

**PROPOSAL FOR THE DIVERSION OF 4.016 HECTARE
FOREST LAND**

**FOR THE CONSTRUCTION OF HURLA TOP SMALL
HYDRO ELECTRIC POWER PROJECT (3.50 MW)**

**VILLAGE & PO HURLA, TEHSIL BHUNTER, DISTT KULLU
WITH IN THE
JURIDICITION OF HURLA FOREST RANGE OF
PARVATI FOREST DIVISION, SHAMSHI, DISTT. KULLU,
HIMACHAL PRADESH**

**UNDER
FOREST CONSERVATION ACT 1980**

SUBMITTED BY:-

**M/S ASHAPURI HYDRO PRIVATE (P) LIMITED,
VPO HURLA, TEHSIL BHUNTER, DISTRICT
KULLU, H.P- 175125**

o/c

CHECK-LIST

OF

DOCUMENTS/INFORMATION REQUIRED FOR PROPOSAL FOR DIVERSION OF FOREST LAND FOR NON FORESTRY USE UNDER FOREST (CONSERVATION) ACT, 1980

FOR STAGE-I APPROVALS

I). Documents/Information Required for All Proposals

S.No.	Name of the Document (s)	Provided or Not	If not Provided Why?	Page Number
1	Check-list of the project proposal	Yes		1-7
2	Demand letter of the project authority/ applicant, if submitted.	Yes		8
3	Main application form from Part-I to V as prescribed in the Rules under the FCA with all its columns duly filled up and signed by the competent authority with date, place and official seal. All the information in Part-I of Form-A including item-wise breakup of the forest area required, must be given in the form itself by expanding the columns	Yes		9-17
4	Detailed note on the project. It must include the information regarding the number of villages and number of persons to be benefited from the project including employment generation.	Yes		18-19
5	Map of the project site/forest area required clearly showing forest boundaries and adjoining areas with their land use in distinct colours in 1:50000 or any suitable scale on original Survey of India topo sheet. If the area is very small, in addition to above, an index map may be submitted showing forest boundaries and a location map on a larger scale with land use of the area required duly signed by DFO/CF concerned.	Yes		20-21
6	Layout plan of project site approved by competent authority. In case of linear diversion of forest land, linear map or a diagrammatic map of the project site should be enclosed.	Yes		22-23
7	Statement showing the details of forest area involved i.e. Survey No. /Coupe No. /Compartment No., etc., and item-wise breakup of the forest area proposed for diversion duly signed by DFO (in the prescribed format).	Yes		24-25

8	Statement showing the details of non-forest area involved in the proposal (<i>in the prescribed format</i>).	Yes		26
9	Certificate from the Collector/Deputy Commissioner that no alternative suitable non-forest land is available for the project in question.	Yes		27
10	Justification for locating the project in forest area to be submitted by User Agency and countersigned by DFO.	Yes		28
11	Certificate for minimum use of forest land to be submitted by the User Agency, giving details of area and trees involved in the alternatives examined and reasons for their rejection duly countersigned by DFO (<i>in the prescribed format</i>).	Yes		29-38
12	Undertaking by the User Agency to bear the cost of compensatory afforestation duly countersigned by the DFO (<i>in the prescribed format</i>).	Yes		39
13	Undertaking by the User Agency to pay the Net Present Value (NPV) of the forest land involved duly countersigned by DFO (<i>in the prescribed format</i>).	Yes		40
	Undertaking by the User Agency to pay the Additional Net Present Value (NPV), if any, of the forest land involved duly countersigned by DFO (<i>in the prescribed format</i>) as decided at a later date as per the decision of the Supreme Court.	Yes		40
14	A certificate from the competent authority in the State in the prescribed (<i>vide MoEF letter No. 11-9/98-FC (pt.) dated 5th July 2013</i>) format that all forest rights under the Forest Rights Act, 2006 have been settled in respect of the forest area proposed for diversion, wherever applicable. In case, the process for settlement of rights under FRA has not been initiated, grant of stage-I approval under the FCA to the proposal will be considered only if a certificate from the competent authority concerned, clearly stating that the process for settlement of rights under the FRA has not been initiated along with evidences supporting that settlement of rights under the FRA will be initiated and completed before the final approval, is enclosed with the proposal (<i>vide F. No. 11-179/2012-FC Dated: December 20, 2013</i>).	Yes		41-51
15	Species-wise and girth class-wise enumeration list and abstract of trees (<i>abstract to be given at the end of the list</i>) standing on the forest area in question neatly typed or computerized and duly signed by DFO.	Yes		52-54

16	Site inspection report of the forest area involved in the project proposal by the DFO concerned or higher level forest officer in prescribed format (<i>in the prescribed format</i>).	Yes		55
17	Details of non forest land /degraded forest area identified for compensatory afforestation viz. Survey No./ Compartment No./Khasra No./Khatoni No., Village, Tehsil, District, etc., along with map in appropriate scale showing the boundaries of adjoining forest areas with their use in distinct colours (<i>in the prescribed format</i>).	Yes		56-58
18	Detailed scheme for compensatory afforestation on identified non forest area / degraded forest area, as the case may be, at prevalent wage rates duly signed by DFO and countersigned by the CF concerned. The CA scheme must include all the technical details, details of work schedule, total financial outlay and proposed monitoring mechanism (<i>in the prescribed format</i>).	Yes		59-64
19	Certificate from the DFO, that non-forest land selected for compensatory afforestation is in a compact block and contiguous to forest area or in close proximity of forest area and suitable from the management and protection point of view.		NA	
20	Suitability certificate from the Divisional Forest Officer that the land identified for compensatory afforestation is suitable for raising plantation (<i>in the prescribed format</i>).	Yes		66
21	Certificate from the Chief Secretary regarding non-availability of non-forest land in the state for raising compensatory afforestation, wherever applicable. This certificate will be based on the certificate signed by the DFO and Deputy Commissioner/Collector of the district concerned about non-availability of such non-forest land.	Yes		67
22	In case of proposal which requires entry/exit through Protected Forest strips along roads/railway lines/canals, the following information/documents must be given :- a) No Objection Certificate (NOC) of the land owning agency i.e. NHAI/PWD, Railways or Canal/ Irrigation Department b) Change of Land Use certificate from Town and Country Planning/ any other competent authority.		NA	
23	For the projects involving forest land for construction of buildings/right of way for buildings, the built-up area, details of DG sets to be installed, and raw materials to be used (<i>in</i>		NA	

	case of industries) should be clearly mentioned.			
24	Status of clearance under Environment (Protection) Act, 1986, wherever required.		NA	
25	NOC of the State Pollution Control Board for establishment of the project, wherever required.		NA	
26	Detailed scheme for rehabilitation of project affected persons, wherever required.		NA	
27	Detailed Catchment Area Treatment Plan, wherever required. The CAT Plan should be prepared on the basis of actual survey of area and its classification in various categories requiring different engineering/ afforestation and other treatments in phased manner.		NA	
28	Detailed Reclamation Plan, wherever required. It should be realistic exhaustive and complete in all respects along with relevant maps in distinct colours. It should also include the details of back fillings, afforestation and execution of such works, wherever required.	Yes		68-78
29	Cost benefit analysis as per the guidelines issued under forest (Conservation) Act, 1980 in prescribed format, wherever required.		NA	
30	Any other information/documents necessary for giving clarifications on the project, may be specified and attached. i) Joint Inspection report ii) Bill of NPV iii) Bill of trees iv) Undertakings v) Revenue papers	Yes Yes Yes Yes Yes		79 80 81 82-89 90-94
II Documents/Information Required for Proposals for Roads, Railway Lines, Canals and Transmission Lines				
31	The following information/documents must be given :- a) Length and width of Road/Railway line/ Canal/ Transmission line passing through forest and non forest area. b) In case of expansion of already existing road/railway line/canal, linear plan clearly showing in distinct colours the already existing road (from beginning to end), the width of the proposed road/railway line/canal to be expanded, and the remaining width of the Protect Forest strip, if any, which would be left after expansion. c) In case of transmission line, the following details may also be given :- i) Number of towers to be erected both in forest and non forest area. ii) Width of the right of way for transmission line.	Yes Yes		95 96-101

III	Documents/Information Required for Proposals for Hydro Electric Projects			
32	The following information/document must be given :- a) Component-wise total area requirement b) Copy of Memorandum of Understanding c) Copy of Techno-Economic Clearance d) Copy of Implementation Agreement e) NOC from Irrigation and Public Health Department f) NOC from Fisheries Department g) Authorization to the applicant by the Project Authority	Yes Yes Yes Yes Yes Yes Yes		102-103 104 105-112 113-126 127-128 129 130

IV	Documents/Information Required for Proposals for Mining			
33	The following information/documents must be given :- I New Proposals a) Certificate from the competent authority like District Mining Officer/Geologist, regarding non-availability of the same mineral/ore in the nearly non-forest area. b) Estimated reserve of each mineral/ore in the forest area and non-forest area. c) Total area demanded and extent of forest area involved in the proposed mining lease shown in distinct colours on relevant maps d) Proposed period of mining lease. e) Minimum distance of the proposed site from Wildlife Sanctuary and National Park. f) A copy of the mining plan duly approved by IBM, Nagpur. g) Phased reclamation plan of the project area. h) Copy of lease deed/agreement entered into with the district authorities. i) The details of Safety Zone Area for the mining as per para 4.7 of the guidelines. The undertaking from the		NA	

	project authority to bear the cost of fencing of safety zone area and afforestation over one and half times of degraded forest area. The details of safety zone to be ascertained by the competent authority viz. Indian Bureau of Mines/ Deptt., of Geology and Mining of the State Government. II) In case of renewal of Mining Lease a) A brief profile of the lessee/ company should be submitted giving details of their existing mining leases in the State with their capacity of production, the present level of average annual production, location of these pits and the status of reclamation of forest land that are exhausted of minerals. b) Complete details of existing or proposed leases in that particular forest area with their present status should be indicated on the Survey of India Topo-sheet in appropriate scale c) The State Government shall forward the complete proposal to the RO/MoEF at least six months prior to the expiry of the existing lease. In case of any delay, a details report elaborating the causes of delay shall be forwarded along with the proposal. d) A resolution of Gram Panchayat/ Local Body of the area endorsing the proposal that the project is in the interest of the people living in and around the proposed forest land.		NA	
			NA	
			NA	
			NA	

V Documents/Information Required for Proposals for Retail Outlets of an Oil Companies				
34	<i>The following information/ documents must be given :-</i> a) Copy of letter of intent issued by the oil Company. b) Site selection certificate as per Govt. of India guidelines. The DFO should certify the distance between two retail outlets on either side of the outlet in question.		NA	
			NA	

	c) Layout plan showing dimensions of proposed approach road for entry and exit with clear area calculations.		NA	
	d) Map clearly indicating the directions of the road leading from....to.....		NA	
	e) The area calculations for the curves should invariably be given in the layout plan.		NA	
	f) NOC from NHAI/PWD/Urban or local body		NA	
	g) NOC from Town and Country Planning/ local body		NA	
	h) Certificate by User Agency to the effect that no High Tension line passing above the proposed site duly countersigned by DFO		NA	
	i) A Certificate by User Agency to the effect that no LP Gas godown is located near the proposed site duly countersigned by DFO		NA	

Date: 07-09-19
Place: Shamshi

th
Divisional Forests Officer
Parvati Forest Division
Office Seal
SHAMSHI

Countersigned by



M/s. Ashapuri Hydro Powers Pvt. Ltd.

CIN : U40101HP2007PTC030646

Village Tharas P.O. Hurla Tehsil Bhuntar Distt. Kullu (H.P.) -175125

Ref. No.

Dated 24/03/18

To

The Sub- Divisional Officer ©
Kullu , Distt. Kullu H.P.

Subject:- Regarding joint inspection of Hurla Top (3.50MW) SHEP
Under FCA ,1980- fixation of date for joint inspection thereof.

Sir,

Most respectfully , it is submitted Govt. of HP has allotted Hurla Top (3.50 MW) SHEP project in favour of our Firm. Now we intend to process the proposal of forestland under FCA , 1980 to obtained the necessary approval from the competent authority. Hence the site is required to be inspected jointly be the Revenue staff, Forest and User Agency , so that further precess be started . Copy of allotment letter , Toposheet map, Survey Sheet and lay out plan & revenue papers are attached herewith for ready reference.

It is therefore requested that suitable date for joint inspection may kindly be fixed and conveyed to us at the earliest please.

Thanking you.

Yours faithfully,

For Ashapuri Hydro Power Pvt. Ltd.

Date:-.....

Copy to:-

1) Director, Himurja Bhawan, kasumpti Shimla

2) D.FO Parvati for information and further necessary action please


Director


Received
24/3/18

Full Title of Project: Diversion of **4.016Ha** of Forest land for Construction of Hurla Top SHEP 3.50MW, Sub division - Kullu under Parvati Forest Division of Distt. Kullu (H.P.)

File No:

Date of Proposal:

Form 'A'

Form for seeking prior approval under section 2 of the proposals by state Government and other authorities.

PART-I (To be filled up by user agency)

1	Project details:-	
(i)	Short narrative of the proposal and project/scheme for which the forestland is required.	Diversion of 4.016Ha of Forest land for Construction of Hurla Top SHEP 3.50MW, Sub division - Kullu under Parvati Forest Division of Distt. Kullu (H.P.)
(ii)	Map showing the required forest land, boundary of adjoining forest on a 1:50,000 scale map	Attached <i>at page -20-21</i>
(iii)	Cost of the project	Approx.2169.43/-Lacs
(iv)	Justification for locating the project in the forest area.	There is no other alternative for approach of 4.016Ha . Of Forest land for Construction of Hurla Top SHEP 3.50MW, Sub. Division - Kullu under Parvati Forest Division of Distt. Kullu (H.P.)
(v)	Cost benefit analysis(to enclosed)	Yes (Attached)
(vi)	Employment likely to be generated	Men days.(two Years) During Construction:- Project Engineer - 01 Civil/Electrical - 03 Mechanical Engineer - 01 Trained Supervisors - 05 Other Allied staff - 05 Skilled - 60 Unskilled - 75 Total = 150 During Operation(Up to 40 Years) Engineer/ Non Engineer = 15 No's Approx. 150 Person
2	Purpose-wise break-up of the total land required.	Yes (Attached) — <i>102-103</i>
3	Details of displacement of people due to the project, if any:	NA (Run of River scheme)

(i)	Number of families	NA
(ii)	Number of scheduled castes/scheduled Tribe families	NA
(iii)	Rehabilitation plan(to be enclose)	NA (Run of River scheme)
4	Whether clearance under Environment (Protection) Act, 1986 required?(yes/No).	NA (Not required upto 25MW)
5	Undertaking to bear the cost of raising and maintenance of compensatory afforestation and/or penal compensatory afforestation as well as cost for protection and regeneration of safety Zone etc as per the scheme prepared by the state government(undertaking to be closed)	Attached <i>at page - 39-40.</i>
6	Detail of certificates/documents enclosed as required under the instructions.	1. Project map 2. Compensatory Afforestation scheme & map 3. Site inspection by DFO.

Place:

Date:

State Serial No. of proposal:

For Aashapuri Hydro Power Pvt. Ltd.
[Signature]
Director

Director

Ashapuri Hydro Powers Private Limited
Hurli Top SHEP

Countersigned By :-

Range Forest Officer
Forest Range Hurli
at Bhui

Divisional Forest Officer
Parvati Forest Division
Distt Kullu H.P.

Full title of the Project:- Construction of Hurla Top (3.50 MW) Small Hydro Electric Power Project

File No. : _____

Date of proposal: _____

PART-II (To be filled by the concerned Deputy Conservator of Forest) State Serial No. of Proposal		
7.	Location of the Project/Scheme	
	i) State/Union Territory	Himachal Pradesh
	ii) District	Kullu
	iii) Forest Division	Prabati Forest Division Shamshi, Distt. Kullu
	iv) Are of Forestland proposed for diversion (in hac.)	4.016 ha forestland of Jhuni Beat of Hurla Forest Range.
	v) Legal status of forest	R/11Hamkadhar, C-II (RF) of Jhuni Beat of Hurla Forest Range.
	vi) Density of vegetation	Total number of trees involved in the forestland are 21 trees of various species as such the density in terms of numbers is App. 0.001.
	vii) Species wise (scientific names) and diameter class wise enumeration of trees (to be enclosed) in case of irrigation/hydel projects enumeration at FRL, FRL-2 meter and FRL-r meter also to be enclosed.	The detailed enumeration list of the trees is enclosed at Pages <u>52-59</u>
	viii) Brief note on vulnerability of the forest area erosion.	The area is stable and is currently free from erosion. Underlying rocks seems hard and the soil depth is not much. Aspect of the slope is generally south-western. Vulnerability of forest area to erosion is insignificant.
	ix) Approximate distance of proposed site for diversion from boundary of forest.	Proposed diversion site is located in R/11 Hamkadhar (RF) Forest of Hurla Forest Range.

	x) Whether forms part of national park, wildlife sanctuary, biosphere, reserve, tiger reserve, elephant corridor etc. (it so the detail of the area and comments of the Chief Wildlife warden to be annexed)	The area does not form part of any protection area listed here or otherwise. In fact the area falls under the jurisdiction of Parvati Forest Division, Shamshi.
	xi) Whether any rare/ endangered/unique species to flora and fauna found in the area ? If so detail thereof.	No rare/ endangered or unique species of flora and fauna have been reported from the area.
	xii) Whether any protected archaeological/heritage site /defence establishment or any other important monument is located in the area? If so the detail thereof with NOC from competent authority if required.	There is no archaeological/ heritage site/ defense establishment or any other important monument located in the area.
8.	Whether the requirement 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 with details of alternatives examined.	The requirement of the forestland is unavoidable. During site and joint inspection requirement of forestland has been ensured to be barest minimum.
9.	Whether any work in violation of the act has been carried out ? If yes, detail of the same including period of work done, action taken on erring officials, whether work in violation is still in progress?	No work has been started on this forestland as yet.
10.	Detail of compensatory of afforestation scheme i) Detail of non-forest area/degraded forest area identified for compensatory	The Compensatory Afforestation is proposed to be done over 8.032 ha at 1/32 Shillaghar, Forest of Jhuni Beat of Hurla Forest Range. The detail Compensatory Afforestation scheme has been attached at Page -59-64

	afforestation, its distance from adjoining forest, number of patches, size of each patch	
	ii) Map showing non forest degraded forest area identified for compensatory afforestation and adjoining forest boundaries.	Attached at Page- 56-58
	iii) Detailed compensatory afforestation scheme including species to be planted implementing agency time schedule, cost structure etc.	Detailed Scheme attached at Pages - 59-64
	iv) Total financial outlay for compensatory afforestation scheme.	The Financial outlay for raising plantation over 8.032 ha and its maintenance for ten years compensatory scheme comes out ₹18,41,840/- only will be payable to H.P. Forest Department.
	v) Certificates from competent authority regarding suitability of area identified for compensatory afforestation and from management point of view (to be signed by the concerned Deputy Conservator of Forest)	Certificate enclosed at Page- - 66
11.	Site inspection report of the DCF (to be enclosed) especially high lighting facts asked in Col. 7(ixxii) 8 and 9 above.	Enclosed at Page- 55
12.	Division/District Profile	
	i) Geographical area of the district	5,50,300 hac. (5503 Sq. Km.)
	ii) Forest area of the district Parvati Forest Division	4,95,200 hac. (As per H.P. Forest statistic 2005) 1,71,283 hac (As per working Plan of Kullu & Parvati by JS Walia).
	iii) Total forest area diverted since 1980 with number of cases.	64 cases = 483.955 hac.

	iv) Total compensatory afforestation stipulated in the district/division since 1980 on.	C.A. including penal compensatory afforestation 865.79 hac.
	(a) Forest land including penal compensatory afforestation.	865.79 hac.
	(b) Non forest land	Nil
	v) Progress of compensatory afforestation as on date 30.06.2019.	865.79 ha
	(a) Forest Land	865.79 ha
	(b) Non Forest Land	Nil
13.	Specific recommendations of the DCF for acceptance of otherwise of the proposal with reasons.	The proposal is recommended, for diversion of 4.016 ha of forestland under FCA, 1980 for construction of 3.50 MW Hurla Top Small Hydro Electric Power Project as the forest area involved in the proposal is unavoidable and barest minimum. The user agency i.e M/S Ashapuri Hydro Power Private (P) Limited, VPO Hurla, Distt. Kullu, HP-175125 has also given undertaking through its Authorized Signatory to pay the amount of Compensatory Afforestation (CA), Net Present Value (NPV) etc.

Date : 07-09-19
Place: Shamshi Distt. Kullu H.P.


(Angel Chauhan), HPFS
Divisional Forest Officer
Parvati Forest Division, Shamshi.
SHAMSHI

_FORM – ‘A’**FORM FOR SEEKING PRIOR APPROVAL UNDER SECTION 2 OF THE
PROPOSALS BY THE STATE GOVERNMENT AND OTHER AUTHORITIES****PART-III****(TO BE FILLED UP BY THE CONCERNED CONSERVATOR OF FORESTS)**

S. No.		
	Whether Site, where the forest land involved is located has been inspected by concerned Conservator of Forests (Yes/No). If yes, the date of inspection and observations made in form of inspection note to be enclosed.	
	Whether the concerned Conservator of Forests agree with the information given in Part II and the recommendations of Deputy Conservator of Forests.	
	Specific recommendation of concerned Conservator of Forests for acceptance or other wise of the proposal with detailed reasons.	

Date:

Signature:

Place:

Name:

Official Seal

FORM – 'A'**FORM FOR SEEKING PRIOR APPROVAL UNDER SECTION 2 OF THE
PROPOSALS BY THE STATE GOVERNMENT AND OTHER AUTHORITIES****PART-IV****(TO BE FILLED UP BY THE NODAL OFFICER OR PRINCIPAL CHIEF
CONSERVATOR OF****FORESTS OR HEAD OF FOREST DEPARTMENT)**

S. No.		
	Detailed opinion and specific recommendation of the State Forest Department for acceptance or otherwise of the proposal with remarks. (while giving opinion, the adverse comments made by the Conservator of Forests or Deputy Conservator of Forests should be categorically reviewed and critically commented upon)	

Date:

Signature:

Place:

Name:

Official Seal

FORM – 'A'**FORM FOR SEEKING PRIOR APPROVAL UNDER SECTION 2 OF THE
PROPOSALS BY THE STATE GOVERNMENT AND OTHER AUTHORITIES****PART-V****(TO BE FILLED UP BY THE SECRETARY IN CHARGE OF FOREST
DEPARTMENT OR BY ANY****OTHER AUTHORISED OFFICER OF THE STATE GOVERNMENT NOT BELOW
THE RANK OF AN****UNDER SECRETARY)**

S. No.		
	Recommendation of the State Government: (Adverse comments made by any officer or authority in Part-B or Part-C or Part-D above should be specifically commented upon)	

Date:

Signature:

Place:

Name:

Official Seal

NOTE ON THE PROJECT

The Hurla Top Small Hydro Power Project (3.50 MW) is a run of the river scheme for production of hydro power on Hamka Nallah (Hurla Nallah), a tributary of river Beas. Power project of Hurla Top Small Hydro Power Project (3.50 MW) is located approx. 55km from District headquarter of Kullu. The power house of Hurla Top Small Hydro Power Project (3.50 MW) is located on right bank of Hamka Nallah. The Project site lies between latitude $31^{\circ}52'59.6''$ to $77^{\circ}21'57.78''$ North longitude $31^{\circ}53'-12.84''$ to $77^{\circ}20'-50.03''$ (at weir to powerhouse) East between the altitude of ± 2458 and ± 2240 .

The project envisages utilization of the net head of 218 and design discharge of 2.2 cums to generate 3.50MW of power. The discharge will be diverted through a trench weir diversion structure from Hamka Nallah(Hurla Nallah) and will be taken through a water conductor to desilting tank. The desilting tank associated with silt flushing arrangements will desilt water. Then this clear water after passing through intake structure will enter to the head race channel which is along the Right bank of the Hamka Nallah and will finally terminate into a forebay tank. A steel penstock emanating from the side wall of the forebay shall be placed into the trench excavated on the hill slopes over looking. The power house to feed the two Pelton Turbines kept inside power house located on a suitable terrace located on Hamka Nallah(Hurla Nallah) on its Right bank. The water after being utilized for generating power shall be diverted back into the Hamka Nallah through a Tail Race duct. The locations of all the components of the scheme have been selected in such a way that natural forest, hill and over all environment of the area is minimum disturbed.

The proposal also meets with requirement of the directions issued by the Nodal Officer-cum- CCF (FCA), o/o PR CCF, Himachal Pradesh Shimla, which requires transmission line for all the power projects in one river basin. In this proposal transmission line of the project leads to the 33KV Sub- Station Thella from where it goes evacuated to Bajaura.

Project nearby area has scattered and no populated villages from weir site to power house. During peak nearly 150 labours and 10 skilled men power is required in the project. Most of the requirement would be satisfied through the nearby village as per their interest/skill.

As per project implementation agreement with Govt. Of Himachal Pradesh, an amount Rs.21.69 Lacs has to be deposited to the Deputy Commission Kullu as local Area Development Fund. This amount would be spent in various development works of the project affected area.

For Aashapuri Hydro Power Pvt. Ltd

For Aashapuri Hydro Power Pvt. Ltd

 Director

Project Objectives:-

In Himachal Pradesh quite a few mini and micro hydro power stations were installed during the pre- independence era. But the thereafter greater emphasis was placed on larger projects so the small ones were neglected to a certain extent.

This has been contemplated over the Hamka Nallah to generate 3.50 MW of power. It is proposed to supply this power HPSEB grid. This power can be used locally which will avoid long transmission losses and ensure uninterrupted and assured supply to the local population.

Role of Himurja:-

The Himachal Pradesh Government has entrusted the implementation of small hydro power plants up to 5 MW to Himurja under the administrative control of state science and technology department. This organization made wide publicity to invite private sector participation in the field of small hydro power generation at 137 potential sites in the first phase and 319 sites in the second phase for capacities from 100 KW to 5 MW.

For M/s Ashapuri Hydro Power Private Limited

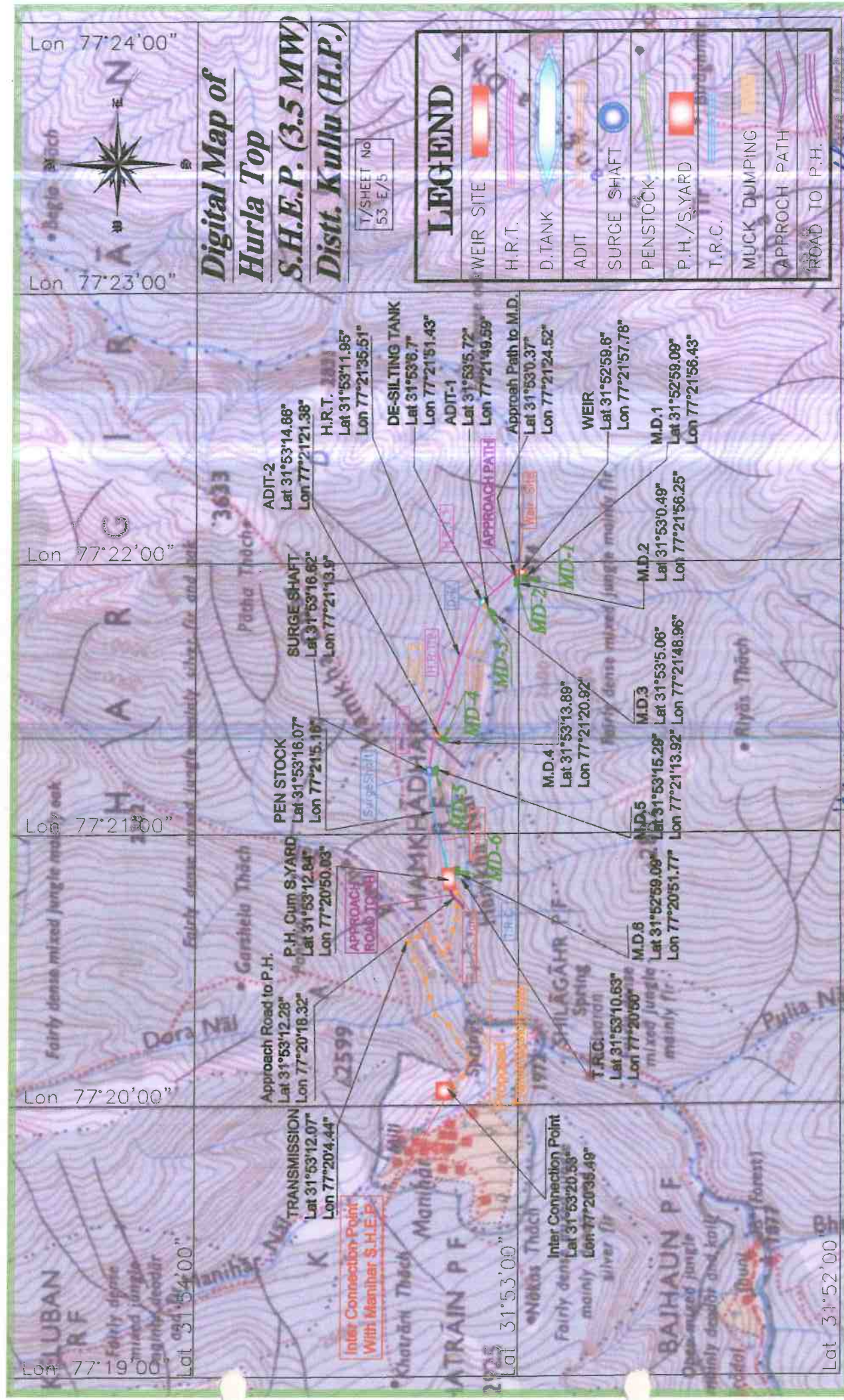
Authorized Signatory

Director

DIVISIONAL FOREST OFFICER
PARVATI FOREST DIVISION
SHAMSHI

Range Forest Officer
Forest Range Hurta
at Bhuin

DIVISIONAL FOREST OFFICER
PARVATI FOREST DIVISION
SHAMSHI

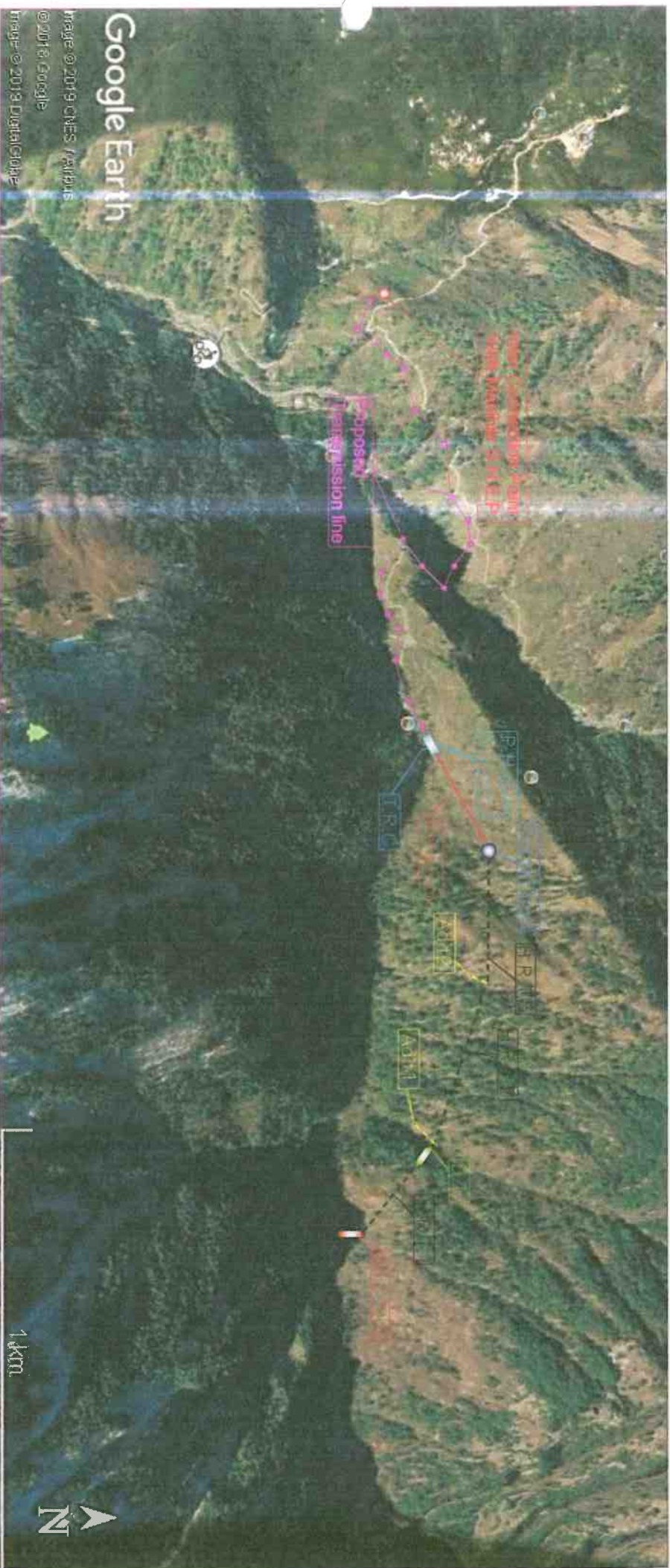


DIVISIONAL FOREST OFFICER
PARVATI FOREST DIVISION
SHAMSH

For Aashapun Hydro Power Pvt. Ltd
Director

Range Forest Officer
Forest Range Hurla
at Bhuni

DIVISIONAL FOREST OFFICER
PARVATI FOREST DIVISION
SHAMSH



Layout Plan on Google Map Hurla Top S.H.E.P. (3.5 MW) Distt. Kullu (H.P.)



LEGEND	
WEIR SITE	
H.R.T.	
D.TANK	
ADIT	
SURGE SHAFT	
PENSTOCK	
P.H./S.YARD	
T.R.C.	
TRANSMISSION LINE	

For Aashapuri Hydel Power Project

Director

DIVISIONAL FOREST OFFICER
PARVATI FOREST DIVISION
SHANSHI

Range Forest Officer
Forest Range Hurla
at Bhaini

Topo Layout Plan of Hurla Top S.H.E.P. (3.5 MW) Dist. Kullu (H.P.)



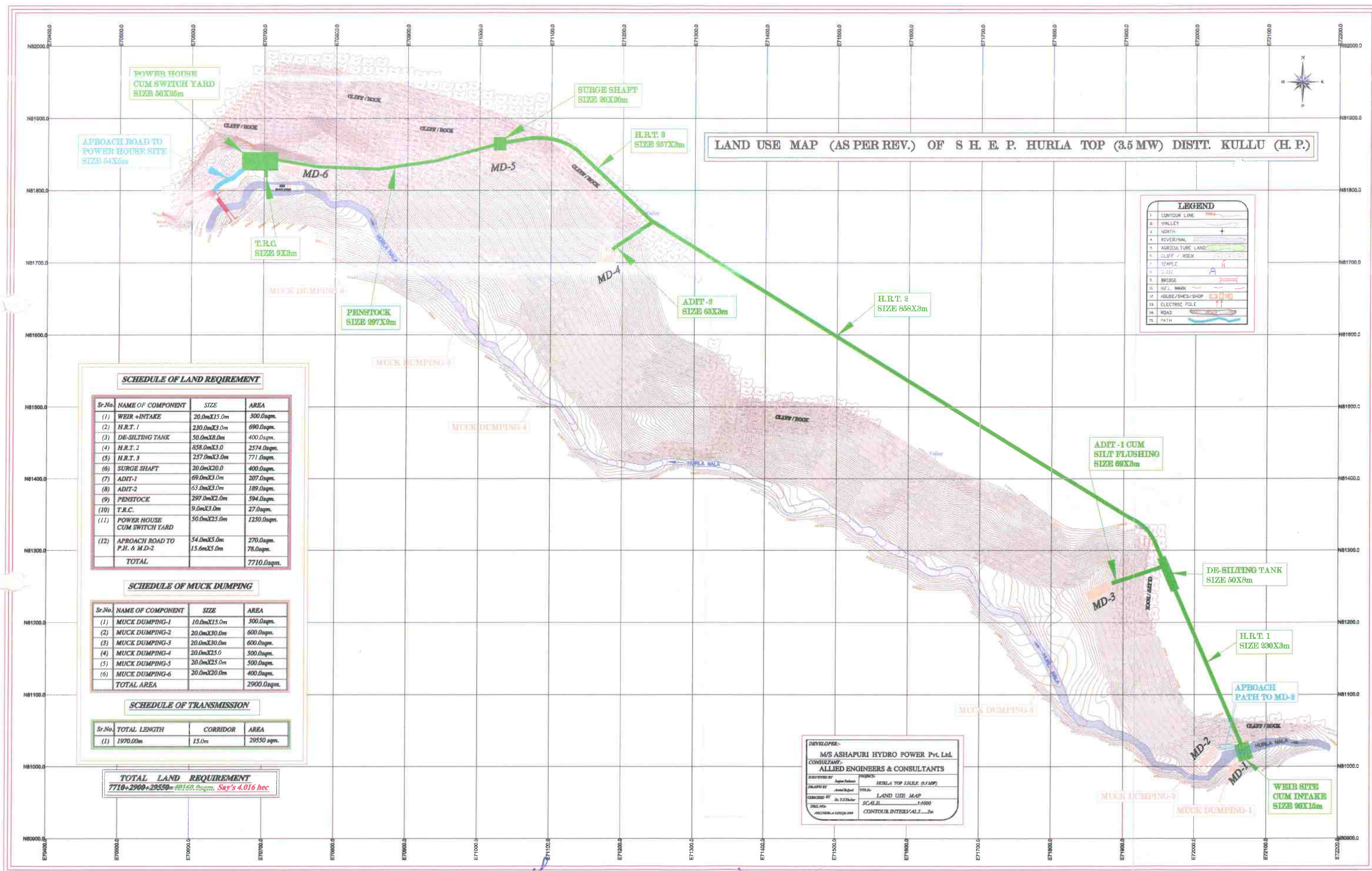
LEGEND	
WEIR SITE	
H.R.T.	
D. TANK	
ADIT	
SURGE SHAFT	
PENSTOCK	
P.H./S.YARD	
T.R.C.	
MUCK DUMPING	
TRANSMISSION LINE	
APPROACH ROAD	

Range Forest Officer
Forest Range Hurla
at Bhuiin

For Asst. Range Officer
Hurla Power Ppt. Ltd.

Director

DIVISIONAL FOREST OFFICER
PARVATI FOREST DIVISION
SHIMLA



For Ashapuri Hydro Power Pvt. Ltd.
[Signature]
Director

[Signature]
DIVISIONAL FOREST OFFICER
PARVATI FOREST DIVISION
SHAMSHI

[Signature]
Range Forest Officer
Forest Range Hurla
at Dhruin

Full Title of the Project: Hurla Top Hydro Power Project (3.50 MW)

File No. : _____

Date of Proposal: _____

CHECK LIST SERIAL NUMBER-07

**STATEMENT SHOWING DETAILS OF FOREST AREA
PROPOSED FOR DIVERSION**

S.No.	District	Division	Range/Tehsil/ Village	Khasra/ Survey or Compartment Number of Km. Stone	Forest Area proposed for Diversion (Ha.)	Legal status of Forest Area	Rem- arks
1	2	3	4	5	6	7	8
	Kullu	Parvati	Hurla/Bhuntar/ Manihar	53 E/5	4.016 hac.	R/11 Hamka Dhar C-II	-

Date: 07-09-19
Place: Shamshi

Range Forest Officer
Hurla Forest Range.
Forest Range Hurla
at Bhuin

Divisional Forest Officer
Parvati Forest Division, Shamshi, Kullu
Office Seal

For Ashapuri Hydro Power Pvt. Ltd.
Authorized Signatory,
M/s Ashapuri Hydro Power Pvt. Ltd.

**STATEMENT SHOWING DETAILS OF FOREST AREA PROPOSED FOR DIVERSION FOR CONSTRUCTION OF HURLA TOP
SMALL HYDRO POWER PROJECT (3.50 MW) IN HURLA FOREST RANGE, PARVATI FOREST DIVISION, SHAMSHI, DISTRICT
KULLU (H.P)**

Sr.No.	District	Divison	Range	Tehsil	Up Mohal	Tukda no.	Forest area	Legal status	Remarks
1	Kullu	Parvati	Hurla	Bhuntar	Fati parli kothi kotkandi	1	00-07-00	As Per Attached Field Book	Weir Site
2	Kullu	Parvati	Hurla	Bhuntar	Fati parli kothi kotkandi	2	00-03-17		Muck Dumping-I
3	Kullu	Parvati	Hurla	Bhuntar	Fati parli kothi kotkandi	3	00-01-15		Sampark Marg
4	Kullu	Parvati	Hurla	Bhuntar	Fati parli kothi kotkandi	4	00-14-14		Muck Dumping-II
5	Kullu	Parvati	Hurla	Bhuntar	Fati parli kothi kotkandi	5	00-16-04		Underground Water Chennai
6	Kullu	Parvati	Hurla	Bhuntar	Fati parli kothi kotkandi	6	00-10-10		Desilting Tank
7	Kullu	Parvati	Hurla	Bhuntar	Fati parli kothi kotkandi	7	00-04-18		Adit-II
8	Kullu	Parvati	Hurla	Bhuntar	Fati parli kothi kotkandi	8	00-14-14		Muck Dumping-III
9	Kullu	Parvati	Hurla	Bhuntar	Fati parli kothi kotkandi	9	03-18-10		Underground Water Chennai
10	Kullu	Parvati	Hurla	Bhuntar	Fati parli kothi kotkandi	10	00-04-08		Adit-II
11	Kullu	Parvati	Hurla	Bhuntar	Fati parli kothi kotkandi	11	00-12-12		Muck Dumping-IV
12	Kullu	Parvati	Hurla	Bhuntar	Fati parli kothi kotkandi	12	00-09-16		surg Shaft
13	Kullu	Parvati	Hurla	Bhuntar	Fati parli kothi kotkandi	13	00-12-12		Muck Dumping-V
14	Kullu	Parvati	Hurla	Bhuntar	Fati parli kothi kotkandi	14	01-00-18		Penstock
15	Kullu	Parvati	Hurla	Bhuntar	Fati parli kothi kotkandi	15	01-11-10		Power House and switchyard
16	Kullu	Parvati	Hurla	Bhuntar	Fati parli kothi kotkandi	16	00-00-18		Tale Race
17	Kullu	Parvati	Hurla	Bhuntar	Fati parli kothi kotkandi	17	00-09-16		Muck Dumping-VI
18	Kullu	Parvati	Hurla	Bhuntar	Fati parli kothi kotkandi	18	00-07-16		Road to Poerhouse
19	Kullu	Parvati	Hurla	Bhuntar	Fati parli kothi kotkandi	1	36-10-11		Transmission Line
Total							49-13-09		
						Area In Hectares	=	4.016	

Dated :- 07-09-19

Place:- Shamshi

For Authorised Signatory M/s Ashapuri Hydro
Powers Private Limited
Director

Range Forest Officer
Hurla Forest Range
Parvati Range Hurla
at Shimla

Divisional Forest Officer
Parvati Division
Forest Division,
Shamshi

Full Title of the Project: Hurla Top Hydro Power Project (3.50 MW)

File No. : _____

Date of Proposal: _____

CHECK LIST SERIAL NUMBER-08

**STATEMENT SHOWING DETAILS OF NON-FOREST AREA
INVOLVED IN THE PROPOSAL**

S.No.	District	Division	Range/Tehsil /Village	Khasra/ Survey or Compartment Number of Km. Stone	Non Forest Area involved in the proposal (Ha.)	Present land Use	Remarks
1	2	3	4	5	6	7	8
1.	Kullu	Parvati	Hurla/Bhunt ar/ Manihar	NIL	NIL	NIL	

Place:. Shamshi

Date:.....07-09-19.....

For Aashapuri Hydro Power Project
Signature of User Agency
Office Seal **Director**

Forwarded by :-

Range Forest Officer,
Hurla Forest Range.
at Bhuin

Divisional Forests Officer,
Parvati Forest Division, Shamshi, Kullu.
Office Seal
PARVATI FOREST DIVISION
SHAMSHI

कार्यालय उपायुक्त कुल्लू जिला कुल्लू हिमाचल प्रदेश ।
अनुपलब्धता प्रमाण पत्र

M/s Ashapuri Hydro Powers Pvt. Ltd. village Tharas P.O Hurla Tehsil Bhuntar Distt. Kullu (HP) के पत्र संख्या Ashapuri/HurlaTop/HEP/DC/KUL/18-01 दिनांक 09-07-2018 के सम्बन्ध में संलग्न निरीक्षण रिपोर्ट दिनांक 22-06-2018 सहित for the construction of Hurla Top (3.50 MW) Small Hydro Electric Power Project on Hamka Nallah situated in Tehsil Bhuntar Distt. Kullu, (HP) हेतु प्रस्तावित वन भूमि कुल रकबा तादादी 4.016 हैक्टेयर, के हस्तान्तरण बारे अनुपलब्धता प्रमाण पत्र जारी करने का अनुरोध किया गया है। संयुक्त मौका निरीक्षण रिपोर्ट के अनुसार उपरोक्त प्रस्तावित वन भूमि न्यूनतम एवं अधिक उपयुक्त है तथा उपरोक्त प्रयोजन हेतु प्रस्तावित वन भूमि के अतिरिक्त अन्य भूमि उपलब्ध न है ।

अतः संयुक्त निरीक्षण रिपोर्ट के आधार पर प्रस्तावित वन भूमि कुल रकबा तादादी 4.016 हैक्टेयर, M/s Ashapuri Hydro Powers Pvt. Ltd. village Tharas P.O Hurla Tehsil Bhuntar Distt. Kullu (HP) को उपरोक्त प्रयोजन हेतु अनुपलब्धता प्रमाण पत्र जारी किया जाता है ।

हस्ताः/-

(यूनुस)

उपायुक्त कुल्लू।

पृष्ठांकन संख्या 577-579../ डी०आर०ए० दिनांक...14/03/2019.

प्रतिलिपी सेवा मे:-

1. वन मण्डल अधिकारी, पार्वती वन मण्डल शमशी जिला कुल्लू को प्रेषित कर अनुरोध है कि वन संरक्षण अधिनियम 1980 के अन्तर्गत केन्द्र सरकार के पर्यावरण एवं वन विभाग की अन्तिम स्वीकृति प्राप्त होने पर उसकी एक प्रतिलिपि आगामी आवश्यक कार्यवाही के लिए तुरन्त इस कार्यालय को प्रेषित करें ।
2. उप मण्डल अधिकारी (ना०) कुल्लू जिला कुल्लू को सूचनार्थ एवं आगामी आवश्यक कार्यवाही हेतु प्रेषित है ।
- ✓ M/s Ashapuri Hydro Powers Pvt. Ltd. village Tharas P.O Hurla Tehsil Bhuntar Distt. Kullu (HP) को उपरोक्त पत्र के सन्दर्भ में सूचनार्थ प्रेषित है।


(यूनुस)

उपायुक्त कुल्लू।

CHECK LIST NO. 10

JUSTIFICATION FOR LOCATING THE PROJECT IN FOREST AREA

The catchment area of stream above the diversion structure mainly comprises of forest land. The slope of stream for 1:20 to 1:60 which is an ideal condition for hydro power electric generation. The natural regime of the stream is not being disturbed as a raised crested weir with non over flow and over flow section has been proposed and the water after generation of electric power would be released back into the river.

No other viable alternative available for the project, so it has to be such be located into the forest land. Before finalizing this layout, three alternatives has been explored and one conveying minimum disturbance to the local population and forest area with minimum no. Of trees is selected, keeping in view the other technical parameters required for the construction of the project. The same has also been certified by the concerned Divisional Forest Officer and Sub- Divisional Officer (Civil) during the joint inspection of the project site on dated (certificate enclosed on page no. 77.)

Date 07-09-19.....

Place: Shamshi.....

For Ashapuri Hydro Power Pvt. Ltd
For Aashapuri Hydro Power Pvt. Ltd

(Authorized Signatory)

Range Forest Officer
Forest Range Hurta
at Bhuiin

DIVISIONAL FOREST OFFICER
PARVATI FOREST DIVISION
SHAMSHI

Full Title of the Project: Hurla Top Hydro Power Project (3.50 MW)

File No. : _____

Date of Proposal: _____

CHECK LIST SERIAL NUMBER-11

CERTIFICATE FOR MINIMUM USE OF FOREST LAND

This is to certify that the forest area involved in the proposal is unavoidable and barest minimum i.e. 4.016 ha. Which is proposed for diversion for the construction of Hurla Top Hydro Power Project (3.50 MW).

Place : Shamshi

Date : 07-09-19.....

For Aashapuri Hydro Power Pvt. Ltd.

Signature of User Agency
Office Seal

Countersigned -

Divisional Forests Officer
Parvati Forest Division, Shamshi, Kullu
Office Seal

Range Forest Officer
Hurla Forest Range.
Forest Range Hurla
at Bhui

Alternative Studies of Alignment with Respect To Hurula Top Small Hydro Power Project (3.50 MW)

HURLA TOP SMALL HYDRO ELECTRIC POWER PROJECT (3.50MW) has been proposed to be developed with the best combination of discharge and head. The project has been proposed on the left bank of the Hamaka Nallah. Reconnaissance survey was carried out on the right bank also but following disadvantages were noted on the Left Bank:-

1. Topography of the right bank is not suitable for the water conductor system. Slopes are fragile and unstable for construction of an open channel.
2. Head Race Channel, if constructed on the right bank, shall be much longer due to topographic set up of the project area.
3. On right bank, alignment of the power house was coming on a very steeply inclined slope of the hill and the geology of the power house area is not good.
4. With locations of Forebay & power house, the length of the power conductor would increase at least 2 times the length of the water conductor system on the right bank, thus implying additional cost of construction.
5. Permanent road is available (Garsa to Manihar-Hamka Nallah Road) up to the left bank of stream and no permanent road is available on the right bank of the stream. All the proposed components of the left bank scheme are easily approachable from this road. Only short stretches of additional project road would be required to reach the power house and dumping sites.
6. Topographic set up on the left bank of stream permits construction of TRT and Forebay for conveyance of water. The length of work out to be 1.79 km from the weir site up to the proposed Forebay location. The quality of rocks on which the Tunnel would be laid appears to be sound with minimum number of geological surprises.
7. Adequate space on the left bank is available immediately downstream of the proposed diversion weir location for sitting the intake, the delisting tank and a very good location is available for construction of inlet & outlet portals of the head race Tunnel.

Survey was carried out on the left bank and two alternatives other than proposed alignment were noted:-

Alternative -1

This alternative involves placing of diversion structure on the left bank of stream at an EL +/- 2458 mtr. Then the water will be conveyed through Head Race Tunnel of around 1795mtr respectively in the length up to Forebay. A surface penstock and surface power house has been proposed at an EL +/- 2240 mtr.

Feature Considered:-

- (i) All project components are laid on left bank of Hamka Nallah.

- (ii) Total forest land required is 4.016 hectare.
- (iii) 21 trees & no saplings are involved in this alignment.

Alternative-2

This alternate involves placing of diversion structure on left bank of stream at an EL +/- 2458 mtr. Then the water will be conveyed through an open channel of around 2695 mtr respectively in the length up to Forebay. A surface penstock and surface power house has been proposed at an EL +/- 2240 mtr.

Feature Considered:-

- (i) All project components are laid on left bank of Hamka Nallah.
- (ii) Total forest land required is 5.035 hectare.
- (iii) Total trees 32 & no saplings are involved in this alignment.

Alternative-3

This alternate involves placing of diversion structure on left bank of stream at an EL +/- 2458 mtr. Then the water will be conveyed through an open channel of around 865 respectively in the length up to Forebay. A surface penstock and surface power house has been proposed at an EL +/- 2240 mtr.

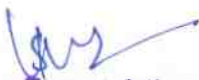
Feature Considered:-

- (i) All project components are laid on left bank of Hamka Nallah.
- (ii) Total forest land required is 4.9870 hectare.
- (iii) Total trees 61 & 242 saplings are involved in this alignment.
- (iv) The excessive no. Of green standing trees is coming in this alignment.

In view of the above, alternate -1 is suitable due to the following reasons:-

- (a) The entire alignment on the left bank.
- (b) Forest land required to the tune of 4.016 hac.
- (c) Minimum no. Of trees is coming under the whole scheme.

Keeping in view the above alternatives, the alternative -1 is most suitable and environment friendly and has to be finally adopted.


Range Forest Officer
Forest Range Huria
at Bruin

For Aashapuri Hydro Power Pvt. Ltd.


Director


DIVISIONAL FOREST OFFICER
PARVATI FOREST DIVISION
SHALISHI

32.

Sl. No.	Spp.	Botanical Name	Dia	Class	Volume	Remarks
	Local Name					
1	Rai	<i>Picea smithiana</i>	82-86	IC	8.49	Green standing
2	Rai	<i>Picea smithiana</i>	73-77	IB	7.08	Green standing
3	Rai	<i>Picea smithiana</i>	99-100	ID	9.34	Green standing
4	Tosh	<i>Abies pindrow</i>	92-95	ID	9.34	Green standing
5	Tosh	<i>Abies pindrow</i>	46-48	IIA	1.7	Green standing
6	Tosh	<i>Abies pindrow</i>	85-88	IC	8.49	Green standing
7	Mahun	<i>Corpinus spp.</i>	63-65	IA	4.0	Green standing
8	Shagdu	<i>Salix spp.</i>	52-53	IIB	2.4	Green standing
9	Sharodi	<i>salix species</i>	20-21	IV	0.4	Green standing
10	Ban	<i>Quercus semicarpifolia</i>	20-21	IV	0.3	Green standing
11	Tosh	<i>Abies pindrow</i>	31-32	III	0.85	Green standing
12	Sharodi	<i>salix species</i>	16-17	V	0.028	Green standing
13	Sharodi	<i>salix species</i>	20-21	IV	0.4	Green standing
14	Mandru	<i>Acer species</i>	29-30	IV	0.2	Green standing
15	Kharshu	<i>Quercus semicarpifolia</i>	10-11,	V	0.3	Green standing
16	Kharshu	<i>Quercus semicarpifolia</i>	11-12,	V	0.3	Green standing
17	Rai	<i>Picea smithiana</i>	86-89	IC	8.49	Green standing
18	Kail	<i>Pinus wallichaina</i>	45-48	IIA	1.9	Green standing
19	Kail	<i>Pinus wallichaina</i>	56-58	IIB	3	Green standing
20	Rai	<i>Picea smithiana</i>	75-78	IB	7.08	Green standing
21	Kharshu	<i>Quercus semicarpifolia</i>	11-12,	V	0.3	Green standing
22	Kharshu	<i>Quercus semicarpifolia</i>	12-13,	V	0.3	Green standing
23	Kharshu	<i>Quercus semicarpifolia</i>	14-15	V	0.3	Green standing
24	Tosh	<i>Abies pindrow</i>	56-59	IIB	3.11	Green standing
25	Tosh	<i>Abies pindrow</i>	65-68	IA	5.1	Green standing
26	Tosh	<i>Abies pindrow</i>	77-79	IB	7.08	Green standing
27	Rai	<i>Picea smithiana</i>	99-100	ID	9.34	Green standing
28	Rai	<i>Picea smithiana</i>	56-57	IIB	3.11	Green standing
29	Kharshu	<i>Quercus semicarpifolia</i>	14-15	V	0.3	Green standing
30	Rai	<i>Picea smithiana</i>	95-98	ID	9.34	Green standing
31	Rai	<i>Picea smithiana</i>	56-59	IIB	3.11	Green standing
32	Kail	<i>Pinus wallichaina</i>	46-49	IIA	1.9	Green standing

Maale - Led S/S Box
I/C Jhuni Beat

2191202

Range Officer
Forest Range Hurta
at Bhui

Authorised Sig.
User Agency

Directo

GENERAL ABSTRACT OF TREES/SAPLING COMING IN THE ALIGNMENT-II OF HURLA TOP SHEP(3.50MM) IN R/11HAKADHAR C-II FOREST , JHUNI
BEAT OF THELA BLOCK OF HURLA FOREST RANGE, OF PARVATI FOREST DIVISION, SHAMSHI

Sl. No.	Local Name	Botanical Name	Classes of Trees												TOTAL	
			V	IV	III	IIA	IIB	IA	IB	IC	ID	Trees	Vol.			
1	Kail	Pinus wallichiana	No.	0	0	0	2	1	0	0	0	0	3	0	6.8	
			Vol.	0	0	0	3.8	3	0	0	0	0	0	0		
			No.	0	0	0	0	2	0	2	2	3	9	0		
2	Rai	Picia smithiana	Vol.	0	0	0	0	6.22	0	14.16	16.98	28.02	0	65.38		
			No.	0	0	1	1	1	1	1	1	1	7	0		
3	Tosh	Abies pindrow	Vol.	0	0	0.85	1.7	3.11	5.1	7.08	8.49	9.34	0	34.82		
			No.	6	0	0	0	0	0	0	0	0	6	0		
4	Kharshu	Quercus semicarpifolia	Vol.	1.8	0	0	0	0	0	0	0	0	0	1.8		
			No.	0	0	0	0	0	1	0	0	0	1	0		
			Vol.	0	0	0	0	0	4	0	0	0	0	4		
5	Mahun	Carpinus spp.	No.	0	0	0	0	1	0	0	0	0	1	0		
			Vol.	0	0	0	0	2.4	0	0	0	0	0	2.4		
6	Shagdu	Salix spp.	No.	1	3	0	0	0	0	0	0	0	4	0		
			Vol.	0.028	1.2	0	0	0	0	0	0	0	0	1.228		
			No.	0	1	0	0	0	0	0	0	0	1	0		
7	Sharodi	Salix species	Vol.	0	0.2	0	0	0	0	0	0	0	0.2			
			No.	0	0	0	0	0	0	0	0	0	0	0		
8	Mandru	Salix species	Vol.	0	0	0	0	0	0	0	0	0	0	0.2		
			Total trees and volume=												32	116.628

Madan Lal Singh
i/c Hurla Beat 11 Hurla

1402/2018
Bd Theila 21/9/2018

For Aashapuri Hydro Power Pvt. Ltd
Range Forest Officer
Forest Range Hurla
al Bhuin

User Agency
Director

Authorised Sign

**Enumeration List of trees coming in the Alignment No. III of Hurla Top SHEP
(3.50MW) in R/11 Hamka Dhar C-II, Jhuni Beat, Block- Thela, Of Hurla Forest Range, Of
Parvati Forest Division, Shamshi**

Sl. No.	Spp. Local Name	Botanical Name	Dia	Class	Volume	Remarks
1	Kharshu	<i>Quercus semicarpifolia</i>	14-15	V	0.3	Green standing
2	Tosh	<i>Abies pindrow</i>	85-88	IC	8.49	Green standing
3	Tosh	<i>Abies pindrow</i>	76-78	IB	7.08	Green standing
4	Tosh	<i>Abies pindrow</i>	86-88	IC	8.49	Green standing
5	Rai	<i>Picea smithiana</i>	99-100	ID	9.34	Green standing
6	Rai	<i>Picea smithiana</i>	56-57	IIB	3.11	Green standing
7	Kharshu	<i>Quercus semicarpifolia</i>	14-15	V	0.3	Green standing
8	Kharshu	<i>Quercus semicarpifolia</i>	11-12,	V	0.3	Green standing
9	Rai	<i>Picea smithiana</i>	72-74	IB	7.08	Green standing
10	Kail	<i>Pinus wallichaina</i>	45-47	IIA	1.9	Green standing
11	Kail	<i>Pinus wallichaina</i>	56-58	IIB	3	Green standing
12	Kail	<i>Pinus wallichaina</i>	52-56	IIB	3	Green standing
13	Rai	<i>Picea smithiana</i>	82-85	IC	8.49	Green standing
14	Kharshu	<i>Quercus semicarpifolia</i>	11-12,	V	0.3	Green standing
15	Kharshu	<i>Quercus semicarpifolia</i>	12-13,	V	0.3	Green standing
16	Kharshu	<i>Quercus semicarpifolia</i>	14-15	V	0.3	Green standing
17	Rai	<i>Picea smithiana</i>	99-100	ID	9.34	Green standing
18	Rai	<i>Picea smithiana</i>	56-57	IIB	3.11	Green standing
19	Kharshu	<i>Quercus semicarpifolia</i>	14-15	V	0.3	Green standing
20	Kharshu	<i>Quercus semicarpifolia</i>	18-20	v	0.3	Green standing
21	Rai	<i>Picea smithiana</i>	75-78	IB	7.08	Green standing
22	Rai	<i>Picea smithiana</i>	85-88	IC	8.49	Green standing
23	Rai	<i>Picea smithiana</i>	82-86	IC	8.49	Green standing
24	Rai	<i>Picea smithiana</i>	81-85	IC	8.49	Green standing
25	Rai	<i>Picea smithiana</i>	77-79	IB	7.08	Green standing
26	Rai	<i>Picea smithiana</i>	72-75	IB	7.08	Green standing
27	Kail	<i>Pinus wallichaina</i>	56-58	IIB	3	Green standing
28	Tosh	<i>Abies pindrow</i>	92-95	ID	9.34	Green standing
29	Kharshu	<i>Quercus semicarpifolia</i>	10-11,	V	0.3	Green standing
30	Rai	<i>Picea smithiana</i>	77-78	IB	7.08	Green standing
31	Rai	<i>Picea smithiana</i>	66-68	IA	5.1	Green standing
32	Kharshu	<i>Quercus semicarpifolia</i>	14-15	V	0.3	Green standing
33	Rai	<i>Picea smithiana</i>	85-87	IC	8.49	Green standing
34	Kharshu	<i>Quercus semicarpifolia</i>	13-14	V	0.3	Green standing
35	Rai	<i>Picea smithiana</i>	75-78	IB	7.08	Green standing
36	Rai	<i>Picea smithiana</i>	74-76	IB	7.08	Green standing
37	Kharshu	<i>Quercus semicarpifolia</i>	10-11,	V	0.3	Green standing
38	Rai	<i>Picea smithiana</i>	56-58	IIB	3.11	Green standing
39	Rai	<i>Picea smithiana</i>	77-79	IB	7.08	Green standing
40	Kharshu	<i>Quercus semicarpifolia</i>	10-11,	V	0.3	Green standing

Made at Shamshi beat
I/C Jhuni Beat
BQ Thela
21/9/2018
Ranger Forest Officer Hydro
Forest Range Hurla
at Bhuni
Auth. used for
Power User Agency
Director

41	Kharshu	<i>Quercus semicarpifolia</i>	10-11,	V	0.3	Green standing
42	Kharshu	<i>Quercus semicarpifolia</i>	10-11,	V	0.3	Green standing
43	Kharshu	<i>Quercus semicarpifolia</i>	12-13,	V	0.3	Green standing
44	Kharshu	<i>Quercus semicarpifolia</i>	10-11,	V	0.3	Green standing
45	Rai	<i>Picea smithiana</i>	82-86	IC	8.49	Green standing
46	Kharshu	<i>Quercus semicarpifolia</i>	11-12,	V	0.3	Green standing
47	Rai	<i>Picea smithiana</i>	72-75	IB	7.08	Green standing
48	Rai	<i>Picea smithiana</i>	85-87	IC	8.49	Green standing
49	Kharshu	<i>Quercus semicarpifolia</i>	10-11,	V	0.3	Green standing
50	Kharshu	<i>Quercus semicarpifolia</i>	11-12,	V	0.3	Green standing
51	Rai	<i>Picea smithiana</i>	66-68	IA	5.1	Green standing
52	Rai	<i>Picea smithiana</i>	64-67	IA	5.1	Green standing
53	Kharshu	<i>Quercus semicarpifolia</i>	10-11,	V	0.3	Green standing
54	Rai	<i>Picea smithiana</i>	82-86	IC	8.49	Green standing
55	Rai	<i>Picea smithiana</i>	84-85	IC	8.49	Green standing
56	Rai	<i>Picea smithiana</i>	92-95	ID	9.34	Green standing
57	Kharshu	<i>Quercus semicarpifolia</i>	11-12,	V	0.3	Green standing
58	Rai	<i>Picea smithiana</i>	85-87	IC	8.49	Green standing
59	Kail	<i>Pinus wallichiana</i>	55-57	IIB	3	Green standing
60	Kail	<i>Pinus wallichiana</i>	47-49	IIA	1.9	Green standing
61	kail	<i>Pinus wallichiana</i>	54-58	IIB	3	Green standing

Saplings:-

i) Tosh = 67
 iii) Rai = 45

ii) Mandru = 57
 iv) Kharshu = 73

Total saplings = 242

I/C Jhuni Beat

BQ Thela

21/9/2018
 Range Forest Officer
 Forest Range Huda
 at Jhuni

Authorised Sig.
 User Agency

GENERAL ABSTRACT OF TREES/SAPLING COMING IN THE ALIGNMENT-III OF HURLA TOP SHEP(3.50MW) IN R/11HAMKADHAR C-II FOREST , JHUNI BEAT
OF THELA BLOCK OF HURLA FOREST RANGE, OF PARVATI FOREST DIVISION, SHAMSHI

Sl. No.	Local Name	Botanical Name	Saplings	Classes of Trees										TOTAL	
				V	IV	III	IIA	IIB	IA	IB	IC	ID	Trees	Vol.	
1	Kail	Pinus wallichiana	No.	0	0	0	2	5	0	0	0	0	7	0	
			Vol.	0	0	0	3.8	15	0	0	0	0	0	18.8	
2	Rai	Picia smithiana	No.	45	0	0	0	3	3	9	10	3	28	0	
			Vol.	0	0	0	0	9.33	15.3	61.72	84.9	28.02	0	201.27	
3	Tosh	Abies pindrow	No.	67	0	0	0	0	0	1	2	1	4	0	
			Vol.	0	0	0	0	0	0	7.08	16.98	9.34	0	33.4	
4	Kharshu	Quercus semicarpifolia	No.	73	22	0	0	0	0	0	0	0	22	0	
			Vol.	0	6.6	0	0	0	0	0	0	0	0	6.6	
5	Mandru	Acer species	No.	57	0	0	0	0	0	0	0	0	0	0	
			Total saplings =	242								Total trees and vol. =	61	260.07	

Madan Lal Srivastava
i/c Jhuni Beat

Range Forest Officer
Forest Range Hurta
at Bhuiin

RO Hurta
Authorised Sig.
User Agency

21/9/2018

Layout Plan (Alt. Alignments) of Hurla Top S.H.E.P. (3.5 MW) Distt. Kullu (H.P.)

LEGEND	
WEIR SITE	
W.C.S.	
D.TANK	
SURGE SHAFT	
PENSTOCK	
P.H./S.YARD	
TRANSMISSION	



Inter Connection Point With Manihar S.H.E.P.

Surge Shaft

Penstock

Power House

Proposed Transmission line

Penstock

Fore Bay

Penstock

ALIGNMENT ALT-3

ALIGNMENT ALT-2

ALIGNMENT ALT-1

Desilting Tank

DT cum Forebay

Weir Site EL-2458m

Desilting Tank

W.C.S.

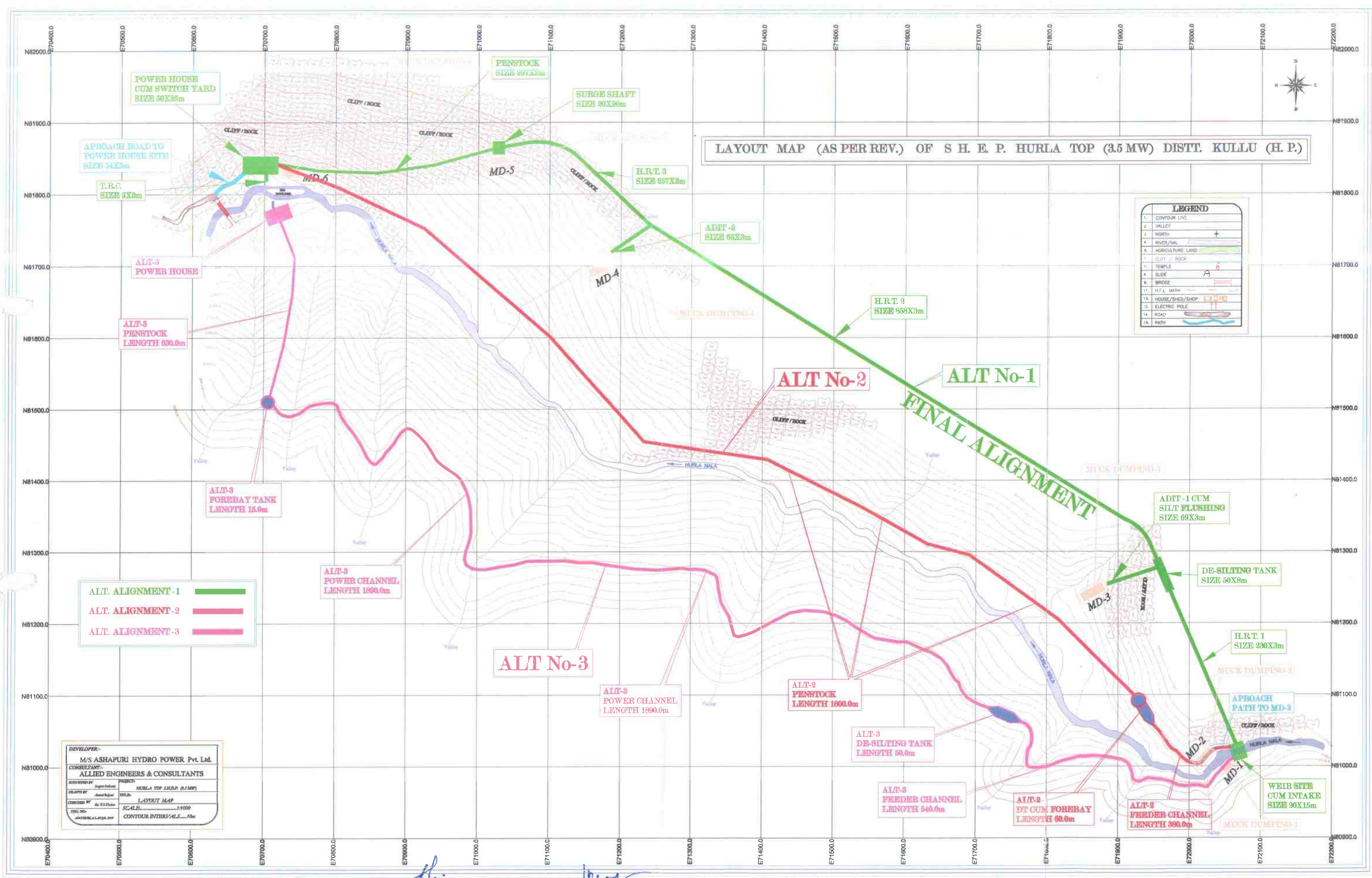
T/SHEET No 53 E/5

- ALT. ALIGNMENT-1
- ALT. ALIGNMENT-2
- ALT. ALIGNMENT-3

For Aashapuri Hydro Power Pvt Ltd
Director

DIVISIONAL FOREST OFFICER
PARVATI FOREST DIVISION
SHANSHI

Range Forest Officer
Forest Range Hurla
at Bhuiin



For Ashapuri Hydro Power Pvt. Ltd.
[Signature]
Director

[Signature]
DIVISIONAL FOREST OFFICER Range Forest Officer
PARVATI FOREST DIVISION Forest Range Hurla
SH-113311

Full Title of the Project: Hurla Top Hydro Power Project (1.00 MW)

File No. : _____

Date of Proposal: _____

CHECK LIST SERIAL NUMBER-12

UNDERTAKING FOR PAYMENT OF COST OF COMPENSATORY AFFORESTATION

I/We M/S Ashapuri Hydro Power Private Limited, hereby undertake to pay the entire amount for compensatory afforestation in lieu of the forest area diverted for the construction of Hurla Top Hydro Power Project (3.50 MW) as per the prevailing wage rates at the time of undertaking the plantation activities.

Place : Shamshi

Date :.....

For Ashapuri Hydro Power Pvt. Ltd

 Signature of User Agency
 Office Seal

Counter signed by :-


 Divisional Forests Officer

 Range Forest Division, Shamshi, Kullu
 Office Seal _____


 Range Forest Officer,
 Hurla Forest Range
 Forest Range Hurla
 at Bhain

Full Title of the Project: Hurla Top Hydro Power Project (3.50 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/We M/S Ashapuri Hydro Power Private Limited, have applied for diversion of 4.016 ha. Of forest area for the purpose of construction of Hurla Top Hydro Power Project (3.50 MW). I/We, hereby, undertake to pay the Net Present Value (NPV) of the above forest land. I/we also hereby to undertake to pay the additional amount of NPV, if so determined as per the decision of the Hon'ble Supreme Court.

For Aashapuri Hydro Power Pvt. Ltd

Signature of User Agency
Office Seal

Place : Shamshi

Date.....

Counter signed by :-

Range Forest Officer
Forest Range Hurla
at Bhuiin

Divisional Forest Officer
Parvati Forest Division, Shamshi, Kullu
Office Seal _____

Form-I
(for linear projects)
Government of Himachal Pradesh.

Office of the District Collector, Kullu, Distt. Kullu, H.P.

No: 1487/DRA

Dated: 27/07/2019

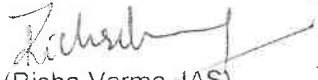
TO WHOM SO EVER IT MAY CONCERN

In compliance of the Ministry of Environment and Forest (MoEF), Government of India's letter No. 11-9/98-FC (pt.) dated 3rd August 2009 wherein the MoEF issued guidelines on submission of evidences for having initiated and completed the process of settlement of rights under the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 ('FRA' for short) on the forest land proposed to be diverted for non-forest purposes read with MoEF's letter dated 5th February 2013 wherein MoEF issued certain relaxation in respect of linear projects, it is certified that 04-00-16 hectare of forest land proposed to be diverted in favour of General Manager, Ashapuri Hydro Power Pvt. Ltd. Village Tharass for construction of Hydro Power Project in Kullu district falls within jurisdiction of Gram Panchayat, Manihar village in Bhuntar Tehsil.

It is further certified that:

- (a) The complete process for identification and settlement of rights under the FRA has been carried out for the entire 04-00-16 hectare of forest area proposed for diversion. A copy of records of all consultations and meetings of the Forest Rights Committee(s), Gram Sabha(s), Sub Division Level Committee(s) and District Level Committee are enclosed as annexure A to annexure D.
- (b) The diversion of forest land for facilities managed by the Government as required under section 3 (2) of the FRA have been completed and the Gram Sabhas have given their consent to it;
- (c) The proposal does not involve recognised rights of Primitive Tribal Groups and Pre-agricultural communities.

Encl: As above.


(Richa Verma, IAS)
District Collector,
Kullu.

Dist. Revenue Officer
Distt. Kullu (H.P.)

Proceedings of the meeting of the District Level Committee constituted under Schedule Tribes & Other Traditional Forest Dwellers (Recognition of Forest Rights) Act (FRA), 2006.

A meeting of the District Level Committee of Kullu District, constituted under FRA, 2006 was held under the Chairmanship / Chairpersonship of Dr. Richa Verma, IAS, Deputy Commissioner, Kullu on 24/7/2019 at 11:00 AM at Kullu in which the application(s) claiming rights in Gram Panchayat, Manihar forest area under FRA, 2006, of the following applicant(s), duly processed and recommended by the Sub Division Level Committee(s) of Kullu Sub Division(s), were discussed to consider the same for admission by the District Level Committee.

After scrutiny of the documents and detailed discussions the following decisions were taken on each application:-

Name of Applicant

General Manager, Ashapuri Hydro
Power Pvt. Ltd. Village Tharass
Distt. Kullu

Place: Kullu

Decision (Admitted/Rejected)
Admitted


DC-cum Chairman/Chairperson,
District Level Committee,
Kullu District HP.


Distt. Revenue Officer
Distt. Kullu (H.P.)

OFFICE OF THE SUB DIVISIONAL OFFICER (CIVIL) KULLU,
DISTRICT KULLU H.P.

Proceeding of the meeting of the Sub Divisional Level Committee under Schedule Tribe & Other Traditional Forest dwellers (Recognition of Rights) Act (FRA), 2006.

A meeting of the Sub Divisional Committee Kullu constituted under FRA, 2006 was held under the Chairmanship/Chairpersonship of Anurag Chander Sharma I.A.S. SDO(C), Kullu on dated 19-06-2019 at 12.00PM at Kullu in which the application(s) of Community Right claim Muhal/Phati **Parli** claiming rights in Sub Division Kullu forest area(s) under FRA, 2006 duly processed and recommended by the concerned Muhal/Phati Sabha were discussed to consider the same for recommendation to the District Level Committee.

After scrutiny of the documents and detailed discussions, the claim of the following applicants were found to be in order and recommended for admission to the District Level Committee.

Sr. No. Name of the applicant Name of the Forest Detail of the Forest Rights

1. GM Aashapuri
Hydro Power Project Tharas Manihar-III
P.O. Hural Tehsil Bhuntar
District Kullu.

For the construction of Hydro Power Project area 04-00-16 Hect.

Claims of the following applicants were not found in order and rejected

Sr.No. Name of the applicant Name of the Forest Detail of the Forest Rights

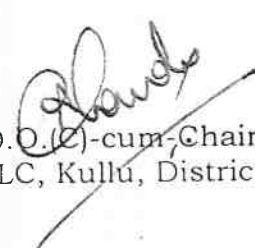
1. Nil

2. Nil

As informed by FRC **Manihar** application/s was/were received claiming rights in Phati **Parli** Forest area.

Place: Kullu

Date 19-06-2019


S.D.O.(C)-cum-Chairmanship/Chairpersonship
SDLC, Kullu, District Kullu H.P.


Dist. Revenue Officer
Dist. Kullu H.P.

1. GP-Mamhar
2. Ashapuri Hydro Power
3. 4.016 Hectare

अनुसूचित जनजाति और अन्य परम्परागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम, 2006

ग्राम विकास अधिकारी
ग्राम विकास अधिकारी
जिला कुल्लू (हिमाचल प्रदेश)

प्रतिनिधि प्रस्ताव

अध्यक्षता श्री/श्रीमति
दिनांक

गणपूर्ति
प्रस्ताव संख्या

विषय
जंगल/वन क्षेत्र में प्रस्तावित
हैबटेयर वन भूमि के उपयोग की मंजूरी के लिए अनापत्ति प्रमाण पत्र जारी करने हेतु।

ग्राम संघास
दिनांक
को
जंगल/वन क्षेत्र में प्रस्तावित
हैबटेयर वन भूमि के उपयोग की मंजूरी के लिए अनापत्ति प्रमाण पत्र जारी करने पर ध्यान की गई।

सभी ग्रामवासियों ने संवर्धित वन भूमि के प्रस्तावित कार्य हेतु उपयोग के उद्देश्यों को पूरी तरह समझने के बाद सर्व सम्मति से यह निर्णय लिया कि ग्राम पंचायत को उपरोक्त प्रस्ताव को लिए वन भूमि दिए जाने पर कोई आपत्ति नहीं है।

ग्राम संघास की इस बैठक में अनुसूचित जनजाति और अन्य परम्परागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम, 2006 के अन्तर्गत वन अधिकारों के दावों के निपटारे पर भी ध्यान की गई तथा सर्व सम्मति से यह परित धिया गया कि उपरोक्त अधिनियम के अन्तर्गत वन अधिकारों के दावों के निपटारे सम्बन्धित सारी प्रक्रिया पूरी की जा रही है/कर ली गई है तथा प्रस्तावित हैबटेयर वन भूमि को हैबटेयर वन भूमि की सहायिता दी जाती है।

स्थान
दिनांक

ग्राम पंचायत एवं विकास अधिकारी
ग्राम पंचायत

प्रधान
वन विकास समिति, मनिहार
वार्ड न. 1, डा. ठेला
तह. मुन्तर, जिला कुल्लू (हिमाचल प्रदेश)

साध्यक
वन विकास समिति, मनिहार
वार्ड न. 1, डा. ठेला
तह. मुन्तर, जिला कुल्लू (हिमाचल प्रदेश)

Dist. Revenue Officer
Distt. Kullu (H.P.)

(2)

अनुसूचित जनजाति और अन्य परम्परागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम 2006

वन अधिकार समिति
ग्राम सभा

प्रस्ताव प्रस्ताव

प्रस्ताव संख्या 01

दिनांक 04/08/2018

जयपुर 82/150

वन अधिकार समिति, ग्राम सभा, की बैठक आज
दिनांक 04/08/2018 को, वन, स्थान में

श्री/श्रीमति की अध्यक्षता में की गई जिसमें
गांव/गांवों के अनुसूचित जनजाति और अन्य परम्परागत वन निवासी

के अनुसूचित जनजाति और अन्य परम्परागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम
2006 के अन्तर्गत जंगल/वन क्षेत्र से सम्बंधित वन

अधिकारों के दावे हेतु प्राप्त आवेदनों पर चर्चा की गई जिसमें Small * * * * *
के निर्माण के लिए है।

वन अधिकारों के प्रस्तावों के साथ प्रस्तुत दस्तावेजों के अध्ययन तथा उस पर विस्तृत चर्चा
को उपरान्त यह समिति इस नतीजे पर पहुंची कि श्री/श्रीमति
जंगल/वन क्षेत्र में Small * * * * * के लिए अधिकार हेतु दावा नियमानुसार
सही पाया गया/सही नहीं पाया गया। तदनुसार समिति इस दावे को पारित करते हुए इसे उप
खण्ड स्तर की समिति को प्रेषित करती है/तदनुसार समिति इस दावे को निरस्त करती है।

स्थान
दिनांक

ग्राम पंचायत एवं विकास अधिकारी
ग्राम पंचायत

** प्रोजेक्ट/कार्य का नाम जिसके लिए वन (संरक्षण) अधिनियम, 1980 के अन्तर्गत वन भूमि को
उपयोग की अनुमति दी जानी है।

ग्राम पंचायत, जयपुर
वन विकास समिति, जयपुर
वार्ड नं. 1, डा. ठेला
तह. मुन्तर, जिला कुल्लू हिमाचल प्रदेश

साथ में
वन विकास समिति, मनेहार
वार्ड नं. 1, डा. ठेला
तह. मुन्तर, जिला कुल्लू हिमाचल प्रदेश

पारित

Dist. Revenue Office
Distt. Kullu (H.P.)

Enumeration List of trees coming in the Alignment No. 1 (Final) of Hurla Top SHEP (3.50MW) in R/11 Hamka Dhar C- II , Jhuni Beat, Block- Thela, Of Hurla Forest Range, Of Parvati Forest Division, Shamshi

Sl. No.	Spp. Local Name	Botanical Name	Dist	Class	Volume	Remarks
Edit-I Dumping Site-III						
1	Mahun	<i>Carpinus spp.</i>	63-65	IA	4.0	Green standing
2	Shagdu	<i>Salix spp.</i>	52-53	IIB	2.4	Green standing
3	Sharodi	<i>salix species</i>	20-21	IV	0.4	Green standing
4	Ban	<i>Quercus semicarpifolia</i>	20-21	IV	0.3	Green standing
5	Tosh	<i>Abies pindrow</i>	31-32	III	0.85	Green standing
6	Bael	<i>Rhns spp.</i>	14-15	V	0.028	Green standing
7	Sharodi	<i>salix species</i>	16-17	V	0.028	Green standing
8	Sharodi	<i>salix species</i>	20-21	IV	0.4	Green standing
9	Sharodi	<i>salix species</i>	20-21	IV	0.4	Green standing
10	Mandru	<i>Acer species</i>	29-30	IV	0.2	Green standing
11	Rai	<i>Picea smithiana</i>	80-81	IC	8.49	Green standing
12	Rai	<i>Picea smithiana</i>	58-59	IIB	3.71	Green standing
Edit-II Dumping Site-IV						
13	Mandru	<i>Acer species</i>	82-88	IC	6.9	Green standing
14	Mandru	<i>Acer species</i>	82-83	IC	6.9	Green standing
15	Walnut	<i>Juglans regia</i>	71-77	IB	5.1	Green standing
16	Mahun	<i>Carpinus spp.</i>	65-66	IA	4.0	Green standing
17	Shagdu	<i>Salix spp.</i>	32-33	III	0.8	Green standing
18	Shagdu	<i>Salix spp.</i>	27-28	IV	0.4	Green standing

Power House						
19	Mahun	<i>Carpinus spp.</i>	84-88	IC	7.8	Green standing
20	Walnut	<i>Juglans regia</i>	68-69	IA	3.8	Green standing
21	Khanor	<i>Aesculus indica</i>	45-46	IIA	1.7	Green standing

M. Madan Lal S/o. For
I/C Jhuni Beat

21/9/2018
Range Forest Officer
Forest Range Hurla
at Bham

Range Forest Officer
Forest Range Hurla
at Bham

Authorized Sign.
User Agency

Director

GENERAL ABSTRACT OF TREES/SAPLING COMING IN THE FINAL ALIGNMENT OF HURLA TOP SHEP (3.50MM) IN R/11HAMKADHAR C-II FOREST, JHUNI
BEAT OF THEIA BLOCK OF HURLA FOREST RANGE, OF PARVATI FOREST DIVISION, SHAMSHI

Sl. No.	Local Name	Botanical Name	Classes of Trees										TOTAL	
			V	IV	III	IIA	IIB	IA	IB	IC	ID	Trees	Vol.	
1	Mahun	Carpinus spp.	No. 0	0	0	0	0	2	0	1	0	3	0	
			Vol. 0	0	0	0	0	8.0	0	7.8	0	0	15.8	
2	Shagdu	Salix species	No. 0	1	1	0	1	0	0	0	0	3	0	
			Vol. 0	0.4	0.8	0	2.4	0	0	0	0	0	3.6	
3	Tosh	Abies pindrow	No. 0	0	1	0	0	0	0	0	0	1	0	
			Vol. 0	0	0.85	0	0	0	0	0	0	0	0.85	
4	Ban	Quercus semicarpifolia	No. 0	1	0	0	0	0	0	0	0	0	0	
			Vol. 0	0.3	0	0	0	0	0	0	0	1	0	
5	Sharodi	Salix species	No. 1	3	0	0	0	0	0	0	0	0	0.3	
			Vol. 0.028	1.2	0	0	0	0	0	0	0	4	0	
6	Walnut	Juglans regia	No. 0	0	0	0	0	1	0	0	0	0	1.228	
			Vol. 0	0	0	0	0	3.8	5.1	0	0	0	8.9	
7	Bael	Rhus spp.	No. 1	0	0	0	0	0	0	0	0	0	0	
			Vol. 0.028	0	0	0	0	0	0	0	0	1	0	
8	Mandru	Acer species	No. 0	1	0	0	0	0	0	0	0	0	0.028	
			Vol. 0	0.2	0	0	0	0	0	2	0	3	0	
9	Rai	Picea smithiana	No. 0	0	0	0	1	0	0	13.8	0	0	14	
			Vol. 0	0	0	0	3.71	0	0	8.49	0	0	12.2	
10	Khanor	Asculus indica	No. 0	0	0	1	0	0	0	0	0	1	0	
			Vol. 0	0	0	1.7	0	0	0	0	0	0	1.7	
Total trees and vol. =												21	58.605	

Made at 8750
 10/10/2018

21/9/2018

Range Forest Officer
For Ashapuri Hydro Power Ltd
at Bhuin
 User Agency Director

54

CERTIFICATE

The undersigned alongwith staff of Hurla Forest Range inspected the site for construction of Hurla Top (3.50 MW) Small Hydro Electric Power Project on dated 05.07.2019. In the alternatives suggested this appears to be better one from the point of involvement of extent of forestland. In all only 21 number of trees are required to be felled and cannot be avoided from the construction of Project point of view. Other alternatives are not suitable for the Project.


(Angel Chauhan) HPFS
Divisional Forest Officer,
Parvati Forest Division, Shamshi.

SHAMSHI

55.

Full Title of the Project: Hurla Top Small Hydro Project (3.50 MW)

File No. : _____

Date of Proposal: _____

CHECK LIST SERIAL NUMBER: 16

SITE INSPECTION REPORT NOT BELOW THE RANK OF DCF/DFO
(For the Forest land to be diverted under FCA)

A proposal has been received by this office from M/S Ashapuri Hydro Private (P) Limited, VPO Hurla - Distt. Kullu, HP for diversion (under FCA-1980) of **4.016** ha. of forest land for non-forestry purpose. The subject envisages the use of forest land for Hurla Top Small Hydro Project (3.50 MW). The site inspection of the land involved in the proposal has been done by me on dated **05th July, 2019**.

✓ 2 On inspection of the site, it is found that the land required by the user agency is a forest area measuring 4.016 ha. Yes

✓ 3 The requirement of forest land as proposed by the user agency in Col. 2 of part-I is unavoidable and is barest minimum required for the project. Yes

✗ Whether any rare/ endangered/ unique species of flora and fauna found in the area. If so, the details thereof. No

✗ Whether any protected archaeological/ heritage site/ defense establishment or any other important monument is located in the area. If so, the details thereof with NOC from the competent authority. No

✓ 6 (a) **The user agency has not violated the provisions of Forest (Conservation) Act, 1980 and no work has been started without proper sanction.** Yes

✗ (b) It has been found that the user agency has violated the provisions of the Forest (Conservation) Act, 1980 Indian Forest Act, 1927/ any other forest Act. A detailed report as per para 1.9 of Chapter 1, Part C of Hand-book of Forest (Conservation) Act, 1980 is attached). No

Proposal is recommended for diversion of 4.016 ha of forestland for the construction of Hurla Top Small Hydro Project (3.50 MW).

Place :Shamshi

Date: 07-09-19

Name: Angel Chauhan, HPFS

Designation: Divisional Forest Officer
Parvati Forest Division, Shamshi.
Office Seal ... SHAMSHI

Full Title of the Project: Hurla Top Small Hydro Project (3.50 MW)

File No. : _____

Date of Proposal: _____

CHECK LIST SERIAL NUMBER: 17

LOCATION MAP

Location Map of Degraded Forest Area identified for Compensatory Afforestation in lieu of the proposal for diversion of 4.016 ha. of forest land for the construction of Hurla Top Small Hydro Project in Kullu District.

Village: _____ Jhuni Tehsil: Bhunter District: Kullu

Forest Division: Parvati Forest Range:- Hurla

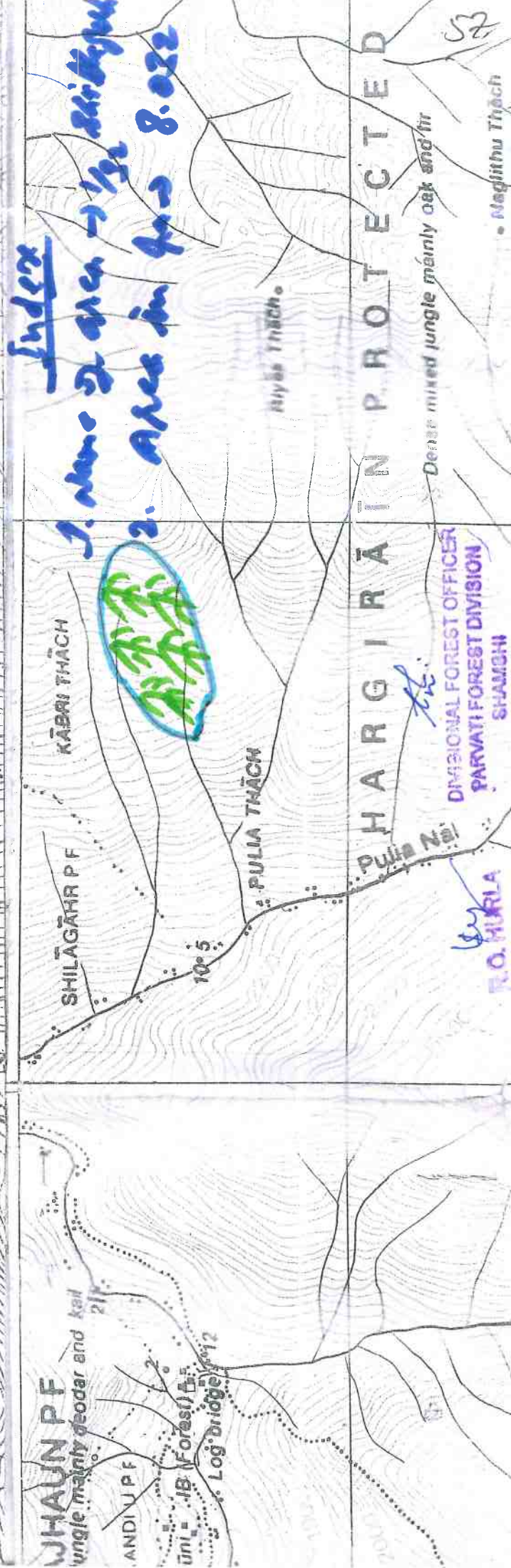
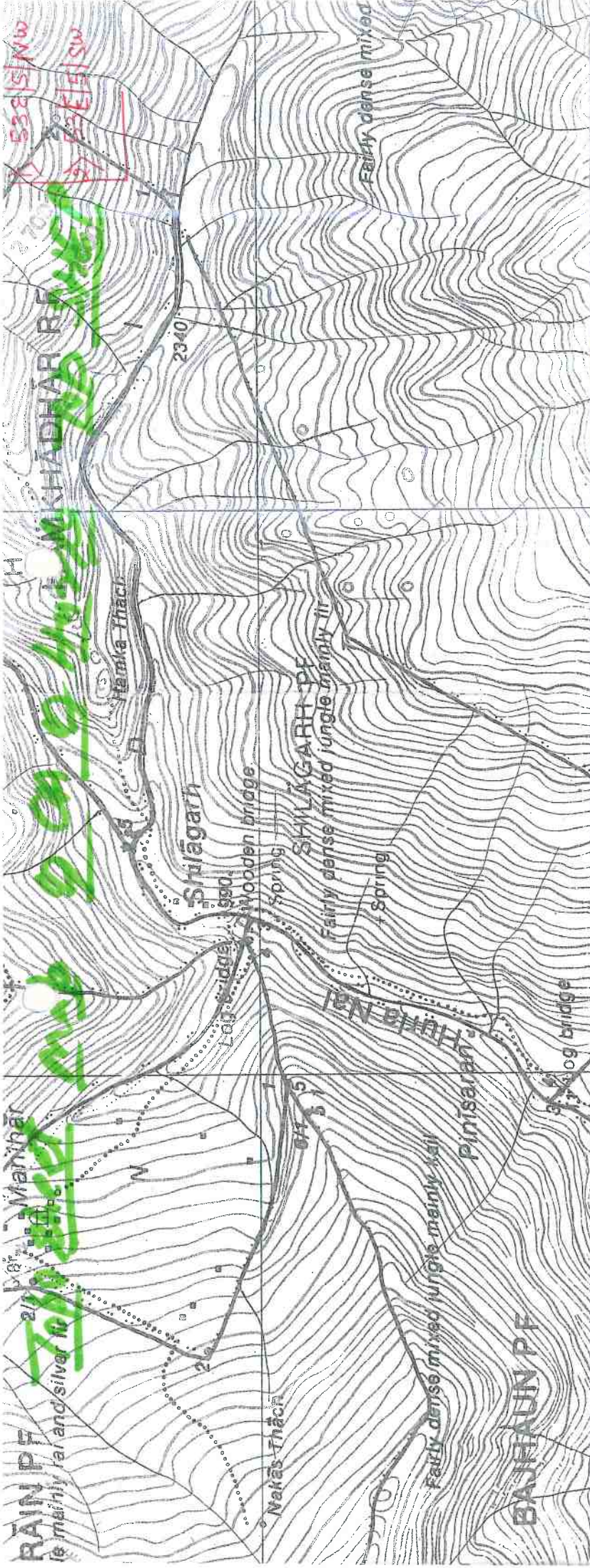
Block No./Compartment No./Survey No.: - 53/E/5 _____

Area:- 8.032 ha

Map attached of the area to be taken for Compensatory Afforestation


Range Forest Officer,
Hurla Forest Range.
at Bhui


Divisional Forest Officer
Parvati Forest Division, Shamshi
SHAMSHI



Index

1. Area 2 area $\rightarrow$ 1/2 Shilāgarh
2. Area in 4 $\rightarrow$ 8.032

HARGIRĀ P.F. PROTECTED

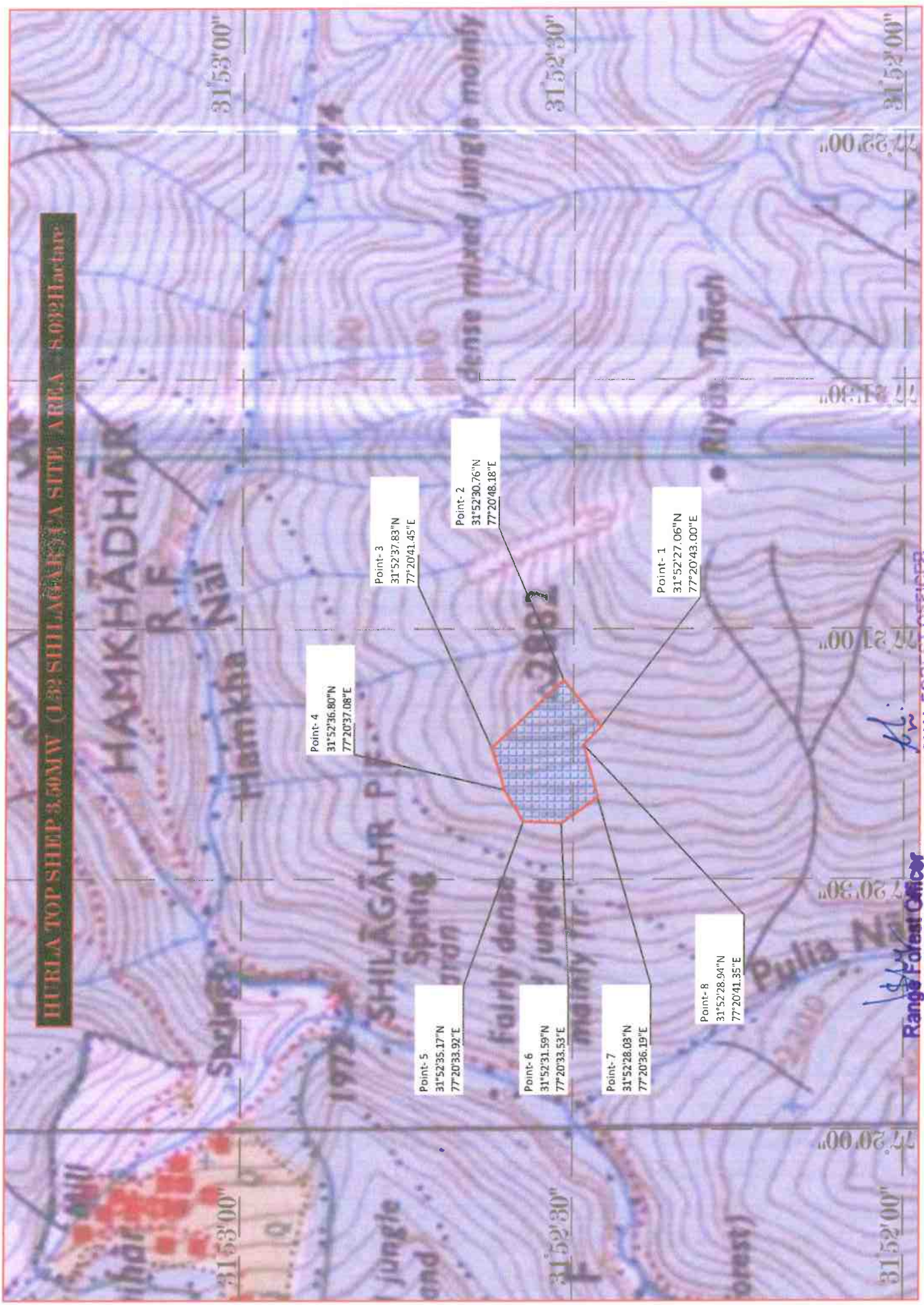
Dense mixed jungle mainly oak and fir

DIVISIONAL FOREST OFFICER
PARVATI FOREST DIVISION
SHANGH

R.O. MURLA

Magithu Thāch

HURLA TOP SHEP 3.50MW (132 SHILAGÄHR) A SITE AREA 8.032Hectare



Range Forest Officer
Forest Range Hurla
at Hurin

Divisional Forest Officer
PARVATI FOREST DIVISION

59.

Date of Proposal: _____

“SCHEME FOR COMPENSATORY AFFORESTATION”

1. Details of degraded forest land/non-forest land:-

Tehsil : Bhunter

Block/Compartment/Survey No. _____53/E/5_____

Area to be afforested land bank _____ 8.032 ha.

1) Whether the site selected for Compensatory Afforestation is a land bank or not : **Yes**

II) If the CA site is other than the land bank, reasons be given :
_____ - Land Bank

III) In case of non- forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary: NA as forestland/ area has been identified for CA

IV) Soil type : Clayey loam

V) Topography :

VI)	(a)	Hilly/Undulating/Plain	Hilly
-----	-----	------------------------	--------------

(b) Slope: Steep/Medium/Gentle Medium

VI) Whether the area is bearing any root stock of vegetation: _____

Copy of the approved Compensatory Afforestation Scheme/Model showing component - wise physical and financial break up to be enclosed

Range Forest Officer
Forest Range Hurta
at Huron

Details of year-wise break up of requirements of funds is as under:-

Year	Area in Ha.	Rate/ Ha.	
0 th Year	8.032 ha	89820 x 8.032	721434.00
1 st Year	8.032 ha	13635 x 8.032	109516.00
2 nd Year	8.032 ha	9140 x 8.032	73412.00
3 rd Year	8.032 ha	4645 x 8.032	37309.00
4 th Year	8.032 ha	4645 x 8.032	37309.00
5 th Year	8.032 ha	4645 x 8.032	37309.00
6 th Year	8.032 ha	4645 x 8.032	37309.00
7 th Year	8.032 ha	4645 x 8.032	37309.00
8 th Year	8.032 ha	4645 x 8.032	37309.00
9 th Year	8.032 ha	4645 x 8.032	37309.00
10 th Year	8.032 ha	4645 x 8.032	37309.00
Total			1202834.00
Add 25% increase on labour rates			300708.00
		Total:-	1503542.00
Add 17.50% Departmental charges			263120.00
Add 5% contingency			75177.00
		G. Total:-	1841839.00
		Or Say	1841840.00

5. Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

- General Details :- As per detail scheme attached at Page No. ____
- Spacing :- 3.00 mtr. x 3.00 mtr.
- Species :- Conifer & Broad Leave
- Plantation Method :- Traditional
- Soil and Moisture Conservation Works:- Water trenches
- Protection (Fencing, Watch man, People's Participation etc.):
B/wire fencing with RCC Fence Posts .
- Proposed Monitoring Mechanism:- Inspections by Deptt. Officers.
- Any other information:- As per scheme attached.


Range Forest Officer,
Huria Forest Range,
Forest Range Huria
at Bhuin


Divisional Forest Officer
Parvati Forest Division, Shamshi
SHAMSHI

BILL FOR COMPENSATORY AFFORESTATION SCHEME

in lieu of diversion of 4.016 ha of forestland for the construction of 3.50 MW Hurla Top SHEP

in favour of M/S Ashapuri Hydro Private (P) Limited, VPO Hurla, Distt. Kullu, HP

PER HECTARE COST NORM FOR MODEL PLANTTATION UNDER

1100 plant per Ha with RCC fence posts

Area taken for CA = $4.016 \times 2 = 8.032$ ha, Species to be planted conifer & B.L)

S.N.	Particular of work	Unit	Qty	Rate in Rs.	Amount in Rs.
FENCING:-					
1	Survey & demarcation of plantation area		1Hec	141.40	141.40
2	Preparation/purchase of RCC fence posts		50 Nos	350 / Post	17500.00
3	Carriage of RCC fence post up to 2 mtr. Long Over distance 2 KM		50 Nos	93.80	4690.00
4	Preparation/digging of holes 20 x 30 x 50 CM size		50 Nos	604.51%	634.20
5	Fixing of RCC fence posts i/e strutting		50 Nos	477.34%	501.20
6	Carriage of barbed wire over distance 2 Km uphill/ downhill		0.75 Qtl	54.50/Qtl/Km	154.67
7	Stretching & fixing of barbed wire in 4 stands		600 Rmt	3.16Per Rmt	4032.00
8	Interlacing of thorny bushes along the fence		150 Rmt	7.24/Rmt	858.90
9	cost of Barbed wire		0.75 Qtl		5350.00
TOTAL FENCING COST :					33862.37
or say					33870.00
PLANTING:-					
1	Bush Cutting in strips (3m x 3m)	1	1ha	636.28%	1669.92
2	Digging of pits 45x45x45 cm size	No.	1100 Nos	318.22%	14691.60
3	Filling of pits 45x45x45 cm		1100 Nos	182.31%	4188.80
4	Carriage of plants in p bags over distance 2KM uhill/ downhill		1100 Nos	23.49%	5852.00
5	Planting of plants riased in P/bags		1100 Nos	145.39%	3357.20
6	Construction of inspection Paths		100 rmt	145.49%	1540.00
7	Cost of sign Board, carriage & Fixing		L/S	122.66%	450.00
8	Nursery cost of Plants @ Rs. 22 per plant		1100 Nos.		24200.00
TOTAL PLANTING COST :					55949.52
or say					55950.00
GRAND TOTAL:-					89820.00

Contd..... P/2


Range Forest Officer
Forest Range Hurla
at Shuin

MAINTENANCE COST:-**1st year maintenance (30% BEATING UP)**

1	Re digging of pits 45x45x45 cm	330 Nos	318.22%	2203.74
2	Filling of pits 45x45x45 cm	330 Nos	159.07%	1256.64
3	Planting of Plants raised in P/ Bags	330 Nos	182.31%	1007.16
4	Carriage of Plants in P bags over distance 2 KM uphill/ down hill	330 Nos	145.49%	1755.60
5	Repair of fencing	60 Rmt.	122.66%	151.20
6	Nursery cost of Plants	330 Nos		7260.00

TOTAL:-**13634.34****SAY Rs. :-****13635.00****2nd year maintenance (20% Beating up)**

1	Re digging of pits 45x45x45 cm	220 Nos	318.22%	1469.16
2	Filling of pits 45x45x45 cm	220 Nos	159.07%	837.76
3	Planting of Plants raised in P/ Bags	220 Nos	182.31%	671.44
4	Carriage of Plants in P bags over distance 2 KM uphill/ down hill	220 Nos	145.49%	1170.40
5	Repair of fencing	60 Rmt	122.66%	151.20
6	Nursery cost of Plants	220 Nos.		4840.00

TOTAL:-**9139.96****SAY Rs. :-****9140.00****3rd year maintenance (10% Beating up)**

1	Re digging of pits 45x45x45 cm	110 Nos	318.22%	734.58
2	Filling of pits 45x45x45 cm	110 Nos.		418.88
3	Planting of Plants raised in P/ Bags	110 Nos.	159.07%	335.72
4	Carriage of Plants in P bags over distance 2 KM uphill/ down hill	110 Nos	182.31%	585.20
5	Repair of fencing	60 Rmt.		151.20
6	Nursery cost of Plants	110 Nos.		2420.00

TOTAL:-**4645.58****SAY Rs. :-****4645.00****4th year maintenance (10% Beating up)**

1	Re digging of pits 45x45x45 cm	110 Nos	318.22%	734.58
2	Filling of pits 45x45x45 cm	110 Nos.		418.88
3	Planting of Plants raised in P/ Bags	110 Nos.	159.07%	335.72
4	Carriage of Plants in P bags over distance 2 KM uphill/ down hill	110 Nos	182.31%	585.20
5	Repair of fencing	60 Rmt.		151.20
6	Nursery cost of Plants	110 Nos		2420.00

TOTAL :-**4645.58****SAY Rs. :-****4645.00**

Contd..... P/3


Range Forest Officer
Forest Range Huria
at Bruin

5th year maintenance (10% Beating up)

1	Re digging of pits 45x45x45 cm	110 Nos	318.22%	734.58
2	Filling of pits 45x45x45 cm	110 Nos.		418.88
3	Planting of Plants raised in P/ Bags	110 Nos.	159.07%	335.72
4	Carriage of Plants in P bags over distance 2 KM uphill/ down hill	110 Nos	182.31%	585.20
5	Repair of fencing	60 Rmt.		151.20
6	Nursery cost of Plants	110 Nos.		2420.00

TOTAL:-**4645.58****SAY Rs. :-****4645.00****6th year maintenance (10% Beating up)**

1	Re digging of pits 45x45x45 cm	110 Nos	318.22%	734.58
2	Filling of pits 45x45x45 cm	110 Nos.		418.88
3	Planting of Plants raised in P/ Bags	110 Nos.	159.07%	335.72
4	Carriage of Plants in P bags over distance 2 KM uphill/ down hill	110 Nos	182.31%	585.20
5	Repair of fencing	60 Rmt.		151.20
6	Nursery Cost of Plants	110 Nos.		2420.00

TOTAL:-**4645.58****SAY Rs. :-****4645.00****7th year maintenance (10% Beating up)**

1	Re digging of pits 45x45x45 cm	110 Nos	318.22%	734.58
2	Filling of pits 45x45x45 cm	110 Nos.		418.88
3	Planting of Plants raised in P/ Bags	110 Nos.	159.07%	335.72
4	Carriage of Plants in P bags over distance 2 KM uphill/ down hill	110 Nos	182.31%	585.20
5	Repair of fencing	60 Rmt.		151.20
6	Nursery Cost of Plants	110 Nos.		2420.00

TOTAL:-**4645.58****SAY Rs. :-****4645.00****8th year maintenance (10% Beating up)**

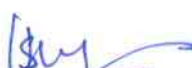
1	Re digging of pits 45x45x45 cm	110 Nos	318.22%	734.58
2	Filling of pits 45x45x45 cm	110 Nos.		418.88
3	Planting of Plants raised in P/ Bags	110 Nos.	159.07%	335.72
4	Carriage of Plants in P bags over distance 2 KM uphill/ down hill	110 Nos	182.31%	585.20
5	Repair of fencing	60 Rmt.		151.20
6	Nursery Cost of Plants	110 Nos.		2420.00

TOTAL:-**4645.58****SAY Rs. :-****4645.00****9th year maintenance (10% Beating up)**

1	Re digging of pits 45x45x45 cm	110 Nos	318.22%	734.58
2	Filling of pits 45x45x45 cm	110 Nos.		418.88
3	Planting of Plants raised in P/ Bags	110 Nos.	159.07%	335.72
4	Carriage of Plants in P bags over distance 2 KM uphill/ down hill	110 Nos	182.31%	585.20
5	Repair of fencing	60 Rmt.		151.20
6	Nursery Cost of Plants	110 Nos.		2420.00

TOTAL:-**4645.58****SAY Rs. :-****4645.00**

Contd..... P/4


Range Forest Officer
Forest Range Hurta
at Bhuin

10th year maintenance (10% Beating up)				
1	Re digging of pits 45x45x45 cm	110 Nos	318.22%	734.58
2	Filling of pits 45x45x45 cm	110 Nos.		418.88
3	Planting of Plants raised in P/ Bags	110 Nos.	159.07%	335.72
4	Carriage of Plants in P bags over distance 2 KM uphill/ down hill	110 Nos	182.31%	585.20
5	Repair of fencing	60 Rmt.		151.20
6	Nursery Cost of Plants	110 Nos.		2420.00
TOTAL:-				4645.58
SAY Rs. :-				4645.00

ABSTRACT:-

New Plantation	89820.00
1st Year Maintenance	13635.00
2nd Year Maintenance	9140.00
3rd Year Maintenance	4645.00
4th Year Maintenance	4645.00
5th Year Maintenance	4645.00
6 th year Maintenance	4645.00
7th year Maintenance	4645.00
8th year Maintenance	4645.00
9th year Maintenance	4645.00
10th year Maintenance	4645.00
GRAND TOTAL:-	149755.00
Add 25% increase on labour Rates	37439
Total cost Norm for one hectare	187194
Area to be taken for Comepsnatory Afforestation	3.00 ha
Cost for compensatory a forestation = 8.032 x 180356	1503540
Add 17.50% Departmental Charges	263120
Add 5% Contingency charges on CA	75177
Total Compensatory a forestation scheme cost	1841837
or say	1841840

Note:-

- 1 Above scheme is liable to correct as per instruction/guide lines issued by the Govt. time to time.
- 2 Any Bonafide mistake grammatical or other wise shall be liable to corrected.


Range Forest Officer
Forest Range Hurta
at Bhujin


Divisional Forest Officer
Parvati Forest Division, Shamshi.
SHAMSHI

Full Title of the Project: Hurla Top Small Hydro Power Project (3.50 MW)

File No. : _____

Date of Proposal: _____

CERTIFICATE ON VIOLATION OF PROVISIONS OF FOREST ACT

It is certified that no work in violation of provisions of Forest Conservation Act (FCA) 1980 has been carried out/ started by the User Agency i.e M/S Ashapuri Hydro Power Private(P) Limited, VPO Hurla, Distt. Kullu, HP for the construction of Hurla Top (3.50MW) SHEP till date.

Place :Bhuin


Range Forest Officer
Hurla Forest Range
at Bhuin

Full Title of the Project: Hurla Top Small Hydro Project (3.50 MW)

File No. : _____

Date of Proposal: _____

CHECK LIST SERIAL NUMBER: 20

LAND SUITABILITY CERTIFICATE BY THE DFO

This is to certify that forestland 8.032 hac. bearing Survey No./ Compartment No. 53/E/5 of 1/32 Shillagarh Forest land bank of Jhuni Beat of Hurla Forest Range, Tehsil Bhunter, District Kullu identified for Compensatory Afforestation is suitable for undertaking plantation from the management point of view and is free from all sorts of encumbrances and encroachments.

Place :Shamshi

Dated 07-09-19

Divisional Forests Officer
Parvati Forest Division, Shamshi.
Office Seal.....
SHAMSHI

Range Forest Officer,
Hurla Forest Range.
Forest Range Hurla
at Bhuin

Certificate of Non-Availability of land for Compensatory Afforestation in the District Kullu.

No: 580...../DRA

Dated: 14/03/2019....

I, Yunus, Collector of District Kullu do hereby certify that:

- (i) Relevant records pertaining to non-forest land, revenue lands, *zudpi jungle, chhote jhar ka jungle, bade jhar ka jungle, jhari-land, civil-soyam* lands and all other such categories of forest lands (except the forest land under management and administrative control of the Forest Department) on which the provisions of Forest (Conservation) Act, 1980 are applicable, available in each Sub-Division of this District have been examined; and
- (ii) I have also conducted such further enquiry as is required to satisfy myself for issue of this certificate.

On the basis of examination of all relevant records and such further enquiry, as was required for issue of this certificate, I do hereby certify that No non-forest land, revenue lands, *zudpi jungle, chhote jhar ka jungle, bade jhar ka jungle, jungle jhari-land, civil-soyam* lands and all other such categories of forest lands (except the forest land under management and administrative control of the Forest Department) on which the provisions of Forest (Conservation) Act, 1980 are applicable, which as per the extant guidelines of the Central Government may be utilized for creation of compensatory afforestation in lieu of forest land diverted for non-forest purpose, is not available in the entire Kullu District. This Certificate is being issued in favour of M/s Ashapuri Hydro Powers Pvt. Ltd. R/o village Tharas P.O. Hurla Tehsil Bhuntar Distt. Kullu (HP) for the construction of (3.50 MW) Hurla Top Small Hydro Electric Power Project on Hamka Nallah situated in Tehsil Bhuntar Distt. Kullu (HP) under the jurisdiction of Divisional Forest Officer, Parvati Forest Division Shamshi District Kullu (HP) which 4.016 hectare Forest land is acquired in Tehsil Bhuntar District Kullu (HP).

Issued under my hand and seal on thisday of March, 2019.


(Yunus, IAS)
District Collector,
Kullu.

RECLAMATION PLAN

Reclamation plan of Muck Dumping site areas in respect of Hurla Top (3.50 M.W.) SHEP falling under Hurla forest range, of Parvati forest division at Shamshi, Distt.- Kullu, Himachal Pradesh.

The reclamation plan has been prepared. As per proposal about 12345 cum of muck will be generated from various components, out of which about 10645.06 cum of muck will supposed to be utilized in various projects components for construction of retaining walls, breast walls etc. for strengthening of components and rest of muck 915 (including 45% swell factor) will be dumped in six dumping sites as shown in the proposal. As per requirement 1700.00 Sqm areas has been taken at six different places for dumping of muck in forest area to meet the total requirement of area for dumping sites. The overall capacity of muck dumping sites is more than the muck generation. Therefore to stabilize the muck in well protected manner, the work shall be done as under:

Sr. No.	Description	Unit	Qty.	Rate / Cum.	Estimated Cost (Rs.)	Total Amount (Rs.)
1 (i)	CC 1:3:6 in foundation	Cum	7.50	3539.55	26546.62	204888.79
(ii)	Retaining Wall	Cum	15.50	4628.35	71739.42	
(iii)	Boulder Wire Crates	Cum	45	2368.95	106602.75	
2 (i)	CC 1:3:6 in foundation	Cum	17.60	3539.55	62296.08	445282.61
(ii)	Retaining Wall	Cum	33.10	4628.35	153198.38	
(iii)	Boulder Wire Crates	Cum	97	2368.95	229788.15	
3 (i)	CC 1:3:6 in Foundation	Cum	18.36	3539.55	64986.13	507769.72
(ii)	Retaining Wall	Cum	41.49	4628.35	192030.24	
(iii)	Boulder Wire Crates	Cum	105.85	2368.95	250753.35	
4 (i)	CC 1:3:6 in Foundation	Cum	32.89	3539.55	116415.79	540335.56
(ii)	Retaining Wall	Cum	38.31	4628.35	177312.08	
(iii)	Boulder Wire Crates	Cum	104.10	2368.95	246607.69	
5 (i)	CC 1:3:6 in Foundation	Cum	29.89	3539.55	105797.14	1082572.01
(ii)	Retaining Wall	Cum	138.31	4628.35	640147.08	
(iii)	Boulder Wire Crates	Cum	142.10	2368.95	336627.79	

6 (i)	CC 1:3:6 in Foundation	Cum	15.89	3539.55	56243.44	
(ii)	Retaining Wall	Cum	38.31	4628.35	177312.08	
(iii)	Boulder Wire Crates	Cum	124.10	2368.95	293986.69	527542.21
Gross Total						3308390.90

(A) This part of construction of check walls with wire crates stones and filling of excavated material shall be done by the user agency itself. As per proposal Rs. 3308390.90 (Rupees One Thirty three Lakh Eight Thousand three Hundred and Ninety only) is proposed for civil engineering works. These works will be carried out before dumping the muck at dumping site.

(B) The second part for raising suitable plantation etc. on the muck dumping sites shall be implemented by the Forest Development at the cost of user agency. As per the proposal Rs. 3,64,580/-
(Rupees Three Lakhs Sixty Four Thousand Five Hundred eighty) only with the forest department for raising suitable plantation. Necessary rehabilitation measures for the unused dumping material at different sites shall be carried out by afforestation to provide vegetation cover there on.

Date: 07-09-19
Place: Shamshi

For Ashapuri Hydro Powers Pvt. Ltd.

(Authorized Signatory)

Counter Signed By

[Signature]
Range Forest Officer
Forest Range Hurta
at Bhruin

[Signature]
Divisional Forest Officer,
Parvati Forest Division,
Shamshi, Distt. Kullu (H.P.)

Annexure-III

Muck Management Plan of Hurla Top S.H.E.P. (3.50 MW)

Sr. No.	Project Component	Quantity of Muck/debris generated (Cum)	Additional Quantity of muck due to 45% swell factor (Cum)	Total quantity including swell factor (Cum)	Name of the Dumping site as shown in the plan	Capacity of muck dumping site (LxBxH) in (Cum)	Remarks
1	WEIR+INTAKE (19.88X14.20)m	254.07	114.33	368.40	Muck Dumping Site-1 Near Diversion Site	[15.62X9.94X(0+5)/2]=388.16 m³	Dumped in M.D.1
2	H.R.T.-I (230.04X2.84)m	993.79	447.21	1441.00	Muck Dumping Site-2 Near H.R.T. in let	[29.82X19.88X(1+7)/2]=2371.29 m³	Dumped in M.D.2
3	Desilting Tank (49.70x8.52)m	635.17	285.8	920.99			Dumped in M.D.2
4	Adit -1 (69.58x2.84)m	300.59	135.27	435.86	Muck Dumping Site-3 Near Adit-1	{[15.00X19.88X(0+11)/2]+[14.82X19.88X(8+10)/2]} = 4291.70 m³	Dumped in M.D. 3
5	H.R.T.-II (1114.70X2.84)m	4815.61	2167.02	6982.63			Dumped in M.D. 3 & 4
6	Adit -2 (62.48x2.84)m	269.92	121.46	391.38	Muck Dumping Site-4 Near Adit-2	[10.56X19.88X(0+12)/2]+[15.00X19.88X(0+11)/2]=2943.83m³	Dumped in M.D. 4.
7	Sampark Marg (19.88x3.55)m	63.52	28.58	92.10			Dumped in M.D. 4 & 5
8	Surge Shaft (19.88x19.88)m	355.69	160.06	515.75	Muck Dumping Site-5 Near Surge Shaft	{[9.98X19.88X(0+6)/2]+[10X19.88X(0+6)/2]} = 1191.61 m³	Dumped in M.D. 5
9	Penstock (296.78X2.84)m	379.28	170.68	549.96			Dumped in M.D.5 & 6
10	Power House (25x25.56)m	306.72	138.02	444.74	Muck Dumping Site-6 Near Power House	9.88X19.88X(1.8+5)/2+10.00X19.88X(0+7.4)/2=1403.37m³	Dumped in M.D.6 & Filling work at road & Switch Yard.
11	T.R.C. (12.78x2.84)m	21.78	9.80	31.58			Dumped in M.D.6 & Filling work at road & Switch Yard.
12	Approach Road (29.82x5.68)m	101.63	45.73	147.36			Dumped in M.D.6 & Filling work at road & Switch Yard.
13	Switch Yard FILLING (24.70x25.56)m	-946.998	FILLING	-947.0	FILLING	FILLING	FILLING WORK
TOTAL MUCK GENERATION = 12321.76 (cum)					TOTAL CAPACITY OF MUCK DUMPING = 12589.94(cum)		
					CAPACITY OF FILLING AREA = 947.00(cum)		

For Aashapuri Hydro Power Pvt. Ltd
Director

Range Forest Officer
Forest Range Hurla
Shuvin

Divisional Forest Officer
Parvati Forest Division
Shamshi

MUCK MANAGEMENT PLAN OF HURLA TOP SMALL HYDRO POWER PROJECT (3.50 MW) IN HURLA FOREST RANGE, PARVATI FOREST DIVISION, SHAMSHI, DISTT.- KULLU(H.P.)								
Sr. No.	Name of Dumping Site	Location	Length In Meters	Width in Meters	Area In m ²	Height In Meter	Capacity Of Dumping m ³	Remarks
1	Dumping Site -1	Near Diversion site	15.62	9.94	155.26	2.5	388.16	Forest Land
2	Dumping Site -2	Near H.R.T. In Let	29.82	19.88	592.82	4	2371.29	Forest Land
3	Dumping Site -3	Near Adit- I	29.82	19.88	592.82	14.5	8595.91	Forest Land
4	Dumping Site -4	Near Adit-II	25.56	19.88	508.13	11.5	5843.53	Forest Land
5	Dumping Site -5	Near Surge Shaft	25.56	19.88	508.13	6	3048.80	Forest Land
6	Dumping Site -6	Near Power house	19.88	19.88	395.21	7.1	2806.02	Forest Land

Dated :-

Place :- Shamshi

For Ashapuri Hydro Power Pvt. Ltd.
Director

Authorised Signatory M/s Ashapuri Hydro
Powers Private limited

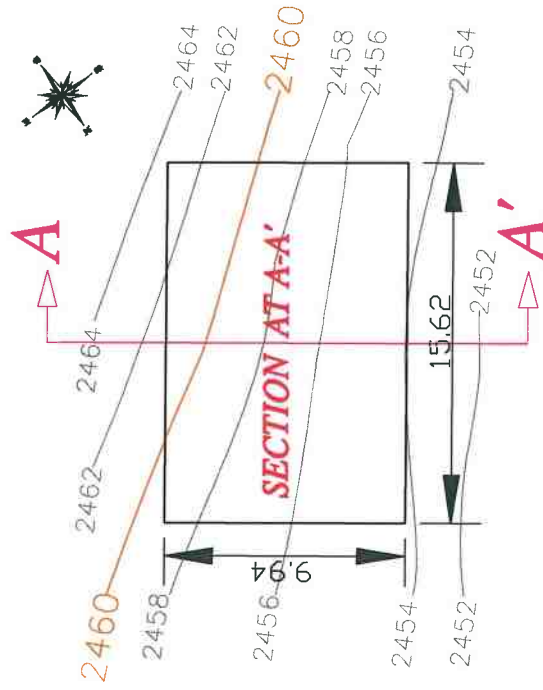
Range Forest Officer,
Hurla Forest Range

Divisional Forest Officer
Parvati Forest Division
Shamshi

**Plan & Section of M.D.-1
Hurula Top S.H.E.P. (3.5 MW)
Distt. Kullu H.P.**

SCALE = (Horizontal & Vertical 1:1000)

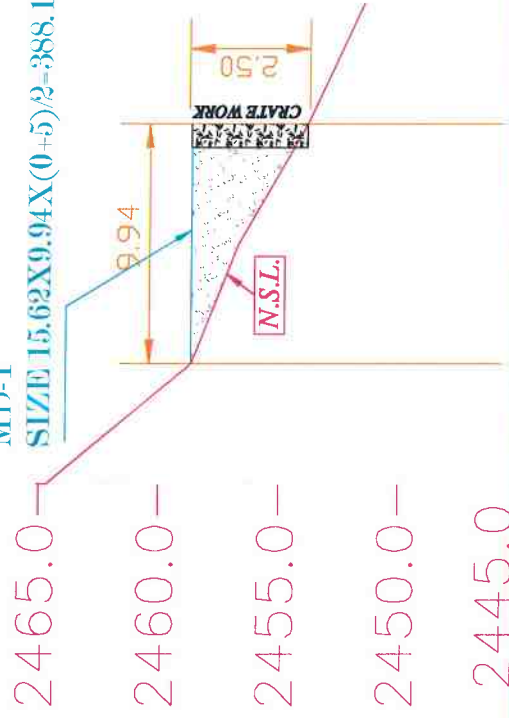
Plan of M.D. 1



Size 15.62x9.94m

MD-1 SECTION AT A A'

MD-1
SIZE 15.62X9.94X(0+5)/2=388.16m³



DATUM	0.0	5.0	10.0	15.0	20.0
R.D.	2464.574	2458.576	2456.62	2453.743	2451.406
R.L.					

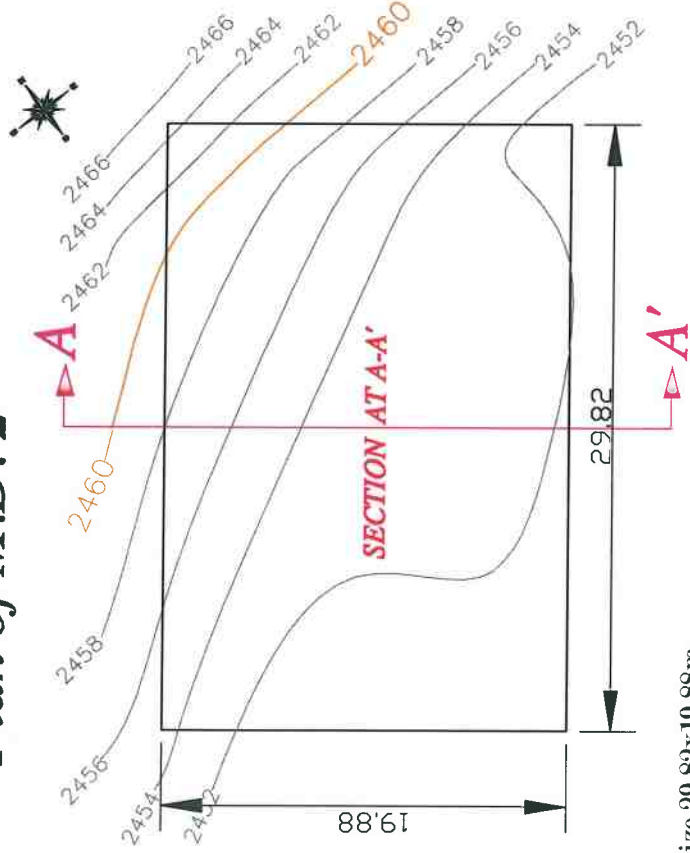
Range Forest Officer
Forest Range Hurula

Divisional Forest Officer
Parvati Forest Division

Plan & Section of M.D.-2 Hurla Top S.H.E.P. (3.5MW) Distt. Kullu H.P.

SCALE = (Horizontal & Vertical 1:1000)

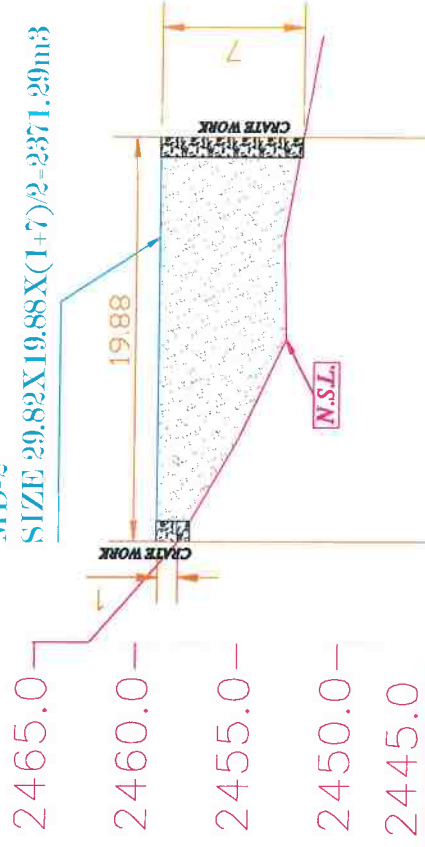
Plan of M.D. 2



MD-2 SECTION AT A-A'

MD-2

SIZE 29.82X19.88X(1+7)/2-2371.29m³



DATUM	2462.192	5.0	10.0	15.0	20.0	25.0	30.0
R.D.	2462.192	2457.82	2454.984	2452.624	2452.749	2451.886	2450.947
R.L.							

For Aashapuri Hydro Power Pvt. Ltd.
Director

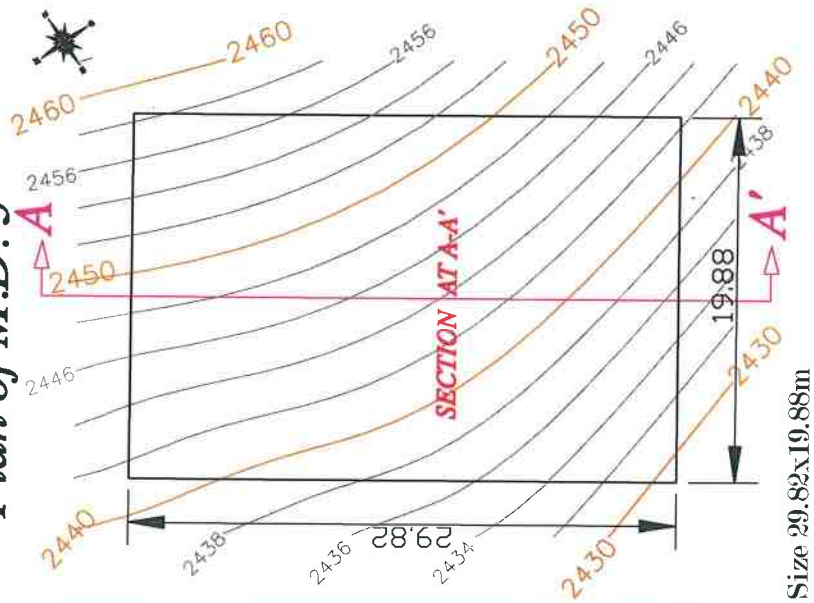
Ranger Forest Officer
Forest Range Hurla

Divisional Forest Officer
Parvati Forest Division
Shamshi

**Plan & Section of M.D.-3
Hurula Top S.H.E.P (3.5MW)
Distt. Kullu H.P.**

SCALE = (Horizontal & Vertical 1:1000)

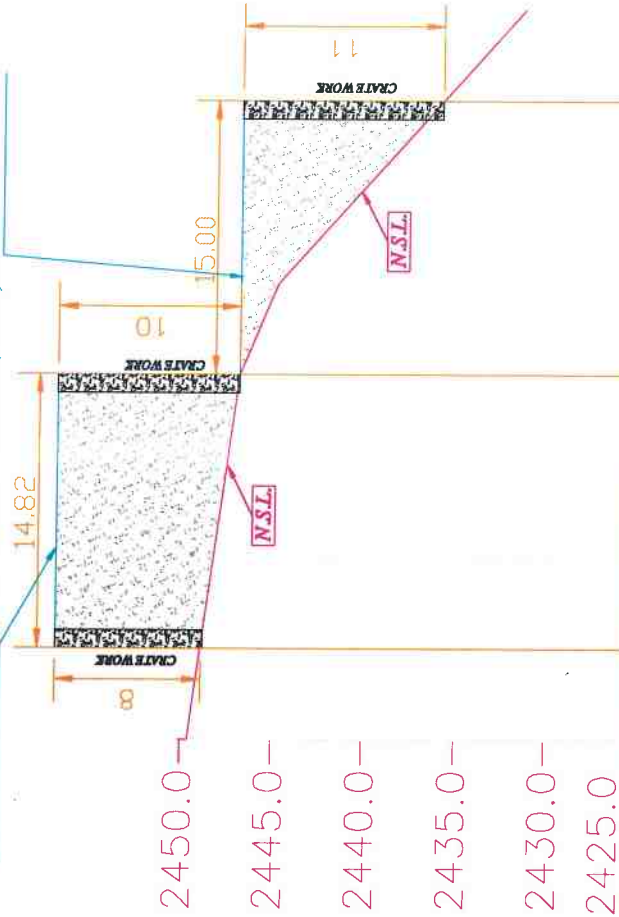
Plan of M.D. 3



MD-3 SECTION AT A A'

MD-3 SIZE

15.0X19.88X(0+11)/2+14.82X19.88X(8+10)/2=4291.69m³

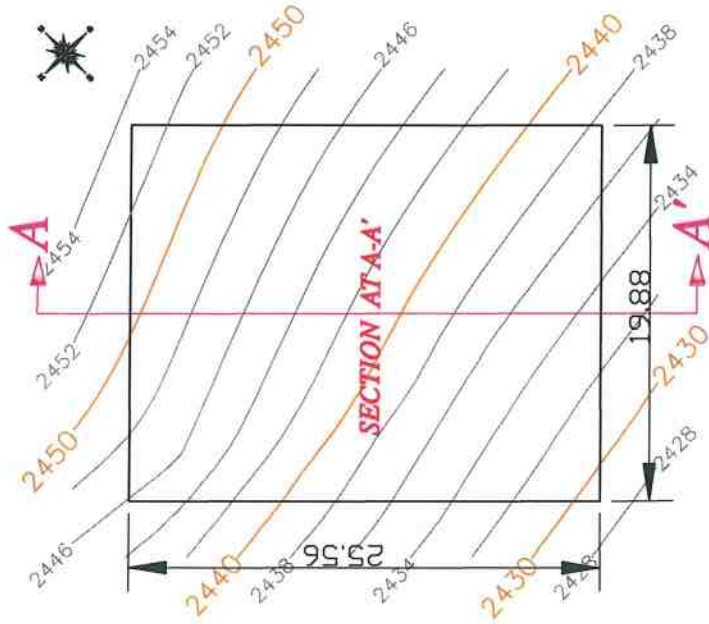


DATUM	2449.512	0.0	2448.826	5.0	2448.14	10.0	2447.454	15.0	2446.768	20.0	2444.697	25.0	2440.235	30.0	2435.773	35.0	2431.311	40.0
R.D.																		
R.L.																		

Plan & Section of M.D. 4
Hurla Top S.H.E.P (3.5MW)
Distt. Kullu H.P.

SCALE = (Horizontal & Vertical 1:1000)

Plan of M.D. 4

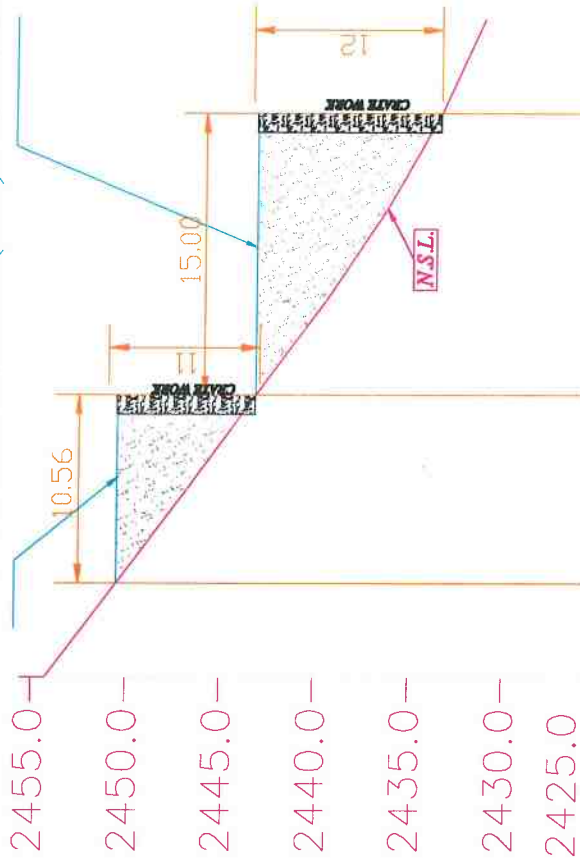


Size 25.56x19.88m

MD-4 SECTION AT A-A'

MD-4

$$15.0 \times 19.88 \times (0 + 12) / 2 + 10.56 \times 19.88 \times (0 + 11) / 2 = 2943.83 \text{ m}^3$$



DATUM	2454.144	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0
R.D.	2450.392	2446.692	2443.025	2439.358	2436.047	2433.277	2430.010		
R.L.									

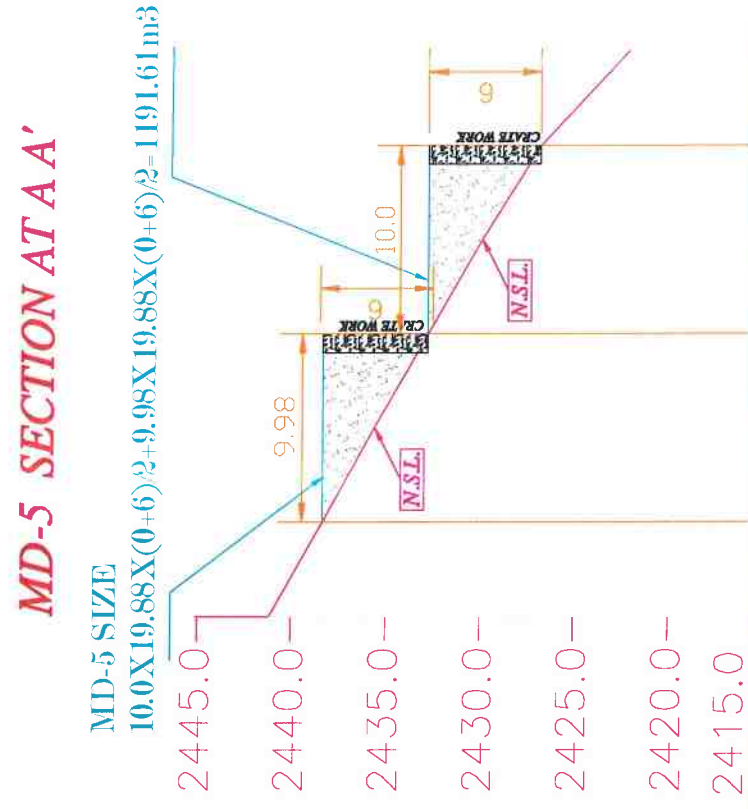
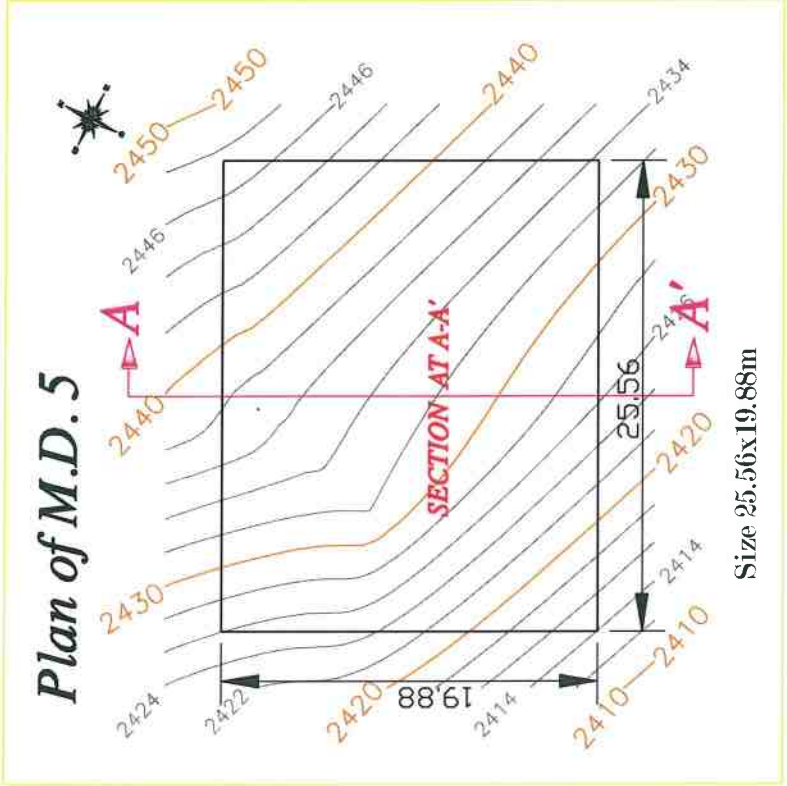
Divisional Forest Officer
Parvati Forest Division
Shamshi

Range Forest Officer
Forest Range Hurla

For Aashapuri Hydro Power Project

**Plan & Section of M.D.-5
Hurula Top S.H.E.P (3.5MW)
Distt. Kullu H.P.**

SCALE = (Horizontal & Vertical 1:1000)

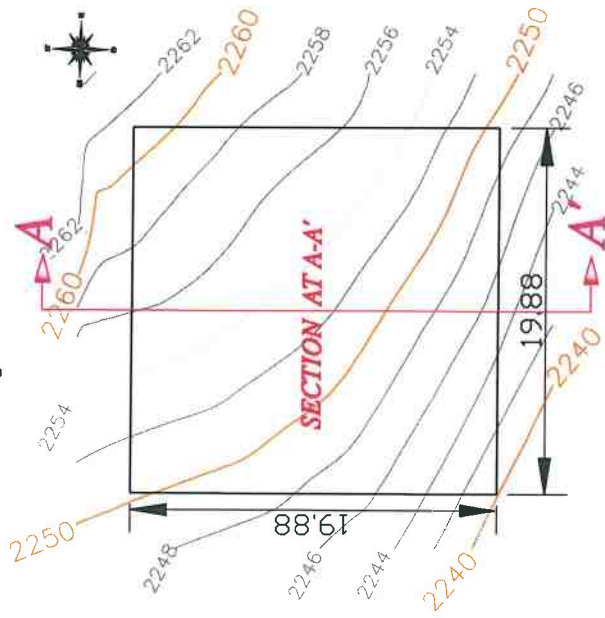


DATUM	0.0	5.0	10.0	15.0	20.0	25.0	30.0
R.D.	2441.062	2438.247	2435.527	2432.667	2429.808	2426.687	2422.019
R.L.							

**Plan & Section of M.D.-6
Hurla Top S.H.E.P (3.5MW)
Distt. Kullu H.P.**

SCALE = (Horizontal & Vertical 1:1000)

Plan of M.D. 6

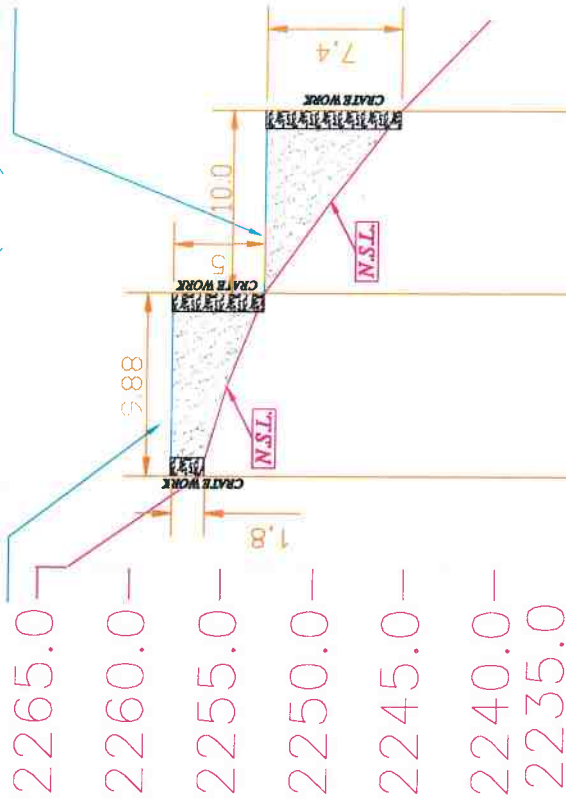


Size 19.88x19.88m

MD-6 SECTION AT A-A'

MD-5 SIZE

$10.0 \times 19.88 \times (0 + 7.4) / 2 + 9.88 \times 19.88 \times (1.8 + 5) / 2 = 1403.37 \text{ m}^3$



DATUM	2263.254	0.0	5.0	10.0	15.0	20.0	25.0	30.0
R.D.	2256.079	2254.623	2252.608	2249.071	2245.213	2240.375		
R.L.								

Divisional Forest Officer

Parvati Forest Division
Shamshi

Range Forest Officer
Forest Range Hurla

For Aashapuri Hydro Power Project
Nashik

Per hectare cost norm of reclamation plan for Bio engineering measures on Muck dumping sites of Huria Top Small Hydro Electric Power Project (3.50 MW) after stablization of sites (M/S Ashapuri Hydro Private (P) Limited)

Area of muck dumping sites = 0.278 hac. these works will be carried out by forest department after stablization.									
S.No.	Particulars	No	L	B	H	Qty	Unit	Rate	Amount
1	Removal of slips in all kinds of soil	1	500	20	0.25	2500	P/Cum.	75.04	187600
2	surface dressing i/c cutting & filling up to 15 Cm spade work.	1	500	20	0.15	1500	P/Cum.	16.81	25215
3	Dry stone random rubble masonry (uncoursed/brought to course) in foundation & plinth. Horizontal side	150	10	0.45	0.45	303.75			
	Vertical side	154	10	0.45	0.45	311.85			
	Total					615.6	P/Cum.	188	115702
						10000	P/Sqm.	1.96	19600
4	Mixing of farm yard manure	100	10	10	0	5	P/Kg.	150	750
5	Collection of seed for sowing of Bio engineering spp.								
6	Broadcast sowing of seeds in area of Bio engineering spp.					1	P/Hac.	360	360
						500	P%	125	625
	Rod planting /fixing of cuttings in area.								
8	Trenching for planting of Bio engineering spp. 10x7 cm.					200	P/Rmt.	25	5000
						2000	P%	250	5000
9	Planting of Bio engineering spp. In trenches.					2000	P/ Plant	3	6000
10	Nursy cost of Bio engineering plants								
11	carriage of plants up to work site by vehicle one trip					2000	P/Trip	1500	1500
	Cost norm for long term measures Total area = 1 Hac.					2000	P/ Plant	3	6000
1	Raising of seedlings of Bio engineering spp. In nursery								
2	Trenching for planting of Bio engineering spp. 10x7 cm.					200	P/ Rmt.	25	5000
						5000	P%	250	12500
3	Planting of seedlings in area 5000 No p/Hac.								
4	Preparation of strips i/c sowing in strips 100x30x5 cms, for grass sowing along contour at interval 2 mtrs apart.					5000	P%	429.5	21473
						5000	P/ Trip	1500	1500
	Carriage of seedling up to work site by vehicle one trip					1	P/ Hac.	7200	7200
	1st year gap filling 25%					1	P/ Hac.	4300	4300
6	2nd year gap filling 15%					1	P/ Hac.	2900	2900
7	3rd year gap filling 10%								428225
	Total								642337
	Add 150 % increase on labour rates								1070561
	Total								187348
	Add 17.50 % Departmental charges								53528
	Add 5% contingency charges								1311438
	G. Total per hectare								364580
	Area of muck dumping sites					0.278 ha x 1311438			364580.00
						or say			364580

Total reclamation scheme cost

Range Forest Officer
Forest Range Huria
at Bhuin

DIVISIONAL FOREST OFFICER
PARVATI FOREST DIVISION Shamshi.
SHAMSHI

79.

JOINT INSPECTION REPORT

The joint inspection of the site for the diversion of 4.016 hectare of forestland for the construction of Hurla Top (3.50 MW) Small Hydro Electric Power Project was carried out in the presence of staff of Forest Department and Revenue Department on **22nd June, 2018**.

The User Agency has proposed three different alignments. In 1st alignment total 4.016 hectare of forestland is involved with least number of trees getting affected. In 2nd alignment and 3rd alignment are rejected due to thick forest and more over topography of the same is not suitable for the water conductor system, penstock and slopes are not stable for construction of project. Since 1st alignment is geological more stable, involves minimum forest land and least number of trees, the same has been finalized and the 2nd alignment and 3rd alignment has been rejected by the joint inspection committee.

There is no scope of avoidance of forestland. However all efforts have been made to minimize the use of forestland. The diversion of 4.016 hectare of forestland is bare minimum and cannot be escaped.

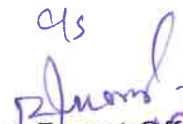
The Joint Inspection Committee therefore recommends diversion of 4.016 hectare of forestland (revenue details enclosed herewith) under section 2 of Forest Conservation Act (FCA) 1980.


Divisional Forest Officer,
Parvati Forest Division Shamshi


Sub Divisional Officer (C),
Sub Division Kullu


Assistant Conservator of Forests,
Parvati Forest Division, Shamshi.


Tehsildar,
Bhunier, Distt. Kullu


Range Forest Officer,
Hurla Forest Range
Forest Range Hurla
at Bhuiin

For Ashapuri Hydro Power Pvt. Ltd.

Authorized Signatory,
M/S Ashapuri Hydro Power Pvt. Ltd. Director


B.D. Thakur
22/6/18

Himachal Pradesh Forest Department

Parbati Forest Division, Shamshi.

Calculation of Net Present Value (NPV) as per Hon'ble Supreme Court of India order dated 28.03.08 in CWP@ 202 of 1995

and as per recommendation of State Advisory Group meeting dated 24.01.12 of 4.016 ha forestland proposed for diversion in favour of M/S Ashapuri Hydro Private (P) Limited, VPO Hurla, Distt. Kullu, HP - 175125

Name of the Project		: Hurla Top Small Hydro Project (3.50 MW)						
User Agency		: M/S Ashapuri Hydro Private (P) Limited, VPO Hurla, Distt. Kullu, HP - 175125						
S. No	Name of the Forest	Location	Area in Ha			Category of NPV	Rate	Category of rate for NPV
			Mature * Stems	Area ^ involved	Crown density			
1	R/11 Hamkadhar Forest	Jhuni Beat of Hurla Forest Range	18	4.016 ha	4.48% = 0.001	Open Forest	699000/-	Eco-Class VI
Total :-			4.016 ha					

Notes

All trees above Dia class – III + Half the number of all the

* Mature stems = trees Dia Class IV and below

Area involved in the construction of Hurla Top Small Hydro

^ Area involved = Project

ABSTRACT (Rupees in Rs and Area in Ha)

Forest Cover Classes	Category of rate for NPV	Area involved	Rate	Amount	50% of NPV rates
	Open Forest	4.016 ha	699000/-	28,07,184/-	14,03,592/-

(Rupees Fourteen Lakhs Three Thousand Five Hundred Ninety Two Only).

Range Forest Officer
Forest Range Hurla
at Bhuin

Divisional Forest Officer
Parvati Forest Division, Shamshi.

Bill of trees coming in the Final Alignment of Hurla Top SHEP (3.50 MW)
M/S Ashapuri Hydro Private (P) Limited, Kullu, HP (Area proposed for diversion = 4.016 ha.)
Enumeration list of trees of Jhuni Beat, Thella Block, Hurla Forest Range, Parvati Forest Division
TOTAL ABSTRACT

TOTAL ABSTRACT																
S.No	Species	No. & Vol. (m ³)	Class wise									Total		Rate/ m ³	Amount In Rs.	
			V	IV	III	II A	II B	IA	IB	IC	ID	No.	Volume (m ³)			
1	Rai	No.	0	0	0	0	1	0	0	1	0	2				
		Vol.	0	0	0	0	3.11	0	0	8.49	0	0	11.6	26141	303236	
2	Tosh	No.	0	0	1	0	0	0	0	0	0	1			0	
		Vol.	0	0	0.85	0	0	0	0	0	0	0	0.85	26141	22220	
3	Ban	No.	0	1	0	0	0	0	0	0	0	1			0	
		Vol.	0	0.30	0	0	0	0	0	0	0	0	0.30	8020	2406	
4	Khanor	No.	0	0	0	1	0	0	0	0	0	1			0	
		Vol.	0	0	0	1.70	0	0	0	0	0	0	1.7	8020	13634	
5	Walnut	No.	0	0	0	0	0	1	1	0	0	2			0	
		Vol.	0	0	0	0	0	3.8	5.1	0	0	0	8.90	37300	331970	
6	Mahun	No.	0	0	0	0	0	2	0	1	0	3			0	
		Vol.	0	0	0	0	0	8.00	0	7.80	0	0	15.80	8020	126716	
7	Shagdu	No.	0	1	1	0	1	0	0	0	0	3			0	
		Vol.	0	0.40	0.80	0	2.40	0	0	0	0	0	3.60	8020	28872	
8	Sharodi	No.	1	3	0	0	0	0	0	0	0	4			0	
		Vol.	0.028	1.20	0	0	0	0	0	0	0	0	1.23	8020	9849	
9	Bael	No.	1	0	0	0	0	0	0	0	0	1			0	
		Vol.	0.028	0	0	0	0	0	0	0	0	0	0.03	8020	225	
10	Mandru	No.	0	1	0	0	0	0	0	2	0	3			0	
		Vol.	0	0.20	0.00	0	0	0	0	13.8	0	0	14.00	8020	112280	
Total												21	58.01		951407	
												I Tax@ 3%			28542	
												Surcharge on I Tax 3%			28542	
												Grand Total:-			1008491	

Rupees Ten Lakhs Eight Thousand Four Hundred Ninety One Only)

th
Divisional Forest Officer
Parvati Forest Division, Shamshi
SHAMSHI

UNDERTAKING

It is certified that in case the trees except for those mentioned in the enumeration list (attached) are affected / damaged during the construction work of Hurla Top SHEP (3.50 M.W.), the user agency i.e. M/s Ashapuri Hydro Powers Private Limited Shall be liable for penal action under IFA, FCA or any other forest act and damages will be paid by the user agency to the forest department at once.

Date: 07-09-19.....

For Ashapuri Hydro Powers Pvt Ltd.

Place: Shamshi

For Aashapuri Hydro Power Pvt. Ltd.
(Authorized Signatory)
Director

Counter signed by

Range Forest Officer
Forest Range Hurla
at Bham

Divisional Forest Officer,
Parvati Forest Division,
Shamshi, Distt Kullu (H.P.)

88
721

**UNDERTAKING FOR THE TREES FALLING UNDER THE
CORRIDOR / CONDUCTOR OF TRANSMISSION LINE**

We, M/s Ashapuri Hydro Powers Pvt Ltd. do hereby undertake that during the construction / laying of transmission line of Hurla Top SHEP (3.50 M.W.), the guidelines issued by the joint Secy. (Forest) Govt. of H.P. shall be strictly followed i.e. minimum 2.8 mtr. Clearance between conductor and trees shall be maintained. The sag and swing of conductors / lines shall be kept in view while working out the minimum clearance maintained as above. Also in case of transmission lines to be constructed in hilly area, where adequate clearance is already available will not be cut.

Date: 07-09-19
Place: Shamshi

For Ashapuri Hydro Powers Pvt Ltd.
For Ashapuri Hydro Power Pvt. Ltd.
(Authorized Signatory)

Range Forest Officer
Forest Range Hurla
at Bhuin

Counter signed by

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

UNDERTAKING

We, Ashapuri Hydro Powers Pvt Ltd., do hereby undertake that we shall not establish / set up any labour camps, offices (Temporary / Permanent) in the forest area during the construction of Hurla Top (3.50 M.W.)

Date: 07-09-19
Place: Shamshi

For Ashapuri Hydro Powers Pvt Ltd.
For Ashapuri Hydro Powers Pvt Ltd.
(Authorized Signatory)

Counter signed by

Range Forest Officer
Forest Range Hurla
at Bhui

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

UNDERTAKING

We, Ashapuri Hydro Powers Pvt Ltd., executing Hurla Top SHEP (3.50 M.W.), do hereby undertake to provide cooking gas / kerosene oil to the workers / labours. Fuel wood if required shall be purchased from Himachal Pradesh State Forest Corporation.

Date: ...07-09-19.....
Place: Shamshi

For Ashapuri Hydro Powers Pvt Ltd.
For Ashapuri Hydro Powers Pvt Ltd.
(Authorized Signatory)

Director

Counter signed by


Range Forest Officer
Forest Range Hurla
at Bhain


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

UNDERTAKING

We, M/S Ashapuri Hydro Powers Pvt Ltd., executing Hurla Top SHEP (3.50 M.W.), do hereby undertake not to change the proposed alignment of different component of the project.

Date: 07-09-19
Place: Shamshi

For Ashapuri Hydro Powers Pvt Ltd.

For Ashapuri Hydro Power Pvt. Ltd.
(Authorized Signatory)
Director

Counter signed by

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

UNDERTAKING

It is certified that in case of any extra land over and above the approved land for the diversion is affected during the construction work of Hurla Top (3.50 MW) Hydro Electric Project, the user agency i.e M/S Ashapuri Hydro Powers Pvt Ltd. shall be liable for penal action under IFA, FCA and any other forests acts and damages will be paid by the user agency to the Forest department at once.

Date: 07-09-19

For M/S Ashapuri Hydro Powers Pvt Ltd.

Place: Shamshi

For Aashapuri Hydro Power Pvt. Ltd.
(Authorized Signatory)
Director

Counter Signed


Divisional Forest Officer
Parvati Forest Division, Shamshi
SHAMSHI

UNDERTAKING

I, We M/s Ashapuri Hydro Powers Pvt Ltd. Distt- Mandi, HP do hereby undertake to pay the Net Present value (NPV) of ~~4.246~~ ha of Forestland to be diverted for the construction of Hurla Top SHEP (3.50 MW) on revised rates, if the rates of NPV are revised by the Hon'ble Supreme Court of India at any time.

Date: 07-09-19
Place: Shamshi

M/s Ashapuri Hydro Power Pvt. Ltd.

M/s Ashapuri Hydro Powers Pvt Ltd.

Counter Signed


Divisional Forest Officer
Parvati Forest Division, Kullu.
SHAMSHI

UNDERTAKING

It is hereby undertaken that geo- referenced boundary in shape file and digital map with a hard copy by using total station of differential GPS, in respect of diversion of forestland for the construction of Hurla Top SHEP(3.50 MW), which is under process and will be submitted later on, when this exercise is completed with due verification of competent authority of Forest Department.

Date: 07-09-19

Place: Shamshi

For Aashapuri Hydro Power Pvt. Ltd

Ashuri
Director

M/s Ashapuri Hydro Powers Pvt Ltd.,

Counter Signed

h.
Divisional Forest Officer
Parvati Forest Division Shamshi.
SHAMSHI

मौलिक विद्युत धारिता लघु जिला विद्युत परियोजना विकास प्राधिकरण
जाला (3.5 m.w) कार्य चाली कोषी कोटकाट्ट रहने हेतु
जिला कुल्लु (हि.प्र.)

①

क्र.सं.	जम्मा खसरा		उत्तर खसरा	रकबा मस्र किलो	कोटिकाट्ट
	जायक	डाल	रकबा		
1	2	3	4	5	6
1	अज वंश जिला विद्युत	हुकडा नं० 1	$14 \times 10 = 140$	0-7-0 वकदीन	वीसर जाल
2	—	हुकडा नं० 2	$11 \times 7 = 77$	0-3-7 वकदीन	MD—I
3	—	हुकडा नं० 3	$14 \left(\frac{2+3}{2} \right) = 35$	0-1-15 वकदीन	सम्पत्ति भाग
4	—	हुकडा नं० 4	$21 \times 14 = 294$	0-4-14 वकदीन	MD—II
5	—	हुकडा नं० 5	$162 \times 2 = 324$	0-6-4 वकदीन	बुकीगल वरि वैकल
6	—	हुकडा नं० 6	$35 \times 6 = 210$	0-10-10 वकदीन	डिल्लोटिगल
7	—	हुकडा नं० 7	$49 \times 2 = 98$	0-4-18 वकदीन	गडल—I
8	—	हुकडा नं० 8	$21 \times 14 = 294$	0-4-14 वकदीन	MD—III
9	—	हुकडा नं० 9	$35 \times 2 = 70$ क) $569 \times 2 = 1138$ ख) $100 \times 2 = 200$ ग) $81 \times 2 = 162$ 1570	3-18-10 वकदीन	बुकीगल नाइर वैकल 2.

Handwritten signature
14-2-18

नाम पटवारी
पटवार वृत्त
तह. भुत्तर, जिला कुल्लु (हि.प्र.)

हस्ताक्षर पटवारी
12-03-201

1	2	3	4	5	6
10	अन वकाल जिला पंचायत	हूंक 10	$44 \times 2 = 88$	04-8 वकालीन	जिले-2
11	—	हूंक 11	$18 \times 14 = 252$	02-12 वकालीन	MD-IV
12	—	हूंक 12	$14 \times 14 = 196$	09-16 वकालीन	शक्तिशाप
13	—	हूंक 13	$18 \times 14 = 252$	01-12-12 वकालीन	MD-V
14	—	हूंक 14	$209 \times 2 = 418$	1-0-18 वकालीन	पैन हल
15	—	हूंक 15	$35 \times 18 = 630$	1-11-20 वकालीन	इमार्गद विषय-या
16	—	हूंक 16	$9 \times 2 = 18$	00-18 वकालीन	जिले-2
17	—	हूंक 17	$14 \times 14 = 196$	09-16 वकालीन	MD-VI
18	—	हूंक 18	$21 \times 4 = 84$ $18 \times 4 = 72$ 156	0-7-16 वकालीन	सम्पत्ति कार इमार्गद
जिला पंचायत 18		—	—	13-2-8	106/ HAD

Handwritten signature
A. Bhunia
14-2-18

सत्यापित निपात
नाम पटवारी
पटवार वृत्त
तह. मुन्तर, जिला कुल्लू (हि.प्र.)

हस्ताक्षर पटवारी
12-03-2018

गैल (बिच कापल विभाग) इन्टरनेशनल लाईन (इन्टर) लक्ष्मी जल 120
 गैरमोजन सिन्ड्रोम (Inter Connection बिना) कविदार काय फारली
 मोरी कोलकाता वह भूत जिला केल्ल (हि.प्र.)

क्रमांक	पत्रक जलरा		इस्त खराक रकवा	रकवा केय किलर	कोमयन
	जापक	हाल			
1	2	3	4	5	6
1	सुत वज	लुकडा	$50 \times 11 = 550$	36-10-11	लाहरी
	विला	कठ 1	क) $50 \times 11 = 550$	पंकजी	लाहरी
	पेयका		ख) $50 \left(\frac{10+11}{2} \right) = 525$		
			ग) $73 \times 11 = 803$		
			घ) $105 \times 11 = 1155$		
			ड) $70 \left(\frac{10+11}{2} \right) = 735$		
			क) $77 \left(\frac{10+11}{2} \right) = 808$		
			ख) $45 \left(\frac{10+11}{2} \right) = 472$		
			ग) $66 \times 11 = 726$		
			घ) $64 \times 11 = 704$		
			ज) $49 \left(\frac{10+11}{2} \right) = 514$		
			ल) $63 \left(\frac{10+11}{2} \right) = 661$		
			ठ) $75 \left(\frac{10+11}{2} \right) = 787$		
			ड) $63 \left(\frac{11+10}{2} \right) = 661$		
			क) $110 \times 11 = 1210$		
			ख) $56 \times 11 = 616$		
			ग) $92 \times 11 = 1012$		
			घ) $45 \times 11 = 495$		
			ड) $95 \left(\frac{10+11}{2} \right) = 997$		
			क) $60 \left(\frac{10+11}{2} \right) = 630$		
			ख) $14 \times 11 = 154$		
					9.955/HAG

तस्मात् कि जाली है
 कि इन्टरनेशनल लाईन
 के फीचर एक सही व
 दुस्त है वास्तव उज
 वस्तु छुट

नाम पटवारी.....
 पटवार वृत्त.....
 तह, भुन्तर, जिला कुल्लू (हि.प्र.)

हस्ताक्षर पटवारी
 12-12

Hand
 Telephone
 144-2108

DETAIL REGARDING ROAD

HUIRLA TOP SHEP (3.50) MW

Sr. No.	Description of Items	Details of Items
1	Approach Road from Main Road to Power House (Forest land)	
A	Total length of the road	29.82 Mtr.
B	Width of the Road	5.68 Mtr

Date: 07-09-19

Place: Bhunter

Range Forest Officer
Forest Range Hurta
at Bhun

For Ashapuri Hydro Power Pvt. Ltd.
For Ashapuri Hydro Power Pvt. Ltd.

(Authorized signatory)

DIVISIONAL FOREST OFFICER
PARVATI FOREST DIVISION
SHAMSHI

STATEMENT SHOWING DETAILS REGARDING TRANSMISSION LINE OF HURLA TOP SMALL HYDRO POWER PROJECT (3.50 MW) IN HURLA FOREST RANGE OF PARVATI FOREST DIVISION, SHAMSHI, DISTRICT- KULLU(H.P.)

Sr. NO.	Description Of Items	Details of Items
1	Voltage of Transmission Line	33 KV
2	Toatal Length Of Transmission Line	1920.14 Meter
3	Length of Transmission Passing Through Forest Area	1920.14 Meter
4	Length of Transmission Passing Through Non-Forest Area	NIL
5	Right of Way / Width of Corridor	15 Meter
6	No. of Two Pole Structure To Be Erected	21
7	No. of Poles To Be Erected In Forest Area	21
8	No. of Poles To Be Erected In Non- Forest Area	NIL
9	Height of Transmission Line	8 Meter

For Aashapuri Hydro Power Pvt. Ltd
Authorised Signatory
M/s Ashapuri Hydro Power Private Limited

Range Forest Officer,
Hurla Forest Range
Forest Range Hurla
at Bhuin

Divisional Forest Officer,
Parvati Forest Division, Shamshi

STATEMENT SHOWING NUMBER OF POLE STRUCTURE TO BE ERRECTED IN THE FOREST AREA AND WIDTH OF THE RIGHT WAY FOR 33 KV TRANSMISSION LINE FOR HURLA TOP SMALL HYDRO POWER PROJECT (3.50 MW) DISTT. KULLU (H.P)

KULLU (H.P)

KULLU (H.P)														
RIGHT WAY FOR 33 KV TRANSMISSION LINE				Length of Line In Forest Land	Length of Line In Non-Forest Land In Karams	Name of Mohal	Width of Right Of Way		Area To Be Used In Non-Forest Land		Khasra No./Tukhd a No. In Forest/Non-Forest Land	Status Of Land		
Sr. No.	Pole No.	Length of Line In Forest Land					In Karam	In Meter	In Karam	In Meter			In Karam ²	In Meter ²
		In Karam	In Meter											
1	1	2	3	5	6	7	8	9	10	11	12	13	14	15
1	1	2	50	73.18	NIL	Phati Parli	11	15	550	1097.70	NIL	NIL		
2	2	3	50	72.96	NIL	Phati Parli	11	15	550	1094.40	NIL	NIL		
3	3	4	50	72.51	NIL	Phati Parli	11	15	525	1087.65	NIL	NIL		
4	4	5	73	107.87	NIL	Phati Parli	11	15	803	1618.05	NIL	NIL		
5	5	6	105	150.36	NIL	Phati Parli	11	15	1155	2255.40	NIL	NIL		
6	6	7	70	99.83	NIL	Phati Parli	11	15	770	1497.45	NIL	NIL		
7	7	8	77	110.92	NIL	Phati Parli	11	15	847	1663.80	NIL	NIL		
8	8	9	45	69.94	NIL	Phati Parli	11	15	495	1049.10	NIL	NIL		
9	9	10	66	95.63	NIL	Phati Parli	11	15	726	1434.45	NIL	NIL		
10	10	11	64	92.47	NIL	Phati Parli	11	15	704	1387.05	NIL	NIL		
11	11	12	49	71.78	NIL	Phati Parli	11	15	539	1076.70	NIL	NIL		
			63	90.85	NIL	Phati Parli	11	15	693	1362.75	NIL	NIL		
													</	

As Per Attached Field Book

For Aashapuri Hydro Power Pvt. Ltd.
Range Forest Officer
Forest Range Hurla

14	14	15	63	90.98	NIL	Phati Parli	11	15	693	1364.70	NIL	NIL
15	15	16	110	157.42	NIL	Phati Parli	11	15	1210	2361.30	NIL	NIL
16	16	17	56	84.53	NIL	Phati Parli	11	15	616	1267.95	NIL	NIL
17	17	18	92	132.60	NIL	Phati Parli	11	15	1012	1989.00	NIL	NIL
18	18	19	45	65.60	NIL	Phati Parli	11	15	495	984.00	NIL	NIL
19	19	20	95	135.46	NIL	Phati Parli	11	15	1045	2031.90	NIL	NIL
20	20	21	60	87.49	NIL	Phati Parli	11	15	660	1312.35	NIL	NIL

Dated :-

Place:- Shamshi

For Aashapuri Hydro Power Pvt. Ltd.
 Authorised Signatory M/s
 Ashapuri Hydro Powers Pvt.
 Ltd.

Range Forest Officer,
 Range Forest Officer
 Forest Range Hurta
 at Bhuiin

Divisional Forest Officer,
 Parvati / Parvati Parvati

DIVISIONAL FOREST OFFICER
 PARVATI FOREST DIVISION
 SHAMSHI



99.

H.P. Power Transmission Corporation Limited
(A State Govt. Undertaking)
Barowalias House, Khalini, Shimla-171002
(Telefax: 0177-2626284)

NO. HPPTCL/Interconnection-Vol-V/2014- 3200

Dated:- 19/8/14

To

M/S Ashapuri Hydro Power Limited,
Village and P.O. Hurla,
Distt. Kullu

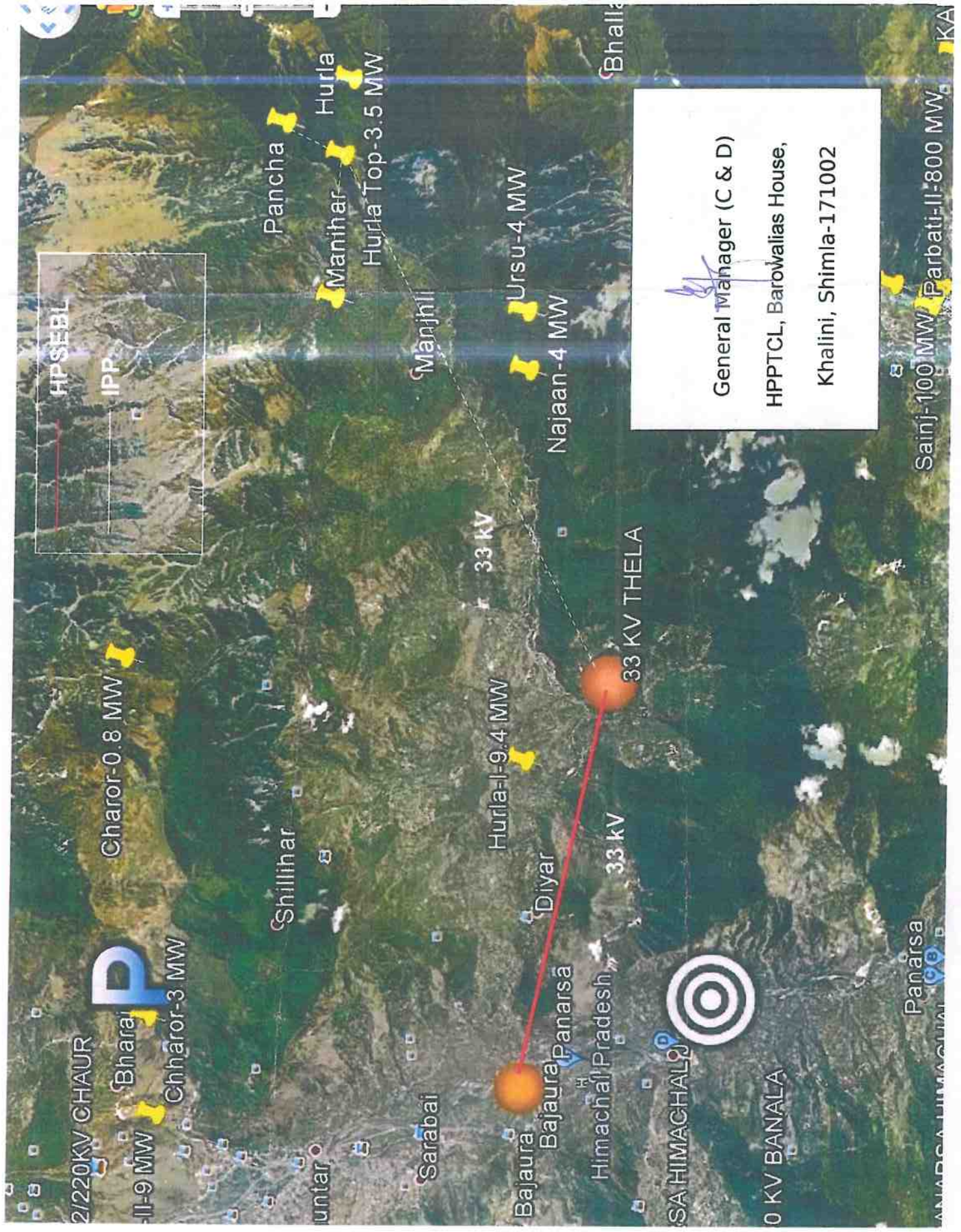
Subject: - Transmission Plan for Hurla Top HEP (3⁵ MW)

Sir:

Please refer your letter No AHPP/hurla/09/14 dated 4.8..2014 concerning the subject matter. In this context, Transmission Plan for Hurla Top HEP is enclosed for information and necessary action please.

Yours faithfully,


General Manager (C & D)



**COMPONENT WISE BREAKUP OF THE TOTAL LAND REQUIRED ALONG WITH ITS EXISTING USE FOR THE
CONSTRUCTION OF HURLA TOP SMALL HYDRO POWER PROJECT (3.50MW) IN HURLA FOREST RANGE, OF
PARVATI FOREST DIVISION, SHAMSHI, DISTRICT KULLU (H.P.)**

Sr. No.	NAME OF COMPONENT	Size		Size Component		Tukda No./ Khasra No.	Area Of land in bighas						Present Land Use	Total Land
		Component in Karams		in Meter			Forest Land			Private Land				
		Length	Width	Length	Width		In Sq. Karams	In Bigha Biswa	In Hectare	In Sq. Karam	In Bigha Biswa	In Hectare		
1	WEIR SITE	14	10	19.88	14.2	1	140	00-07-00	0.030	-	-	-	00-07-00	
2	MUCK DUMPING-I	11	7	15.62	9.94	2	77	00-03-17	0.016	-	-	-	00-03-17	
3	SAMPARK MARG	14	2.5	19.88	3.55	3	35	00-01-15	0.007	-	-	-	00-01-15	
4	Muck Dumping-II	21	14	29.82	19.88	4	294	00-14-14	0.060	-	-	-	00-14-14	
5	Tale Race Tunnel-I	162	2	230.04	2.84	5	324	00-16-04	0.065	-	-	-	00-16-04	
6	DESILTING TANK	35	6	49.7	8.52	6	210	00-10-10	0.042	-	-	-	00-10-10	
7	ADIT-I	49	2	69.58	2.84	7	98	00-04-18	0.020	-	-	-	00-04-18	
8	MUCK DUMPING-III	21	14	29.82	19.88	8	294	00-14-14	0.060	-	-	-	00-14-14	
9	Tale Race Tunnel-II	785	2	1114.7	2.84	9	1570	03.-18-10	0.320	-	-	-	03.-18-10	
10	ADIT-II	44	2	62.48	2.84	10	88	00-04-08	0.020	-	-	-	00-04-08	
11	MUCK DUMPING-IV	18	14	25.56	19.88	11	252	00-12-12	0.051	-	-	-	00-12-12	
12	SURG SHAFT	14	14	19.88	19.88	12	196	00-09-16	0.040	-	-	-	00-09-16	
13	MUCK DUMPING-V	18	14	25.56	19.88	13	252	00-12-12	0.051	-	-	-	00-12-12	

As Per
Attached Field
Book

**COMPONENT WISE BREAKUP OF THE TOTAL LAND REQUIRED ALONG WITH ITS EXISTING USE FOR THE
CONSTRUCTION OF HURLA TOP SMALL HYDRO POWER PROJECT (3.50MW) IN HURLA FOREST RANGE, OF
PARVATI FOREST DIVISION, SHAMSHI, DISTRICT KULLU (H.P.)**

14	PEN STOCK	209	2	296.78	2.84	14	418	01-00-18	0.085	-	-	-	01-00-18
15	POWER HOUSE/ SWITCH YARD	35	18	49.7	25.56	15	630	01-11-10	0.130	-	-	-	01-11-10
16	TALE RACE	9	2	12.78	2.84	16	18	00-00-18	0.004	-	-	-	00-00-18
17	MUCK DUMPING -VI	14	14	19.88	19.88	17	196	00-09-16	0.040	-	-	-	00-09-16
18	APPROACH ROAD	21	4	29.82	5.68	18	84	00-07-16	0.020	-	-	-	00-07-16
19	TRANSMISSION LINE	1358	11	1928.4	15.62	1	14611	36-10-11	2.955	-	-	-	36-10-11
Total:-								49-12-19	4.016				49-12-19

TOTAL FOREST LAND IN BIGHAS = 49-12-19

TOTAL FOREST LAND IN HECT. = 4.016

TOTAL NON- FOREST LAND IN BIGHAS = NIL

TOTAL NON- FOREST LAND IN HECT. = NIL

Dated :-

Place:- Shamshi
FDI Ashapuri Hydro Power Pvt.Ltd.

Authorised Signatory M/s

Range Forest Officer
Range Forest Officer
Forest Range Hurla
at Bhuin

Divisional Forest Officer,
Parvati Forest Division, Shamshi.

DIVISIONAL FOREST OFFICER
PARVATI FOREST DIVISION
SHAMSHI

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HIMURJA
H.P.GOV.T.ENERGY DEVELOPMENT AGENCY
SHIMLA:-171009

No. HIMURJA/SHP/Hurla Top (AHPP)/2009 - 5944.

dated

26/5/10

To

✓ M/s Ashapuri Hydro Power Pvt. Ltd.,
VPO Hurla Distt. Kullu

Subject:- Approval of feasibility report in respect of Hurla Top (1.00MW) SHP in Distt. Kullu.

Sir,

This has reference to you letter dated 25.2.2010 vide which feasibility report in respect of Hurla Top (3.50MW) against 1.00MW allotted was submitted in this office for approval. Feasibility report is hereby approved with following parameters subject to submission of DPR within the same parameters.

Sr. No.	Project Name	Stream/basin	Capacity	Elevation	
				Weir	Power house
1	Hurla Top	Hurla	3.5MW	2458	2240

You may proceed further for obtaining NOC's /clearances from various departments accordingly.

Yours faithfully


Director,

HIMURJA, Urja Bhawan,
Kasumpti Shimla:- 171009

Endst. No.: - A/A

Dated: -

Copy is forwarded to the following for information and necessary action:-

1. Additional Chief Secretary /Principal Secretary/Secretary (Forests/ Revenue/ I&PH/ PWD / Environment & S.T. / RD & Panchayati Raj / Fisheries) to the Govt. of H.P., Shimla-2
2. Principal CCF (Wild Life), Himachal Pradesh.
3. Pr. Secretary (NES), to the Govt. of H.P.
4. The Director, Directorate of Energy, Barowalia House, Khalini Shimla;2 for information.
5. The Director (SHP) MNRE Block No.-14 CGO Complex, Lodhi Road, New Delhi-110003
6. Deputy Commissioner, Distt. Kullu , H.P.
7. The Superintending Engineer (TEC&Works) O/O Chief Engineer (PCA) HPSEB, Vidyut Bhawan, Shimla:-4
8. The Project Officer Himurja, Distt Kullu H.P.


Director,

HIMURJA, Urja Bhawan,
Kasumpti, Shimla-171009.

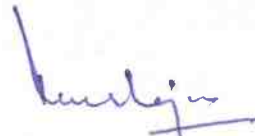
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**DIRECTORATE OF ENERGY
GOVERNMENT OF HIMACHAL PRADESH
SHANTI BHAWAN, PHASE-III, SECTOR-VI, NEW SHIMLA-171009(HP)**

OFFICE ORDER

Directorate of Energy (DoE), Government of Himachal Pradesh, is pleased to accord Techno Economic Clearance (TEC) to Hurla Top SHP (3.50 MW) on Hamka nallah a tributary of Hurla nallah in Beas basin, Distt. Kullu, Himachal Pradesh, allotted to "M/S Ashapuri Hydro Power Pvt. Ltd, VPO Hurla, Distt Kullu (HP)", at an estimated cost of Rs. 2719.00 lac (Rupees two thousand seven hundred nineteen lac) only including Interest During Construction (IDC), Escalation, Financial Charges (FC) and LADC @ 1.00% of total project cost with the following stipulations:

- i.i) The completion cost shall not exceed the above cost except on account of the following:
 - a) Interest During Construction(IDC) and Financial Charges(FC) shall be as per actuals but not exceeding the amount as indicated at Annex-I, unless revised by DoE, GoHP while according concurrence under Section-8 of Indian Electricity Act 2003 after review of the financial package.
 - b) Change in rates of Indian taxes and duties such as Excise Duty, Sales Tax/VAT, Custom Duty and levy of any other taxes/duties subsequent to issue of Techno Economic Clearance.
 - c) Change in Indian law resulting in change in the cost.
- ii) The abstract of the Estimated Cost approved by DoE, GoHP is furnished at Annex-I and the Salient Features of the scheme are at Annex-III.
2. The Techno-Economic Clearance(TEC) is subject to the fulfillment of the following conditions:
 - i) Completed cost/Techno-Economic Clearance (TEC) shall not be re-opened due to the following:
 - a) Non acquisition of land.
 - b) Non- finalization of Power Purchase Agreement (PPA)
 - c) Delay in financial closure.
 - ii) The final financial arrangement shall not be inferior to the financing arrangement projected in the Detailed Project Report (DPR) for TEC.
 - iii) The cost of the project cleared by the DoE, GoHP is indicative and shall have no binding on the regulator while fixing the tariff. The tariff of the project shall be regulated by the appropriate Electricity Regulatory Commission.
 - iv) The public issue expenses, if any, shall be reconsidered at the time of approval of completion cost based on documentary proof and in accordance with Security Exchange Board of India (SEBI) guidelines regarding regulation of public issue expenses.
 - iv) Fulfillment of conditions stipulated in Central Electricity Authority (CEA)/Central Water Commission (CWC) guidelines in respect of civil works at the stage of detailed designs/execution.
 - v) Any increase in the cost estimate due to design modifications and geological surprises would be absorbed by the Independent Power Producer (IPP) i.e. "M/S Ashapuri Hydro Power Pvt Ltd, VPO Hurla, Distt Kullu (HP)".
 - vi) No additional cost shall be allowed due to Resettlement & Rehabilitation (R&R) Plan.
 - vii) Normal operation life of the hydro power plant shall be as per provisions of CWC/CEA guidelines or CERC/HPERC regulations.
 - viii) The statutory and administrative clearances as per Annex-II shall be obtained before execution/ implementation of the project.
 - ix) The interconnection point with the State grid and interconnection facilities at the interconnection point shall be provided, operated and maintained at the cost of the IPP.
 - ix) The cost of providing and/or strengthening/additions etc. of the system at and beyond the Interconnecting Sub-station which may also include the cost of replacement of

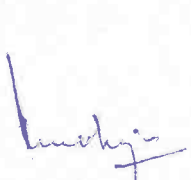


switchgear/ protection and provision of shunt capacitors, strengthening of bus bars, apart from other works required at injection voltage level and other one or more successively higher voltages, civil works relocation of existing bays etc. shall be recovered by HPSEBL/HPPTCL, as per the regulations of HPERC read with the clarifications/decisions by HPERC and/or any other competent authority as may be finally applicable. The share of IPP on this account shall be paid by the IPP to HPSEBL/HPPTCL as per the final decision of the competent authority.

- xi) Whereas the HPSEBL/HPPTCL shall endeavor to provide the evacuation system at the earliest, the scheduled date for providing evacuation arrangements shall be spelt out in the PPAs on case to case basis inter-alia, keeping in view the time lines indicated in the relevant plan and approved by HPERC.
- xii) The powerhouse generating equipment as well as other electrical equipment to be provided by the developer shall be compatible for parallel operation with the State grid after interfacing. The IPP shall be responsible for any loss of generation on this account.
- xiii) O&M charges for maintenance of inter connection facilities at the interconnection sub-station shall be paid by the IPP to HPSEBL/HPPTCL throughout the period, the IPP runs the project and the same shall be reviewed at the beginning of every financial year.
- xiv) For evacuation of power the IPP shall interface this project through 33kV line with Manihar SHP(2.00 MW) from where the Power of Hurla Top SHP(3.50 MW), Manihar SHP(2.00 MW) and Pancha SHP(1.50 MW) shall be evacuated in joint mode upto 33 kV Thela Sub Station and further to 132/33 kV Bajaura Sub Station through 33 kV D/C line. The cost on account of this joint evacuation arrangement shared by all the IPPs on proportionate basis.
- xv) The project line shall be provided, operated and maintained by the IPP at his cost as per normal conditions after obtaining approval of HP Govt. under Section 68(1) of Electricity Act, 2003.
- xvi) The above mentioned evacuation arrangements shall be subject to the HPERC approval of "Comprehensive area wise plan for augmenting and establishing of transmission/sub-transmission system for evacuation of power from small HEPs" which has already been submitted to HPERC. The Transmission/Distribution Licensee may however also evolve alternate system(s) depending on the site conditions and subsequent developments with the approval of HPERC.
- xvii) The IPP shall develop operate and maintain the Project including the dedicated transmission system subject to compliance with the following:
 - a) Grid code and standards of grid connectivity.
 - b) Technical as well as Mechanical standards for construction of Electrical lines.
 - c) Norms of System Operation of the concerned State Load Dispatch Center (SLDC) or Regional Load Dispatch Center (RLDC).
 - d) Directions of the concerned SLDC or RLDC regarding operation of dedicated transmission line.
 - e) The IPP will only be allowed to inject power in HP system with the undertaking that necessary action to provide tele-metering to SLDC shall be provided by them and specifications required to be got approved from the office of SE(SLDC), HP Load Despatch Society, Totu, Shimla from compatibility point of view with existing SCADA system.
- xviii) The conditions on these lines shall have to be suitably included by the developer in the PPA etc. apart from other standard conditions.
- xix) The observations of DoE, GoHP and replies thereof shall form an integral part of the DPR.
- xx) Minimum 15% release of water immediately downstream of diversion structure shall be ensured all the times including lean season as per Power Policy of HP Govt., 2006 and subsequent amendments thereof. The necessary monitoring equipment as per recommendations of the Pollution Control Board shall be installed by the IPP during execution of the project.

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- xxi) LADC/LADF amount and activities shall be implemented as per Power policy of HP Govt., 2006 and subsequent amendments thereof.
- xxii) The additional 1% (one percent) free power from the project shall be provided and earmarked for a Local Area Development Fund(LADF) as per HP Govt. Notification No. MPP-F(1)-2/2005-V dated 30.11.2009.
- xxiii) The TEC is based on the reports and data furnished by the IPP in the DPR and it is presumed that information furnished is correct and has been collected reliably after carrying out detailed field investigations and surveys under the supervision of competent personnel. The scrutiny of DPR does not cover the examination of the detailed designs & working drawings of project components in regard to their structural, hydraulic and mechanical performance & safety which shall be ensured by the project authority/IPP.
3. The project shall be completed within 24 months from the date of start of the construction work.
 4. The completion cost of the scheme shall be submitted to DoE, GoHP for approval within 3 months from the Commercial Operation Date (COD) of the plant.
 5. The Project Promoters/Project Authorities shall give free accessibility to the officers and staff of DoE, GoHP to have on the spot assessment of various aspects of the project.
 6. The firm financial package and tie-up of balance inputs/clearances shall be completed within the period as stipulated in the HP Govt. power Policy, 2006 and subsequent amendments thereof /Implementation Agreement.
 7. In case the time gap between the Techno-Economic Clearance of the scheme and actual start of work on the project is three years or more, a fresh Techno-Economic Clearance shall be obtained from DoE, GoHP before start of actual work.
 8. The DoE, GoHP reserve the right to revoke the concurrence if the conditions stipulated above are not complied with to the satisfaction of the DoE, GoHP.

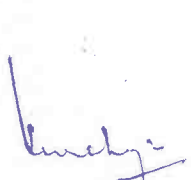
BY ORDER OF THE GoHP


 Chief Engineer,
 Directorate of Energy, GoHP,
 New Shimla-171009(HP).

No. DOE/CE (TEC)/TEC- Hurla Top/2013- 3067-75 Dated: 12/8/13

Copy for information and necessary action to the:

1. Principal Secretary (MPP & Power) to H.P. Govt., Shimla-171002
2. Principal Secretary (NES) to H.P. Govt., Shimla-171002
3. Secretary, Ministry of Non-Conventional Energy Sources (MNES), Block No.14, CGO Complex, Lodhi Road, New Delhi-110003.
4. Director, Environmental & Scientific Technologies, Narayan Villa, Near Wood Villa Palace, Shimla-171002
5. General Manager, HPPTCL, Borowalia House, Khalini, Shimla-171002.
6. Chief Engineer (SO&P), HPSEB Ltd, Vidyut Bhawan, Shimla-171004.
7. Chief Engineer (Commercial), HPSEB Ltd, Vidyut Bhawan, Shimla -171004.
8. Chief Executive Officer, Himurja, 8A-SDA Complex, Kasumpti, Shimla-171009.
9. M/S Ashapuri Hydro Power Pvt Ltd, VPO Hurla, Distt Kullu (HP).


 Chief Engineer,
 Directorate of Energy, GoHP,
 New Shimla-171009(HP)

ANNEXURE-I

Hurla Top SHP (3.50 MW) in District Kullu of Himachal Pradesh allotted to "M/S Ashapuri Hydro Power Pvt Ltd, VPO Hurla, Distt Kullu (H.P)".

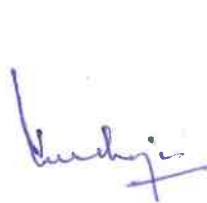
ABSTRACT OF COST ESTIMATE

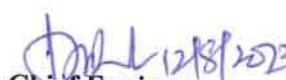
Sr. No	Description of works	Amount	
(a)		(Rs. in lac)	
i)	Civil works i/c other Misc. Expenses	1495.86	} Price Level June, 2012
ii)	Electro Mechanical works	780.10	
iii)	Transmission works	140.00	
	Sub Total (a)	2415.96	
(b)			
i)	Interest During Construction (IDC)	188.58	
ii)	Escalation	63.57	
iii)	Financial Charges(FC)	24.01	
	Sub Total (b)	276.16	
	Total (a+b)	2692.12	
(c)	LADC @ 1% of (a+b)	26.92	

GRAND TOTAL (a+b+c) **2719.04**

Say Rs 2719.00 lac

(Rupees two thousand seven hundred ninteen lac only)




Chief Engineer,
Directorate of Energy, GoHP,
New Shimla-171009(HP).

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ANNEXURE-II

Hurla Top SHP (3.50 MW) in District Kullu of Himachal Pradesh allotted to "M/S Ashapuri Hydro Power Pvt Ltd, VPO Hurla, Distt Kullu (H.P)".

LIST OF STATUTORY AND ADMINISTRATIVE CLEARANCES REQUIRED

Sr.No.	ITEM	AGENCY	REMARKS
1.	WATER ABAILABILITY	1. State Govt. 2. CWC	Interaction between State Govt. Deptt. & CWC required. Relevant Irrigation Act of the State & Central Water Commission.
2.	SEB CLEARANCE	1. SEB. 2. State Govt.	Indian Electricity Act, 2003.
3.	POLLUTION CLEARANCE WATER AND AIR	State/Central Pollution Control Board	Water (Prevention & Control of Pollution) Act, 1974 Air (Prevention & Control of Pollution) Act, 1981.
4	FOREST CLEARANCE	1. State Govt 2. Min. of E&F G.O.I.	Coordination with State Forest Deptt./ Min. of Environment & Forest (MoE&F) regarding Forest (Conservation) Act, 1980.
5	ENVIRONMENT & FOREST CLEARANCE	1. State Govt 2. Min.of E&F G.O.I.	As per item (3) & (4) and Govt. Policy in force.
6.	REGISTRATION	Registrar of Companies.	Under Indian Companies Act, 1950.
7.	REHABILITATION & RESETTLEMENT OF DISPLACED FAMILIES BY LAND ACQUISITION	1. State Govt 2. Min.of E&F G.O.I.	
8.	EQUIPMENT PROCUREMENT	DGTD, CCI& E	Import & Export Acts.



Chief Engineer,
Directorate of Energy, GoHP,
New Shimla-171009(HP).

Hurla Top SHP (3.50 MW) in District Kullu of Himachal Pradesh allotted to "M/S Ashapuri Hydro Power Pvt Ltd, VPO Hurla, Distt Kullu (H.P)".

SALIENT FEATURES

I. LOCATION		
State	Himachal Pradesh	
District	Kullu	
Village	Manihar	
Vicinity/Proposal	Weir site on Hamka nallah at EL $\pm$ 2458.00 m and Power house on right bank of Hamka nallah at EL $\pm$ 2240.00 m just near village Manihar. Shimla-Mandi-Bajaura-Thela- Manihar -Hamka Road	
Accessibility	By Road	BG - Kiratpur(Punjab)
	By Rail	Bhunter(Kullu)
	Airport	
Geographical co-ordinates	Diversion site	Power house
• Longitude	77° 21' 46" E	77° 20' 59" E
• Latitude	31° 53' 00" N	31° 53' 12" N
SOI topo sheet	53 E/5	
II. HYDROLOGY		
Name of stream/nallah/Khad	Hamka nallah (Hurla nallah)	
Tributary of/ Basin	Hurla nallah/ Beas basin	
Catchment area	24.00 Sq. Km.	
Design discharge	2.02 cumecs	
Design Flood	140.96 cumecs	
HFL	Weir Site	Power House
	EL $\pm$ 2457.00 m	EL $\pm$ 2238.30 m
III. PROJECT COMPONENTS		
A DIVERSION STRUCTURE		
Type	Trench type weir	
Trash Rack/River bed level	EL $\pm$ 2458.00 m	
Size	15.00 m Long, 2.00 m wide	
Depth	Varies from 0.90 m to 2.00 m	
Design discharge	2.93 cumecs i/c flushing and overloading dis.	
B INTAKE TANK		
Type	Head regulator RCC well type	
Size	5.00 m x 2.5 m x 2.5 m i/c 0.50 m freeboard	
C CONVEYANCE TUNNEL (From Intake to Desilting tank)		
Type	Free flow D-shaped tunnel with channel inside	
Size of tunnel	2.10 m x 2.10 m	
Size of channel	1.30 m x 1.30 m i/c 0.15 m Freeboard	
Length	264.00 m	
Slope	1:250	
Velocity	1.96 m/sec	
D DESILTING TANK		
Type	Underground	
Size	50.00 m x 9.00 m	
Depth	Varies from 2.89 m to 4.86 m i/c 0.50 m F/B	
Particle size to be excluded	All particles above to 0.20 mm size	
Dia of Flushing pipe	700 mm	
Adit-I cum silt flushing tunnel	64.37 m long D-shaped tunnel	
E HEAD RACE TUNNEL (From Desilting tank to Edit-II)		
Type	Free flow D-shaped tunnel with channel inside	
Size of tunnel	2.10 m x 2.10 m	

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	Size of channel	1.40 m x 1.40 m i/c 0.20 m freeboard
	Length	847.00 m
	Slope	1:500
F	HEAD RACE TUNNEL(From Edit-II to Surge shaft)	
	Type	D-shaped Pressure tunnel
	Size of tunnel	2.10 m x 2.10 m
	Length	212.00 m
	Slope	1:500
	Edit II cum Spillway	46.00 m long D shaped tunnel
G	SURGE SHAFT	
	Type	RCC circular tank
	Size	2.00 m dia., 11.25 m height
	Top level	EL $\pm$ 2459.93 m
	Maxm Water Level(MWL)	EL $\pm$ 2458.93 m
	Full Supply Level(FSL)	EL $\pm$ 2454.03 m
	Minm. Draw Down Level(MDDL)	EL $\pm$ 2452.83 m
	Penstock entry level	EL $\pm$ 2449.95 m
H	PENSTOCK	
	Type	Surface steel penstock
	Number/Size of main penstock	One/1000 mm dia.
	Plate thickness	10.00 mm to 16.00 mm
	Length	386.00 m
	Steel Liner	IS 2062 grade B steel
	Velocity of flow	3.09 m/sec
	Number of branch penstocks	Two
	Size of branch penstock	720 mm dia.
	Length of branch penstocks	10.00 m each
I	POWER HOUSE	
	Type	Surface on right bank of Humka nallah
	Size	25.00 m x 12.00 m x 10.00 m
	Installed capacity	3.50 MW (2 units of 1750 KW each)
	Maximum gross head	214.03 m
	Design net head	206.18 m
	C/L of TG units	EL $\pm$ 2240.00 m
	Turbine(s)	
	• Type	Horizontal shaft Pelton
	• Number	Two
	• Rated capacity	1750 KW each
	• Speed	375 rpm
	Generator(s)	
	• Type	Horizontal shaft Synchronous
	• Number	Two
	• Rated capacity	1750 KW each
	• Rated Voltage	3.3 kV
	• Power Factor	0.9 (lag)
	• Rated Frequency	50 Hz
	• Overload Capacity	20 %
J	TAIL RACE	
	Shape/type	Rectangular/RCC Box type
	Size	1.25 m x 1.25 m i/c 0.25 m freeboard
	Bed Slope	1 in 250 m


 Chief Engineer,
 Directorate of Energy, GoHP,
 New Shimla-171009(HP).

DIRECTORATE OF ENERGY
SHANTI BHAWAN, PHASE-III, SEC-6, NEW SHIMLA-171009
CORRIGENDUM

In partial modification to the Office Order endorsed vide No DoE/CE(TEC)/ - Hurla Top/2013-3067-75 dated 12/8/2013 vide which Techno Economic Clearance (TEC) of Hurla Top SHP (3.50 MW) in District Kullu (HP) was accorded, the name of the nallah on which Hurla Top SHP(3.50 MW) has been proposed may be read as **“Hurla nallah (Hamka nallah) a tributary of Beas river in stead of Hamka nallah a tributary of Hurla nallah”.**

All others terms and conditions of Techno Economic Clearance (TEC) accorded vide Office Order endorsement No DoE/CE(TEC)/ - Hurla Top/2013-3067-75 dated 12/8/2013 shall remain the same.


Chief Engineer,
Directorate of Energy,
New Shimla-171009 (HP)

NO DoE/CE(TEC)/ Corrigendum/ Hurla Top(SHP)/2014-8916-24 Dated:- 23/12/2014

Copy for information and necessary action to the:

1. Principal Secretary (MPP & Power) to H.P. Govt., Shimla-171002(HP).
2. Principal Secretary (NES) to H.P. Govt., Shimla-171002(HP).
3. Secretary, Ministry of Non-Conventional Energy Sources (MNES), Block No.14,CGO Complex, Lodhi Road, New Delhi-110003.
4. Director, Environmental & Scientific Technologies, Narayan Villa, Near Wood Villa Palace, Shimla-171002(HP).
5. General Manager(C&D), HPPTCL, Borowalia House, Khalini, Shimla-171002(HP).
6. Chief Engineer (SO&P), HPSEB Ltd, Vidyut Bhawan, Shimla-171004(HP).
7. Chief Engineer (Commercial), HPSEB Ltd, Vidyut Bhawan, Shimla-171004(HP).
8. Chief Executive Officer, Himurja, 8A-SDA Complex, Kasumpti, Shimla-171009(HP).
9. M/S Ashapuri Hydro Power Pvt Ltd, VPO Hurla, Distt Kullu(HP).


Chief Engineer,
Directorate of Energy,
New Shimla-171009 (HP)



(H.P Govt Energy Development Agency)
Block 8-A SDA Complex Kasumpti Shimla-171009
Telephone 0177- 2621783 Fax 0177-2622635

No. HIMURJA/SHP-IA/Hurla Top (AHPP)/2009- **53**
To

Dated: **01** Jan., 15

M/s Ashapuri Hydro Power Private Limited,
VPO Hurla,
District Kullu (H.P.)-175125

Subject: - Implementation Agreement of HURLA TOP (3.50 MW) SHEP in District Kullu (H.P.)

Dear sir,

This has reference to Implementation Agreement (IA) of **HURLA TOP (3.50 MW) SHEP, District Kullu** signed by you with H.P. Govt. on **30th December, 2014**. Enclosed please find one set of Implementation Agreement in original alongwith annexures for information and record at your end. You are requested to attend to the following points in regard to the projects being executed by you.

- i) The requisite works of land acquisition, obtaining of clearances, no-objection certificate and mobilization of work force & machinery be initiated immediately for timely completion of the projects.
- ii) Sign boards highlighting various details as per **Annexure-A** be prepared and fixed at the main road on the bifurcation and at the proposed site of the project.
- iii) A proforma (**Annexure-B**) showing the details of various activities required for the execution of HEP is enclosed with the request that all these activities including more, if any, be incorporated in the construction schedule for **HURLA TOP (3.50 MW)** project and copies of the same be sent to us in quadruplicate within one month. The Bar Charts for **HURLA TOP (3.50 MW)** project be accordingly prepared after planning and fixing all the requisite activities and submitted to this office in quadruplicate within one month.
- iv) Quarterly progress report in respect of **HURLA TOP (3.50 MW)** project on the prescribed proforma (**Annexure-C**) for four quarters i.e Jan-March, April-June, July-September and October-December be sent to this office by the 10th of the succeeding month regularly and in time positively.
- v) Information regarding the staff employed for **HURLA TOP (3.50 MW) SHEP**, whether Himachalis or Non-Himachalis, Skilled & Semi-Skilled with their complete residential address be supplied regularly on monthly basis.
- vi) Second Party agrees to pay outstanding amount, if any, to the First Party, within a month from the date of communicating the same to the Second Party.
- vii) If at a later stage, it is found that some information has been suppressed or false documents have been supplied by you at the time of submission of application or subsequently, the whole responsibility will be yours and Govt. will be at liberty to take legal action against your firm.

PTO

This may be treated as most urgent and receipt of this letter may kindly be acknowledged.

Yours sincerely,



Director,
HIMURJA

Encl.: - A/A

Endst. No.: - A/A-54-66

Dated:- Jan., 15

Copy of Implementation Agreement of **HURLA TOP (3.50 MW) SHEP** in District **Kullu (H.P.)** in respect of M/s Ashapuri Hydro Power Private Limited, VPO Hurla, **District Kullu (H.P.)-175125**, forwarded to the following for information & record at their end please.

- i) Principal Secretary (NES), to the Govt. of H.P., Shimla-171002 a/w one set of IA in original.
- ii) Pr. Secretary (Home), to the Govt. of H.P., Shimla-171002.
- iii) PCCF, Forest Department, Talland, Shimla-171001.
- iv) The Director, Directorate of Energy, Shanti Bhawan, Phase-III, Sector-VI, New Shimla (H.P.)-171009.
- v) The Deputy Commissioner, Kullu (H.P.).
- vi) Managing Director, HPTCL, Borowalia House, Khalini, Shimla-171002.
- vii) The Additional Secretary (Revenue), to the Govt. of H.P., Shimla-171002.
- viii) The Chief Engineer (SO&P), HPSEBL, Vidyut Bhawan, Shimla-171004.
- ix) The Member Secretary, PCB, BCS-III, New Shimla (H.P.)-171009.
- x) Director (SHP), MNES, Block No. 14, CGO Complex, Lodhi Road, New Delhi-110003.
- xi) The Director-cum-Warden of Fisheries, Himachal Pradesh, Bilaspur, District Bilaspur (H.P.)
- xii) Labour Commissioner-cum-Director, Employment H.P., HIMRUS Building, Near HIMLAND Hotel, Shimla (H.P.).
- xiii) Sr. Project Officer, HIMURJA, Kullu (H.P.) with a direction to ensure that the project is envisaged between the elevations from ± 2458 M to ± 2240 M on Hurla Nallah (Hamka Nallah), a tributary of Beas River in Beas Basin, **District Kullu (H.P.)** alongwith regular monitoring & compliance.



Director,
HIMURJA



हिमाचल प्रदेश HIMACHAL PRADESH

08AA 828597

IMPLEMENTATION AGREEMENTFORHURLA TOP HYDRO ELECTRIC PROJECT (3.50 MW)DISTRICT KULLU, HIMACHAL PRADESH

THIS IMPLEMENTATION AGREEMENT executed on the 30th day of the month of **December, 2014** (**Two Thousand Fourteen**) BETWEEN THE GOVERNMENT OF HIMACHAL PRADESH through the Special Secretary (NES), to the Government of Himachal Pradesh-cum-Chief Executive Officer, HIMURJA, having its office at Block 8-A, URJA Bhawan, SDA Complex, Kasumpti, Shimla (H.P.)-171009, (hereinafter referred to as the "First Party") which expression shall unless repugnant to the context or meaning thereof include its successors, assigns and legal representatives of the FIRST PART;

AND

M/s Ashapuri Hydro Power Private Limited, a Company incorporated and registered under the provisions of Companies Act, 1956; having its Registered/Head Office at VPO Hurla, District Kullu (H.P.)-175125 and office in Himachal Pradesh at _____ (hereinafter referred to as the "Second Party") which expression shall, unless repugnant to the context or meaning thereof, include its successors, administrators and assigns, through **Mr. Rajender Singh, Director**, who is duly authorized by the competent authority of the Company vide letter No. Nil, dated **05/02/2014**, to execute this Agreement, of the OTHER PART.

Special Secretary (NES)
to the Govt. of H.P. -
cum - CEO HIMURJA
Shimla - 171009

M/s. Ashapuri Hydro Power (P) Ltd.
Director



हिमाचल प्रदेश HIMACHAL PRADESH

08AA 828598

WHEREAS the First Party in accordance with the policy guidelines of the Government of Himachal Pradesh (hereinafter referred to as "GOHP") had issued Consent Letter on **26/07/2009** (APPENDIX"A") to the Second Party to carry out detailed investigations of the **HURLA TOP** Hydro-electric Project of **1.00 MW** capacity and located in District **Kullu**, Himachal Pradesh (hereinafter referred to as "Project") and Second Party has submitted, within the stipulated period from the date of issuing of Consent Letter, a Detailed Project Report (DPR); and

WHEREAS the Second Party has carried out necessary detailed investigations for the Project and submitted a DPR for **3.50 MW** project capacity to the First Party and both the parties have satisfied themselves about the techno economic feasibility of the Project; and

WHEREAS the competent authority has accorded Techno Economic Clearance (TEC) to the project for **3.50 MW** capacity vide their letter No. **DOE/CE(TEC)/TEC-Hurla Top/2013-3067-75**, dated **12/08/2013**; and

WHEREAS the First Party has approved enhancement of capacity from **1.00 MW to 3.50 MW**, on dated **05/09/2013** between the elevations from **± 2458 M to ± 2240 M** on Hurla Nallah (Hamka Nallah), a tributary of Beas River in Beas Basin, **District Kullu (H.P.)**; and

WHEREAS it is deemed necessary and expedient to enter into a detailed agreement between the parties hereto incorporating the terms and conditions of this agreement arrived at for the implementation of the Project; and

Special Secretary (NES)
to the Govt. of H.P. -
cum - CEO HIMURJA
Shimla - 171009

M/s. Ashapuri Hydro Power (P) Ltd.

Director

Himachal Government Judicial Paper

NOW THEREFORE THE PARTIES DO HEREBY AGREE AND AFFIRM HEREUNDER AS FOLLOWS:-

1 STATEMENT OF IMPLEMENTATION OF PROJECT

Both the parties agree that the Project shall be implemented, subject to the terms and conditions mentioned in this Agreement.

2. DEFINITIONS. -

2.1

In this Agreement, the various terms shall have the following meanings, except where the context otherwise requires, definitions and other terms expressed in the singular shall also include the plural and vice versa, namely:-

- (a) "agreement" shall mean this agreement together with all its appendices and annexures and any amendments thereto made in accordance with the provisions herein contained;
- (b) "concession period" shall mean the duration for which the First Party allows the Second Party to build, own and operate the Project.;
- (c) "commercial operation date" (COD) shall mean the date on which Second Party synchronizes the First unit of the Project with the grid;
- (d) "construction schedule" means the schedule of construction attached as "APPENDIX-B";
- (e) "contractor" means any person, firm or body corporate engaged by the Second Party for the implementation of the Project;
- (f) "deliverable energy" shall mean the electrical energy generated by the project, as measured at the interconnection point;
- (g) "effective date" means the date on which this agreement is signed by the parties hereto;
- (h) "energy/power" shall mean the electrical energy/power in Kwh/MW;
- (i) "force majeure" shall have the meaning as described thereto in **Clause 15.2** hereunder;
- (j) "Implementation of project" shall mean an act to establish, own, operate and maintain the Project;
- (k) "HIMURJA" means the Himachal Pradesh Energy Development Agency;
- (l) "Inter-connection Point" shall mean the physical touch point(s) where the Project shall be interfaced at 33 kV line with MANIHAR (2.00 MW) SHEP from where the Power of HURLA TOP (3.50 MW) SHP, MANIHAR (2.00 MW) SHP and PANCHI (1.50 MW) SHP shall be evacuated in joint mode upto 33 kV THELA Sub-Station and further to 132/33 kV BAJAURA Sub-Station through 33 kV D/C line. The cost on account of this joint evacuation arrangement shared by all the IPPs on proportionate basis; subject to the approval of HPERC as per **Clauses-XIV & XVI of TEC.**

Special Secretary (HES)
to the Govt. of H.P. -
cum - CEO HIMURJA
Shimla - 171009.

M/s. Ashapaul Hydro Power (P) Ltd.

Director

m) "month" shall mean the English Calendar month;

(n) "permanent works" means the permanent works forming part of the Project and shall include housing facilities for staff to be engaged for operation and maintenance of the Project;

(c) "plant" shall mean imported and indigenous machinery, equipment, spares and other items required for and which form part of the permanent works of the Project;

(p) "Power Purchase/Wheeling Agreement(s)" shall mean the agreement(s) to be signed between the Second Party and HPPTCL/concerned party (ies) as per **Clauses 12.3 & 12.4** hereunder;

(q) "Project Affected Areas" shall mean areas/ villages surrounding/ falling in the catchment/ watershed areas extending from the Reservoir/Diversion Weir to the Tail Race of the Project;

(r) "project cost" shall mean the actual capital expenditure on the Project incurred upto the completion of the Project including all costs incurred by the Second Party in complying with the terms of this Agreement, unless mentioned otherwise, but not exceeding the approved Project cost in the DPR as per techno economic clearance accorded by the competent authority, as the case may be. Where the actual expenditure exceeds the approved Project cost, the excess expenditure as approved by the Competent Authority shall be deemed to be part of the actual capital expenditure;

(s) "scheduled commercial operation date" shall mean the date by which the Second Party shall have synchronized the first unit of the Project with the Grid as per the Construction Schedule;

(t) "site" shall mean the site of Project appurtenances, generating Plants including land, waterways, roads and any rights acquired or to be acquired by Second Party for the purposes of the Project;

(u) "State" shall mean the State of Himachal Pradesh;

(v) "temporary works" means all temporary works of any kind required in connection with the execution of the works of the Project and not forming part of permanent works; and

(w) "works" means all works inclusive of the temporary works and permanent works including design, engineering services, supplies and other work activities required and necessary for the completion of the Project;

(x) "competent authority" will be the Director Energy, the Government of Himachal Pradesh or such entity as may be notified in this behalf by the Government of HP from time to time.

2.2 Any term used in this agreement but not defined under this Clause shall have the same meaning as assigned to it under the Electricity Act, 2003.

Special Special (NES)
to the Govt. of H.P.
cum - CEO HIMURJA
Shimla - 171009

Mrs. Ashapuri Pradip Prasad

Director

3. SECURITY CHARGES

And whereas the Second Party has furnished security charges (EMD) by way of a Demand Draft bearing No. 847643, dated 05/02/2014, amounting to ₹ 1.75 Lac (Rupees One Lac Seventy Five Thousand Only) @ ₹ 50,000/- per MW (refundable) in favour of Director, HIMURJA, payable at Shimla, based on capacity in MW as per approved TEC. The amount of Security Deposit shall be treated as Performance Guarantee after the commissioning of the Project, which shall be refunded to the Second Party only after successful operation of the project for 6 (six) months from COD of project.

4. GRANT OF PROJECT CONCESSION BY STATE GOVERNMENT

4.1

The First Party agrees to permit the Second Party, for the project **HURLA TOP (3.50 MW)** capacity, to establish, own, operate and maintain the Project for a period of 40 (forty) years and the date shall be reckoned after **Thirty (30)** months from the date of the signing of the Implementation Agreement or from the date till which extension in SCOD is granted by the First Party. After the expiry of the Implementation Agreement period of 40 (forty) years, the project shall revert to the First Party free of cost and free from all encumbrances. However, the First Party would have the option to grant a further extension for a period mutually agreed upon between the First Party and the Second Party after re-negotiations of terms and conditions of the already signed Agreement.

4.2

The Project assets would be maintained by the Second Party in a condition that would ensure a residual life of the project at the rated capacity for at least concession period. During the 10th, 20th, 30th & 35th years of operations, the First Party or one of its appointed agencies would carry out a mandatory inspection of the Project site to ensure that the Project assets are maintained to the required standards to ensure the specified generation capability and residual life of the plant.

If such inspections find that the project capacity and/or life are being undermined by inadequate maintenance, the First Party shall be entitled to seek remedial measures from the Second Party. If the Second Party fails to comply with the requirement, the First Party would have the right to take over the commercial operation of the project and shall have full right upon the sale of power including Second Party share. The cost on account of suggestive remedial measures shall be deducted from the sale of Second Party's share of metered power including the operation & maintenance cost for such a period till the project's assets are restored to the requisite standards to ensure the specified generation capability and residual life of the Project as specified above. Thereafter, the Project shall be handed over to the Second Party.

5. STARTING DATE OF PROJECT.-

5.1

Within six months from the effective date of signing of this agreement, the Second Party shall start the construction of the Project after meeting the following major requirements, namely:-

a) Obtaining non-statutory/statutory clearances listed below:-

- (i) NOCs from PWD, I&PH, Wild Life, Fisheries and Revenue not required. Clearances and compliance of norms and conditions shall be ensured by the developer before and during execution.
- i) Forest Land Clearance
- ii) Private Land Transfer (Permission under Section 118)
- iii) PCB

Special Secretary (NPS)
to the Govt. of H.P.
cum - CEO HIMURJA
Shimla - 171009

W/s. Ashapuri Hydro Power (P) Ltd.

Director

- iv) Essentiality Certificate: Above mentioned NOCs/clearances shall not be required for issuing EC. EC should be only for maximum quantum of land required for the purpose at project site without mentioning Khasra Number because actual forest land and lease land at site will be decided by forest and Revenue Departments based on ceiling under EC.
- b) Effective consultation with Gram Panchayat (s) and their objections and suggestion shall be heard and decided by the SDM by way of a reasoned speaking order. Aggrieved parties have right to appeal before Deputy Commissioner (DC) and thereafter Pr. Secretary (Power), to the GOHP.
- c) Finalize Power Purchase/wheeling Agreement(s) ;
- d) Such other clearances as may be specified by the First Party subsequent to the signing of this Agreement.

Extension charges will not be applicable for grant of extension where delay is not attributable to the developer on account of the following clearances only:-

- (i) Forest clearance, including Forest Rights process at Panchayat levels.
- (ii) PCB clearances.
- (iii) Lease of Govt. land.

Provided that all applications complete in all respects based on check list, are applied for immediately after signing of Implementation Agreement and time of addressing queries will be one month. Serious developers will be incentivized. Delay in start of actual physical work shall be charged at lower rate initially, with increasing rate of greater delays.

- (a) Extension charges for start of work shall be ₹ 10,000/- per month per MW.
- (b) Extension charges for delay in completion after start of work shall be @ ₹ 1000/- per MW for first month doubling in successive months subject to maximum of ₹ 10,000/- i.e. 1st month ₹ 1,000/-, 2nd month ₹ 2,000/-, 3rd month ₹ 4,000/- & 5th month ₹ 10,000/-. This part of charges will be payable upfront or with interest, at project borrowing rates, after commissioning.

Provided further that if project is completed within the normal time line of completion, charges paid for any extensions in the interim shall be refunded.

5.2

HIMURJA shall monitor the progress of the Project periodically and shall also monitor the progress of steps taken/being taken by the Second Party for obtaining the statutory/non-statutory clearances mentioned in **Clause 5.1** above and commence the construction work within the time frame specified in **Clause 5.1** above. At the end of each quarter, the Second Party shall be required to submit quarterly progress report to the First Party. The first party will be at liberty to cancel the Implementation Agreement (IA), after affording due opportunity to the Second Party, in case the First Party is not satisfied about the progress made by the Second Party.

6. CAPACITY ADDITION

- 6.1 If the Second Party enhances the capacity of the project at any stage then prior approval of the First Party will be mandatory for enhanced capacity and the Second Party shall be required to furnish the up-front premium etc. as applicable at the rates notified by the H.P. Government from time to time.

Special Secretary (NES)
to the Govt. of Himachal Pradesh
cum - CEO HIMURJA
Shimla - 171009

M/s. Ashapuri Hydro Power (P) Ltd.
Director

6.2

Second Party shall have to deposit processing fee afresh and deposit security charges for signing of Supplementary Implementation Agreement (SIA) on account of enhanced capacity at the rates applicable at the time of signing of SIA.

7.

TERMINATION OF AGREEMENT

7.1

In the event of stoppage of construction on the main Project components by the Second Party for a period of more than three months for reasons not covered under force majeure and for reasons attributable to the Second Party, the First Party shall, after giving due opportunity to the Second Party, have the right to terminate this Agreement. In such event, the Performance Guarantee, furnished by the Second Party in the shape of Demand Draft as per **Clause 3** of the agreement, shall stand forfeited and the Site shall revert to and shall vest in the First Party without any compensation. Notwithstanding any vestment in the First Party under this clause, the Second Party shall be liable to pay all the dues owed to the First Party by the Second Party in pursuance to this agreement.

7.2

During the operation of the Project, the Second Party shall ensure free energy to the First Party as per **Clauses 12.1 & 19.2** hereafter. In the event of the Second Party (i) not being able to provide free power as per **Clauses 12.1 & 19.2** to the First Party for reasons other than transmission failure, or (ii) abandons the Project, the First Party shall have the right to terminate this agreement after serving a notice to the Second Party.

8.

LAND

8.1

The First Party shall acquire, at the request and expense of the Second Party within the provisions of Land Acquisition Act., 1894, such private lands within the State of Himachal Pradesh as may be required by the Second Party and as considered appropriate by the First Party for the implementation of the Project. The Second Party shall also be allowed to acquire such land through direct negotiations with the owners in accordance with the prevailing laws, rules and regulations in the State.

8.2

Land whether private or Government except for permanent structures relating to the Project such as water conductor system, power houses building, switchyard area etc. shall be taken only on lease basis at the rates approved by the Government for the agreement period. The First Party shall acquire the land for the permanent structures by invoking the compulsory provisions under the Land Acquisition Act, 1894 in order to expedite the execution of Projects.

8.3

The First Party shall arrange for the short term lease for a period as per the actual requirement not exceeding five years, of Government land required by the Second Party for temporary works for the construction of the Project as considered appropriate by the First Party on such terms, conditions and rates as may be prescribed/fixed by the Government from time to time.

8.4

Lease and Lease money to be regulated as per lease Rules of the State Government as notified from time to time.

8.5

Private Land of any person/farmers are acquired for the purpose of setting up of power project(s) in the state and concerned beneficiaries claim/opt for exchange of Govt. land instead of money compensation and if the exchange of Govt. land is approved by the First Party on availability of land, the cost of Govt. land will be paid/recovered from the Second Party/executive agency of the project.

Special Secretary (NES)
to the Govt. of H.P.
cum - CEO HIMURJA
Shimla - 171009

M/s. Ashapuri Hydro Power (P) Ltd.

Director

9. PROTECTION OF ENVIRONMENT

- 9.1 The Second Party shall make suitable financial provisions in the Project Cost for the Catchment Area Treatment Plans, if required and as may be determined by the GOI, MOEF/State Government. The cost involved on this account shall be paid by the Second Party to the First Party.
- 9.2 The Second Party shall be responsible to maintain ecological balance by preventing deforestation, water pollution and defacement of natural landscape in the vicinity of works area. The Second Party shall take all reasonable measures to prevent any unnecessary destruction, scarring or defacement of the natural surroundings in the vicinity of the Project.
- 9.3 The Second Party shall give an undertaking to the Fisheries Department of the local area that wherever feasible, rearing of fish shall be promoted by the Second Party in consultation with Fisheries Department in the project area at the time of final implementation of the Project. No charges for projects upto 2.00 MW and for project above 2.00 MW upto 5.00 MW, the Fisheries Department will charge compensation @ ₹ 0.50 Lac per MW. Where any development conservation projects of Fisheries Department are impacted, separate charges as per Fisheries Department proposal. It will be mandatory to utilize this amount on the same stream/hallah or elsewhere and formulate schemes accordingly.
- 9.4 The Second Party shall ensure that the material excavated from the site shall be dumped in the area duly approved by the Ministry of Environment & Forests, the Government of India/State Pollution Control Board.
- 9.5 In case any existing facilities such as irrigation, water supplies, roads, bridges, buildings, communication systems, power systems and water mills are adversely affected because of the implementation of the Project, the cost of replacement thereof or of the remedial measures, as the case may be, shall be included in the Project cost. Though such facilities shall be mutually identified, listed and finally fixed within four (4) months of signing of this Agreement, the Second Party shall be responsible to make good the loss or provide remedial measures as are necessary even during Implementation of the Project. The Second Party shall not interfere with any of the existing facilities, till alternate to the facility as is finally decided for replacement, is not created.
- 9.6 The Second Party, "if ROR Project, shall ensure minimum flow of 15% water immediately downstream of the diversion structure of the Project throughout the year. For the purpose of determination of minimum discharge, the threshold value of not less than 15% of the minimum inflow observed in the lean seasons shall be considered. This minimum discharge is required keeping in mind the serious concerns of the State Government on account of its fragile ecology & environment and also to address issues concerning riparian rights drinking water, health aquatic life, wild life, fisheries, silt and even to honour the sensitive religious issues like cremation and other religious rites etc. on the river banks".
- 9.7 The Second Party shall ensure that the water requirement for construction of the Project including domestic needs for its residential colonies be arranged and harnessed by them from the river sources only and the local sources of water supply shall not be disturbed.
- 9.8 The First Party shall have the right for withdrawal of water from the river course for consumptive use by pumping or by gravity for the purpose of potable water supply and irrigation to the affected villagers.

Special Officer (REG.)
to the Govt. of H.P.
cum - CEO HIMURJA
Shimla - 171009

M/s. Ashapuri Hydro Power (P) Ltd.

M. Director

10

REHABILITATION/ RESETTLEMENT:-

The Second Party shall prepare Rehabilitation and Resettlement Plan as per model R&R plan annexed to this agreement for people residing at site as on the effective date and likely to be adversely affected or displaced due to construction of the Project.

11.

EMPLOYMENT TO HIMACHALIS

The Second Party shall ensure to employ at least seventy percent of its total manpower, employed whether on regular /contractual/ Sub contractual/ daily basis or employment through any other mode from amongst the bonafide Himachalis at all levels in 'A' 'B', & 'C', category of Blocks respectively. The employment condition shall not be applicable to Projects employing only one employee, located anywhere in the State and in the self employed ventures where the owner is running the unit without employing any manpower. In case of violation of this condition at any point of time during the period of construction of the project and during operation & maintenance of the project, the Second Party shall be penalized and the Second Party shall be liable for further stringent action, including refusal of accepting supply by HPSEB Ltd./any other licensee from the commissioned projects.

Labour Department will monitor the employment position at site as per the provision of Industrial Act. Any violation noticed by Labour Department or HIMURJA will be communicated to the Second Party for rectification. If the Second Party fails to rectify the same within three months, penalty @ ₹ 1000/- per MW for each percentage of shortfalls of violation shall have to be paid by the Second Party. If the violation is repeated for 6 months the penalty amount shall be doubled.

The Second Party shall be required to provide mandatory employment related information to the Labour Department of the Himachal Pradesh Government as well as concerned HIMURJA's Project Officer on the lines of instructions issued by the First Party in this regard within one month of signing of the IA and thereafter on monthly basis.

12. FREE POWER TO GOVERNMENT**12.1 Projects above 2.00 MW & upto 5.00 MW capacity:-**

- i) Royalty on water usage in respect of sale of power within the State (captive use or sale to HPSEB Ltd.), will be @ 6% in the shape of free power (energy) to the State from **HURLA TOP (3.50 MW) SHEP** for a period of 12 years reckoned after **Thirty (30)** months from the date of signing of IA of the Project or from the date till which extension in SCOD is granted by the First Party. Beyond 12 years, royalty shall be @ **15%** for next 18 years and beyond that @ **24%** upto the date of taking over of the project by First Party referred to in **Clause 4.1** of this agreement.
- ii) If Second Party makes captive use of Power outside the State or make third party sale, the above rates of royalty shall be **12%, 15% and 24%** respectively reckoned after **Thirty (30)** months from the date of signing of IA of the Project or from the date till which extension in SCOD is granted by the First Party.

Special Secretary (Energy)
to the Govt. of H.P. -
cum - CEO HIMURJA
Shimla - 171009

Ms. Ashapuri Hydro Power Project Ltd.

Director

12.2 Royalty rates for capacity addition

Continuation of 2006 policy i.e. for project upto 5 MW, capacity will be as determined at Feasibility Report (F.R.) approval and TC and no additional free power will be payable. Normal Upfront premium @ ₹ 90,000/- per MW on total capacity is payable.

If any project, where the allotted capacity is upto 5.00 MW and after capacity addition by way of optimization, it gets shifted to above 5.00 MW category, 3% Additional Free Power shall be levied over & above the rates of Normal Free Power Royalty as per the Policy applicable to Projects above 5.00 MW category at the time of approval of capacity enhancements.

12.3 Wheeling charges required to be paid for power to be transmitted within and outside the State shall be determined as per policy of HPSEB Limited/SERC/HPPTCL at that time. Commission will rationalize wheeling tariff to make it equitable so as to provide level playing field to all generators across the State.

12.4 The balance energy, after adjustment of free energy, may be used/sold by the Second Party in the following manner:-

(a) Free energy shall be made available by the Second Party at the interconnection point to the HPSEBL, wherein HPSEBL will buy power from SHPs upto 2.00 MW, if the developer so choose, provided that free power to the State is also as per 2006 Policy and the metering shall be done at this point. For SHPs above 2.00 MW upto 5.00 MW, HPSEBL will formulate an objective, prudent and transparent power purchase policy, keeping in view load centre, evacuation cost, line losses, hydrology etc.

Solid tap connectivity at the nearest or 11 kV or 22 kV line upto 2 MW capacity generation capacity will be allowed, with appropriate protection.

To ease Liquidity, Commission will determine two sets of leveled tariff i.e. one for first 5 to 10 years, which may be higher and 2nd set for balance period

No wheeling/transmission charges shall be payable for free energy from the generating station to the interconnection point.

(b) Make captive use or negotiate Third Party sale within the State or evacuate power for captive use or sale outside the State. The wheeling or transmission charges in this regard will be set by the HPERC based on petitions by the parties.

13 OBLIGATIONS OF THE PARTIES

Obligations of the Second Party.

13.1 Subject to availability, security, and operational factors being met, the Second Party shall permit free use by the First Party and the general public of all service roads constructed and maintained by it for the project. The Second Party shall bear the cost of any of the existing roads required to be improved/ widened for the construction of the project and also bear the incremental maintenance cost.

Special Secy
to the Govt. of H.P.
cum - CEO HIMURJA
Shimla - 171009

M/s. Ashapuri Hydro Power (P) Ltd.
Director

13.2

The Second Party shall undertake the implementation of the Project, keeping in view all stipulated quality control and as well as safety standards and the physical as well as financial parameters of the approved DPR. The Private Investor shall allow access to the authorized representative(s) of the Himachal Pradesh Government/HPSEB Ltd./HIMURJA/any other Agency authorized by Himachal Pradesh Government to all location of the Project to ensure compliance in this regard.

13.3

The Second Party shall ensure that the execution, operation and maintenance of the Project is generally in accordance with the DPR approved by the DOE/HPSEB Ltd./First Party. The First Party shall ensure that the Planning/Design/Construction of any other Hydro-electric Project upstream/downstream of the Project shall not affect the annual energy generation at the Project adversely. The Second Party shall also have no claim on account of development of any upstream and downstream Project in future, which may be constructed with the approval of the First Party unless such development adversely affects the scope of the Project.

13.4

The Second Party shall be fully responsible for any damage or loss arising out of the construction, operation or maintenance of the Project to any property or person and also undertake to indemnify the First Party on such account subject to force majeure. The First Party shall then hold the Second Party accountable for any such damage or loss.

13.5

The Second Party shall pay all taxes and duties or other levies etc. to the Government of India/Himachal Pradesh Government as per statutory rules in force from time to time.

13.6

The Second Party shall abide by the provisions contained in the Hydro Power Policy of the Government of Himachal Pradesh.

Obligations of the First Party:-

13.7

If any approval is required under the laws of India for the Second Party, the lenders, or any Contractor with respect to the Project, upon due and timely application therefore being made by the Second Party, First Party shall take all reasonable and appropriate steps within its administrative power, as permissible by law, to ensure that such approval is granted expeditiously, if such grant is permissible under the law.

14. POWER EVACUATION

14.1

Evacuation of power from the Project upto the HPSEB Ltd./HPPTCL/ Regional Grid Sub-station, as provided in the TEC shall be the responsibility of the Second Party and shall be a part of the Project.

14.2

The transmission system covered under this Project may be used for evacuation of power from other projects on the directions of the State Transmission Utility. In such situation the wheeling charges for common transmission system shall be as decided by HPERC.

14.3

The Second Party shall follow the directives of State Load Dispatch Centre (SLDC) in the interest of the integrated grid operation. Any dispute with reference to the integrated operation will be referred to the competent authority whose decision shall be final. Pending the decision of the competent authority the SLDC's directions shall prevail in the interest of smooth operation of the grid.

15 FORCE MAJEURE

15.1

Notwithstanding the provisions of the **Clauses 3, 7.1 and 7.2** above, the Second Party shall not be liable for the forfeiture of its Performance Guarantee or termination for default, if the non-performance or the delay in the discharge of its obligations under this agreement is the result of an event of force majeure.

Special Secretary (NES)
to the Govt. of H.P.
cum - CEO HIMURJA
Shimla - 171009

M/S. Ashapuri Hydro Power (P) Ltd.

Director

15.2

For the purpose of this agreement, "Force Majeure" shall mean an event which is unforeseeable, beyond the control of the Second Party and not involving the Second Party's fault or negligence. Such events may include war, civil war, insurrection, riots, revolutions, fire, floods, epidemics, quarantine restrictions, freight embargoes, radioactivity, earthquakes, cloudbursts, landslides and excessive snow.

15.3

If a Force Majeure situation arises, the Second Party shall promptly intimate the same to the First Party in writing. The Second Party shall continue to perform its obligations under the agreement, as far as is reasonably practical, and shall seek all reasonable alternative means for performance, not prevented by the force majeure event.

16.

ARBITRATION:-

Any difference and/or disputes arising at any time between the parties out of this IA or interpretation thereof shall be endeavored to be resolved by the parties hereto by mutual negotiations, failing which the matter shall be referred to the Arbitrator to be appointed as per the provisions of the Arbitration & Conciliation Act, 1996. However, all disputes shall be settled within the jurisdiction of Courts of Himachal Pradesh.

17.

TRANSFER OF PROJECT TO SUBSIDIARY GENERATING COMPANY

17.1

In case of bonafied Himachalis/Co-operative Societies/Companies/Voluntary Societies/Trusts/Partnership concerns/Sole Proprietorship concerns comprising wholly of bonafied Himachalis to whom project upto 2.00 MW and above 2.00 MW upto 5.00 MW capacity is allotted, the Government may consider the request of the promoters to transfer ownership wholly or partially to any other Himachalis/Co-operative Societies/companies/Voluntary Societies/Trusts/Partnership concerns/Sole Proprietorship concerns comprising wholly of bonafied Himachalis, at any stage after allotment.

17.2

In case of bonafide Himachalis to whom Projects above 2.00 MW upto 5.00 MW capacity are allotted, the First Party may consider the request of promoters to sell 49% equity shares to Non-Himachalis at any stage after allotment of a project. However, transfer/dilution of shares by Himachalis allottee to Non-Himachalis will be subject to the condition that the original allottee shall retain the controlling interest i.e. 51% equity in the new entity upto **six months** after actual commissioning of project. In the event of any contravention, the First Party shall terminate the IA forthwith at any stage.

18.

MISCELLANEOUS

18.1

Save as provided aforesaid none of the parties hereto shall assign their respective rights and obligations under this agreement without the prior consent in writing of the other party to the agreement.

18.2

Each party agrees that it shall not divulge any trade, commercial or technical secrets or confidential matters of one another to any third party save for the purpose of implementation of the Project.

18.3

The Second Party agrees to have its corporate/business office within the State of Himachal Pradesh.

Special Representative
to the Govt of H.P.
cum - CEO HIMACHAL
Shimla - 171009

M/s. Ashapuri Hydro Power Pvt. Ltd.

Director

19.

COMPOSITION OF LADF:- The LADF shall comprise of contribution by project based on project cost and free power after commissioning as envisaged in the State and National Hydro Power Policies. The hydro project developer's in the State shall contribute towards LADF in two stages.

19.1 Prior to Commissioning of the Project**19.1.1**

The Second Party shall contribute a minimum of 1.5% of final cost of the Project for projects of more than 5.00 MW capacity and a minimum of 1% for projects of capacity upto 5.00 MW. While the project authorities have to contribute minimum of 1.5% or 1% (as the case may be) of the project cost to LADF, they may contribute more, if they so desire. Initially, the LADF will be worked out on the basis of the Project cost as per DPR for depositing with the concerned Deputy Commissioner (DC). After completion of the Project, the LADF will be worked out on the final completion cost.

19.1.2

The Project cost will be as approved by CEA/State Govt. and include IDC, CAT, R&R expenses etc.. Escalation will be included when the revised TEC is given. As the entire cost is included in calculating tariff for PPAs as per regulatory guidelines, it would be appropriate to follow the same guidelines for calculating the LADF contribution. Therefore, the total cost as per TEC will be taken as basis for calculating LADF contribution. It would be adjusted as and when TEC is revised in the course of project construction/completion.

19.1.3

The balance amount of LADF worked out on final cost shall be deposited by the Second Party within one year of Commercial Operation Date (COD) of the Project.

19.2 After Commissioning of the Project

Second Party shall contribute 1% free power for LADF over and above the rates of royalty agreed to be paid to the State Government in the Implementation Agreement/ Supplementary Implementation Agreement, as the case may be. This additional 1% (one percent) free power, over and above the royalty component provided to the host State will be a pass through in tariff. The revenue collected by the Nodal Agency (Directorate of Energy from sale of such 1% free power (contribution from the Second Party) will be transferred to the Local Area Development Fund for such project.

19.3 REALIZATION OF LADF CONTRIBUTION**Prior to Commissioning of the Project****19.3.1**

Contribution to be made prior to commissioning of the Project shall be released by Second Party in the following manners:-

- 10% amount within three months of signing of Implementation Agreement (IA).
- 15% amount within 18 months of signing of IA.
- Balance 75% amount in three equal annual installments during construction period of the project. The first installment will be paid within three months of Zero date as given in the IA or 31st December, whichever is later and thereafter by 31st December on annual basis.

19.3.2

If Second Party wishes to make a contribution in advance of this schedule, it will be accepted.

19.3.3

In case of failure to adhere to the time lines as prescribed under a), b) and c) above, the Second Party shall be liable to pay interest on the due amount of LADF @ 12% per annum.

Special Secretary (NES)
to the Govt. of H.P.
cum - CEO HIMURJA
Shimla - 171009

M/s. Ashwini Piyush Pvt. Ltd.
Director

19.4 After Commissioning of the Project

The 1% free power contribution to LADF shall be sold by the State Government alongwith its share of free power. The amount equivalent to average net realization per unit multiplied by the number of units for which 1% is to be paid will be placed at the disposal of LADC annually. The average price per unit will be worked out on the basis of net proceeds of total free power sale by GOHP divided by the total number of units involved, after allowing 1 paisa per unit to be retained by the State government as the expenses of Directorate of Energy. The provision for disbursement of the amount to be received against sale of 1% Additional Free Power on account of Local Area Development Fund (LADF) as under:-

- 50% of the total amount of LADF to be divided to all families in PAA equally subject to BPL families getting higher amount as per the policy notified on 05/10/2011.
- Balance 50% of the total amount of LADF to be divided between the families in ratio of the land acquired in their respective Panchayat subject to BPL families getting higher amount as per the policy notified on 05/10/2011.

20

NOTICE. - Any notice required to be given to either party under this agreement shall be deemed to be served if sent by Cable, Fax or Telex followed by a confirmation letter delivered by hand or sent by registered post to their respective addresses.

ADDRESSES

For First Party/HIMURJA

Principal Secretary (NES), GOHP
Himachal Pradesh Secretariat,
Shimla (H.P.)-171002

Special Secretary (NES), to the GoHP-cum-
Chief Executive Officer, HIMURJA,
Block 8A, SDA Complex,
Kasumpti, Shimla (H.P.)-171009

For Second Party

M/s Ashapuri Hydro Power (P) Ltd.,
VPO Hurla, District Kullu (H.P.)-175125

FAX NO. 0177-2622635

Either Party may change the address at which notice is to be delivered by duly informing the other party in writing.

21

GOVERNING LAWS

The rights and obligations of the parties under or pursuant to this agreement shall be governed by and constituted according to Indian Law. This agreement shall be subject to the jurisdiction of the Himachal Pradesh High Court at Shimla.

22

Any violations of the above-mentioned issues concerning policy parameters, IA may results into monetary penalty including cancellation of the project.

23

Second Party agrees to pay outstanding amount, if any, to the First Party, within a month from the date of communicating the same to the Second Party.

Special Secretary (NES)
to the GOHP-cum-
Chief Executive Officer,
HIMURJA
Shimla - 171009

M/s. Ashapuri Hydro Power (P) Ltd.

Director

24

Second Party agrees that if at a later stage, it is found that some information has been suppressed or false documents have been supplied by them at the time of submission of application or subsequently, the whole responsibility will be theirs and Govt. will be at liberty to take legal action against them.

25

Second Party agrees that in case of any inadvertent omission or commission or mistakes, appearing in the Implementation Agreement (IA), are liable to be rectified at any time on or after commissioning of the project to bring the terms and conditions in accordance with the extent of Hydro Power Policy/Rules and Guidelines of the State Government that may be enforced from time to time.

IN WITNESS WHEREOF, THE PARTIES HERETO HAVE CAUSED THESE PRESENTS TO BE SIGNED, SEALED AND DELIVERED BY THEIR DULY AUTHORISED REPRESENTATIVES ON THE DAY, MONTH AND YEAR FIRST ABOVE WRITTEN.

For and on behalf of

For and on behalf of

Government of Himachal Pradesh

Ashapuri Hydro Power (P) Ltd.,

(BHANU PRATAP SINGH)

Special Secretary (H.P.)

to the Govt. of H.P. -

cum - CEO HIMURJA

Shimla - 171009

M/s. Ashapuri Hydro Power (P) Ltd.

(RAJENDER SINGH)

Director

WITNESSED BY:

WITNESSED BY:

1. (PRADEEP BHANOT)

Sr. Project Officer,

HIMURJA, Shimla (H.P.)

2. (DINESH KHACHI)

Asstt. System Analyst,

HIMURJA, Shimla (H.P.)

1.

Pankaj Thakur

S/o. Sh. Surinder Thakur

D/o. V. H. - Andri

Lower Sumerbati Shimla - 5

2.

Tehal Singh

S/o. Mohinder Singh

NPO Hudga Teh. Bhunder

Dist. Kullu (H.P.)

The Following Certificate (providing detail of villages benefitted) is hereby issued in Favour of Ashapuri Hydro Power Private Limited (3.50 MW Hurla Top SHEP):-

Sr. No.	Name Of Village	Village Code	Population
1.	Parli	001201	5519

ग्रामीण सहायक अधिकारी
राजपुरा गांव पारली
ज.प. भुन्तार, जिला कुल्लु
[Signature]
06-11-2019

c/sign
[Signature]
11.11.2019
Tehsildar Bhuntar
District Kullu (H.P.)
Signature & Stamp of Issuing Authority

127

Himachal Pradesh -IPH Department

NO.IPH-IDK-II-WA-NOC/2010:-

6849-51

Dated:- 5-7-10

To

Superintending Engineer
IPH Circle Kullu

Subject: - No Objection certificate for establishment of Small Hydel Project Hurla Top(HamakaNallah) of 1.00 MW(enhanced 3.5MW) in favour of M/S Ashapuri Hydro Power Pvt Ltd.Hural Kullu.

It is intimated that M/s. Ashapuri Hydro Power Pvt Ltd. Hurla Kullu, Distt. Kullu (HP) has applied Noc for construction of (3.5 MW) in Distt. Kullu.

It is also submitted that no water supply /irrigation scheme will be affected by construction of this project. Thus the case is recommended for issuing NOC Subject to following conditions please.

- 1 The Firm shall enter into legal agreement with the Department in this respect.
- 2 That the Chief Engineer (MZ) IPH Department, Mandi shall be the sole adjudicator of any dispute arising during construction as well as subsequently and his decision shall be binding on all the parties.
- 3 In case there is any scarcity of water due to the drought or any reasons, the requirement of department shall have precedence over the requirement of this Hydro Power Project.
- 4 The firm shall ensure adequate minimum environment flow in river/ Nallah below the diversion site to take care of aquatic life and ecology of the area. However, the minimum flow shall not be less than 15% of the available discharge at any time in the river.
- 5 The firm shall rehabilitate/repair/compensate for IPH Deptt. Assets/water resources as well as private kuhals/Irrigation schemes/water supply schemes in case these are damaged or adversely affected due to construction/operation of the project. During restoration period the arrangement for providing of water to the beneficiaries shall be made through tankers and other alternative possible arrangements by the firm.
- 6 Additional requirement of water of the department in future in addition to the project demand will get priority over the water requirement of the firm.
7. In addition to I&PH Department requirement, the firm will also satisfy the requirement of private users, if any.

8. That the Department will have liberty to draw water from Hurla Nallah a tributary of Beas river (Upstream and downstream) for construction of any water supply water up and down stream the HEP get affected the executing agency will have to deposit the original cost of the scheme including its remodeling and restoration, and irrigation scheme as and when required in future and if any schemes, sources of augmentation cost, as the case may be with the department in advance so as to make these facilities available to inhabitants of affected area for which the company will have no objection.
9. The present and future quantity of water for proposed WSS will be tapped by the department from Hurla Nallah tributary of Beas river up-stream of the intake of the HEP and the department will have precedence over the requirement of the proposed project.

The following documents as received from firm/company are sent herewith for further action please.

DA:-

1. Consent Letter allotment of project.
2. NOC from Gram Panchyat
3. Salient features of project.
4. Location Plan.
5. Lay out Plan.
6. Feasibility Study Report/DPR.
7. Authorisation Letter.

Executive Engineer
IPH Division No.II
Kullu at Bhunter.

Copy to Assistant Engineer IPH Sub Division Shamshi for information.

✓ Copy M/S Ashapuri Hydro Power Pvt.Ltd.VPO.Hurla Distt.Kullu.HP).

Executive Engineer
IPH Division No.II
Kullu at Bhunter

18/18/18
Registered

No. FSH-F (2)39/2010-ARC-Hurla Top-4856
Directorate of Fisheries,
Himachal Pradesh.

From

The Director-cum-Warden of Fisheries,
Himachal Pradesh.

To

M/s Ashapuri Hydro Powers Private Limited,
Vill & P.O. Hurla, Distt Kullu (H.P.)

Dated Bilaspur-174001 the, 30.05.11

Subject: -

Submission of report for Hurla Top (3.50 MW) SHEP in Distt Kullu (HP) - NOC reg.

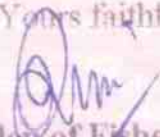
Sir,

I invite a reference of your letter No.AHP/11-9 dated 11.04.2011 vide which you have sent demand draft bearing No. 395659 dated 05.04.2011 amounting ₹ 2.572 lacs towards Fisheries development funds alongwith duly notarized affidavit and proof of signatory vide letter No.AHP/11-12 dated 11.05.2011 regarding subject cited supra.

Keeping in view the undertaking/affidavit given for the disposal of silt/muck and sustenance of aquatic fauna, the Department of Fisheries, Himachal Pradesh has no objection if the project is started at the site.

This may be treated as NO OBJECTION CERTIFICATE.

Yours faithfully,


Director-cum-Warden of Fisheries,
Himachal Pradesh.

Dated:-

Endst No. As above-

Copy forwarded for information to:-

1. The Secretary (Fisheries) to the Govt. of H.P. Shimla-2.
2. The Director, HIMURJA, SDA Complex, Kasumpti, Shimla-9.
3. The Deputy Director of Fisheries, Patlikuhl District-Kullu (HP).

Director-cum-Warden of Fisheries,
Himachal Pradesh.

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प्रदेश HIMACHAL PRADESH

12AA 642606

EXTRACT OF THE RESOLUTION PASSED BY THE PARTNERS OF M/S ASHAPURI HYDRO POWERS PVT. LTD. IN THE MEETING HELD ON 17-01-2019

As per resolution No. 19-01 dated 17-01-2019 passed in the meeting of the Directors of M/s Ashapuri Hydro Powers Pvt. Ltd., village Tharass P.O. Hurla Tehsil Bhunter Distt. Kullu H.P. held between them, it has been unanimously resolved that Mr. Tehal Singh Rana being Director of the company is hereby authorized to sign or execute all type of documents with respect to Hurla Top SHEP (3.50 MW) on behalf of the company M/s Ashapuri Hydro Powers Pvt. Ltd.

Attested
Om Parkash Kaul
Notary Public Kullu (H.P.)

17/1/2019

Signature of Directors

1. [Signature]
2. [Signature]
3. [Signature]
4. [Signature]

Director/Authorised Person

Tahal Singh Rana

Certified, this is true copy of resolution passed by the Society in the meeting held on 17-01-2019.

Signature of Directors

1. [Signature]
2. [Signature]
3. [Signature]
4. [Signature]

declared on oath
Month Year
Himachal Pradesh
Bhunter by Tehal Singh Rana
and identified by
Certified further that this affidavit has been read over & explained in vernacular to the deponent and after admitting the contents of the same to be true and Put his signature.
Attested
Om Parkash Kaul
Notary Public Kullu (H.P.)

No. / 01
Forest Department H.P.

Dated Kullu, the/ 01-4-2010

From:

Divisional Forest Officer,
Wild Life Division, Kullu.

To:

M/S Ashapuri Hydro Powers Pvt. Ltd.
Village and P.O. Hurla Distt. Kullu (HP).

Subject: N.O.C for establishment of Small Hydel Project Top (Hamka Nallah) in favour of M/S Ashapuri Hydro Power Pvt. Ltd. Hurla, Kullu.

Memo:

Kindly refer to your application No.AHP/09-03 dated 11.03.2010 received in this office on 11.03.2010 on the above cited subject.

2. In this regard, the Range Officer (Wild Life) Range Kullu has intimated that the proposed site as shown in the location plan of the Project for establishment of Small Hydel Project namely Hurla Top (Hamka Nallah) of 1.00 MW (enhanced 3.5 MW) near Manihar village in Hurla of Distt. Kullu is about 6.00 KM down hill from the boundary of Kanawar Wild Life Sanctuary. The said Project falls under the jurisdiction of Parbati Forest Division at Shamshi.


Divisional Forest Officer,
Wild Life Division, Kullu.

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No. PW/KD-I/CB/WA-I/N.O.C/2009-40666-67 Dated:- 25-3-10
To

M/S Ashapuri Hydro Power PVT. Ltd.
V.P.O. Hurla Teshil and distt. Kullu (H.P.)

Subject:- Regarding No Objection Certificate for establishment of small Hydro Project Hurla Top (Hamka Nallah) in favour of Ashapuri Hydro Power Pvt Hurla Kullu.

As per report of the Assistant Engineer, Bhunter sub Division HP,PWD, Bhunter vide his office letter No.PW-BSD/R-I/2010-2640 dated 19.3.2010, This office has no objection for the establishment of small Hydro project Hurla Top (Hamka Nallah) *Subject to following conditions*

1. That the structure should be constructed 5.00 Meter away for the edge of acquired width of road.
2. That the applicant shall not stack any construction material on berms/ road side.
3. There shall be no traffic hindrance due to construction activities by the applicant.
4. The applicant may ensure that no debris should be thrown on the PWD land/ road.
5. The applicant will be entirely responsible for any type of damage to the PWD land/ road.
6. No waste/ sewerage shall be discharged into the road side drain/ PWD road.
7. If there will be any violation of the conditions stated above the N.O.C may be presumed a cancelled.

Encl:- Nil.


Executive Engineer,
Kullu Division No.1,
HP, PWD, Kullu.

Copy to Assistant Engineer, Bhunter sub Division HP, PWD, Bhunter for information and necessary action with reference to his office letter No.PW-BSD/R.I./2009-2640 dated 19.3.2010.


Executive Engineer,
Kullu Division No.1,
HP, PWD, Kullu

प्रेषक

उपायुक्त कुल्लू।

प्रेषित

मै० आशापुरी हाइड्रो पावर प्राइवेट लिमिटेड,
हूरला जिला कुल्लू।

क्रमांक १५७ / डी आर ए
दिनांक २८-६-२०११

विषय :-

अन्नापति प्रमाण पत्र जारी करने बारे।

विषय उपरोक्त में आपके आवेदन पत्र दिनांक 30.04.2011 के सन्दर्भ में तहसीलदार, कुल्लू क्रमांक 221/वा०वाकन० दिनांक 25.05.2011 द्वारा अवतर करवाया गया है कि मै० आशापुरी हाइड्रो पावर प्राइवेट लिमिटेड, हूरला जिला कुल्लू द्वारा हामका नाला में 3.5 मैगावाट परियोजना स्थापित की जानी प्रस्तावित है। प्रस्तावित भूमि में किसी प्रकार का पीने का पानी का स्रोत व घराट इत्यादि न है।

2.6
उपायुक्त कुल्लू।

कार्यालय ग्राम पंचायत पारली



स्थित : ठेला विकास खण्ड कुल्लू तह० व जिला कुल्लू (हि० प्र०)

अध्यक्षता श्री/श्रीमती पवन कुमार प्रधान

नकल प्रस्ताव संख्या 90

उपस्थिति 151
394

दिनांक 2-10-2011

विषय : अन्नापति प्रमाण पर बैर :-

यह कि आज की ग्राम सभा बैठक में सर्व-सम्मति से प्रस्ताव पारित किया जाता है कि गाँव आशापुरी हाईड्रो पॉवर लि० व P.O. दुख्ला दारा दुख्ला-टोप (होम्मा नाला) नामक स्थान में 3.5 MW की एक विद्युत परियोजना तैयार करना चाहते हैं तथा इस बैर ग्राम सभा व ग्राम पंचायत को कोई भी सत्याज नहीं है।

डा०: अन्नापति प्रमाण पर सर्व-सम्मति से जारी किया जाता है। स्वीकार है।

प्रमाणित किया जाता है कि नकल कार्यवही अनुसार सही व दुरुस्त है।

प्रतिलिपि : 1) गाँव आशापुरी हाईड्रो पॉवर लि० व P.O. दुख्ला

2) को सुचना के

3)

4)

सचिव
ग्राम पंचायत पारली
ठेला विकास खण्ड कुल्लू
दिनांक 2-10-11

No. FSH-F (2)39/2010-ARC-Hurla Top- 3226
 Directorate of Fisheries,
 Himachal Pradesh.

From

The Director-cum-Warden of Fisheries,
 Himachal Pradesh,

To

M/s Ashapuri Hydro Powers Private Limited,
 Vill & P.O. Hurla, Distt Kullu (H.P.)

Dated Bilaspur-174001 the, 3-4-2010

Subject: -

NOC for establishment of Small Hydel Project Hurla Top(Hamka
 Nailab) 3.5 MW in favour of M/s Ashapuri Hydro Power Pvt.
 Ltd., Hurla, Kullu.

Sir,

This has a reference of your letter No. AHP/09-04 dated 11.03.2010 on the subject cited supra and inform that the survey report of captioned project is to be submitted by the Director, HIMURJA to this department. Therefore, you are advised to contact the Project Officer, HIMURJA Kullu and Deputy Director of Fisheries, Patlikuhl as well for conducting joint inspection of the project site.

Yours faithfully,



Director-cum-Warden of Fisheries,
 Himachal Pradesh.

Endst No. As above-

Dated:-

Copy forwarded for information and necessary action to:-

1. The Director, HIMURJA, SDA Complex, Kasumpti, Shimla-9
2. The Deputy Director of Fisheries, Patlikuhl District-Kullu (HP) w.r.t. this office letter No-5444-54 dated 20.06.2009. Project related documents alongwith letter from the IPP bearing No. AHP/09-05 dated 11.03.2010 which is addressed to him and received vide his letter No. TFP-5-184/03-D-IV dated nil are returned herewith for further necessary action.

Director-cum-Warden of Fisheries,
 Himachal Pradesh.