

# HIMACHAL PRADESH STATE ELECTRICITY BOARD Ltd.

(A State Govt. undertaking)



Registered office  
Number (CIN)  
GST No.  
Telephone Number  
Address

Vidyut Bhawan, HPSEBL, Shimla-171004 (H.P.)  
U40109HP2009SGC031255  
HPSEBL, 02AACCH4894EHZB  
01978-222336  
Electrical System Division, HPSEBL Bilaspur  
sr.xen.esdbilaspur@gmail.com

No.HPSEBL/ESDB/DB-115(FCA)/AIIIMS/2020-21-753-55 Dated 28/5/22

To

✓ The Nodal Officer(FCA)-cum-APCCF  
HoFF, Tallend, Shimla-2, Himachal Pradesh.

Subject:- Diversion of 35.1655 ha.of forest land in favour of HPSEBL for construction of SoP to AIIIMS, Kuthipura, withing the jurisdiction of Bilaspur and Suket Forest Division, Distt. Bilaspur and Mandi, HP(Online proposal No.FP/ HP/TRANS/148191/2021).

Sir,

Kindly refer to letter No.FC/HPC/04/34/2022 dated 19.04.2022 from the Regional Officer, Ministry of Environment, Forest and Climate Change, CGO Complex, Shivalik Khand, Longwood, Shimla-1 vide which some observations were raised in the case of Forest Clearance mentioned as subject above. The pointwise reply of observation pertaining to this Department is appended below:-

1. The Diversion Area and Alternates explored have been marked in KML file in distinct colour of each District and revised KML has been uploaded.
2. The alternates explored have been marked in Sol toposheet and Geo-referenced map. In Justification of project in the forest area, detail of alternatives examined and reasons for their rejection are furnished.
3. The correct polygon for 51.01 hac.(forest and non forest) is uploaded.
4. The reply of this observation will be given by the Forest Department.
5. The reply of this observation will be given by the Forest Department.
6. Employment likely to be generated is filled in Col.No.E(iii)of Part I.
7. Cost Benefit analysis has been prepared and uploaded as the additional information.
8. The duly authenticated Layout plan of proposed project is uploaded in the PARIVESH portal as additional information.
9. The detail of component wise and purpose wise breakup showing Khasra No. wise forest land and non forest land in tabular form has been uploaded.
10. All the documents, Certificates and Undertaking have been uploaded in PARIVESH portal.
11. This is to be done by Forest Department.
12. The length of the transmission line is 18.300 KM and the width of ROW is 27 Mtrs. the proposed diversion comes to 49.4073 hectare. The Revenue Authorities have demarcated the land and verified it as 51.017 Ha.(35.1655 ha in forest land and 15.8515 ha in non forest land). The difference in calculation of this land may be due to following reasons:
  - 1) The line is crossing through the Hilly terrain and some portion of it is very steep. Usually when Revenue Authorities demarcate such land the sum of it differs from the sum of land length calculation in horizontal, particularly in case of private land (non forest land).

- 2) Some portion of this line is crossing through water reservoir of Govindsagar Dam due to which accuracy in measurement of land is not possible and the same has been taken from the Revenue Record due to which there is a difference.
- 3) Some portion of land is required at both ends of the line to erect towers/Gentries etc., thus there is a difference.
13. The length and width detail of towers to be erected in the project showing design/structure of towers has been uploaded in the additional information.
14. The reply of this observation is to be given by the Forest Department.
15. The reply of this observation is to be given by the Forest Department.
16. The land proposed for this line is of barest minimum forest and HPSEBL have already taken in consideration to lay the transmission line in such a way where very less trees are required to be felled, therefore, it is not possible to reduce the number of trees now.
17. The forest clearance of land in which Kothipura sub station will be constructed has already been obtained by the authorities (copy of approval attached)
18. This line is crossing through 2 Muhals of Mandi i.e. Dehar and Alsu and 15 Muhals of Bilaspur District viz: Khated,,Beri Razadiyan,Kudi,Binola,Baagi,Sihda,Bandla, Parnali,Jabli, Nauni, Sai Fardyan, Garnal, Salnoo, Pandgal and Changer Plasiyan. The proceedings of 2 Muhals of Mandi District and 14 Muhals of Bilaspur District have already been uploaded. The meeting of FRA of last Muhal i.e. Changer Plasiyan was not convened as the approval of forest clearance of the land through which the line is crossing, has already been obtained.
19. The copy of project approval is uploaded as the additional information.
20. The Muck Management Plan has been authenticated by the Divisional Forest Officer, Bilaspur and uploaded as additional information.
21. The barest minimum forest land Certificate has been uploaded in the PARIVESH portal.
22. The abstract of enumeration list of trees of Bilaspur Forest Division is to be uploaded by the Forest Division, Bilaspur.

The reply in pdf format has been uploaded in the portal as additional information and reply in hard copy alongwith copies of all documents uploaded/mentioned above is being sent herewith for further necessary action please.

Thanking you,

Yours faithfully,

Sr.Executive Engineer,  
Elect.System Division,HPSEBL,  
Bilaspur.

Encls: As above.

Copy to the Divisional Forest Officer, Bilaspur/Suket(Sundernagar) Forest Division, for information and necessary action please.

Sr.Executive Engineer,  
Elect.System Division,HPSEBL,  
Bilaspur.



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U40109HP2009SGC031255  
HPSEBL, 02AACCH4894EHZB  
01978-222336  
Electrical System Division, HPSEBL Bilaspur  
sr.xen.esd@bilaspur@gmail.com

Full Title of the Project:

Diversion of Forest Land for construction of 132kV line from 220/132/33kV Substation Kangoo to proposed 132/33kV, 2X25/31.5 MVA GIS Substation at AIIMS Bilaspur(Kothipura) Distt. Bilaspur.

File No.: FP/HP/TRANS/148191/2021

Date of Proposal: 08-10-2021

## CHECK LIST SERIAL NUMBER-10

### JUSTIFICATION FOR LOCATING THE PROJECT IN THE FOREST LAND

The transmission line is required to feed power supply to newly opened national interest project AIIMS, Bilaspur. The Transmission line is crossing through private and forest area of Mandi and Bilaspur Districts. The power is to be supplied from the feeder of 220/132/33kV Sub-station Kangoo to 132/33kV, 2X25/31.5 MVA GIS Sub-station Kothipura, Bilaspur, therefore, the location of the transmission line is to be laid from the nearest and the area where the forest is barest minimum. After preliminary survey of three routes mentioned in digital map as well as in kml file, were examined. First route shown in red colour was surveyed/examined through village Dehar, Beri Rajdiya, Nauni, Jabli & Garnaal etc. towards the hill facing Govindsagar. This route was objected by the public as well as Paragliding Association. The villagers, being Bhakra Dam oustees, were in apprehension that their very few landholdings will adversely be affected if the line will cross above their fields whereas the Paragliding Association had objected because the line will cross below their flying zone and definitely will cause danger to the lives of the paragliders while flying from flying zone. The second line shown in purple colour was proposed from the other side of the hill through Binola, Bagi, Sihra and Bandla etc. This route was not approved being the reason that the length of this line was above 23 Kms. Moreover this line was involving more inhabited area and coverage of forest area. Third line mentioned in blue colour was approved as this route was the lowest one i.e. of 18.3 Kms and the forest is barest minimum. This line from Kangoo to Kothipura was surveyed mostly along the village road which will prove very beneficial for carrying of tower members & other construction material. In addition to above inhabited area are also avoided in this route. Thus this route is most economical, having less distance and the area having barest minimum forests and thus, the proposed transmission line shown in blue colour is justified in the forest land.

Place:-Bilaspur

Date

Countersigned

Divisional Forest Officer  
Forest Division, Bilaspur.

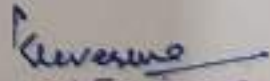
*Signature*  
Assistant Engineer  
ES Sub-Division,  
HPSEBL, Sundernagar.  
HPSEBL, Sunder Nagar (H.P.)

*Signature*  
Divisional Forest Officer  
Forest Division, Sundernagar.  
Suket Forest Division  
Sundernagar (H.P.) - 175018

## Cost Benefit Analysis for forest land diversion

Table-A : Cases under which a cost-benefit analysis for forest diversion are required

No.	Nature of proposal	Applicable/ not applicable	Remarks
1	All categories of proposals involving forest land upto 20 hectares in plains and upto 5 hectares in hills.	Not Applicable	
2	Proposal for defence installation purposes and oil prospecting (prospecting only)	Not Applicable	
3	Habitation, establishment of industrial units, tourist lodges complex and other building construction.	Not Applicable	
4	All other proposals involving forest land more than 20 hectares in plains and more than 5 hectares in hills including roads, transmission lines, minor, medium and major irrigation projects, hydro projects, mining activity, railway lines, location specific installations like micro-wave stations, auto repeater centres, TV towers etc.	Applicable	The proposal is for diversion of forest land to an extent of 35.1655 ha. for construction of 132kV Transmission line from 220/132/33 kV Substation, Kangoo to proposed 132/33 kV, 2X31.5 MVA GIS Substation at Kothipura(AIIMS), Bilaspur out of total land 51.01 ha.

  
Assistant Engineer  
Elect. System Sub-Divn.  
HPSEBL, Sunder Nagar (H.P.)



**Table- B : Estimation of cost of forest diversion**

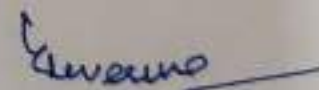
No.	Parameters	Remarks
1	Ecosystem services losses due to proposed forest diversion	Rs. 3,53,48,712 as per NPV
2	Loss of animal husbandry productivity, including loss of fodder	Rs.35,34,871 as 10% of NPV
3	Cost of human resettlement	Nil
4	Loss of public facilities and administrative (Roads, buildings, schools, dispensaries, electrical lines , railways etc.) on forest land, which would require forest land if these facilities were diverted due to the project	No such public interest facilities are involved in the proposed area of the project.
5	Possession value of forest land diverted	1,06,04,614 as 30% of NPV
6	Cost of suffering to oustees	Nil
7	Habitat Fragmentation Cost	1,76,74,356 as 50% of NPV
8	Compensatory Afforestation and soil & moisture conservation cost	Rs.1,85,33,747
<b>Grand Total</b>		<b>Rs.8,56,96,300 say Rs.8.57 crores</b>

*K. Venkatesh*

Assistant Engineer  
Elect. System Sub-Divn.  
HPSEBL, Sunder Nagar (H.P.)

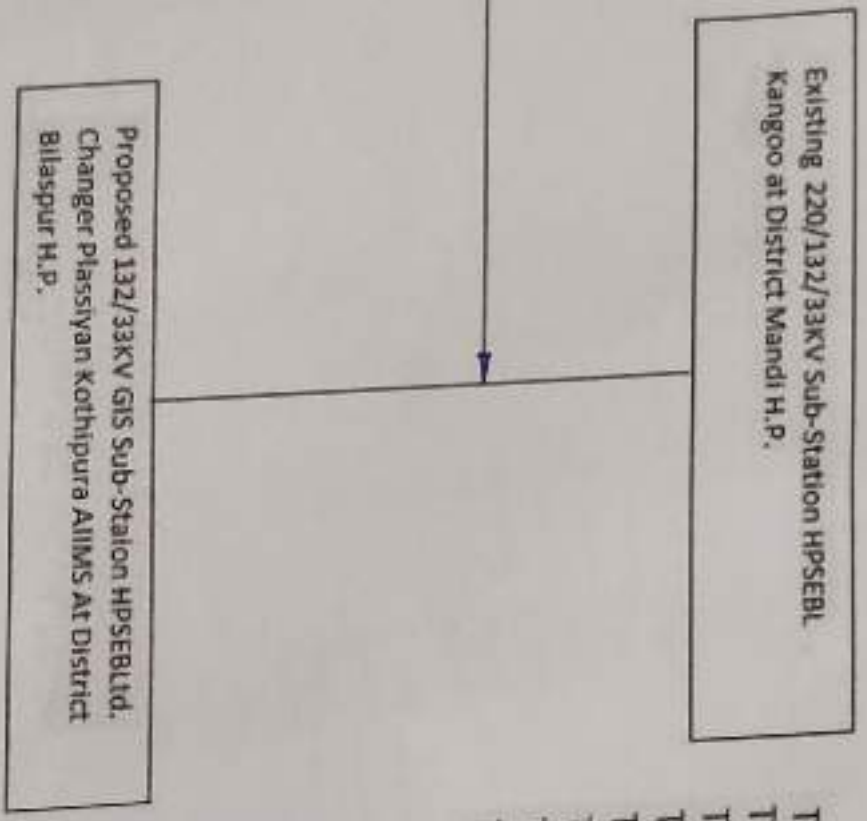
**Table- C : Existing guidelines for estimating benefits of forest-diversion in CBA**

No.	Parameters	Remarks
1	Increase in productivity attribute to the specific project	The project is of national importance and directly linked with public health facility. Thus, increase in productivity cannot be measured in monetary term.
2	Benefits to economy due to the specific project	Rs. 1529.27 lakh will be annual financial benefit due to sale of additional energy (net tariff for project area minus net cost of power purchase).
3	No. of population benefited due to specific project	This project is specifically proposed for AIIMS, Kothpura, Distt. Bilaspur, H.P. which will provide health facilities to the public of Himachal Pradesh as well as to the public of adjoining states thus it would not be possible to count the population to be benefitted in numbers.
4	Economic benefits due to of direct and indirect employment due to the project	Direct employment for 27 persons (17 permanent and 10 temporary) after functioning of this project whereas indirect employment will be for more than 1000 persons thus assuming total economic benefits can be estimate to the tune of Rs.16 Lakhs per annum.
Total financial benefit of the project		$1529.27 + 16 = 1545.27$ lakh say per annum 1545 lakh
Thus assuming project life= 99 years total benefit will be =152995 lakhs		
Total cost of forest diversion= 857 lakhs		
Benefit/Cost Ratio=178.5239		

  
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 Elect. System Sub-Divn.  
 HPSEBL, Sunder Nagar (H.P.)

# LAYOUT OF PROPOSED 132KV D/C TRANSMISSION LINE FROM EXISTING 220/132/33KV SUB-STATION HPSEBL KANGOO TO PROPOSED 132/33KV GIS SUB-STATION HPSEBL CHANGER PLASSIYA KOTHIPRA AIIMS.

Proposed 132KV D/C Transmission line from Kangoo to chnager plassiyen kothipura AIIMS



- Total Length of T/line
- Total Nos. of Towers
- Total No. of Gantary
- Towers B Type
- Tower C Type
- Tower D-Type
- Tower E type
- Tower ES type

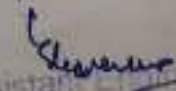
*K. Venkura*  
Assistant Engineer  
Elect. System Sub-Divn.  
HPSEBL, Sunder Nagar (H.P.)

*Approved*  
*[Signature]*  
S. N. N. S. E. (Design) ES



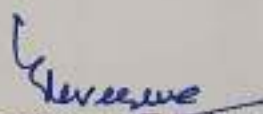
**Detail of Componentwise and purposewise breakup showing Khasra number wise forest land and non-forest land**

Land required for Erection of Towers			
Forest Land		Non-Forest Land	
Khasra Number	Area (in ha.)	Khasra Number	Area (in ha.)
1165/1	0.0202	797/1	0.0283
1/1	0.0263	795/1	0.0283
1/1	0.0263	791/1	0.0243
1/1	0.0263	1274/1	0.0243
3/1	0.0263	1436/1199/2	0.0243
2/1	0.0263	1145/1	0.0243
7/2	0.0263	1396/1096/1	0.0243
6/2	0.0263	1087/1(Gantry)	0.0185
7/4	0.0263	1086/1	0.0263
7/5	0.0263	808/423/275/290/1	0.0263
10/2	0.0263	369/290/1	0.0263
11/2	0.0190	623/109/1	0.0263
11/3	0.0190	566/1	0.0263
18/2	0.0190	598/1	0.0263
41/20	0.0190	585/1	0.0263
460/450/344/2	0.0190	306/2	0.0263
460/450/344/3	0.0190	314/2	0.0263
234/1	0.0190	195/2	0.0263
234/2	0.0226	197/2	0.0263
706/685/353/2	0.0263	245/2	0.0188
706/685/353/3	0.0263	950/2	0.0263
706/685/353/4	0.0226	963/2	0.0263
706/685/353/5	0.0226	136/2	0.0263
683/185/3	0.0226	157/2	0.0263
720/547/2	0.0226	184/2	0.0263
539/2	0.0226	112/102/97/92/69/2/1/4/2	0.0263
720/547/4	0.0226	112/102/97/92/69/2/1/4/3	0.0263
720/547/5	0.0226	112/102/97/92/69/2/1/4/1	0.0263
608/2	0.0226	112/102/97/92/69/2/1/4/1	0.0263
608/3	0.0226	<b>TOTAL</b>	<b>0.7414</b>
608/4	0.0226		
159/2	0.0226		
159/3	0.0226		
1033/185/2	0.0226		
1078/1038/334/2	0.0226		
1078/1038/334/3	0.0226		
968/244/2	0.0226		
1102/928/2	0.0188		
1102/928/3	0.0188		
1098/927/2	0.0188		
1098/927/3	0.0188		
1109/1062/937/2	0.0188		
1109/1062/937/3	0.0226		
1109/1062/937/5	0.0226		

  
 Assistant Engineer  
 Elect. System Sub-Div.  
 HPSEEL, Sunder Nagar (H.P.)

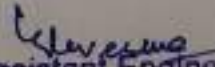


1109/1062/937/6	0.0226		
965/1	0.0226		
504/465/447/26/2	0.0226		
386/2	0.0226		
137/2	0.0226		
227/2	0.0226		
263/255/230/2	0.0226		
263/255/230/3	0.0226		
186/2	0.0226		
<b>TOTAL</b>	<b>1.1956</b>		
<b>ABSTRACT</b>			
Forest Land		1.1956	
Non-Forest Land		0.7414	
Total land required for erection of towers		<b>1.9370</b>	

  
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 HPSEBL, Sunder Nagar (H.P.)

**Detail of Componentwise and purposewise breakup showing Khasra number wise forest land and non-forest land**

Land required for RoW			
Forest Land		Non-Forest Land	
Khasra Number	Area (in ha.)	Khasra Number	Area (in ha.)
1165/1	0.0140	1180/1	0.0540
798/1	0.0889	1174/1	0.1414
1276/1	0.0806	1175/1	0.0040
424/375/290/1	0.0226	1172/1	0.0040
424/375/290/2	0.0602	1171/1	0.0040
366/290/1	0.0075	1170/1	0.0654
571/112/1	0.2408	1169/1	0.1469
94/1	0.0452	1166/1	0.0040
565/1	0.0527	797/1	0.0938
606/1	0.0452	795/1	0.2688
674/583/1	0.0038	783/1	0.0184
672/662/583/1	0.3010	790	0.0170
1/1	1.5618	791/1	0.1697
3/1	1.2682	792/1	0.0125
2/1	1.0951	787/1	0.0707
7/1	0.3123	773/1	0.0127
7/2	0.0640	789/1	0.0457
6/1	0.7413	788	0.0041
6/2	0.2032	1277/1	0.1545
7/3	0.1505	1274/1	0.0666
7/4	0.4291	1271/1	0.0121
7/5	0.0640	1191/1	0.0476
9/1	0.0075	1196/1	0.0154
10/1	0.2860	1196/2	0.0069
10/2	0.3876	1193	0.0125
11/1	0.0527	1194/3	0.0453
11/2	0.6320	1195	0.0111
11/3	0.5944	1202/3	0.2049
18/1	0.6096	1404/1197/1	0.0091
18/2	0.1127	1406/1198/1	0.1031
39/19/1	1.1515	1436/1199/1	0.0071
41/20	0.8276	1436/1199/2	0.0137
407/268/1	0.0038	1182	0.0176
260/1	0.0038	1183/1	0.0338
460/450/344/1	0.3048	1181/1	0.0483
460/450/344/2	0.0111	1180/1	0.0764
460/450/344/3	0.2670	1172/1	0.0360
448/344/1	0.0714	1173/1	0.0473
234/1	0.8503	1174/1	0.0366
234/2	0.5381	1171/1	0.0926
706/685/353/1	0.2107	1170/1	0.0051
706/685/353/2	0.1957	1144/3	0.0487
706/685/353/3	0.3801	1142/1	0.0208
706/685/353/4	0.4628	1145/1	0.0219


  
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706/685/353/5	0.0602	1142/1	0.0081
683/185/1	0.0376	1141/1	0.1514
683/185/2	0.5268	1401/1121/1	0.1734
683/185/3	0.2333	1117/1	0.0077
184/1	0.0188	1116/1	0.0080
720/547/1	0.6171	1122/1	0.0061
720/547/2	0.8805	1115/1	0.0386
539/1	0.3199	1123/1	0.0061
540/1	0.0376	1123/2	0.0129
539/2	0.0752	1123/3	0.0200
540/2	0.0188	1114/1	0.0457
720/547/3	0.5080	1109/1	0.1225
720/547/4	0.7225	1107/1	0.0044
720/547/5	0.5456	1110	0.0040
720/547/6	0.1505	1482/1111/1	0.0362
608/1	0.1468	1102/1	0.0257
608/2	0.4591	1101/1	0.0360
608/3	0.4515	1396/1096/1	0.1424
608/4	0.8467	1093/1	0.0641
159/1	0.1204	1090/1	0.0156
159/2	0.3462	1089/1	0.0152
159/3	0.1242	1496/1088/1	0.0243
1033/185/1	0.1656	1087/1	0.0094
1033/185/2	0.0978	1086/1	0.0602
1034/185	0.0339	1084/1	0.0103
191/1	0.0075	808/423/275/290/1	0.1092
1078/1038/334/1	0.0640	1/1	1.0461
1078/1038/334/2	0.7262	9/1	0.0226
1078/1038/334/3	0.1053	11/1	0.1054
969/247/1	0.0376	52/1	0.0677
968/244/1	0.1355	363/290/1	0.1543
968/244/2	0.2032	369/290/1	0.1468
968/244/3	0.0339	370/290/1	0.1769
968/244/4	0.0527	567/112/1	0.0640
1078/1038/334/4	0.2935	623/109/1	0.0641
1102/928/1	0.4252	95/1	0.1693
1102/928/2	0.6360	108/1	0.0075
1102/928/3	0.1091	566/1	0.1581
1098/927/1	0.2559	568/1	0.0753
1098/927/2	0.3236	567/1	0.0941
1098/927/3	0.4440	597/1	0.1505
1109/1062/937/1	0.0263	598/1	0.0677
1109/1062/937/2	0.7601	599/1	0.0790
1109/1062/937/3	0.1354	587/1	0.0113
1109/1062/937/4	0.3500	588/1	0.0527
1109/1062/937/5	0.5870	589/1	0.0075
1109/1062/937/6	0.0263	590/1	0.0075
965/1	0.2634	591/1	0.0339
504/465/447/26/1	0.6661	585/1	0.0301
504/465/447/26/2	0.1693	586/1	0.0075

Assistant Engineer  
Elect. System Sub-Divn.  
HPSEBL, Sunder Nagar (H.P.)

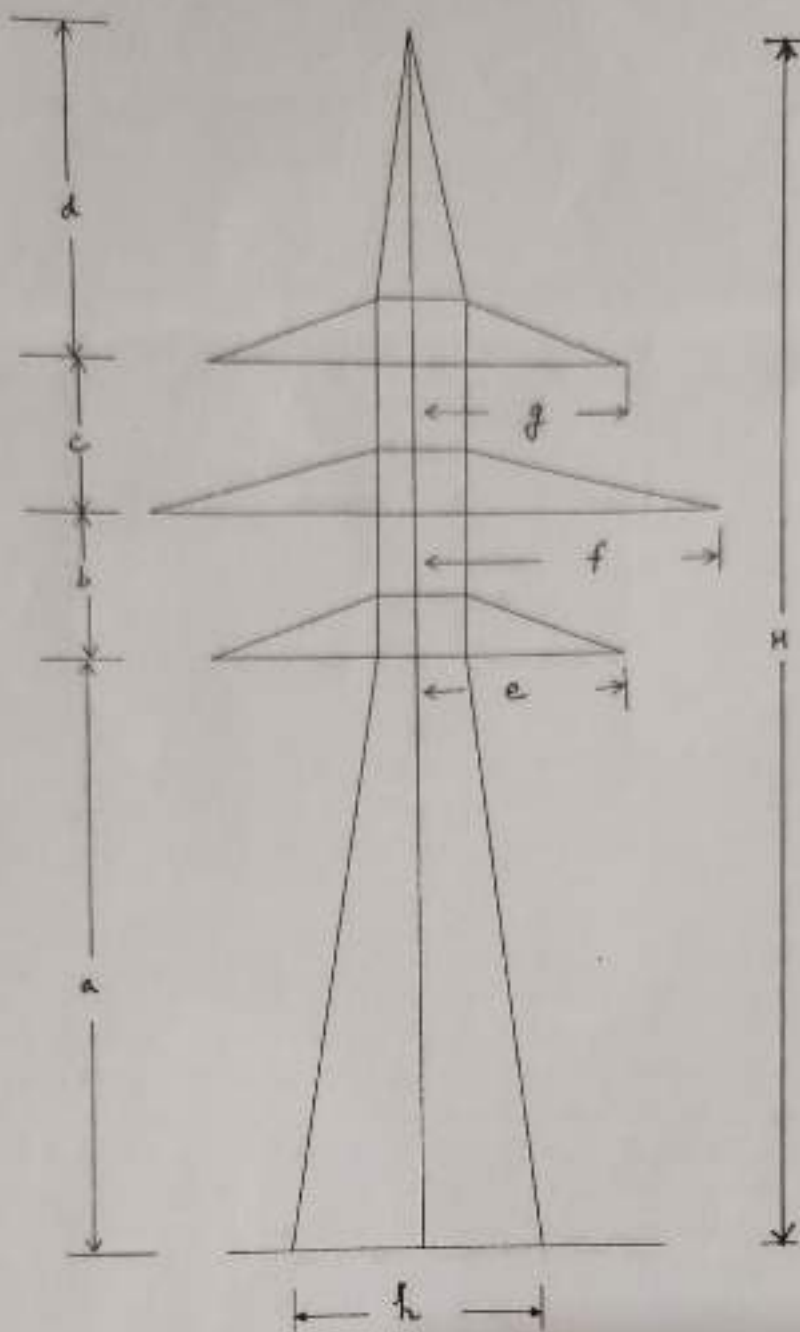
386/1	0.3500	584/1	0.0865
386/2	0.3311	578/1	0.0753
156/147/126/1	0.1392	658/583/1	0.0188
137/1	0.4854	40/20	0.0188
137/2	0.4553	418/337/1	0.1392
156/147/126/2	0.3424	300/1	0.0038
155/147/126/1	0.0188	537/301/1	0.0075
340/1	0.2484	537/301/2	0.0075
227/1	0.2032	302/1	0.1844
227/2	0.4101	304/1	0.0301
263/255/230/1	0.5042	306/1	0.0188
263/255/230/2	0.3311	306/2	0.0603
263/255/230/3	0.2220	308/1	0.0188
186/1	0.3086	309/1	0.0489
186/2	0.0489	312/1	0.0941
186/3	0.3763	313/1	0.0414
<b>TOTAL</b>	<b>33.9699</b>	314/1	0.0263
		314/2	0.0038
		524/320/1	0.0452
		317/1	0.0037
		339/1	0.0564
		445/344/1	0.0489
		444/344/1	0.1769
		473/233/1	0.1091
		473/233/2	0.0527
		474/233/1	0.1580
		235/1	0.0038
		236/1	0.0075
		231/1	0.0113
		449/344/1	0.1844
		193/1	0.0903
		199/1	0.1167
		194/1	0.0903
		195/1	0.0903
		195/2	0.0113
		206/1	0.0113
		207/1	0.0038
		722/183/1	0.0075
		723/183/1	0.1129
		726/183/1	0.0715
		727/183/1	0.1054
		728/183/1	0.0188
		548/1	0.1919
		172/1	0.2822
		173/1	0.2145
		186/1	0.0715
		184/1	0.0378
		1009/189/1	0.0113
		192/1	0.0226
		193/1	0.1129

  
 Assistant Engineer  
 Elect. System Sub-Divn.  
 HPSEBL, Sunder Nagar (H.P.)



	197/1	0.3161
	197/2	0.0452
	206/1	0.1543
	207/1	0.2672
	208/1	0.1731
	209/1	0.0188
	248/1	0.0865
	245/1	0.0339
	245/2	0.0489
	244/1	0.1618
	243/1	0.0527
	1060/937/1	0.0263
	1061/937/1	0.0527
	949/1	0.1731
	938/1	0.0301
	6/1	0.0677
	950/2	0.0979
	950/1	0.0188
	6/2	0.2295
	963/1	0.0941
	963/2	0.1468
	962/1	0.2408
	149/147/126/1	0.0151
	136/1	0.0903
	136/2	0.0113
	339/1	0.0339
	338/1	0.0715
	337/1	0.0075
	228/1	0.0300
	157/1	0.0376
	157/2	0.1242
	159/1	0.2070
	160/1	0.1505
	183/1	0.1806
	185/1	0.0564
	184/1	0.1994
	184/2	0.1317
	112/102/97/92/69/2/1/4/2	0.2936
	112/102/97/92/69/2/1/4/3	0.5419
	112/102/97/92/69/2/1/4/1	0.6848
	<b>TOTAL</b>	<b>15.1101</b>
<b>ABSTRACT</b>		
Forest Land	33.9699	
Non-Forest Land	15.1101	
Total land required for RoW of the line	49.0800	

*Levesque*  
Assistant Engineer  
Elect. System Sub-Divn.  
HPSEBL, Sunder Nagar (H.P.)



132KV D/C TRANSMISSION TOWERS DIMENSION (MM)

Sl. No.	Dim.	D/C TOWER (DDT -255)				
		A	B	C	D	E/ESP
1	a	15075	12319	12875	12918	12918
2	b	3900	4350	5275	5900	6526
3	c	4270	4650	5275	5900	6526
4	d	3970	5941	6170	7675	7675
5	e	3620	3460	4150	5380	5230
6	f	4500	4340	5030	6260	6130
7	g	3400	3430	3530	4430	4430
8	h	4750	5750	6600	7600	7600
9	H	27165	28160	29505	32793	33645

*Tejender*  
Assistant Engineer  
Elect. System Sub-Divn.  
HPSEBL, Sunder Nagar (H.P.)

A.E.E.

Approved

Sr. Engr

S.E. (Design) E.S.



Indira Park, New Delhi  
Jor Bagh Road, Aligarh  
New Delhi - 110 003  
Dated: 4<sup>th</sup> March, 2019

Principal Secretary (Forest),  
Ministry of Forests & Environment,  
Government of Himachal Pradesh,

diversion of 40.5084 ha. of forest land in favour of ADM- cum-  
 DIR ADNS C/o ADM Office Bilaspur for the construction of  
 proposed AHMS at Kothipura, within the jurisdiction of Bilaspur  
 Forest Division, District Bilaspur, State of Himachal Pradesh  
 (File Proposal No. FP/HP/DISP/36397/2018)-regarding.

It is directed to refer to the MCF (H.P.), Himachal Pradesh's letter  
 dated 20.02.2018 (FCA) dated 14.08.2018 on the above subject, wherein  
 request of the Central Government for diversion of 40.5084 ha. of  
 forest land in favour of ADM- cum- Dir ADNS C/o ADM Office Bilaspur  
 for the construction of proposed AHMS at Kothipura within the jurisdiction  
 of Forest Division, District Bilaspur, State of Himachal Pradesh  
 has been received. In pursuance with Section 2 of the Forest (Conservation) Act,  
 1980, after careful consideration of the proposal by the Forest Advisory  
 Committee (FAC) constituted under Section 3 of the said Act, **In-principle**  
 **/Stage I clearance** for diversion of the proposed forest land was  
 granted by the Ministry vide its letter of even number dated 30.01.2019  
 subject to fulfilment of certain conditions. The State Government of  
 Himachal Pradesh has furnished compliance report in respect of the  
 conditions stipulated in the stage I approval and has requested to the  
 Central Government to grant final approval.

2. In this connection, I am directed to say that on the basis of the  
 compliance report furnished by the Noted Officer Cum-ADNS C/o (FCA)  
 Himachal Pradesh's letter No. 1148-3751/2018 (FCA) dated 21.02.2019,  
 **Final approval/Stage - II Clearance** of the Central Government is hereby  
 granted under Section 2 of the Forest (Conservation) Act, 1980 for diversion  
 of 40.5084 ha. of forest land in favour of ADM- cum- Dir ADNS C/o  
 ADM Office Bilaspur for the construction of proposed AHMS at Kothipura.

*Signature*  
Assistant Engineer  
Elect. System Sub-Divn.  
HPSEBL, Sunder Nagar (H.P.)

subject to the following conditions:

109

100

legal status of the diverted forest land shall remain unchanged.

The State Government shall ensure that the User Agency will manage the unused area within the diverted forest area as green cover, planting with local species in consultation with the State Forest Department;

iii. The State Government shall ensure that after dumping is completed, the proposed dumping sites will be reclaimed in a phased manner and shall be kept as green cover by the funds already deposited by the user agency;

iv. The Compensatory Afforestation shall be done over double degraded forest land to the forest area proposed to be diverted within a period of three years with effect from the date of issue of Stage-II clearance and maintained thereafter in accordance with the approved CA Scheme in consultation with the State Forest Department at the funds already deposited by the User Agency.

v. At the time of payment on the Net Present Value (NPV) at the then prevailing rate, the User Agency shall furnish an undertaking to pay the additional amount of NPV, if so determined, as per the final decision of the Hon'ble Supreme Court of India;

vi. The User agency shall obtain the Environment Clearance as per the provisions of the Environment (Protection) Act, 1986, if required;

vii. Layout plan of the proposal shall not be changed without the prior approval of the Central Government;

viii. The forest land shall not be used for any purpose other than that specified in the proposal and under no circumstances be transferred to any other agency, department or person;

ix. The State Government shall ensure that felling of trees, if unavoidable on the forest land being diverted will be reduced to the bare minimum and trees should be felled under strict supervision of the State Forest Department. Moreover it shall be ensure that wherever possible maximum marked trees for felling should be translocated in the consultation of the State Forest Department;

x. The State Government shall complete settlement of rights in terms of the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006, if any, on the forest land to be diverted and submit the documentary evidence.

8-7-11

Signature

Assistant Engineer  
Elect. System Sub-Divn.  
HPSEBL, Sunder Nagar (H.P.)



Government shall ensure that boundary of the forest  
 already deposited by the User Agency, be erecting four  
 reinforced cement concrete pillars, each marked with  
 number, forward and back bearing, distance from pillar  
 and GPS co-ordinates.

Other condition that the concerned Regional Office of this  
 Ministry may stipulate, from time to time, in the interest of  
 conservation, protection and development of forests & wildlife;  
 The User Agency shall submit the annual self-compliance report  
 in respect of the above conditions to the State Government,  
 concerned Regional Office and this Ministry by the end of March  
 of every year regularly, and  
 The User Agency and the State Government shall ensure  
 compliance to provisions of the all Acts, Rules, Regulations,  
 Guidelines, relevant Hon'ble Court Order(s) and National Green  
 Tribunal Order(s), if any, pertaining to this project for the  
 time being in force, as applicable to the project.

Mine faithfully,

*[Signature]*

(Sunderp Sharma)

Assistant Inspector General of Forests

- Copy to:
- The PCCF, Govt. of Himachal Pradesh, Shimla
  - The Addl. PCCF, Central Regional Office (North Central Zone)
  - The Head Office, PCCF, Forest Department, O/a P.C.C., Shimla
  - User Agency
  - Monitoring Cell, EC Division, Room 604, New Delhi, for uploading
  - Grat. etc.

*[Signature]*

Assistant Inspector General of Forests

*[Signature]*

Assistant Engineer  
 Elect. System Sub Divn.  
 HPSEBL, Sunder Nagar (H.P.)



No. H.W. 4591 / 2011-12  
Government of Himachal Pradesh  
Department of Health & Family Welfare

The Additional Chief Secretary (Health)  
Government of Himachal Pradesh

The Director, Health Services,  
Himachal Pradesh Shimla-9  
Dated: Shimla-2

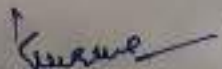
Page No.

Subject: Regarding providing Electricity and water to proposed  
Kothipura in District Bilaspur.

Sir,  
I am directed to refer to the subject cited above and to say that Assistant  
Magistrate-cum-Deputy Director (Admin) AIIMS, District Bilaspur has submitted  
estimates for providing funds to the proposed AIIMS Bilaspur. The proposals are as  
under:

- 1) The first estimate is regarding providing Electricity to proposed AIIMS at  
Bilaspur (Kothipura), District Bilaspur, Himachal Pradesh. The estimate is  
amounting to Rs. 73.78 Crore for providing Electricity to AIIMS for the  
construction of 132/33 KV, 2<sup>nd</sup> 25/31.5 MVA Sub-station at Kothipura Bilaspur.
- 2) The second estimate amounting to Rs. 303.5 lakhs is for providing SOP to 11 KV  
to Ayush Block, OPD-Block & Residential Block in AIIMS Campus at Kothipura  
by providing temporary arrangement with the installation of 33/11 KV 132/33  
MVA /Stn. (Unmanned) along with 11 KV Equipments (Out Door Type), 11/2.4  
KV 630 YVA S/Stn. And 11 KV HT Lines under (E) Sub-Divisional No-1  
Bilaspur.

The aforesaid two estimates were examined at the govt. level and I am directed to  
convey Administrative Approval of the government for Rs. 73.78 Crore for providing  
Electricity to proposed AIIMS at Bilaspur (Kothipura), District Bilaspur, Himachal  
Pradesh. I am further directed to convey the Expenditure Sanction and approval to  
provide an additionality amounting to Rs. 2000.00 Lakh (Twenty Crore Rupees) only  
under M/H 2210-01-110-03 (SOON) Plan in the SOE "Other Charges" for the supply of  
Power (SOP) to AIIMS Kothipura in District Bilaspur, during CPY. It is also conveyed  
to meet out the additional demand of funds amounting to Rs. 303.50 Lakh for providing

  
Assistant Engineer  
Elect. System Sub-Divn.  
HPSEBL, Sunder Nagar (H.P.)

temporary arrangement to Ayush Block, OPD Block & Residential Block  
at Campus at Keshipura out of the aforesaid additionalty provided above.

You are requested to transfer the amount of Rs. 1696.50 lakh to Chief Engineer  
HPSEBL, Hamirpur and to transfer the amount of Rs. 303.50 lakh to the  
Superintending Engineer, HPSEBL Bilaspur (HP) so that the work could be initiated  
at the earliest.

You are advised to get this amount regularized in the SDG during current  
financial year.

This issues with the prior concurrence of Finance Department obtained vide  
their U.O No. -Fin-G-C(2)-23/2019/54926934, dated 03-01-2020 & U.O No. PLG  
(PI) 1-30/92-Adv-384/19, dated 01-01-2020.

Yours faithfully,

Special Secretary (Health) to the  
Government of Himachal Pradesh

Endst. No. As above dated: 20 January, 2020

Copy forwarded for information and necessary action:-

- 1) Lt. Col S S Nagyal, Deputy Director (Admin), AIIMS Bilaspur.
- 2) The Deputy Commissioner, Bilaspur (H.P.)
- 3) Senior Deputy AG(A&E), AG office, H.P, Shimla-3.
- 4) Chief Engineer (ES) HPSEBL, Hamirpur
- 5) Superintending Engineer, HPSEBL Bilaspur (HP)
- 6) The Under Secretary (Finance) to the Government of Himachal Pradesh w.r.t  
his U.O No. -Fin-G-C(2)-23/2019/54926934, dated, 03-01-2020 & U.O No.  
PLG (PI) 1-30/92-Adv-384/19, dated, 01-01-2020.

Special Secretary (Health) to the  
Government of Himachal Pradesh

HPSEBL/CE(ES)/DB-AIIMS/2019-20 - 11158 dt. 4.2.2020  
Copy of above is forwarded to the Superintending Engineer ES Circle  
HPSEBL Hamirpur for information and necessary action in the matter please.

Assistant Engineer  
Elect. System Sub-Divn.  
HPSEBL, Sunder Nagar (H.P.)

Assistant Engineer (Works)



Muck Disposal/Management Plan for construction of proposed 132 KV Transmission Line from 220/132/33KV Sub Station Kangoo to proposed 132/33 KV 2X25/31.5MVA Sub Station, Kothipura(AIIMS) Bilaspur, HP

Introduction:

The HPSEBL has proposed to construct 132KV Transmission Line from 220/132/33KV Sub Station Kangoo of Mandi District to proposed 132/33 KV 2X25/31.5MVA Sub Station, Kothipura (AIIMS), District Bilaspur, HP. The total length of this line will be 18.299 KMs for which 81 Towers of following types are proposed to be erected.

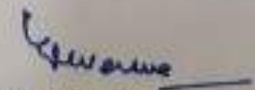
<u>type of Towers</u>	<u>No. of Towers</u>
B	14
C	18
D	18
E	15
E Spl.	16
Total	81
Gentries	2


Quantity of muck likely to be generated


The footing and base of each tower is to be constructed on the land measuring around 225 to 250 Sq Mtrs. depending upon the type of towers/land and its slope. The transmission line is proposed to be laid on the land which is hilly and sloppy thus the base of the footing is to be protected by constructing retaining walls from three or four sides. The muck generated from the cutting of soil from one side is to be adjusted to the other side for leveling the base and thus there is no scope of muck to be left after construction of Tower base, thus:

1. No need to calculate the muck generation
2. No need to utilize the muck in the other project activities.
3. No balance muck requires disposal/management plan
4. No carriage of muck generation site to the dumping site.
5. No need to develop the dumping site.
6. No need to rehabilitate of dumping site like leveling, planting of grass, shrubs and trees species.
7. No need to locate dumping site.

Even than the undersigned undertake that muck management, if any, will be carried out as per the guidelines/ instructions of the Government.

  
Assistant Engineer  
Elect. System Sub-Divn.  
HPSEBL, Sunder Nagar (H.P.)

  
Assistant Engineer,  
Electrical System Sub Division,  
HPSEBL Sundernagar.

  
Divisional Forest Officer  
Suket Forest Division  
Sundernagar (H.P.) - 175018

# HIMACHAL PRADESH STATE ELECTRICITY BOARD Ltd.

(A State Govt. undertaking)



Registered office  
Number (CIN)  
GST No.  
Telephone Number  
Address  
Email

Vidyut Bhawan, HPSEBL, Shimla-171004 (H.P.)  
U40109HP2009SGC031255  
HPSEBL, 02AACCH4894EH2B  
01978-222336  
Electrical System Division, HPSEBL Bilaspur  
[sr.xen.esdbilaspur@gmail.com](mailto:sr.xen.esdbilaspur@gmail.com)

Full Title of the Project:

Diversion of Forest Land for construction of 132kV Transmission line from 220/132/33kV Substation Kangoo to proposed 132/33kV, 2X25/31.5 MVA GIS Substation at AIIMS Kothipura, Distt. Bilaspur.

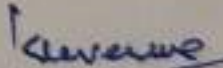
File No.: FP/HP/TRANS/148191/2021  
Date of Proposal: 08.10.2021

## CHECK LIST SERIAL NUMBER-11


### CERTIFICATE FOR MINIMUM USE OF FOREST LAND

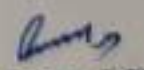
This is to certify that the forest area involved in the proposal is unavoidable and barest minimum forest area is proposed for diversion, i.e. 35.1655 hectare only.

Place - Bilaspur  
Date

  
Assistant Engineer  
ES Sub-Division  
Elect. System Sub-Divn.  
HPSEBL, Sundernagar (H.P.)

Countersigned

  
Divisional Forest Officer  
Forest Division, Bilaspur.  
Office Seal

  
Divisional Forest Officer  
Forest Division, Sundernagar.  
Suket Forest Division  
Office Seal  
Sundernagar (H.P.) - 175018