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CHECK LIST SERIAL NUMBER-06

Full Title of the Project: Diversion of **0.2484 Hectare** of forest land for erection of Tower No: 28 and gantry for loop in loop out arrangement in respect of proposed 132 KV double circuit EHV transmission line from Village-Palauhra (Tehsil-Jawali) to proposed 132 KV Sub Station site at Fatehpur, Distt- Kangra (HP) in favor of Addl. Superintending Engineer, 220 KV Sub Station (ES) Division, HPSEB Ltd. Jassure within the jurisdiction of Nurpur Forest Division, Distt. Kangra (HP).

File No: FP/HP/TRANS/15505/2015

Date of Proposal:

STATEMENT SHOWING DETAILS OF FOREST AREA PROPOSED FOR DIVERSION.

Sr. No.	District	Division	Range/ Village	Tehsil/	Khasra/ Survey or Compartment Number of Km Stone	Forest Area proposed for Diversion (Ha.)	Legal status of Forest Area	Remarks
1	2	3	4		5	6	7	8
1	Kangra	Nurpur	Jawali/Fatehpur/ Bhadwara		683/1 & 683/4/1	0.0552	UPF	
2	Kangra	Nurpur	Jawali/Fatehpur/ Moch Upperla		1305/834/1	0.1932	UPF	

Date:

Place:


 Divisional Forest Officer
 Nurpur Forest Division
 Office Seal

CHECK LIST SERIAL NUMBER-07

Full Title of the Project: Diversion of **0.2484 Hectare** of forest land for erection of Tower No: 28 and gantry for loop in loop out arrangement in respect of proposed 132 KV double circuit EHV transmission line from Village- Palauhra (Tehsil-Jawali) to proposed 132 KV Sub Station site at Fatehpur, Distt- Kangra (HP) in favor of Addl. Superintending Engineer, 220 KV Sub Station (ES) Division, HPSEB Ltd. Jassure within the jurisdiction of Nurpur Forest Division, Distt. Kangra (HP).

File No: FP/HP/TRANS/15505/2015

Date of Proposal:

STATEMENT SHOWING DETAILS OF NON FOREST AREA INVOLVED IN THE PROPOSAL

Sr. 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
-	-	-	-	-	NA	-	-




Signature of User Agency

Office Seal

Date: 06-09-2016

Place: Bodh (Jassure)

Forwarded by:-



Divisional Forest Officer
Nurpur Forest Division
Office Seal

CERTIFICATE OF NON AVAILABILITY OF NON FOREST LAND IN RESPECT OF ADDITIONAL SUPERINTENDING ENGINEER JASSUR FOR THE PROJECT "ERECTION OF TOWER NO. 28 AND GANTRY FOR LOOP IN LOOP OUT ARRANGEMENT IN RESPECT OF PROPOSED 132 KV DOUBLE CIRCUIT EHV TRANSMISSION LINE FROM PALAUHRA TEHSIL JAWALI TO FATEHPUR DISTT KANGRA.

Certified that there is no other alternative suitable non forest land is available in Mohal Bhadwara and MochUpperla , Mouza Sunet respectively under Fatehpur Tehsil for the project "Erection of Tower No. 28 and Gantry for loop in loop out arrangement in respect of proposed 132 KV double circuit EHV transmission line from Viilage Palahura (tehsil Jawali) to proposed 132 KV substation site at Fatehpur District Kangra.

HPSEER ES Division Jassur

Diary No. 1423

Date 18-7-2016

Xen 220KV Sub.Stn

No. 2038 /DRA

Dated: 14/7/2016

Pl upload on
web portal
of MSER

D/B


Collector,
Kangra at Dharmshal



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CHECK LIST SERIAL NUMBER-09

Full Title of the Project: Diversion of **0.2484 Hectare** of forest land for erection of Tower No: 28 and gantry for loop in loop out arrangement in respect of proposed 132 KV double circuit EHV transmission line from Village-Palauhra (Tehsil-Jawali) to proposed 132 KV Sub Station site at Fatehpur, Distt- Kangra (HP) in favor of Addl. Superintending Engineer, 220 KV Sub Station (ES) Division, HPSEB Ltd. Jassure within the jurisdiction of Nurpur Forest Division, Distt. Kangra (HP).

File No: **FP/HP/TRANS/15505/2015**

Date of Proposal:


(a) Alternative site explored and rejected

As the HPSEBL has the proposal for up gradation of existing 33/11 KV, 2X3.15 MVA Sub Station at Fatehpur into 132/33 KV, 2X 16 MVA capacity and the land selected for erection of Tower No: 28 and gantry for loop in loop out arrangement in respect of proposed 132 KV D/C EHV LILO transmission line is in line with the line route and in addition to this orientation of selected land is in line with that of switchyard, therefore no land other than this forest land could be selected for the project at other locations.

The detail of selected land is as follows.

Sr. No.	Muhal	Mauza	Tehsil	Distt	Khasra No.	Area (In Ha.)
1	Bhadwara	Sunet	Fatehpur	Kangra	683/1/1 & 683/4/1	0.0552
2	Moch Upperla	Sunet	Fatehpur	Kangra	1305/834/1	0.1932
					TOTAL	0.2484


Divisional Forest Officer
Nurpur Forest Division


Addl. Superintending Engineer,
220 KV Sub Stn. (ES) Division,
HPSEBL Jassure.

CHECK LIST SERIAL NUMBER-09

Full Title of the Project: Diversion of 0.2484 Hectare of forest land for erection of Tower No: 28 and gantry for loop in loop out arrangement in respect of proposed 132 KV double circuit EHV transmission line from Village- Palauhra (Tehsil-Jawali) to proposed 132 KV Sub Station site at Fatehpur, Distt- Kangra (HP) in favor of Additional Superintending Engineer, 220 KV Sub Station (ES) Division, HPSEB Ltd. Jassure within the jurisdiction of Nurpur Forest Division, Distt. Kangra (HP).

File No: _____

Date of Proposal: _____

(b) JUSTIFICATION FOR LOCATING THE PROJECT IN FOREST AREA.


HPSEBL has the proposal for up gradation of existing 33/11 KV, 2X3.15 MVA Sub Station at Fatehpur into 132/33 KV, 2X 16 MVA capacity. Stage-1 approval of the forest land measuring 0.9250 Hectare for the up gradation of existing Substation has already been granted by the MOEF (GOI) as intimated vide letter No: -9-HPB/707/2014-CHA/224 Dated: -11-05-2015.


The electricity power to the proposed Substation will be fed through proposed 132 KV double circuit EHV transmission line originating from Village- Palauhra, Tehsil- Jawali (*Tapping point of existing 132 KV D/C EHV transmission line from Jassure to Dehra, Ckt- No: 2*) to proposed Substation site at Fatehpur.

For the erection of Tower No: 28 and gantry for loop in loop out arrangement in respect of above mentioned line at Fatehpur, forest land measuring 0.2484 Hectares is urgently required to be diverted. The forest land proposed for diversion is adjoining proposed 132 KV switchyard of Substation and moreover is in line with the line route.

Due to the reasons as explained above no any alternate piece of land could be selected for the project.

Countersigned


Divisional Forests Officer
Nurpur Forest Division
Divisional Forest Officer
Nurpur Forest Division


Addl. Superintending Engineer,
220 KV Sub Stn. (ES) Division,
HPSEBL Jassure.

CHECK LIST SERIAL NUMBER-10

Full Title of the Project: Diversion of **0.2484 Hectare** of forest land for erection of Tower No: 28 and gantry for loop in loop out arrangement in respect of proposed 132 KV double circuit EHV transmission line from Village- Palauhra (Tehsil-Jawali) to proposed 132 KV Sub Station site at Fatehpur, Distt- Kangra (HP) in favor of Addl. Superintending Engineer, 220 KV Sub Station (ES) Division, HPSEB Ltd. Jassure within the jurisdiction of Nurpur Forest Division, Distt. Kangra (HP).


File No: FP/HP/TRANS/15505/2015

Date of Proposal:

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. **0.2484 Hectare**, which is proposed for diversion. Moreover no any alternate piece of land could be selected other than the land adjoining the existing 33/11 KV, 2X3.15 MVA Sub Station, Fatehpur which is to be upgraded into the higher capacity.

Date: 06-09-2016
Place: Bodh (Jassure)


Signature of User Agency
Office Seal

Countersigned


Divisional Forest Officer,
Nurpur Forest Division
Office Seal

CHECK LIST SERIAL NUMBER-11

Full Title of the Project :- Erection of Tower No. 28 and Gantry for loop in loop out arrangement in respect of proposed 132KV Double Circuit EHV Transmission Line from village Palauhra Tehsil Jawali to proposed Sub Station site at Fatehpur, Distt Kangra (HP).

File No : FP/HP/TRANS/15505/2015

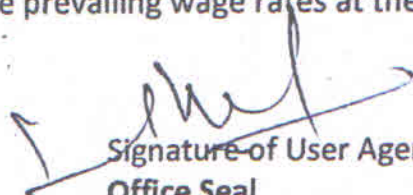
Date of Proposal : _____

UNDERTAKING FOR PAYMENT OF COST OF COMPENSATORY AFFORESTATION.

I/we Er. R.K.Sharma, Addl. Superintending Engineer, 220KV Sub Station (ES) Division, HPSEB Ltd, Jassure hereby undertake to pay the entire amount of compensatory afforestation in lieu of the forest area diverted for Erection of Tower No. 28 and Gantry for loop in loop out arrangement in respect of proposed 132KV Double Circuit EHV Transmission Line from village Palauhra Tehsil Jawali to proposed Sub Station site at Fatehpur, Distt Kangra (HP) as per the prevailing wage rates at the time of undertaking the plantation activities.

Date : 16.05.2016

Place : Bodh (Jassure)



Signature of User Agency

Office Seal

Addl. Superintending Engineer
220 KV S/STN. (ES) Division
HPSEBL Jassure

Countersigned by :-


Divisional Forest Officer
Nurpur Forest Division
Office Seal

CHECK LIST SERIAL NUMBER-12

Full Title of the Project :- Erection of Tower No. 28 and Gantry for loop in loop out arrangement in respect of proposed 132KV Double Circuit EHV Transmission Line from village Palauhra Tehsil Jawali to proposed Sub Station site at Fatehpur, Distt Kangra (HP).

File No : FP/HP/TRANS/15505/2015

Date of Proposal : _____

UNDERTAKING FOR PAYMENT OF NET PRESENT VALUE OF FOREST AREA

(a) It is certify that I/we Er. R.K.Sharma, Addl. Superintending Engineer, 220KV Sub Station (ES) Division, HPSEB Ltd, Jassure has applied for diversion of 0.2484 Hectare of forest area for the purpose of Erection of Tower No. 28 and Gantry for loop in loop out arrangement in respect of proposed 132KV Double Circuit EHV Transmission Line from village Palauhra Tehsil Jawali to proposed Sub Station site at Fatehpur, Distt Kangra (HP). I/we, hereby, undertake to pay the net present value (NPV) of the above forest land.

(b) It is also certified that we will be ready to pay the additional amount of NPV, if so determined, as per the final decision of the Hon'ble Supreme Court of India.

Date : 16-05-2016
Place : Bodh (Jassure)

Signature of Use Agency

Office Seal

Addl. Superintending Engineer
220 KV S/STN, (ES) Division
HPSEBL Jassure

Countersigned by :-

Divisional Forest Officer
Nurpur Forest Division
Office Seal

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CHECK LIST SERIAL NUMBER-12

Bill for Net Present Value (NPV) of forest land proposed to be diverted for the erection of Tower No: 28 and gantry for loop in loop out arrangement in respect of proposed 132 KV double circuit EHV transmission line from Village- Palauhra (Tehsil-Jawali) to proposed 132 KV Sub Station site at Fatehpur, Distt- Kangra (HP).

Total Area:	0.2484 Hectare
Rate of NPV:	Rs. 657000.00 Per Ha.
Total Amount of NPV:	Rs. 163200.00 only.


Divisional Forest Officer
Nurpur Forest Division

CHECK LIST SERIAL NUMBER-17

Full Title of the Project: Diversion of **0.2484 Hectare** of forest land for erection of Tower No: 28 and gantry for loop in loop out arrangement in respect of proposed 132 KV double circuit EHV transmission line from Village- Palauhra (Tehsil-Jawali) to proposed 132 KV Sub Station site at Fatehpur, Distt- Kangra (HP) in favor of Addl. Superintending Engineer, 220 KV Sub Station (ES) Division, HPSEB Ltd. Jassure within the jurisdiction of Nurpur Forest Division, Distt. Kangra (HP).

File No: FP/HP/TRANS/15505/2015

Date of Proposal:

"SCHEME FOR COMPENSATORY AFFORESTATION"

Detailed scheme for Compensatory Afforestation to be carried out in lieu of **0.2484 Hectare** of forest area to be diverted for purpose of erection of Tower No: 28 and gantry for loop in loop out arrangement in respect of proposed 132 KV double circuit EHV transmission line from Village- Palauhra (Tehsil-Jawali) to proposed 132 KV Sub Station site at Fatehpur, Distt- Kangra (HP).

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

District: - Kangra Village: -Bhol

Tehsil: - Jawali

Name of Forest Division: -Nurpur Range: Jawali

Block/ Compartment/ Survey No: U77-Bhol-C1, C2

Area to be afforested: -**0.50 Hectare**

2. **Description of Area:-**

(i) Whether the site selected for Compensatory Afforestation is a land bank or not: YES, U77-Bhol-C1, C2

(ii) If the CA site is other than the land bank, reasons be given: - NA

(iii) In case of non-forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary: -NA

(iv) Soil type: Sandy Loam

(v) Topography:-

(a) Undulating

(b) Slope: Gentle

vi) Whether the area is bearing any root stock of vegetation: - YES

3 Plantation Model:-

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

4 Schedule of Plantation Program:-

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

Sr. No.	Particulars of Work	No/ Qty	Schedule Rate	Schedule Rate	Increase	Rate	Amount
1	Survey & demarcation of plantation area	0.5	Hact.	102.25	34.08	136.33	68.16
2	Preparation/purchase of RCC fence posts	70	Nos	272.75	90.91	250.00	17500.00
3	Carriage of RCC fence posts up to 2 mt. long over distance 2 Km.	70	Nos	681.75	227.23	908.98	1272.57
4	Preparation/digging of holes 20-30 cm dia & 50 cm deep	70	Nos	906.75	302.22	1208.97	846.28
5	Fixing of RCC fence posts including strutting	70	Nos	696.25	232.06	928.31	649.82
6	Carriage of barbed wire over distance 2 Km.	1.50	Qtls	170.50	56.83	227.33	681.98
7	Stretching & fixing of barbed wire in 4 strands	1200	Rmt	4.75	1.58	6.33	7599.81
8	Preparation of inspection path 60 cms width.	300	Rmt	11.00	3.67	14.67	4399.89
9	Preparation of water retention mounds/trenches.		LS		0.00	0.00	3000.00
10	Interlacing of thorny bushes along the fence.	200	Rmt	4.00	1.33	5.33	1066.64
							37085.15
Planting							
1	Digging of pits 45 x 45 x 45 cm	550	Nos	954.25	318.05	1272.30	6997.66
2	Filling of pits 45x45x45 cm	550	Nos	272.75	90.91	363.66	2000.12
3	Carriage of plants in P/bags over distance 2 Km. uphill	550	Nos	218.00	72.66	290.66	3197.25
4	Planting of entire plant raised in P/bags	550	Nos	218.25	72.74	290.99	1600.46
5	Planting of grass tufts/preparation of strips including sowing in strips 100x30x5 cm for grass sowing along contour	250	Nos	920.00	306.64	1226.64	3066.59
6	Moisture conservation works		LS				5000.00
	Total planting cost						21862.08
MATERIAL							
1	Cost of barbed wire	1.50	Qtls			7000.00	10500.00
2	Cost of Plants	550	Nos			13.00	7150.00
	Total material						17650.00
	Planting Cost						76597.23

Maintenance Cost							
1st Year Maintenance							
1	Re digging of pits 45 x 45 x 45 cm	125	Nos	477.25	159.07	636.32	795.40
2	Filling of pits 45x45x45 cm	125	Nos	272.75	90.91	363.66	454.57
3	Planting of entire plant raised in P/bags	125	Nos	218.25	72.74	290.99	363.74
4	Planting of grass tufts/preparation of strips including sowing in strips 100x30x5 cm for grass sowing along contour	125	Nos	920.00	306.64	1226.64	1533.30
5	Carriage of plants in P/bags over distance 2 Km. uphill	125	Nos	218.00	72.66	290.66	363.32
6	Nursery cost of plants	125	Nos	0	0.00	14.00	1750.00

7	Repair of Fencing	400	Rmt	1.75	0.58	2.33	933.31
8	Repair of inspection path		LS				1000.00
9	Moisture conservation works		LS				2000.00
	Total						9193.64
	2nd Year Maintenance						
1	Re digging of pits 45 x 45 x 45 cm	100	Nos	477.25	159.07	636.32	636.32
2	Filling of pits 45x45x45 cm	100	Nos	272.75	90.91	363.66	363.66
3	Planting of entire plant raised in P/bags	100	Nos	218.25	72.74	290.99	290.99
4	Planting of grass tufts/preparation of strips including sowing in strips 100x30x5 cm for grass sowing along contour	100	Nos	920.00	306.64	1226.64	1226.64
5	Carriage of plants in P/bags over distance 2 Km. uphill	100	Nos	218.00	72.66	290.66	290.66
6	Nursery cost of plants	100	Nos	0	0.00	14.00	1400.00
7	Repair of fencing	400	Rmt	1.75	0.58	2.33	933.31
8	Repair of inspection path		LS				1000.00
9	Moisture conservation works		LS				2000.00
	Total						8141.57
	3rd Year Maintenance						
1	Re digging of pits 45 x 45 x 45 cm	75	Nos	477.25	159.07	636.32	477.24
2	Filling of pits 45x45x45 cm	75	Nos	272.75	90.91	363.66	272.74
3	Planting of entire plant raised in P/bags	75	Nos	218.25	72.74	290.99	218.24
4	Planting of grass tufts/preparation of strips including sowing in strips 100x30x5 cm for grass sowing along contour	75	Nos	920.00	306.64	1226.64	919.98
5	Carriage of plants in P/bags over distance 2 Km. uphill	75	Nos	218.00	72.66	290.66	217.99
6	Nursery cost of plants	75	Nos	0	0.00	15.00	1125.00
7	Repair of fencing	400	Rmt	1.75	0.58	2.33	933.31
8	Repair of inspection path		LS				1000.00
9	Moisture conservation works		LS				1500.00
	Total						6664.51
	4th year Maintenance						
1	Re digging of pits 45 x 45 x 45 cm	50	Nos	477.25	159.07	636.32	318.16
2	Filling of pits 45x45x45 cm	50	Nos	272.75	90.91	363.66	181.83
3	Planting of entire plant raised in P/bags	50	Nos	218.25	72.74	290.99	145.50
4	Planting of grass tufts/ preparation of strips including sowing in strips 100x30x5 cm for grass sowing along contour	50	Nos	920.00	306.64	1226.64	613.32
5	Carriage of plants in P/bags over distance 2 Km. uphill	50	Nos	218.00	72.66	290.66	145.33
6	Nursery cost of plants	50	Nos	0	0.00	16.00	800.00
7	Repair of fencing	400	Rmt	1.75	0.58	2.33	933.31
8	Repair of inspection path		LS				1000.00
9	Moisture conservation works		LS				1500.00
	Total						5637.44

	5 th year Maintenance						
1	Re digging of pits 45 x 45 x 45 cm	50	Nos	477.25	159.07	636.32	318.16
2	Filling of pits 45x45x45 cm	50	Nos	272.75	90.91	363.66	181.83
3	Planting of entire plant raised in P/bags	50	Nos	218.25	72.74	290.99	145.50
4	Planting of grass tufts/preparation of strips including sowing in strips 100x30x5 cm for grass sowing along contour	50	Nos	920.00	306.64	1226.64	613.32
5	Carriage of plants in P/bags over distance 2 Km. uphill	50	Nos	218.00	72.66	290.66	145.33
6	Nursery cost of plants	50	Nos	0	0.00	16.00	800.00
7	Repair of fencing	400	Rmt	1.75	0.58	2.33	933.31
8	Repair of inspection path		LS				1000.00
9	Moisture conservation works		LS				1500.00
	Total						5637.44
	6 th year Maintenance						
1	Re digging of pits 45 x 45 x 45 cm	50	Nos	477.25	159.07	636.32	318.16
2	Filling of pits 45x45x45 cm	50	Nos	272.75	90.91	363.66	181.83
3	Planting of entire plant raised in P/bags	50	Nos	218.25	72.74	290.99	145.50
4	Planting of grass tufts/preparation of strips including sowing in strips 100x30x5 cm for grass sowing along contour	50	Nos	920.00	306.64	1226.64	613.32
5	Carriage of plants in P/bags over distance 2 Km. uphill	50	Nos	218.00	72.66	290.66	145.33
6	Nursery cost of plants	50	Nos	0	0.00	16.00	800.00
7	Repair of fencing	400	Rmt	1.75	0.58	2.33	933.31
8	Repair of inspection path		LS				1000.00
9	Moisture conservation works		LS				1500.00
	Total						5637.44
	7 th year Maintenance						
1	Re digging of pits 45 x 45 x 45 cm	50	Nos	477.25	159.07	636.32	318.16
2	Filling of pits 45x45x45 cm	50	Nos	272.75	90.91	363.66	181.83
3	Planting of entire plant raised in P/bags	50	Nos	218.25	72.74	290.99	145.50
4	Planting of grass tufts/preparation of strips including sowing in strips 100x30x5 cm for grass sowing along contour	50	Nos	920.00	306.64	1226.64	613.32
5	Carriage of plants in P/bags over distance 2 Km. uphill	50	Nos	218.00	72.66	290.66	145.33
6	Nursery cost of plants	50	Nos	0	0.00	16.00	800.00
7	Repair of fencing	400	Rmt	1.75	0.58	2.33	933.31
8	Repair of inspection path		LS				1000.00
9	Moisture conservation works		LS				1500.00
	Total						5637.44
	8 th year Maintenance						
1	Re digging of pits 45 x 45 x 45 cm	50	Nos	477.25	159.07	636.32	318.16
2	Filling of pits 45x45x45 cm	50	Nos	272.75	90.91	363.66	181.83
3	Planting of entire plant raised in P/bags	50	Nos	218.25	72.74	290.99	145.50

4	Planting of grass tufts/preparation of strips including sowing in strips 100x30x5 cm for grass sowing along contour	50	Nos	920.00	306.64	1226.64	613.32
5	Carriage of plants in P/bags over distance 2 Km. uphill	50	Nos	218.00	72.66	290.66	145.33
6	Nursery cost of plants	50	Nos	0	0.00	16.00	800.00
7	Repair of fencing	400	Rmt	1.75	0.58	2.33	933.31
8	Repair of inspection path		LS				1000.00
9	Moisture conservation works		LS				1500.00
Total							5637.44
9 th year Maintenance							
1	Re digging of pits 45 x 45 x 45 cm	50	Nos	477.25	159.07	636.32	318.16
2	Filling of pits 45x45x45 cm	50	Nos	272.75	90.91	363.66	181.83
3	Planting of entire plant raised in P/bags	50	Nos	218.25	72.74	290.99	145.50
4	Planting of grass tufts/preparation of strips including sowing in strips 100x30x5 cm for grass sowing along contour	50	Nos	920.00	306.64	1226.64	613.32
5	Carriage of plants in P/bags over distance 2 Km. uphill	50	Nos	218.00	72.66	290.66	145.33
6	Nursery cost of plants	50	Nos	0	0.00	16.00	800.00
7	Repair of fencing	400	Rmt	1.75	0.58	2.33	933.31
8	Repair of inspection path		LS				1000.00
9	Moisture conservation works		LS				1500.00
Total							5637.44
10 th year Maintenance							
1	Re digging of pits 45 x 45 x 45 cm	50	Nos	477.25	159.07	636.32	318.16
2	Filling of pits 45x45x45 cm	50	Nos	272.75	90.91	363.66	181.83
3	Planting of entire plant raised in P/bags	50	Nos	218.25	72.74	290.99	145.50
4	Planting of grass tufts/preparation of strips including sowing in strips 100x30x5 cm for grass sowing along contour	50	Nos	920.00	306.64	1226.64	613.32
5	Carriage of plants in P/bags over distance 2 Km. uphill	50	Nos	218.00	72.66	290.66	145.33
6	Nursery cost of plants	50	Nos	0	0.00	16.00	800.00
7	Repair of fencing	400	Rmt	1.75	0.58	2.33	933.31
8	Repair of inspection path		LS				1000.00
9	Moisture conservation works		LS				1500.00
Total							5637.44
					Sub Total: -1		199006.27
Contingency charges @ 5%							9950.31
					Sub Total: -2		208956.58
Departmental Charges @ 17.50%							36567.40
					G. Total: -		245523.99

Say Rs. 245600.00

Area proposed for Compensatory Afforestation:
Total Area Proposed for Compensatory Afforestation:

U 77-Bhol-C1, C2
0.5 Hectare

Range Forest Officer
Jawar (Kangra) H.P.

Divisional Forests Officer
Nurpur Forest Division

Technical Details:-

- a) Technical details of Compensatory Afforestation Scheme are as follows:-
- b) General Details: -Plantation will be carried out artificially
- c) Spacing: -9 Feet
- d) Species: - Shisham, Khair, Kachnar, Bamboo etc.
- e) Plantation Method: -Through Department
- f) Soil and Moisture Conservation Works: -As per scheme
- g) Protection (Fencing, Watchman, People's Participation etc.) As per scheme
- h) Proposed Monitoring Mechanism: -NA
- i) Any other information: -NA


Range Forest Officer
Bawali (Kangra) H.P.


Divisional Forests Officer
Nurpur Forest Division

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CHECK LIST SERIAL NUMBER-18

Full Title of the Project: Diversion of **0.2484 Hectare** of forest land for erection of Tower No: 28 and gantry for loop in loop out arrangement in respect of proposed 132 KV double circuit EHV transmission line from Village- Palauhra (Tehsil-Jawali) to proposed 132 KV Sub Station site at Fatehpur, Distt- Kangra (HP) in favor of Addl. Superintending Engineer, 220 KV Sub Station (ES) Division, HPSEB Ltd. Jassure within the jurisdiction of Nurpur Forest Division, Distt. Kangra (HP).

File No: FP/HP/TRANS/15505/2015

Date of Proposal:

LAND SUITABILITY CERTIFICATE BY THE DFO

This is to certify that **1.0 Hectare** land bearing Survey No. / Compartment No. **U77-Bhol-C1, C2** of village- **Bhol** Tehsil- **Jawali** District **Kangra** identified for Compensatory Afforestation is suitable for raising plantation from the management point of view from is free and all sorts of encumbrances and encroachments.

Place:

Dated: -


Divisional Forest Officer
Nurpur Forest Division
Office Seal
Nurpur Forest Division

CHECK LIST SERIAL NUMBER-19

Full Title of the Project: Diversion of **0.2484 Hectare** of forest land for erection of Tower No: 28 and gantry for loop in loop out arrangement in respect of proposed 132 KV double circuit EHV transmission line from Village- Palauhra (Tehsil-Jawali) to proposed 132 KV Sub Station site at Fatehpur, Distt- Kangra (HP) in favor of Addl. Superintending Engineer, 220 KV Sub Station (ES) Division, HPSEB Ltd. Jassure within the jurisdiction of Nurpur Forest Division, Distt. Kangra (HP).

File No: FP/HP/TRANS/15505/2015

Date of Proposal:

DETAILED REPORT ON VIOLATION OF PROVISIONS OF FOREST ACTS

- (a) The extent (in hectare) of forest land broken/ encroached and the number of trees illicitly felled.
- (b) The name & designations of the officials/ persons who are prima face responsible for the contravention of the provisions of the Act, supported by requisite documents.
- (c) In case, it is not possible to fix the responsibility for commission/ omission of any action leading to violation of the provisions of the Act, full explanation with relevant supporting documents to be appended.
- (d) Details of action taken by the DFO against illicit felling/ encroachment/ illegal mining etc, under the provisions of IFA-1927/PLPA-1900/ other State Forest Acts etc.

Place:

Dated:


Divisional Forest Officer
Nurpur Forest Division
Office Seal

Countersigned By:-

Conservator of Forests
Office Seal

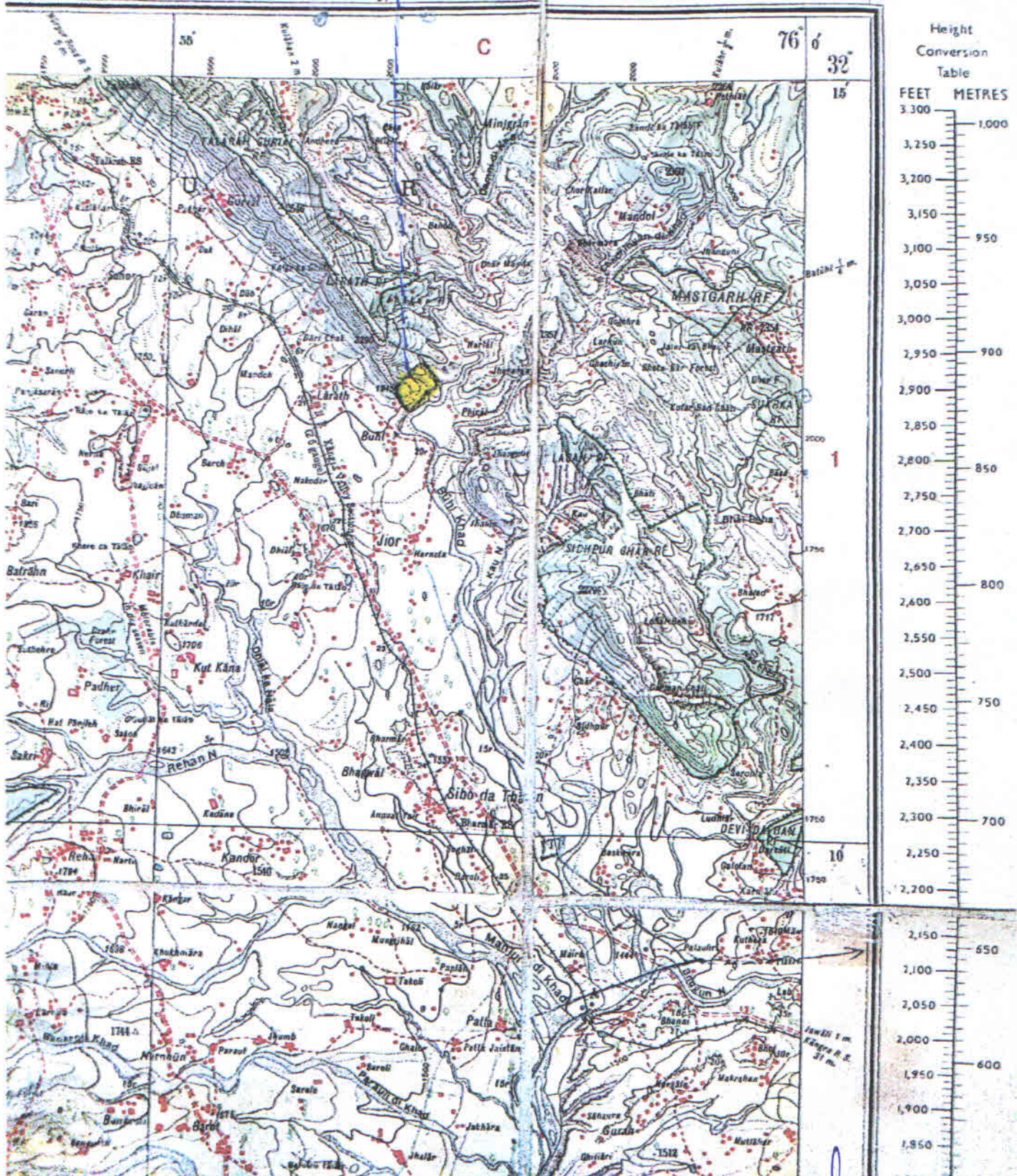
CA Area
U77Bhol C1

THIRD EDITION

Refer to this map as :- ONE INCH
SHEET 43 P/16 THIRD EDITION

No. 43 $\frac{P}{16}$

Magnetic Variation from True North about East in 1953.
(Decreasing by about 3' annually).



Height Conversion Table

FEET	METRES
3,300	1,000
3,250	
3,200	
3,150	
3,100	950
3,050	
3,000	
2,950	900
2,900	
2,850	
2,800	850
2,750	
2,700	
2,650	800
2,600	
2,550	
2,500	
2,450	750
2,400	
2,350	
2,300	700
2,250	
2,200	
2,150	650
2,100	
2,050	
2,000	600
1,950	
1,900	
1,850	

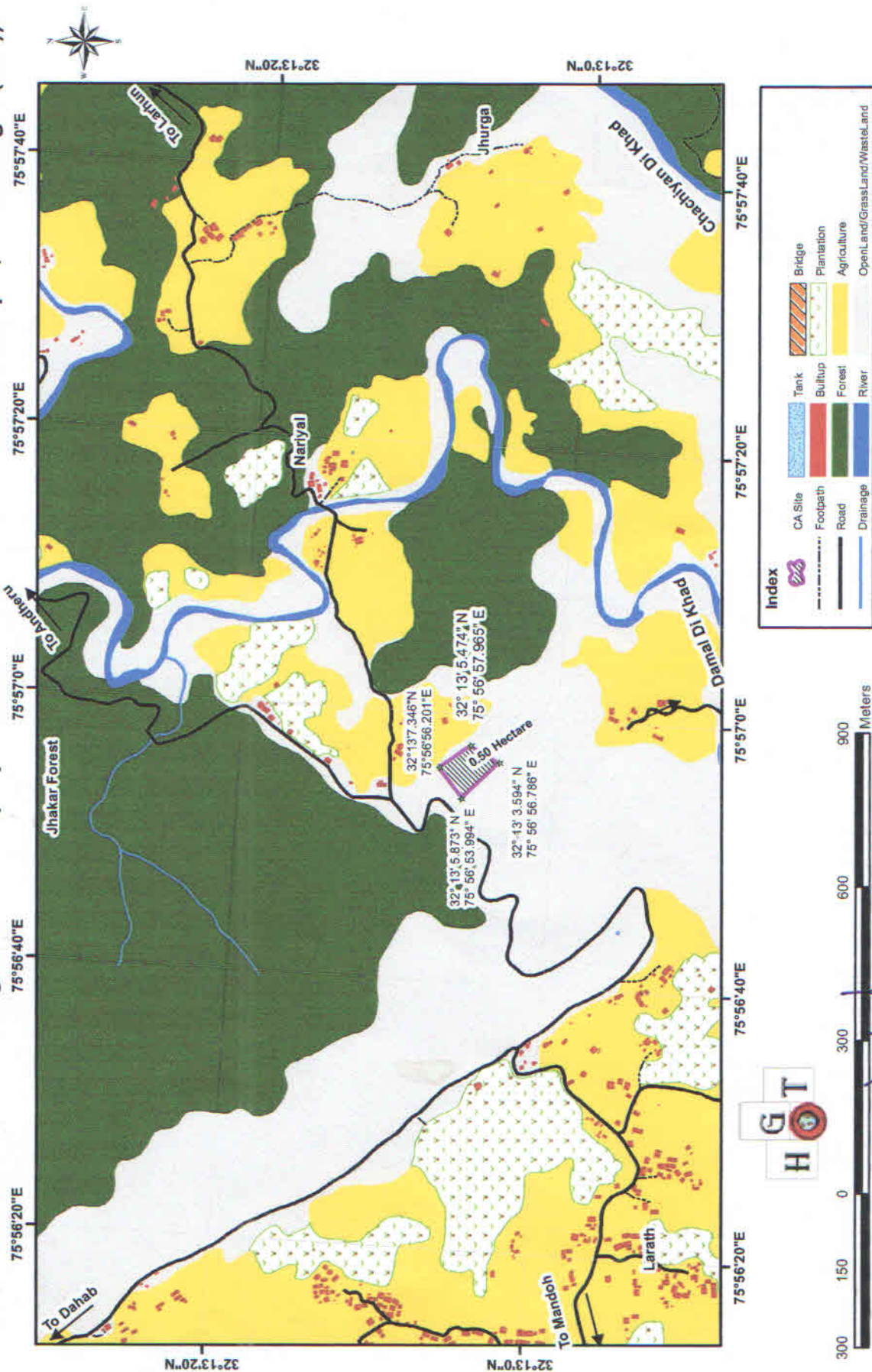
Scanned by CamScanner

Range Forest Officer
Jawali (Kangra) H.P.

Divisional Forest Officer
Nurpur Forest Division
Nurpur

Addl. Superintending Engineer
220 KV SSTN. (ES) Division
HPSEBL Jassure

Digital Landuse Map for Compensatory Afforestation
(Erection of Tower No:28 and Gantry for loop in loop out arrangement in respect of proposed 132 KV double circuit
EHV Transmission Line from village Palauhra to proposed 132 KV Sub Station site at Fatehpur, Distt-Kangra (H.P))



Divisional Forest Officer,
Nurpur Forest Division,
Nurpur

[Signature]
Addl. Superintending Engineer
220 KV S/STN. (ES) Division
HPSEBL, Jammu

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CHECK LIST SERIAL NUMBER-14

Full Title of the Project: Diversion of **0.2484 Hectare** of forest land for erection of Tower No: 28 and gantry for loop in loop out arrangement in respect of proposed 132 KV double circuit EHV transmission line from Village- Palauhra (Tehsil-Jawali) to proposed 132 KV Sub Station site at Fatehpur, Distt- Kangra (HP) in favor of Addl. Superintending Engineer, 220 KV Sub Station (ES) Division, HPSEB Ltd. Jassure within the jurisdiction of Nurpur Forest Division, Distt. Kangra (HP).

File No: FP/HP/TRANS/15505/2015

Date of Proposal:

Certified that there are 12 No. Eucalyptus tree growths over the site selected (**Khasra No: 683/1/1 & 683/4/1, Area: 0.0552 Ha. And Khasra No: 1305/834/1, Area: 0.1932 Ha.**) for the purpose of erection of Tower No: 28 and gantry for loop in loop out arrangement in respect of proposed 132 KV double circuit EHV transmission line from Village- Palauhra (Tehsil-Jawali) to proposed 132 KV Sub Station site at Fatehpur, Distt- Kangra (HP).

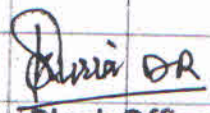
List of 12 No. Eucalyptus trees is attached herewith at Page No: - 41


Divisional Forest Officer,
Nurpur Forest Division.

Enumeration List of Euc. Trees in Tima March for, Proposed
132 KV Double Circuit EHV Transmission Line from Paloura Teh.
Jawali to F. Pur. Dist. Kangra at under

uprela 13hadwara

Name of Forest & Comm.	Kinto	Spps	Sub	Girth	Class.	Remarks	vill
UP 132 Shmet C-1	683/1	Euc.	1	150	IB	Green standing	Shadwara
	1305	-v-	2	130	IA	-v-	Mach
	834						
	1305		3	140	IIA	-v-	Mach
	834		4	152	IB	-v-	Mach
	-do-		5	117	III	-v-	Mach
	-do-		6	131	IIA	-v-	Mach
	-do-		7	127	IIA	-v-	Mach
	-do-		8	132	IIA	-v-	Mach
	-do-		9	118	III	-v-	Mach
	-do-		10	115	III	-v-	Mach
	683/1		11	112	II	-v-	Shadwara
	1305		12	139	IIA	-v-	Mach
	834						
<u>ABSTRACT</u>							
	II	IIA	IB	IA	Total	Vol.	
Euc G/Std Fst -	4	6	2	-	12.		
Vol.	2.24	6.78	2.54	-	-	11.56.	


Block Officer
Forest Block Fatehpur

(12) Wiman
2201er G/Std (5)
G/Std.
HPS/MS/JS/SSW

JOINT INSPECTION REPORT


Joint inspection of site for the purpose of diversion of forest land for the erection of Tower No. 28 and gantries for Loop in Loop out arrangement in respect of proposed 132 KV double circuit EHV transmission line originating from Village- Palauhra (Tehsil- Jawali) to proposed 132 KV Sub Station at Fatehpur, Distt- Kangra (HP) was carried out on Dated: -24-08-2015 by the committee comprising of undersigned officers.


A scheme for up gradation of existing 33/11 KV, 2X3.15 MVA Sub Station at Fatehpur into 132/33 KV, 2X16 MVA capacity has been approved in the 63rd EHV transmission committee meeting of HPSEBL held on Dated: -04-01-2013 at Shimla. Stage-1 approval for diversion of forest land measuring **0.9250 Ha.** for the construction of above mentioned Sub Station has already been accorded by the Govt. of India MoEF & Climate change vide letter No: -9-HPB/707/2014-CHA/224 Dated: -11-05-2015. The proposed Sub Station will be fed through 132 KV D/C EHV transmission line originating from Village- Palauhra (Tehsil- Jawali) to proposed 132 KV Sub Station at Fatehpur. All the tower locations except Tower No: 28 and gantry arrangement for Loop in Loop out arrangement at Sub Station site Fatehpur are in private land. The procurement of private land in respect of T-1 to T-27 is under progress.


For the construction of Tower No: 28 and gantries for Loop in Loop out arrangement, forest land measuring **0.2484 Ha.** which is adjoining proposed 132 KV Sub Station site is to be diverted in favour of HPSEBL. Since the selected land falls within the line route and moreover its orientation is in line with switchyard, therefore no any alternate piece of land could be proposed at other locations.

There are 09 No. Eucalyptus tree growths over the land which is proposed to be diverted, and these are also required to be removed from the site to keep the right of way of line clear as per provisions of Indian Electricity Rules-2005. No muck will be generated at site, although addition soil will be required for the development of land and making the level of land upto the level of switchyard.

After the construction of this line and 132 KV Sub Station at Fatehpur, the voltage profile of approximately 110 villages will improve to a larger extent as the Sub Station is proposed near to the load center. Also, reliable, un-interrupted and quality supply of power shall be ensured to the consumers.


Addl. Superintending Engineer,
220 KV S/ Stn. (ES) Division,
HPSEB Ltd. Jassure (HP).


Divisional Forest Officer,
Nurpur Forest Division,
Nurpur (HP).


Sub Divisional Officer (Civil),
Jawali, Distt- Kangra (HP).

CHECK LIST SERIAL NUMBER-15

Full Title of the Project: Diversion of **0.2484 Hectare** of forest land for erection of Tower No: 28 and gantry for loop in loop out arrangement in respect of proposed 132 KV double circuit EHV transmission line from Village-Palauhra (Tehsil-Jawali) to proposed 132 KV Sub Station site at Fatehpur, Distt- Kangra (HP) in favor of Addl. Superintending Engineer, 220 KV Sub Station (ES) Division, HPSEB Ltd. Jassure within the jurisdiction of Nurpur Forest Division, Distt. Kangra (HP).

File No: FP/HP/TRANS/15505/2015

Date of Proposal:

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 the Addl. Superintending Engineer, 220 KV Sub Station, (ES) Division, HPSEB Ltd. Jassure for diversion (under FCA-1980) of 0.2484 Hactare of forest land for non- forestry purpose. The project envisages the use of forest land for construction of Tower No. 28 and Gantry for Loop in loop out arrangement in Tehsil-Fatehpur, Distt- Kangra, HP.

The site inspection of the land involved in the proposal has been done by me on Dated: - 14/08/2016. It is found that the land required by the user agency is 0.2484 Hectare for Tower No. 28 and Gantry for loop in loop out in Tehsil-Fatehpur, concerning various villages as well as forest, since ages.

The requirement of forest land as proposed by the User Agency in Col.2 of Part-1 unavoidable and is barest minimum required for the project

No rare/ endangered/ unique species of flora and fauna found in the area.

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

A detailed as per para 1.9 of Chapter I, Part-C of Hand Book of Forest (Conservation) Act, 1980 is attached).

Specific recommendation for acceptance or otherwise of the proposal

The Proposal is recommended for Approval

Date: - 14-08-2016

Place: - Nurpur


Divisional Forest Officer,
Nurpur Forest Division,
Nurpur.