

Full Title of the Project: - Construction of 66kV transmission line from Proposed 220/66kV S/Stn.Nadukhar to existing 66/22kV S/Stn. Gumma. (H.P)

File No: - _____

Date of proposal: - _____

FORM: -“A”

From for seeking prior approval under section 2 of the proposals by the State Governments and other authorities.

“PART-1”

(TO BE FILLED UP BY USER AGENCY)


1	Project details:-	Detail of project enclosed at Annexure-AS
(i)	Short narrative of the proposal and project/scheme for which the forest land is required.	Construction of this line shall supplement the power requirements of Mashobra, Sunni, theog, Sainj, kotkhai and Chopal regions thereby resulting in providing relief to existing overloaded Jutogh-Gumma-Sainj-Hulli transmission line. It will also improve voltage profile in these areas by strengthening the grid, act as a secondary source of supply and will further justify the construction of 220/66kV sub-station at Nadukhar.
(ii)	Map showing the required forest land, boundary of adjoins forest on a 1:50000 scale map.	Attached at page_____.
(iii)	Cost of the project.	1186.60 lakh
(iv)	Justification for locating the project in forest area	Shimla Jal Prabandhan Nigam Ltd. (SJPNL/I&PH) has proposed to establish its water supply schemes in three pumping stages for fulfilling the deficit of water requirements of Shimla town and its surrounding areas and has requested HPSEBL to supply requisite power for all its pumping stages at 66kV level. Accordingly, for supplying power to the pumping stage I & II for the scheme it was envisioned to construct a 220/66kV sub-station at Nadukhar by tapping the nearby 220kV Kashang-Bhaba-Kunihar D/C line which is in close proximity to the sub-station. However, it was not practical to construct a 220kV sub-station solely for providing 20-25 MVA power to SJPNL. It would be pertinent to mention that HPSEBL's existing

		66kV Jutogh-Gumma transmission line is a single source of supply which is currently meeting the load requirements of Mashobra, Sunni, Theog, Sainj, Kotkhai & Chopal regions in Shimla district and is currently overloaded. Thus, in order to supplement the power requirements of these regions by a secondary source and further keeping in view the voltage improvement it would bring for these areas, it was proposed to construct a 66kV D/ C line from Nadukhar to Gumma. The additional load drawl of 30-40 MVA from 220 kV level and further relief from overvoltage in Kinnaur district would further justify the setup of the sub-station and construction of proposed 66kV D/C line from Nadukhar to Gumma. The resulting proposal was later approved by HPSEBL's EHV committee HPSEBL vide letter No. HPSEBL/CE(SP)/W-76(EHV)/2019-700-24 dated 16-05-2019 vide agenda item No.75.10																
(v)	Cost- benefit analysis	Attached at Page _____.																
(vi)	Employment likely to be generated	During construction stages about 80 persons (58400 man days) will be directly employed for the construction of the transmission line whereas only monitoring of construction activity will be carried out by existing regular staff (Sr. Executive Engineer, Assistant Engineer, Junior Engineer, Foreman, Lineman etc.) of HPSEBL. However, once the transmission line is commissioned, the prospective of carrying out its operation & maintenance through existing staff as aforementioned or through recruitment of new staff (regular/contract basis) as per existing norms or through deployment of staff on outsourced basis cannot be ascertained at this stage. Hence generation of regular employment at this stage is being considered as nil. Further, commissioning of this project will ensure in improvising the current voltage profile in the area thereby resulting in reliability of power supply.																
2	Purpose-wise breakup of the total land required:	16.4502 Ha. (Forest/Govt. = 8.4085 Ha, Pvt. = 8.0417 Ha) <table><tr><th colspan="2">Forest/Govt. land</th><th colspan="2">Pvt. land</th></tr><tr><td>66 kV Tower</td><td>0.4212 Ha</td><td>66 kV Tower</td><td>0.6480 Ha</td></tr><tr><td>ROW (Right of Way)</td><td>7.9873 Ha</td><td>ROW (Right of Way)</td><td>7.3937 Ha</td></tr><tr><td>Grand total</td><td>8.4085 ha</td><td>Grand total</td><td>8.0417 ha</td></tr></table>	Forest/Govt. land		Pvt. land		66 kV Tower	0.4212 Ha	66 kV Tower	0.6480 Ha	ROW (Right of Way)	7.9873 Ha	ROW (Right of Way)	7.3937 Ha	Grand total	8.4085 ha	Grand total	8.0417 ha
Forest/Govt. land		Pvt. land																
66 kV Tower	0.4212 Ha	66 kV Tower	0.6480 Ha															
ROW (Right of Way)	7.9873 Ha	ROW (Right of Way)	7.3937 Ha															
Grand total	8.4085 ha	Grand total	8.0417 ha															
3	Details of displacement of people due to the project if any	Nil																

(i)	Number of families	Nil
(ii)	Number of scheduled castes/scheduled tribe families.	Nil
(iii)	Rehabilitation plan	Nil
4	Whether clearance under Environment (Protection) Act. 1986 required (Yes/No)	No.
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 enclosed)	Attached page no. _____
6	Details of certificates/documents enclosed as required under the instructions.	

DATE: 27.07.2022

Place: - Totu (Shimla-11)


 Sr. Executive Engineer,
 Electrical System Division,
 HPSEB, Totu - Shimla-11.

State serial No. of proposal _____

(To be filled up by the Nodal Officer with date of receipt)