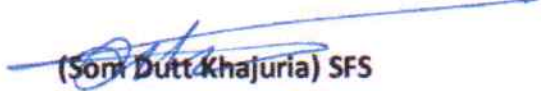


**Net Present Value (NPV) of Forest land proposed for diversion under Forest Conservation Act, 1980 in Samba Forest Division, Jammu & Kashmir for Ujh Multipurpose Project**

1	<b>Name of the project:</b>	Ujh Multipurpose Project			
2	<b>Name of the Forest Division</b>	Samba Forest Division			
3	<b>Number of Forest Compartments involved:</b>	01 (One)			
4	<b>Name of Forest Compartments involved:</b>	67//b/j			
5	<b>Total area of Forest land proposed for diversion:</b>	8.00 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>
7	<b>Rate of NPV of the Forest land to be diverted:</b>	III	Tropical Dry Deciduous Forests	VDF (0.7)	8,87,000/-
		(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/-	8.00	7096000/-
		TOTAL		8.00	<b>7096000/- (Rs Seventy Lakhs Ninety six Thousand only)</b>


  
**(Sonu Dutt Khajuria) SFS**  
**Divisional Forest Officer**  
**Kathua Forest Division**  
**Kathua**

Tentative Cost Abstract of timber/firewood extraction from trees coming in proposed Ujh MPP w.r.t. Samba Forest Division						Remarks
S. No.	Item of Work	Qty.	Rate (In Rs)	Unit	Amount (In Rupees)	
1	Enumeration of tree, poles etc.	3693	5.4	Per No.	19,942	
2	Marking of trees, poles etc.	3693	9.75	Per No.	36,007	
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	6792	105.57	Per qtl	7,17,058	
b	Weightage, loading, unloading, Depot handling and other misc.	6792	21.42	Per qtl	1,45,490	
Sub Total (3)					8,62,548	
4	Felling of 7 chir trees having timber value having 626 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.	142	105.57	Per qtl	15,035	
b	Weightage, loading, unloading, depot handling, other misc. charges	142	21.42	Per qtl	3,051	
Sub Total (4a & 4b)					18,085	
c	Out turn from felling for sawn timber @ 35% of total volume of Chir trees having timber value	219	3.21	Per cft	703	
d	Hand sawing under / odd sizes 25% of total volume	157	46.24	Per cft	7,237	
e	Hand sawing of standard sizes 10% of total volume	63	52.85	Per cft	3,308	
f	Off road transportation in forest through head load (d+e)	219	0.62	Paisa per cft per chain for 15 chain	2,038	
g	Pacca road transportation for 50 km average lead	219	0.22	Paisa per cft per km with 15% contractor profit	2,410	
h	Nikassi	219	0.94	Per cft	206	
i	Stacking	219	0.88	Per cft	193	
Sub Total (4c to 4i)					16,095	
5	Mechanical transportation of firewood for 50 km average lead	6935	Rs 1.90/- per qtls per km upto 40 kms, Rs 1.38/- per qtls per km beyond 40 km		6,22,733	

The estimate is prepared as per Govt. rate of 2016-17.


6	Watch & ward for 5 labour for 6 months	30	6750	Per month	2,02,500
	Cost Amount in Rs (1 to 7)				17,59,824
	Misc. & OH Charges @ L5				87,176
	Total Amount in Rupees payable by UA in Rs				18,47,000

(In Words- Eighteen Lakhs forty-seven thousand Only)

  
 Divisional Forest Officer  
 Samba Forest Division  
 Samba



Tentative Abstract of timber / firewood quantity (approx. ) estimate of trees coming in proposed Ujh MPP w.r.t. Samba Forest Division													
S.No.		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
1	Dia Class												
2	Expected Outturn (Qtl)	0.25	1	4	6	10	17	25	35	50	70	125	3686
3	Bl spp. Nos.	157	2483	1005	40	1							7
4	Chir Nos.				1		3	3					
5	Outturn of firewood for Bl (qtl)	39.25	2483	4020	240	10	0	0	0	0	0	0	6792.25
6	Out turn of firewood for Chir (qtl) for dia class <30 cm	0	0	0									0
7	Volume of Chir from Kullu Volume Table(cft)	0	0	0	17	40	78	125	172	219	247	264	
8	Total Volume of Chir (cft)	0	0	0	17	0	234	375	0	0	0	0	626
9	Out turn of firewood for Chir (cft) for dia class > 30 cm @ 65% of total volume				11	0	152	244	0	0	0	0	407
10	Out turn of firewood for Chir (qtl) for dia class >30 cm @ 65% of total volume				4	0	53	85	0	0	0	0	142
11	Total expected outturn of firewood (qtl)	39	2483	4020	244	10	53	85	0	0	0	0	6935
12	Total expected outturn of Timber (cft) @ 35% of total volume	0	0	0	5.95	0	81.9	131.25	0	0	0	0	219

  
 Divisional Forest Officer  
 Samba Forest Division  
 Samba

# TITLE OF PROJECT = UJH MULTIPURPOSE PROJECT

Proposal No. = FP/JK/HYD/44025/2020

## SITE INSPECTION REPORT

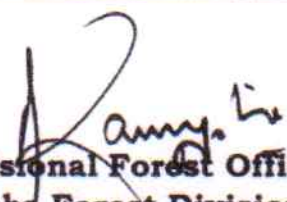
S. No.	Items	Observation and Remarks																												
1	Name of the Project and location (Range, Round, Beat)	Diversion of 8.00 ha. of forest land for non forest use from Cmpptt. 67/b/j Forest Range Samba of Samba Forest Division.																												
2	Name of User Agency	Chief Engineer CI & D Wing , JKSPDC																												
3	Date of Site Inspection	07-02-2020																												
4	Extent (ha) and legal status of Forest land proposed for diversion	8.00 ha.																												
5	a) Details of Forest land proposed for diversion and activity wise breakup of forest land.																													
	b) Density and Eco- value class																													
		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Name of village</th> <th rowspan="2">Items of work/purpose</th> <th colspan="4">Forest Land Required</th> </tr> <tr> <th>Compartment No.</th> <th>Length</th> <th>Area Sq. m.</th> <th>Ha.</th> </tr> </thead> <tbody> <tr> <td>Rai</td> <td>Ujh Canal</td> <td>67/b/j</td> <td>800mtr</td> <td>80,000</td> <td>8.00</td> </tr> <tr> <td colspan="4">Total area required for the project</td> <td></td> <td>8.00</td> </tr> <tr> <td colspan="6">Density - 0.7 and Eco- value class - V</td> </tr> </tbody> </table>	Name of village	Items of work/purpose	Forest Land Required				Compartment No.	Length	Area Sq. m.	Ha.	Rai	Ujh Canal	67/b/j	800mtr	80,000	8.00	Total area required for the project					8.00	Density - 0.7 and Eco- value class - V					
Name of village	Items of work/purpose	Forest Land Required																												
		Compartment No.	Length	Area Sq. m.	Ha.																									
Rai	Ujh Canal	67/b/j	800mtr	80,000	8.00																									
Total area required for the project					8.00																									
Density - 0.7 and Eco- value class - V																														
6	Whether the requirment of forest land as proposed by the User Agency in col. 2 of part - I is unavoidable and barest minimum for the project. If no, recommended area item - wise details of alternative examined.	Yes																												
7	Whether the proposal involves any construction of building ( including residential ) or not? If yes details thereof.	No																												
8	a) Whether forest area proposed for diversion is important from wildlife point of view or not.	No																												
	b) Detail of any rare or endangered or unique speices of flora and funa in proposed forest land. If so, the details thereof.	No																												
	c) Arial distance from nearest boundary of any portected Area (Km)	20.66 Km from Jasrota Wildlife santuary																												
	d) Remarks about sensitivity of the forest area likely to be affected due to project.	Proposed area is not sensitive																												
	e) Whether wildlife mitigation plan is required ? If yes, reasons thereof.	No																												
9	Details of vegetation:																													
	a) Total number of trees to be felled	17538																												
	b) Number of trees to be felled of girth below 60cm	16317																												
	c) Number of trees to be felled of girth above 60cm	1221																												



	d) Effect of removal of trees on the general ecosystem in the area.	
10	Back ground note on the proposal (Short Summary)	The Ujh Multipurpose Project is a national project which has been envisaged to utilise the water resource potential of river Ujh i.e. Tributary of River Ravi.
11	Whether the proposal involves any violation of Forest Conservation Act, 1980? If yes, a details report of violation including action taken against the concerned officials to be attached.	No
12	Whether the proposal involves rehabilitation of displaced person. If yes, whether rehabilitation plan has been approved by the State Government?	No
13	Details of catchment and cultivable command area under the project ( if applicable)	Not Applicable
	Status of catchment area treatment plan to prevent silation of reservior ( if applicable)	Not Applicable
14	Utility of the Project	Strategic importance in view of providing water in Kandi belt
15	Whether land being diverted has any socio- cultural / religious values? Whether any scared groves or very old growth trees / forests exist in the areas proposed for diversion.	No
16	Any other important information related to project ( Separate note may be attached, if required)	No
17	Details of documents and photographs enclosed:	Attached on page no. 3
18	Recommendation of the Inspecting officer (DCF)	The project may be accepted as per guidelines of Gol, as the forest land proposed for diversion is essentially require for construction of Canal to day to day needs of the people residing in Kandi belt of Samba especially drinking water requirement as well as meeting the irrigation demand of the area etc.

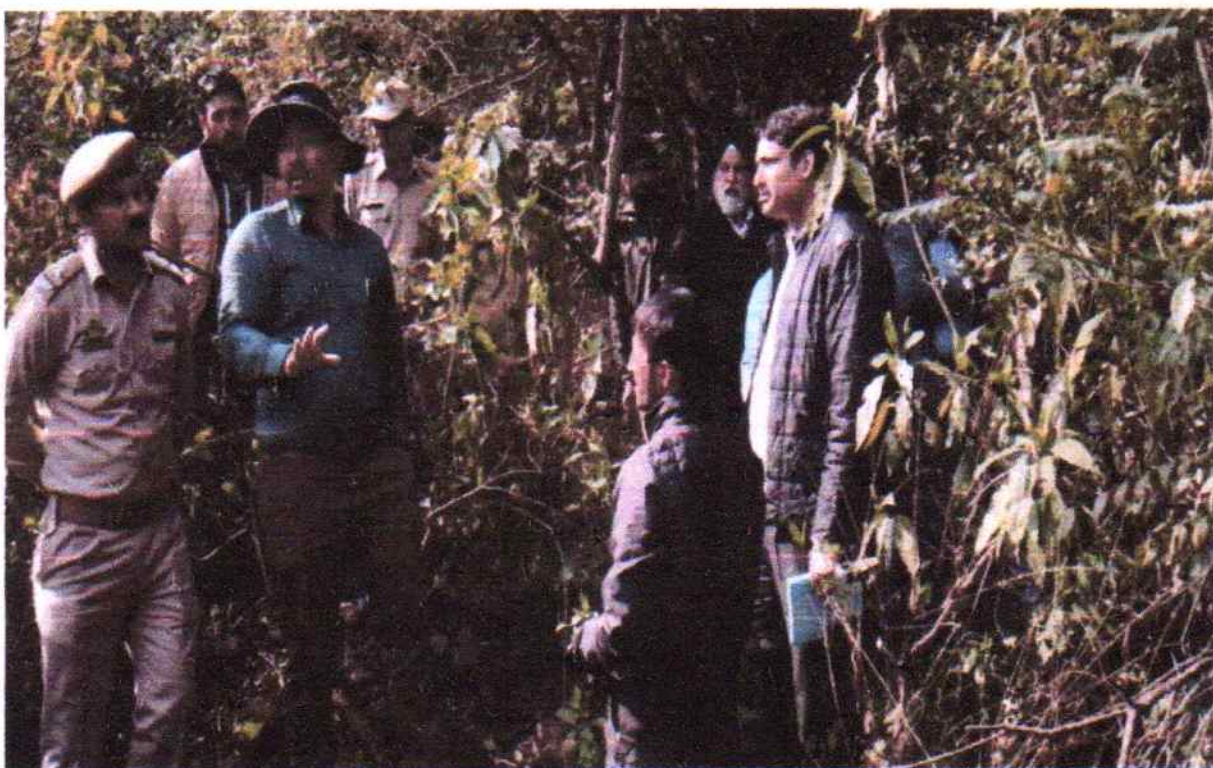
Place: **SAMBA**

Date: **19/06/20**

  
**Divisinal Forest Officer**  
**Samba Forest Division**  
**Samba**



Photographs of site inspection of forest area of Co. 67/ b/j proposed for diversion under Ujh Multipurpose Project by Divisional Forest Officer Samba alongwith CF East Circle Jammu and User agency



*Atto*  
Divisional Forest Officer  
Samba Forest Division

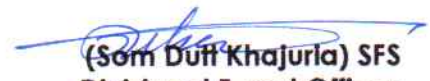


**RECOMMENDATION OF THE DIVISIONAL FOREST OFFICER, SAMBA**  
**FOREST DIVISION**

The Ujh Multiurpose project has been planned to utilize water resource potential of river Ujh, a tributary of River Ravi, which is one of the three eastern Rivers of Indus Basin system. The Project has been declared as a National Project as it allows India to utilize its share of Indus River system as per provisions of Indus Water Treaty between India and Pakistan. The project entails not only hydro-electric power generation in power-deficit region but also catering to the drinking water requirement as well as meeting the irrigation demand of the area, and thus, will pave the way for overall socio-economic development of the region. The project envisages construction of 116m high Concrete Face Rock-fill Dam (CFRD) across the river Ujh, a power house of installed capacity 186 MW and one toe power house of 26 MW and a barrage 11.5 km downstream of the dam. The irrigation benefits will comprise annual irrigation to area of 31380 ha. besides the drinking water supply to the *Kandi* region.

Besides providing the geo-political strategic advantage in the form of much more effective utilization of the water of Ujh River, which otherwise flows straightaway to Pakistan, the project will also unleash the agricultural potential of the otherwise barren *Kandi* area. It will also be a boon in the dry *Kandi* belt which is already reeling under the peril of the impending water crisis. Therefore, in view of the underlying urgency and the fact that the project has national strategic importance, the undersigned recommends that the Project may be granted the Stage-I or In-principle approval.

Place: Samba  
Dated: 23.10.2020

  
(Som Dutt Khajuria) SFS  
Divisional Forest Officer  
Samba Forest Division  
Samba



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: cecidjmu@gmail.com

No:-CE/CI&D/UJH/XI/2510-14  
Dated: 9/11 of Nov. 2020

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. [pccfikforest@gmail.com](mailto:pccfikforest@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

Chief Engineer, CI&D Wing, JKSPDC, Jammu

Official Seal

C/Signed  
Divisional Forest Officer  
Jammu Forest Division  
Samba

Full Title of the Project:- 196 MW UJH MULTIPURPOSE HYDEL PROJECT

File No:- FP/JK/HYD/44025/2020

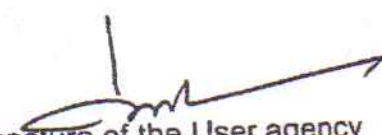
Date of proposal: 19-01-2020


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

It is to certify that i / we JKSPDC LTD. have applied for diversion of 680.10 ha. of forest area for the purpose of Const. of 196MW UJH 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

Dated: - 14-10-2020

  
Signature of the User agency  
Office of ~~Chief Engineer~~  
**Civil Investigation & Design V.**  
P.D.C. JAMMU.

  
Divisional Forest Officer  
Srinagar Forest Division  
Srinagar



Full Title of the Project:- 196 MW UJH MULTIPURPOSE HYDEL PROJECT  
File No:- EP/JK/HYD/44025/2020  
Date of proposal:- 19-01-2020

## UNDETAKING FOR PAYMENT OF COST OF COMPENSATORY AFFORESTATION

I/We JK.SPDC LTD. hereby undertake to pay entire amount  
for compensatory afforestation or any other cost in lieu of the forest area diverted for  
Constt. of 196 MW UJH MPP Kathua as per prevailing  
wage rates at the time of plantation.

Place: JAMMU  
Dated: - 14-10-2020

*C/signed*

*[Signature]*  
Divisional Forest Officer  
Jammu Forest Division  
Samba

*[Signature]*  
Chief Engineer  
Sign. & Seal of the Agency  
Office seal P.D.C. JAMMU.