


**Net Present Value (NPV) of Forest land proposed for diversion under Forest Conservation Act, 1980 in Kathua Forest Division, Jammu & Kashmir for Ujh Multipurpose Project by Jammu & Kashmir State Power Development Corporation (JKSPDC)**


1	<b>Name of the project:</b>	Ujh Multipurpose Project			
2	<b>Name of the Forest Division</b>	Kathua Forest Division			
3	<b>Number of Forest Compartments involved:</b>	12 (Twelve)			
4	<b>Name of Forest Compartments involved:</b>	38/K, 31/K & 32/K of Kathua Range and 12/J, 26b/J, 26c/J, 26d/J, 79/J, 80/J, 81/J, 82/J and 83/J of Jasrota Range			
5	<b>Total area of Forest land proposed for diversion:</b>	62.69 ha			
6	<b>Ecological Class &amp; Density Class of Forest land proposed for diversion:</b>	<i>Eco Class</i>	<i>Forest Type</i>	<i>Density Class (Density)</i>	<i>NPV Rates (Rs / ha)</i>
		III	Tropical Dry Deciduous Forests	VDF (0.7)	8,87,000/-
7	<b>Rate of NPV of the Forest land to be diverted:</b>	V	Sub - tropical Pine Forests	VDF (0.7)	9,39,000/-
		(Vide Notification- F.No. 5-3/2007- FC dated 05.02.2009 of the Ministry of Environment, Forests & Climate Change)			
8	<b>Total amount of NPV:</b>	<i>Eco Class</i>	<i>NPV Rates (Rs / ha)</i>	<i>Forest land proposed for diversion (Ha)</i>	<i>Total Amount of NPV payable by UA (Rs)</i>
		III	8,87,000/-	49.69	4,40,75,030/-
		V	9,39,000/-	13	1,22,07,000/-
		TOTAL		62.69	5,62,82,030/- (Rs Five Crore Sixty-Two Lakhs Eighty-Two Thousand and Thirty only)

  
 Rahul Singh, IFS  
 Divisional Forest Officer  
 Kathua Forest Division, Kathua

Cost Abstract of timber/firewood extraction from trees coming in proposed Ujh MPP w.r.t. Kathua Forest Division						
S. No.	Item of Work	Qty.	Rate (In Rs)	Unit	Amount (In Rupees)	Remarks
1	Enumeration of tree, poles etc.	23836	5.4	Per No.	1,28,714	The estimate is prepared as per Govt. rate of 2016-17.
2	Marking of trees , poles etc.	23836	9.75	Per No.	2,32,401	
3	For extraction of firewood and allied activities of BL spp. & Chir pole & saplings					
a	Felling of trees, hand sawing/conversion and its splitting making fit for head load carriage/stocking upto loading point road side	26705	105.57	Per qtl	28,19,247	
b	Weightage, loading, unloading, Depot handling and other misc.	26705	21.42	Per qtl	5,72,021	
Sub Total (3)					33,91,268	
4	Felling of 127 chir trees having timber value having 11222 cft volume					
a	Firewood extraction @ 65% of total volume which include felling of trees, hand sawing, conversion and its splitting making fit for head load carriage/stocking upto loading point road side.	2553	105.57	Per qtl	2,69,521	
b	Weightage, loading, unloading, depot handling, other misc. charges	2553	21.42	Per qtl	54,685	
Sub Total (4a & 4b)					3,24,206	
c	Out turn from felling for sawn timber @ 35% of total volume of Chir trees having timber value	3928	3.21	Per cft	12,608	
d	Hand sawing under / odd sizes 25% of total volume	2806	46.24	Per cft	1,29,726	
e	Hand sawing of standard sizes 10% of total volume	1122	52.85	Per cft	59,308	
f	Off road transportation in forest through head load (d+e)	3928	0.62	Paisa per cft per chain for 15 chain	36,528	
g	Pacca road transportation for 90 km average lead	3928	0.22	Paisa per cft per km with 15% contractor profit	77,768	
h	Nikassi	3928	0.94	Per cft	3,692	
i	Stacking	3928	0.88	Per cft	3,456	
Sub Total (4c to 4i)					3,23,087	
5	Mechanical transportation of firewood for 90 km average lead	29170	Rs 1.90/- per qtls per km upto 40 kms, Rs 1.38/- per qtls per km beyond 40 km		42,29,578	
6	Watch & ward for 13 labour for 6 months	78	6750	Per month	5,26,500	
Cost Amount in Rs (1 to 7)					88,31,549	
Misc. & OH Charges @ L5					4,41,451	
Total Amount in Rupees payable by UA in Rs					92,73,000	

  
DFO, Kathua

Abstract of timber / firewood quantity estimate of trees coming in proposed Ujh MPP w.r.t. Kathua Forest Division												
Dia Class	0-10	10 to 20	20-30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90-100	above 100	Total
Expected Outturn (Qtl)	0.25	1	4	6	10	17	25	35	50	70	125	
BL spp. Nos.	14186	6732	1944	502	142	70	49	13	2	13	2	23655
Chir Nos.	26	10	18	30	34	18	21	8	2	11	3	181
Outturn of firewood for BL (qtl)	3546.5	6732	7776	3012	1420	1190	1225	455	100	910	250	26616.5
Out turn of firewood for Chir (qtl) for dia class <30 cm	7	10	72									89
Volume of Chir from Kullu Volume Table(cft)	0	0	0	17	40	78	125	172	219	247	264	
Total Volume of Chir (cft)	0	0	0	510	1360	1404	2625	1376	438	2717	792	11222
Out turn of firewood for Chir (cft) for dia class >30 cm @ 65% of total volume				332	884	913	1706	894	285	1766	515	7294
Out turn of firewood for Chir (qtl) for dia class >30 cm @ 65% of total volume				116	309	319	597	313	100	618	180	2553
Total expected outturn of firewood (qtl)	3547	6732	7776	3128	1729	1509	1822	768	200	1528	430	29170
Total expected outturn of Timber (cft) @ 35% of total volume	0	0	0	178.5	476	491.4	918.75	481.6	153.3	950.95	277.2	3928

  
 DFO, Kathua

Full Title of the Project: 196 MW UTH. MULTIPURPOSE HYDEL PROJECT.  
File No. : FP/JK/Hyd/44025/2020  
Date of Proposal: 19-01-2020.

## UNDERTAKING FOR PAYMENT OF NET PRESENT VALUE OF FOREST AREA

It is to certify that I/We JKSPDC Ltd. have  
applied for diversion of 680.60 ha. of forest area for the purpose of CONST.  
of 196 MW UTH MPP. KATHUA.  
I/We, hereby, undertake to pay the net present value  
(NPV) of the above forest land. I/we also hereby undertake to pay the additional  
amount of NPV, if so determined as per the decision of the Hon'ble Supreme Court.

Place : JAMMU


Date : 08.07.2020.

Executive Engineer  
Civil Const. Div. UTH (HEP)  
Rajbagh, Kathua

Signature of User Agency  
Office Seal

Counter signed by :-

Divisional Forests Officer  
Kathua Forest Division  
Divisional Forest Officer  
Office Seal  
Kathua Forest Division  
KATHUA.

 <p><b>JKSPDC</b> A GOVERNMENT OF JAMMU &amp; KASHMIR ENTERPRISE</p>	<p align="center"><b>GOVERNMENT OF JAMMU &amp; KASHMIR</b>  <b>J&amp;K STATE POWER DEVELOPMENT CORPORATION</b>  <b>OFFICE OF THE CHIEF ENGINEER CI&amp;D WING, JAMMU</b>  <b>18 C/C GANDHI NAGAR JAMMU</b>  <b>PHONE/FAX 2432435, 2432707 EMAIL: cecidjmu@gmail.com</b></p>
	<p>No:-CE/CI&amp;D/ UJH/XI/2510-14  Dated: 9/11 of Nov. 2020.</p>

Conservator of Forest  
East Circle Jammu

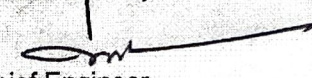
Subject: - Undertaking.

Sir,

As desired by your department for an undertaking from user agency regarding amount of extraction of trees to be felled in Ujh Multipurpose Project (including cost of felling, Conversion, transportation etc or any other cost ancillary to cost of extraction thereof), to be uploaded on Parivesh Portal.

This needs approval from Govt. of Jammu and Kashmir Jal Shakti Department Jammu, as the matter is of urgent nature hence undertaking is being issued subject to the approval from J&K Govt. Jal Shakti Department Jammu.

Yours faithfully

  
Chief Engineer,  
CI&D Wing, JKSPDC, Jammu


Copy to the: -

1. Principal Chief Conservator of forest Jammu for information. [pccfjkforest@gmail.com](mailto:pccfjkforest@gmail.com)
2. Executive Director (Civil) JKSPDC Jammu for information and taking up matter with higher authorities.
3. Chief Engineer RTIC Jammu with the request to take up the matter for approval from higher authorities. [ceravitawi@gmail.com](mailto:ceravitawi@gmail.com)
4. Executive Engineer CCD Ujh / Sewa HEP Kathua for information.


**UNDERTAKING FOR PAYMENT OF COST OF EXTRATION OF TREES  
TO BE FELLED IN UJH MULTIPURPOSE PROJECT**

I / We M/s JKSPDC hereby undertake to pay entire amount for extraction of trees to be felled in Ujh Multipurpose Project (including cost of felling, conversion, transportation etc. or any other cost ancillary to cost of extraction thereof) as would be communicated by the J&K Forest Department in this regard.

Place: Jammu  
Dated: 09.11.2020

  
Signature of the User Agency  
Civil Investigation & Design Wing  
P.D.C. JAMMU.  
Official Seal

Counter Signed By

  
Divisional forest Officer,  
Forest Division,  
Kathua Office Seal  
Kathua



Govt. of Jammu and Kashmir  
Office of the  
Divisional Forest Officer  
Kathua Forest Division Kathua

Address: Forest Complex College Road Kathua  
Ph / Fax No. 01922-234770  
Email Id : dfokathua@gmail.com & dfokathua.for-ik@nic.in

No: - KFD/FCA/ 2351

Dated: 10/11/2020

To,

The Conservator of Forests,  
East Circle, Jammu.

Sub: Para wise reply to the queries raised by DIG Forests (Central), Northern Regional Office of MoEF&CC regarding missing information in Forest clearance of Ujh Multipurpose Project-reg.

Ref: DIG Forests (Central), Northern Regional Office's communication File No. 8-09/2020-FC dated: 27.07.2020.

Sir,

With reference to the subject cited above, it is submitted that the User Agency, vide their letter No. CE/CI&D/Ujh-xi/1523-26 dated: 12.09.2020 addressed to the PCCF (HoFF), J&K, have furnished the para-wise reply to the queries raised by the Regional Office (Copy enclosed as Annexure-A). Further, an additional statement containing updated replies is enclosed as an addendum to Annexure -A.

This for your information and necessary action..

Yours faithfully,

  
(Rahul Singh), IFS  
Divisional Forest Officer  
Kathua Forest Division, Kathua

### Addendum to ANNEXURE-A

Point No.	Observation/Query raised by Northern Regional Office, MoEF&CC	Action taken/Reply furnished
i.	As per the land use plan it is not known if approach road is already available or will be constructed fresh or development work during construction and maintenance phase. The detail in this regards may kindly be provided	Refer to User Agency's Letter No. CE/CI&D/Ujh-xi/1523-26 dated 12.09.2020 (ANNEXURE-A)
ii.	It is observed that the total forest area sought for non-forest use in 1100 Ha as per details submitted on PARIVESH portal (Part-I) whereas the final recommendation is for 680 Ha. This discrepancy is need proper clarification and subsequent updation on PARIVESH portal	Refer to User Agency's Letter No. CE/CI&D/Ujh-xi/1523-26 dated 12.09.2020 (ANNEXURE-A)
iii.	The detail about CA are shall be provided with clarity. The user agency is a State Department. The compensatory afforestation shall be provided over non-forest land area. The complete details (like CA scheme, suitability certificate, SOI map and DGPS maps etc) of non forest land shall be uploaded on PARIVESH portal	Refer to User Agency's Letter No. CE/CI&D/Ujh-xi/1523-26 dated 12.09.2020 (ANNEXURE-A). The details like CA Scheme, Suitability Certificates, Sol Map & DGPS maps etc. have been uploaded in Form-A, Part-II on PARIVESH by the Divisional Forest Officer, Billawar Forest Division
iv.	SOI map on 1:50,000 scale and DGPS map of the forest land proposed to be diverted be provided/uploaded.	Refer to User Agency's Letter No. CE/CI&D/Ujh-xi/1523-26 dated 12.09.2020 (ANNEXURE-A)
v.		
v (a)	Undertaking for payment of cost of Compensatory Afforestation (CA)	The Undertaking, as received from the User Agency has been uploaded inn Form-A, Part-II on PARIVESH under "Additional Information Details" by the Divisional Forest Officer, Billawar Forest Division
(b)	Undertaking for payment of Net Present Value (NPV) of forest area	The Undertaking, as received from the User Agency has been uploaded inn Form-A, Part-II on PARIVESH under "Additional Information Details"by the Divisional Forest Officer, Billawar Forest Division
(c)	Undertaking for payment of additional amount of Net Present Value (NPV) of forest area	The Undertaking, as received from the User Agency has been uploaded inn Form-A, Part-II on PARIVESH under "Additional Information Details"by the Divisional Forest Officer, Billawar Forest Division
(d)	Undertaking for submitting the FRA Certificate	Refer to User Agency's Letter No. CE/CI&D/Ujh-xi/1523-26 dated 12.09.2020 (ANNEXURE-A)
vi	The DFO Kathua has reported that the Arial distance of the Jasrota Wildlife Sanctuary in 700m to 800m from the proposed area. Comments/NOC of Chief Wildlife Warden be provided.	A: copy of communication from Chief Wild Life Warden, J&K to the Comm./Secy. to Govt. Forest, Environment & Ecology Department vide No. WLP/Tech/2020/132-33 Dated: 11/09/2020 is enclosed

		herewith.
vii	Approved CAT plan may be uploaded on PARIVESH portal	Refer to User Agency's Letter No. CE/CI&D/Ujh-xi/1523-26 dated 12.09.2020 (ANNEXURE-A)
viii	Area figure of proposed forest land and non forest land in the project area shall be provided correctly and clarity. KML files with detailed land use in the project may be provided for proper analysis	Refer to User Agency's Letter No. CE/CI&D/Ujh-xi/1523-26 dated 12.09.2020 (ANNEXURE-A). Moreover, the details have also been provided in Part-I by the User Agency.
ix	Cost Benefit Analysis shall be provided as per the FCA guidelines, issued on 28.03.2019	Latest Cost-Benefit Analysis Statement has been uploaded by the User Agency on PARIVESH on 08.11.2020
x	Muck disposal plan shall be provided/uploaded on PARIVESH portal	Refer to User Agency's Letter No. CE/CI&D/Ujh-xi/1523-26 dated 12.09.2020 (ANNEXURE-A)

Place: Kathua  
Date: 10.11.2020

  
Divisional Forest Officer  
Kathua Forest Division, Kathua

JK PDC

A  
GOVERNMENT OF  
JAMMU & KASHMIR  
ENTERPRISE

GOVERNMENT OF JAMMU & KASHMIR  
J&K STATE POWER DEVELOPMENT CORPORATION

OFFICE OF THE CHIEF ENGINEER CI&D WING, JAMMU  
18 C/C GANDHI NAGAR JAMMU  
PHONE/FAX 2432435, 2432707 EMAIL: cccidjmu@gmail.com

No -CE/CI&D: 431-XI/1523-26  
Dated 12 of Sept 2020

The Principal Chief Conservation of Forests (HoFF),  
Government of Jammu & Kashmir,  
Department of Forests & Wildlife Preservation,  
Forest Complex Shiekh Bagh  
Near Lal Chowk Srinagar,  
Jammu & Kashmir-190001

Subject: Proposal for seeking prior approval of the Central Government under Section-2 of the Forest (Conservation) Act, 1980 for non-forest use of 680.1 ha (instead of 1100 ha) of Forest land in favour of M/s JKSPDC for construction of Ujh Multipurpose Hydro Electric Project in District Kathua State Jammu and Kashmir (Online proposal No FP/JK/HYD/44025/2020)-Reg

Ref: i) State Government online proposal received on 18-7-2020  
ii) Direction of MoEF & CC New Delhi on e-file note sheet dated 14-07-2020  
iii) MOEF & CC office File No. 8-9/2020-FC dated 27-07-2020

Sir

As desired vide above letter No. under reference (iii) kindly find enclosed herewith the requisite information parwise as under -

S.No	Observation by the MoEF & CC	Action taken
1	As per the land use plan it is not known if approach road is already available or will be constructed fresh for developmental work during construction and maintenance phase. The detail in this regard may kindly be provided.	As such there is no need to construct any additional approach road. The existing roads will be used for the proposed development works.
2	It is observed that the total forest area sought for non-forest use is 1100 ha as per details submitted on PARIVESH portal (Part-I) whereas the final recommendation is for 680 ha. This discrepancy is need proper clarification and subsequent uploaded on PARIVESH portal.	Out of the total 1100 ha forest area sought for non forest use 680.10 ha is required initially in Phase-I.
3	Details about CA area shall be provided with clarity the user agency is a state department the compensatory afforestation shall be proposed over non forest land area. The complete details (like-CA scheme Suitability Certificate SOI map and DGPS map etc) of non-forest	Required area for afforestation has been jointly identified / demarcated by the team of revenue, forest and user agency.

land shall be uploaded on PARIVESH portal

- |    |   |  |
|----|---|--|
| 4  | SOI map on 1:50,000 scale and DGPS map of the forest land proposed to be diverted be provided / uploaded  | SOI map on 1:50,000 prepared / provided in the indent copy submitted   |
| 5  | <b>The following mandatory undertakings be provided / uploaded on PARIVESH:</b>   |  |
| a  | Undertaking for payment of cost of compensatory Afforestation (CA)  | Already done   |
| b  | Undertaking for payment of Net Present value (NPV) of forest area   | Already done   |
| c  | Undertaking for payment of Addl Amount of net Present Value (NPV) of forest area  | Already done   |
| d  | Undertaking for submitting the FRA certificate  | FRA certificates submitted   |
| 6  | The DFO Kathua has reported that the Aerial Distance of the Jasrota Wildlife Sanctuary is 700 m to 800 m from the proposed area comments / NOC of Chief Wildlife Warden be provided                           | Wildlife (Protection department) is processing the proposal of wildlife clearance. Wildlife department J&K has already recommended the case to National Board of Wildlife for final clearance. |
| -  | Approved CAT plan may be uploaded on PARIVESH portal  | CAT plan approved by the Pr. CCF J&K   |
| 8  | Area figures of proposed forest land and non forest land in the project area shall be provided correctly and with clarity KML files with detailed land use in the project may be provided for proper analysis | Detailed land use map stands submitted   |
| 9  | Cost benefit analysis shall be provided as per the FCA guidelines issued on 28.03-2019  | Cost benefitted analysis is under process  |
| 10 | Muck disposal plan shall be provided / uploaded on PARIVESH portal  | There is no plan to acquire any additional forest land for muck disposal   |

Yours faithfully

Chief Engineer  
CI&D Wing JKPDC Jammu

Copy to the -

1. Executive Director (Civil) JKPDC for information
2. Chief Engineer RTIC Jammu for information. He is requested to apprise secretary Jal Shakti Deptt J&K
- Executive Engineer CCD Ujh / Sewa for information and follow up



Boulevard Road, Near Lalit Grand Palace, Srinagar  
190001 Tel/Fax No: 0194-2501069 (May-October)  
Manda - Hills (Near Ashoka Hotel) Jammu - 180009,  
Tel/Fax: 0191-2572570 (November-April).  
Email: jkwildlife76@gmail.com

GOVERNMENT OF JAMMU & KASHMIR  
OFFICE OF THE CHIEF WILDLIFE WARDEN

The Commissioner/ Secretary to Government,  
Forest, Environment & Ecology Department,  
Civil Secretariat, Jammu.

No:WLP/Tech/2020/132-32  
Dated: 11.09.2020.

Subject: Proposal for construction of Ujh multipurpose project, Jammu & Kashmir-  
regarding Wildlife clearance of portion of project falling in Eco-Sensitive Zone  
of Jasrota Wildlife Sanctuary.

Reference: MoEF&CC F.No. 6-48/2020WL Dated: 13.07.2020

Madam,

The subject matter was discussed and cleared in 15<sup>th</sup> meeting of the Standing Committee of State Board for Wildlife held on 18.10.2019 and subsequently submitted to Standing Committee of the National Board for Wildlife.

Further, the proposal was also cleared by the Standing Committee of the National Board for Wildlife in its 58<sup>th</sup> meeting held on 03.07.2020. The decision of the Standing Committee of the National for Wildlife is reproduced hereunder;

"The Member Secretary briefed the Standing Committee on the project for use of 4350 ha of land for the construction of 116m high concrete face rock fill dam across the river Ujh, a powerhouse of installed capacity 186 MW (3x6 MW) and powerhouse of 26 MW (1x2MW + 1x24 MW) and a barrage of 11.5 Km downstream of the dam. However, only a small portion of the right main canal (1200m) would be constructed as underground canal in the Eco-Sensitive Zone on the north side of sanctuary. The State Chief Wildlife Warden has recommended the proposal without any conditions.

After discussions, the Standing Committee decided to recommend the proposal and suggested that the Chief Wildlife Warden should take measures for protection of Wildlife such as rhesus monkey, porcupine etc in the area".

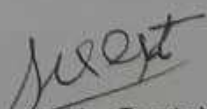
It is worthwhile to mention that the conditions have been laid down by Standing Committee of the State Board for Wildlife in its meeting mentioned above.

In view of above, it is requested that formal orders with respect to Wildlife clearance for "construction of Ujh multipurpose project, Jammu & Kashmir" (portion falling in Eco-Sensitive Zone of Jasrota Wildlife Sanctuary) may kindly be issued as

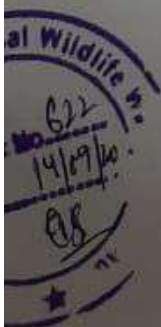
red by Standing Committee of National Board for Wildlife on the conditions laid down and the Standing Committee of the State Board for Wildlife as under;

- a) Since the Ujh river is the main source of water for the wildlife of Jasrota Wildlife Sanctuary, the User Agency will ensure that sufficient water must flow downstream after diverting into Left Main Canal and Right main Canal for sustenance of Wildlife throughout the year especially during the summer and dry winter season. As per User Agency, minimum agreed/ proposed flow in the river for maintaining ecology is 2.06 Cumec. Any violation in this regard will be the direct responsibility of User Agency and action under Wildlife Protection Act will be initiated against the User Agency for any loss of Wildlife due to scarcity of the water.
- b) The work on Right Main canal which passes through stretch of 1200 m into the proposed Eco-Sensitive Zone should be executed as per proposed alignment. The said alignment will be underground and passing through the forest area between Bhakta-Khad and Tarnah-Khad.
- c) Extraction or dumping of any construction material inside the sanctuary area shall not be allowed.
- d) All the rules and regulations as per the Wildlife Protection Act and directions from the Hon'ble Supreme Court may be adhered to strictly.
- e) The User Agency shall be responsible for obtaining requisite clearances under any other law in vogue.
- f) The Chief Wildlife Warden shall take measures for protection of Wildlife such as rhesus monkey, porcupine etc in the area.

Yours Faithfully,

  
(Suresh Kr. Gupta) IFS  
Chief Wildlife Warden,  
J&K, Government

Copy to the Regional Wildlife Warden, Jammu for information.



No: 2009/RWLWS Dated: 22-09-2020  
Copy forwarded to wildlife warden Kathua  
for inf and action  
Regional Wildlife Warden  
Jammu