

Full title of project: - Construction of 11KV HT Line to the Un-electrified Village. Shagore, Shakti, & Maror in Banjar Block Distt. Kullu. (H.P)

File No: - _____

Date of proposal: - _____

**Check List Serial Number-3
(Annexure-A)**

DETAILS OF PROJECT

PROJECT HIGHLIGHTS: -

Project: - Construction of 11KV HT Line to the Un-electrified sub village(s) of Shagore, Shakti, & Maror in Banjar Block of Distt. Kullu. (H.P)

Location of project: - Sub village(s) of Shagore, Shakti & Marore in Gadaparlivillage of sub tehsil Sainj of Distt. Kullu HP in Himachal Pradesh.

Beneficiary states: - Northern Regional Constituents

Project Cost: - 114.2 Lacs

1.) BACKGROUND

The sub villages of Shagore, Shakti and Marore are located in the Gadaparlivillage (Banjar Block) of sub tehsil Sainj of distt. Kullu, H.P. Due to remote location of these three sub villages, the electricity infrastructure could not be built since independence. Consequently, extremehardships are being faced by local households, the institutions like school, panchayt Ghar, AnganBadikendrasetc. are being severely affected. Electricity being the basic legitimate right of every human being, is now required to be supplied to the population of these areas.

With an intention to supply electricity to the ibid un-electrified areas, the provision of 11 kV High tension transmission line has been made in the Flagship Capex scheme of Govt. of India namely Deen Dayal Updahayay Gramin Jyoti Yojna (DDUGJY). 11KV Transmission line comprises of XLPE insulated under Ground Cable and Air bunched Insulated Cables of high quality, is proposed through the forest land located in National Park, wild life Corridors/sanctuaries and Eco Zone. A small portion of overhead line shall also pass through the private land. The provision of laying of cables and Right of way 7mtr. has been made as per guide line for laying of transmission line through Forest areas vide Assistant Inspector General of Forest Letter No:F.No.-7-25-/2012-FC Government of India Dated: 5th May 2014. Para: 4 (I, vii, viii, ix). Total length of 11KV Transmission line will be 12.118Km. Out of which 11.696 Km and area 8.1872 hectare will be erected in forest land while 0.422 Km and 0.2954 Hectare will be erected on the private land.

2.) FUNDING

The scheme is being funded in ratio of 90:10 by Rural Electrification Corporation (REC) and Himachal Pradesh State Electricity Board Ltd. (HPSEBL)

3.) EMPLOYMENT


During construction stages about 30 persons (4500 man-day's) will be directly employed for the construction of the project whereas only monitoring of construction activity will be carried out by existing regular staff (Sr. Executive Engineer, Assistant Engineer, Junior Engineer, Foreman and Linemen etc.) of HPSEBL. However, once the Line is energized, 4 No. new regular staff will be deployed for its Operation & Maintenance (O&M) by HPSEBL in accordance to its existing staffing norms (norms enclosed). Hence, new regular employment for 4 No. people will be generated. Further, commissioning of this project will also create development potential in the area and will ensure 24x7 electricity supply to the inhabitants.

4.) DETAILS OF 11 kV HT TRANSMISSION LINE

1.	Voltage Level	11kV
2.	Line Length	12.118Km
3.	Right of Way	7Mtrs (The Line shall be through Underground/ AB Cables per Guide lines).
4.	No. of Supports to be erected.	248No(s)
5.	Area of the forest /Govt. Land to be diverted	8.1872 Hectares.
6.	Maximum height Of steel tubular poles/ Supports	9 Mtrs.

Date: - 20-08-2021

Place: Thalout.


 Sr. Executive Engineer
 Electrical System Division,
 HPSEBL Ltd, Thalout H.P.



HIMACHAL PRADESH STATE ELECTRICITY BOARD LIMITED

(A State Govt. undertaking)

Registered office

Corporate Identity Number (CIN)

Goods and Services Tax (GST) No.

Telephone Number

Website address

Email

Vidyut Bhawan, HPSEBL, Shimla-171004(H.P)

U40109HP2009SGC031255

HPSEBL 02 AACCH4894EHZB

0177-2803600,2801675(Office), 2658984(Fax)

www.hpseb.com

cmd@hpseb.in & directorfa@hpseb.in

OFFICE ORDER NO. 26 /HPSEBL(SECTT.)/2020-

Dated:- 29-06-2020

The Himachal Pradesh State Electricity Board Limited is pleased to revise the staffing norms for 220 KV, 132 KV, 66 KV and 33 KV Sub-Stations as under, in modification to this office order No.57 dated 09-07-1991 and further endorsement No.HPSEBL(SECTT.)/2-22/91-89788-878 dated 09-07-1991, with immediate effect.

i) STAFFING NORMS FOR OPERATION AND MAINTENANCE OF 220 KV SUB-STATIONS .

Sr. No.	Category of staff	No. of posts	
		Operation	Maintenance
1.	Junior Engineer(Sub-Station)	04	-
2.	Sub-Station Attendant	04	-
3.	Helper(Sub-Station)/Jr. Helper (Sub-Station)	04	-
4.	Electrician	01	-
5.	Foreman(E)	-	01
6.	Lineman	-	01
7.	Assistant Lineman	-	01
8.	T/mate/Jr. T/Mate	-	04
	Total	13	07

ii) STAFFING NORMS FOR OPERATION AND MAINTENANCE OF 132 KV AND 66 KV SUB-STATION.

Sr. No.	Name of category	No. of posts			
		Operation		Maintenance	
		132 KV	66 KV	132 KV	66 KV
	Junior Engineer(Sub-Station)	04	01	-	-

3.	Sub-Station Attendant	04	04	-	
4.	Helper/Jr. Helper (Sub-Station)	04	04	-	
5.	Electrician	01	01	-	
6.	Lineman	-	-	01	01
7.	Assistant Lineman	-	-	01	01
8.	T/Mate/Jr. T/Mate	-	-	02	02
	Total	13	10	04	04

(iii) Maintenance of Electrical System Line from 66 KV to 220 KV

Maintenance of transmission Line from 66KV to 220KV Line						
Sr. No	Category	220KV Line	132 KV Line	66KV Line	Length of Line	Remarks
1.	Assistant Engineer (E)	1	0	0	0	0
2.	Junior Engineer (E)	2	1	1	0	0
3.	Foreman(Line)	1	1	0	0	0
Line Staff up to 100 Kms						
4(a)	Lineman	4	4	4	0	0
(b)	Assistant Lineman	5	5	5	0	0
(C)	T/ Mate/ Jr. T/Mate	6	6	6	0	0
Note:-	For every 50 Kms to above 100 Kms additional post i.e. 1 No. Lineman ,1 No. Assistant Lineman, 2 Nos. T/ Mate shall be provided.					

iii) STAFFING NORMS FOR MAINTENANCE OF 11 KV, 22 KV AND 33 KV SUB-STATIONS:-

Sr. NO.	Capacity of Sub-Station	JE (S/Stn.)	SSA	ALM	Helper /Jr. Helper (Sub-Station)	Chowkidar	Mali
1. (*)	11 KV,22 KV and 33 KV Control Sub-Stations	-	1	4	-	-	-
2. (**)	11KV,22 KV and 33 KV Sub-Stations	1	4	-	4	-	-

NOTE (*):- For every group of 5 Nos. 11 KV 22 KV and 33 KV control Sub-Station the following additional to above posts shall be provided for maintenances.

Sr. No.	Name of posts	No. of post
1.	Foreman(Sub-Station)	1
2.	Electrician	1
3.	Helper/Jr. Helper (Sub-Station)	2
	Total	4

NOTE ():- The following additional posts shall be provided for maintenance of each 33 KV Sub-Station:-**

1. Electrician = 1 No.
2. Helper/Jr. Helper(S/Stn.) =2 Nos.

In addition to this, One additional post of Foreman shall be provided to above for group of two 33 KV Sub-Station).

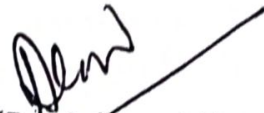
(v) Maintenance of Electrical System Line from 11 KV to 33 KV

Sr. No.	Length of line	Lineman	ALM	T/Mate/Jr.T/mate
1)	Upto 25 Kms	1	1	2
2)	26-45 Kms	1	2	3
3)	46-65 Kms	2	4	4
4)	66-85 Kms	2	5	5
5)	86-105 Kms	4	6	6
6)	106-125 Kms	4	7	7
7)	126-145 Kms	6	8	8
8)	146-165 Kms	6	9	9
9)	166-185 Kms	8	10	10
10)	186-205 Kms	8	11	11

(vi) Staffing norms 33 KV un-manned Sub-Station for Operation & Maintenance:-

Sr. No.	Name of category	No. of posts	
		Operation	Maintenance
1.	Sub-Station Attendant	1	-
2.	Jr. Helper/Helper(Sub-Station)	4	-

In addition to above, O&M works three un-manned Sub-Station clustered together in any division shall be provided 1 (One) Junior Engineer (Sub-Station), 1(One) Lineman, 2 Jr. Helper/Helper(Sub-Station) and 1(One) Electrician.



(Dr. Ashwani Kumar Sharma)
Executive Director(Personnel)
H.P. State Electricity Board Ltd.
Vidyut Bhawan, Shimla-4

NO.HPSEBL(SECTT.)/HRD/2-22(Norms)/2020-15143/15363

Dated: 29/6/2020

Copy of above is forwarded for information and necessary action:-

- 1) All the Chief Engineers in HPSEBL.
- 2) The Chief Accounts Officer, F&A Wing Shimla-4
- 3) The Resident Audit Officer, HPSEBL, Shimla-4
- 4) The Joint Secretary-cum- PS/Special PSs/Sr. PSs and PSs to the Chairman / Managing Director /Members and Executive Director (Pers) in the Board Secretariat.
- 5) All the Superintending Engineers /Sr. Executive Engineers/Resident Engineers in HPSEBL.
- 6) The Superintending Engineer (IT) for upload the same in the official web site of the HPSEBL.
- 7) All the Deputy Secretaries/Under Secretaries/Section Officers / Joint Director (PR) Deputy Director(Pers.) in the Board Secretariat .
- 8) Guard File in this office.


(Dr. Ashwani Kumar Sharma)
Executive Director(Personnel)
H.P. State Electricity Board Ltd.
Vidyut Bhawan, Shimla-4