Social Impact Assessment Study. After completion of the study, Govt. of HP will notify the Section-XI of "The Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013". Subsequently, after public hearing, the State Administrator shall prepare R&R scheme.



Er. R.L. Negi
CGM/Head of Project
SJVN, LHEP, Bithal



Divisional Forest Officer,
Karsog Forest Division, H.P.

Full title of the project: Sunni Dam Hydro-Electric Project (382 MW).

File No.:

Date of proposal:

JUSTIFICATION FOR LOCATING THE PROJECT IN FOREST AREA.

(CHECK LIST SERIAL NUMBER-10)

The State of Himachal Pradesh has vast hydroelectric power potential in its five major rivers. The rivers and their tributaries with steep gradient continue to challenge planners and engineers for optimal exploitation of hydropower potential. Numbers of hydroelectric projects are under execution in the state by state, central, joint and private sector developers. The only strategy that is being followed in Himachal Pradesh for exploitation of hydroelectric power resources is to produce as much energy as possible, with minimum cost and less negative impacts on environment. The rapid generation of hydroelectric power as per its potential will definitely improve the economic health of the state because 12 percent free power plus 1 % LADF on all new installations will increase the resources of the state to a significant extent. The need for the project also rises from the need to fulfill a steady increase in peak electricity demand and the growing energy deficit in the Northern Region.

Various proposals were considered for harnessing the available potential for this project. After considering the various proposals of Dam, HRT and Power House in LHEP, the present scheme with dam and Power House at village Khaira has been considered as the most viable proposal for Sunni Dam HEP from environmental, social and economic aspects. Efforts have been made to reduce the forest land as far as possible in the present proposal. More than 62 ha of private land has already been considered wherever possible for execution of this project. The detail of private land is also appended in this proposal.

It is pertinent to mention here that the components of a hydroelectric project are eventually to be finalized as per the geological conditions of the area and cannot be shifted. Therefore, Dam, Diversion Tunnel and underground power house have to be fixed as per the topography and geology of the area. But still where ever possible various project components like dumping areas, residential colony and offices have been proposed to be located in private land.

The locations of all project components have already been inspected by the concerned SDMs, DFOs and other Government Officers during **Joint Inspection** of site.

There is no scope for avoidance of Govt./forest land and diversion of total **397.1692 ha** of forest land for the Project (*159.3484ha in Shimla Forest Division (158.6684 ha open surface*

MLP

[Signature]
Er. R. Negi
CGM/Head of Project
SJVN, LHEP, Bilhal

area+0.6800ha underground/Notional area) + 37.3859 ha. in Kotgarh Forest Division + 200.4349 ha (197.2404 open surface area+3.1945ha underground/Notional area) in Karsog Forest Division)of Govt./forest is bare minimum and cannot be escaped.

Date 15/11/19

Place Bithal

For & on behalf of SJVN Ltd

Yes
Authorized Sign
E. R. L. Negi
(Name & Designation)
CGM/Head of Project
Office Seal
SJVN, LHEP, Bithal

Countersigned by:-

da
Divisional Forest Officer,
-----Forest Division,
Distl.----- (H.P.)
Office Seal-----

Divisional Forest Officer,
LHEP Forest Division, H.P.

Full title of the project: **Sunni Dam Hydro-Electric Project (382 MW).**

File No.:

Date of proposal:

CERTIFICATE FOR MINIMUM USE OF FOREST LAND

(CHECK LIST SERIAL NUMBER-11)

This is to certify that the forest area involved in the proposal is un-avoidable and barest minimum i.e. diversion of total 397.1692 ha of forest land for the Project (159.3484ha in Shimla Forest Division (158.6684 ha open surface area+0.6800ha underground/Notional area) + 37.3859 ha. in Kotgarh Forest Division + 200.4349 ha (197.2404 open surface area+3.1945ha underground/Notional area) in Karsog Forest Division) for the purpose of establishment of Sunni Dam Hydroelectric Project, which is proposed for diversion.

Date 15/11/19

Place Bithal

For & on behalf of SJVN Ltd

Authorized Signatory
(Name & Designation)

Office Seal
CGM/Head of Project
SJVN, LHEP, Bithal

Countersigned by:-

Divisional Forest Officer,
-----Forest Division,
Distt.----- (H.P.).

Divisional Forest Officer,
Karsog Forest Division, HLP

Full title of the project: Sunni Dam Hydro-Electric Project (382 MW).

File No.:

Date of proposal:

CHECK LIST SERIAL NUMBER-12

UNDERTAKING FOR PAYMENT OF COST OF COMPENSATORY AFFORESTATION.

It is to certify that I, Head of Project, Sunni Dam HEP, Village Rewali, PO Shamathala, Tehsil Kumarsain, Distt. Shimla, H.P. hereby undertake to pay the entire amount for compensatory afforestation in lieu of the forest area to be diverted for the purpose of establishment of Sunni Dam Hydroelectric Project, at Khairas per the prevailing wage rates at the time of undertaking the plantation activities.

Date 15/11/19

Place Bithal

For & on behalf of SJVN Ltd


Authorized Signatory
(Name & Designation)
Office Seal
CGM/Head of Project
SJVN, LHEP, Bithal

Countersigned by:-


Divisional Forest Officer,
Forest Division,
Distt. _____ (H.P.)
Office Seal _____
Divisional Forest Officer,
Karsog Forest Division, H.P.

Full title of the project: **Sunni Dam Hydro-Electric Project (382 MW).**

File No.:

Date of proposal:

CHECK LIST SERIAL NUMBER-13

UNDERTAKING FOR PAYMENT OF NET PRESENT VALUE OF FOREST AREA.

It is to certify that I, Head of Project, Sunni Dam HEP, Village Rewali, PO Shamathala, Tehsil Kumarsain, Distt. Shimla, H.P. have applied for diversion of total **397.1692 ha** of forest land for the Project (*159.3484ha in Shimla Forest Division (158.6684 ha open surface area+0.6800ha underground/Notional area) + 37.3859 ha. in Kotgarh Forest Division + 200.4349 ha (197.2404 open surface area+3.1945ha underground/Notional area) in Karsog Forest Division*) for the purpose of establishment of **Sunni Dam Hydroelectric Project**, at Khaira and I, hereby undertake to pay cost of NPV, as and when demanded by the forest department or any authority.

Date 15/11/19

Place Bithal

For & on behalf of SJVN Ltd

Authorized Signatory
(Name & Designation)

Er. P. L. Negi
CGM/Head of Project
SJVN, LHEP, Bithal

Countersigned by:-

Dr
Divisional Forest Officer,
-----Forest Division,
Distt.----- (H.P.)
Office Seal-----

Full title of the project: Sunni Dam Hydro-Electric Project (382 MW).

File No.:

Date of proposal:

UNDERTAKING FOR PAYMENT OF ADDITIONAL AMOUNT OF NET PRESENT VALUE OF FOREST AREA.

It is to certify that I, Head of Project, Sunni Dam HEP, Village Rewali, PO Shamathala, Tehsil Kumarsain, Distt. Shimla, H.P. have applied for diversion of total 397.1692 ha of forest land for the Project (159.3484ha in Shimla Forest Division (158.6684 ha open surface area+0.6800ha underground/Notional area) + 37.3859 ha. in Kotgarh Forest Division + 200.4349 ha (197.2404 open surface area+3.1945ha underground/Notional area) in Karsog Forest Division) for the purpose of establishment of Sunni Dam Hydroelectric Project, at Khairaand I, hereby undertake to pay additional amount of NPV, if so determined, as per the final decision of the Hon'ble Supreme Court of India.

Date 15/11/19

Place Bithal

For & on behalf of SJVN Ltd

Authorized Signatory

(Name & Designation)

E. R. L. Negi

CGM/Head of Project
SJVN, LHEP, Bithal

Countersigned by:-

dm
Divisional Forest Officer,
Divisional Forest Division,
Distt. _____ (H.P.),
Karsog Forest Division, H.P.