

**FULL TITLE OF THE PROJECT: THANA PLAUN (191MW)
HYDROELECTRIC PROJECT**

PROPOSAL NO.: FP/HP/HYD/8255 /2014

DATE OF PROPOSAL: NOVEMBER 29TH,2014

CHECK LIST SERIAL NUMBER: -17
(DETAILED SCHEME FOR COMPENSATORY AFFORESTATION)

Full Title of the Project: Diversion of 406.79 ha. of Forest land in favour of Himachal Pradesh Power Corporation, Ltd., Thana Plaun & Triveni Mahadev HEPs, HPPCL, Tehsil Kotli, Distt. Mandi, HP for the construction of Thana Plaun (191MW) HEP within the jurisdiction of Jogindernagar and Mandi Forest Divisions, Distt. Mandi. H.P.

Proposal No. : FP/HP/HYD/8255 /2014

Date of Proposal: November 29th, 2014

CHECK LIST SERIAL NUMBER: - 17

**TOTAL FINANCIAL OUTLAY OF COMPENSTATORY
AFFORESTATION SCHEME**

#	Forest Division	Area proposed under CA in Hectares	Amount in Rs. Lakh	Remarks
1	Mandi (20 Muhal, 51 Khasras)	473.49	1045.25333	Forest land proposed under diversion is 236.24 ha.
2	Jogindernagar (17 Muhal, 30 Khasras)	341.99	775.34788	Forest land proposed under diversion is 170.55 ha.
Total	37 Muhal, 81 Khasras	815.48	1820.60121 (Say Rs. 1820.61 lakh)	Total Forest Land proposed for diversion is 406.79

Divisional Forests Officer

Mandi Forest Division

Office Seal
Divisional Forest Officer
Forest Division Mandi (H.P.)

Place.. J/Nagar

Date.. 29/11/2014

Divisional Forests Officer
Divisional Forest Officer
Joginder Nagar Forest Division
Joginder Nagar (H.P.)

Office Seal.....

Approved

Chief Conservator of Forests (T)
Forest Circle, Mandi (H.P.)

FULL TITLE OF PROJECT:- Diversion of 406.79 hectare of forest land for construction of Thana Plaun HEP (191 MW) under the jurisdiction of Mandi forest Division Distt. Mandi H.P.

File No.

FP/HP/HYD/8255/2014

UNDERTAKING

I do hereby undertake that 473.49 ha of forest land proposed for compensatory Afforestation by this division in diversion of forest and for the construction of Thana Plaun, HEP (191 MW), within the jurisdiction of Mandi Forest Division for which compensatory Afforestation scheme has been prepared as per prevailing rates of wages. As and when the in Principal approval is received to this office from the competent Authority and accordingly the rates of CA scheme has now been revised as per the current new rates fixed by higher Authority and same will be recovered from the User Agency.


**Divisional Forest Officer,
Mandi Forest Division, HP**

Full Title of the Project:

317b
Diversion of 406.79 hect. of forest land(170.55 ha. Joginder Nagar and 236.24 ha. Mandi Forest Division) in favor of HP Power Cor. Ltd. for the construction of Thana Plaun HEP(191MW), within the jurisdiction of Joginder Nagar & Mandi Forest Divisions, Distt. Mandi, HP.

File No.

FP/HP/HYD/8255/2014.

UNDERTAKING

I, do hereby undertake that 208.00 ha. forest land proposed for compensatory afforestation by this Division in diversion of forest land for the construction of Thana Plaun, HEP (191MW) within the jurisdiction of Joginder Nagar and Mandi Forest Divisions, for which compensatory afforestation scheme will be prepared as per prevailing rates of wages than after in accordance of "In-Principle" approval by the competent authority and accordingly amount will be realized from user agency thereof.

Place: Karsog

Date: 21/09/2014


Divisional Forest Officer,
Karsog Forest Division, HP.

Full Title of the Project:

317C
Diversion of 406.79 hect. of forest land(170.55 ha. Joginder Nagar and 236.24 ha. Mandi Forest Division) in favor of HP Power Cor. Ltd. for the construction of Thana Plaun HEP(191MW), within the jurisdiction of Joginder Nagar & Mandi Forest Divisions, Distt. Mandi, HP.

File No.

FP/HP/HYD/8255/2014.

UNDERTAKING

I, do hereby undertake that 67.00 ha. forest land proposed for compensatory afforestation by this Division in diversion of forest land for the construction of Thana Plaun, HEP (191MW) within the jurisdiction of Joginder Nagar and Mandi Forest Divisions, for which compensatory afforestation scheme will be prepared as per prevailing rates of wages than after in accordance of "In-Principle" approval by the competent authority and accordingly amount will be realized from user agency thereof.

Place: Sunder Nagar

Date: 22/02/2021


Divisional Forest Officer,

Forest Division, Suket
at Sunder Nagar.

Sunder Nagar (H.P.) - 175018

3172

FULL TITLE OF PROJECT:- Diversion of 406.79 hectare of forest land for construction of Thana Plaun HEP (191 MW) under the jurisdiction of Mandi forest Division Distt. Mandi H.P.

File No.

FP/HP/HYD/8255/2014

UNDERTAKING

I do hereby undertake that 59.96 ha of forest land proposed for compensatory Afforestation by Mandi Forest Division in diversion of forest for the construction of Thana Plaun, HEP (191 MW), within the jurisdiction of Mandi Forest Division, for which compensatory Afforestation scheme has been prepared as per prevailing rates of wages. As and when the **"In Principle"** approval is received to this office from the competent Authority the rates of CA scheme will be recovered from the User Agency as per the prevailing wages rates/Cost norms.



**Divisional Forest Officer,
Mandi Forest Division, HP**

317e

Full title of Project: Diversion of 406.79 hect. of forest land (170.55 ha. Joginder Nagar and 236.24 ha. Mandi Forest Division) in favour of HP Power Cor. Ltd. for the construction of Thana Plaun, HEP (191 MW), within the jurisdiction of Joginder Nagar and Mandi Forest Division, Distt. Mandi, HP.

File No: FP/HP/HYD/8255/2014.

UNDERTAKING

I, do hereby undertake that 7.03 hect forest land proposed for compensatory afforestation by this division in diversion of forest land for the construction of Thana Plaun, HEP (191 MW), with in the jurisdiction of Joginder Nagar and Mandi Forest Division, for which compensatory afforestation scheme will be prepared as per prevailing rates of wages. As and when the in-principle approval is received to this office from the compentent authority and accordingly the rates of CA scheme has now been revised as per the current new rates fixed by higher authority and same will be recovered from the User Agency.

Date: 23/2/2001

Place: J/Nagar


Divisional Forest Officer,
Forest Division, Joginder Nagar.
Office seal
Joginder Nagar (H.P.)

Full Title of the Project: Diversion of 406.79 hact. Of forest land in favour of Thana Plaun HEP (191MW), HPPCL within the jurisdiction of Joginder Nagar & Mandi Forest Divisions, Distt. Mandi, HP.

"SCHEME FOR COMPENSATORY AFFORESTATION"

Detailed scheme for Compensatory Afforestation for Khasra No. 25 in Muhal Jamnu of Tehsil Karsog, Distt. Mandi, HP. measuring 38.75 hectares to be carried –out in lieu of 409.78 hact. of forest area to be diverted for construction of Thana Plaun HEP (191 MW) in favour of HPPCL

1) Detail of degraded forest land /non- forest land:-

District : Mandi, Village: Jamnu,
Tehsil: Karsog, District: Mandi, HP.
Name of Forest Division:Karsog, Range: Pangna
Block/ Compartment/Survey No.: H43F3
Area to be afforested : 38.75 hact.

2) Description of Area

- I) Whether the site selected for Compensatory Afforestation is a land bank or not: No, the selected area is a Non- Forest Land.
- II) If the CA site is other than the land bank, reasons be given: **Yes (Non-Forest Land)**
- III) In case of non forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary: **Alongside Parwain PF**
- IV) Soil type: **Sandy loam.**
- V) Topography:
- VI (a) Hilly/undulation/ Plain: **Hilly**
- VII(b) Slope Steep / Medium/ Gentle: **Medium**
- VI) Whether the area is bearing any root stock of vegetation, Bushes: **Yes Bushes Present.**

3) Plantation Model:-

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

- 4) Estimate for compensatory afforestation to be carried-out in lieu of area diverted under FCA, 1980 (For one hect. Area)
- 5) Fencing as per letter No. Ft. State CAMPA/2010/Norms/Vol.II dated 30.05.2018 of Pr. CCF(HoFF)HP.
Cost per ha. (exclusive of cost of plants) = 63200/-
Cost of plants (1100 Nos. i.e. 1100x13) = 14300/-
Total Cost = 74450/-

6) Schedule of Plantation Programme:-

A (i) Details of year wise break up of requirements of funds is as under:

Year	Area in hac.	Rate/ha.	Total amount
New Plantation	38.75	74450	2884938
1st Year	38.75	6850	265438
2nd Year	38.75	4600	178250
3rd Year	38.75	2400	93000
4th Year	38.75	2400	93000
5th Year	38.75	2400	93000
6th Year	38.75	2400	93000
7th Year	38.75	2400	93000
8th Year	38.75	2400	93000
9th Year	38.75	2400	93000

10th Year	38.75	2400	93000
Total A (i)			4072626
A (ii)- cost of plants 98038 Nos.		13	1274494
Total (A)			5347120
B (i) Soil Conservation works	38.75	30000	1162500
ii) (a) Lantana Eradication 75%	38.75	23700	918375
(c) Maint. 1 st year	38.75	5200	201500
(d) Maint. 2 nd year	38.75	3200	124000
(e) Maint. 3 rd year	38.75	3200	124000
Total (B)			2530375
Total A+B			7877495
Contingency @ 5%			393875
Total			8271370
Departmental charges @ 17.5%			1378562
G.Total			9649932

- 7) **Technical Details:-** Technical details of Compensatory Afforestation Scheme are as follows:
- General Detail:- The plantation will be done through pit method as per plantation norms. The area will be protected by Barbed wire fencing and mixture of Conifer and B/L species will be planted. 1100 plants will be planted in all in 1.00 hac@1100 plants per hac. (Mixture of plant shrubs and grasses)
 - Spacement:- Pits of size 45x45x45 cm and 30x30x30 cm will be used for planting 60% naked root stock and 40% P/Bags stock.
 - Species:- Based on locality factor and demand of people.
 - Plantation Method:- Pit planting method.
 - Soil and moisture conservation works:- 25% of afforestation cost.
 - Protection (fencing, watch men, People's participation etc):- Area will be protected from grazing by erecting barbed wire fencing at all vulnerable places around the plantation.
 - Proposed Monitoring Mechanism:- By higher authority.
 - Any other information :- Nil

Date: 06-03-2019

Place: Karsog

Divisional Forest Officer,
Karsog Forest Division, HP.

Approved

Chief Conservator of Forests (T)
Forest Circle, Mandi (H.P.)

Full Title of the Project: Diversion of 406.79 hact. Of forest land in favour of Thana Plaun HEP (191MW), HPPCL within the jurisdiction of Joginder Nagar & Mandi Forest Divisions, Distt. Mandi, HP.

"SCHEME FOR COMPENSATORY AFFORESTATION"

Detailed scheme for Compensatory Afforestation for Khasra No. 546 in Muhal Jamnu of Tehsil Karsog, Distt. Mandi, HP. measuring 16.83 hectares to be carried -out in lieu of 409.78 hact. of forest area to be diverted for construction of Thana Plaun HEP (191 MW) in favour of HPPCL

1) Detail of degraded forest land /non- forest land:-

District : Mandi, Village: Jamnu,
Tehsil: Karsog, District: Mandi, HP.
Name of Forest Division:Karsog, Range: Pangna
Block/ Compartment/Survey No.: H43F3
Area to be afforested : 16.83 hact.

2) Description of Area

- I) Whether the site selected for Compensatory Afforestation is a land bank or not: No, the selected area is a Non- Forest Land.
- II) If the CA site is other than the land bank, reasons be given: **Yes (Non-Forest Land)**
- III) In case of non forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary: **Alongside Parwain PF**
- IV) Soil type: **Sandy loam.**
- V) Topography:
- VI (a) Hilly/undulation/ Plain: **Hilly**
- VII(b) Slope Steep / Medium/ Gentle: **Medium**
- VI) Whether the area is bearing any root stock of vegetation, Bushes: **Yes Bushes Present.**

3) Plantation Model:-

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

- 4) Estimate for compensatory afforestation to be carried-out in lieu of area diverted under FCA, 1980 (For one hect. Area)
- 5) Fencing as per letter No. Ft. State CAMPA/2010/Norms/Vol.II dated 30.05.2018 of Pr. CCF(HoFF)HP.
Cost per ha. (exclusive of cost of plants) = 63200/-
Cost of plants (1100 Nos. i.e. 1100x13) = 14300/-
Total Cost = 74450/-

6) Schedule of Plantation Programme:-

A (i) Details of year wise break up of requirements of funds is as under:

Year	Area in hac.	Rate/ha.	Total amount
New Plantation	16.83	74450	1252994
1st Year	16.83	6850	115286
2nd Year	16.83	4600	77418
3rd Year	16.83	2400	40392
4th Year	16.83	2400	40392
5th Year	16.83	2400	40392
6th Year	16.83	2400	40392
7th Year	16.83	2400	40392
8th Year	16.83	2400	40392
9th Year	16.83	2400	40392

Full Title of the Project: Diversion of 406.79 hact. Of forest land in favour of Thana Plaun HEP (191MW), HPPCL within the jurisdiction of Joginder Nagar & Mandi Forest Divisions, Distt. Mandi, HP.

“SCHEME FOR COMPENSATORY AFFORESTATION”

Detailed scheme for Compensatory Afforestation for Khasra No. 554 in Muhal Jamnu of Tehsil Karsog, Distt. Mandi, HP. measuring 10.28 hectares to be carried –out in lieu of 409.78 hact. of forest area to be diverted for construction of Thana Plaun HEP (191 MW) in favour of HPPCL

1) Detail of degraded forest land /non- forest land:-

District : Mandi, Village: Jamnu,
Tehsil: Karsog, District: Mandi, HP.
Name of Forest Division:Karsog, Range: Pangna
Block/ Compartment/Survey No.: H43F3
Area to be afforested : 10.28 hact.

2) Description of Area

- I) Whether the site selected for Compensatory Afforestation is a land bank or not: No, the selected area is a Non- Forest Land.
- II) If the CA site is other than the land bank, reasons be given: **Yes (Non-Forest Land)**
- III) In case of non forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary: **Alongside Parwain PF**
- IV) Soil type: **Sandy loam.**
- V) Topography:
- VI (a) Hilly/undulation/ Plain: **Hilly**
(b) Slope Steep / Medium/ Gentle: **Medium**
- VII) Whether the area is bearing any root stock of vegetation, Bushes: **Yes** **Bushes Present.**

3) Plantation Model:-

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

- 4) Estimate for compensatory afforestation to be carried-out in lieu of area diverted under FCA, 1980 (For one hect. Area)
- 5) Fencing as per letter No. Ft. State CAMPA/2010/Norms/Vol.II dated 30.05.2018 of Pr. CCF(HoFF)HP.
Cost per ha. (exclusive of cost of plants) = 63200/-
Cost of plants (1100 Nos. i.e. 1100x13) = 14300/-
Total Cost = 74450/-

6) Schedule of Plantation Programme:-

A (i) Details of year wise break up of requirements of funds is as under:

Year	Area in hac.	Rate/ha.	Total amount
New Plantation	10.28	74450	765346
1st Year	10.28	6850	70418
2nd Year	10.28	4600	47288
3rd Year	10.28	2400	24672
4th Year	10.28	2400	24672
5th Year	10.28	2400	24672
6th Year	10.28	2400	24672
7th Year	10.28	2400	24672
8th Year	10.28	2400	24672
9th Year	10.28	2400	24672

10th Year	10.28	2400	24672
Total A (i)			1080428
A (ii)- cost of plants 26008 Nos.		13	338104
Total (A)			1418532
B (i) Soil Conservation works	10.28	30000	308400
ii) (a) Lantana Eradication 75%	10.28	23700	243636
(b) Maint. 1 st year	10.28	5200	53456
(c) Maint. 2 nd year	10.28	3200	32896
(d) Maint. 3 rd year	10.28	3200	32896
Total (B)			671284
Total A+B			2089816
Contingency @ 5%			104491
Total			2194307
Departmental charges @ 17.5%			365718
G.Total			2560025

- 7) **Technical Details:-** Technical details of Compensatory Afforestation Scheme are as follows:
- General Detail:-** The plantation will be done through pit method as per plantation norms The area will be protected by Barbad wire fencing and mixture of Conifer and B/L species will be planted. 1100 plants will be planted in all in 1.00 hac@1100 plants per hac. (Mixture of plant shrubs and grasses)
 - Spacement:-** Pits of size 45x45x45 cm and 30x30x30 cm will be used for planting 60% naked root stock and 40% P/Bags stock.
 - Species:-** Based on locality factor and demand of people.
 - Plantation Method:-** Pit planting method.
 - Soil and moisture conservation works:-** 25% of afforestation cost.
 - Protection (fencing, watch men, People's participation etc):-** Area will be protected from grazing by erecting barbed wire fencing at all vulnerable places around the plantation.
 - Proposed Monitoring Mechanism:-** By higher authority.
 - Any other information :-** Nil

Date: 06-03-2019

Place: Karsog

Approved

Chief Conservator of Forests (T)
Forest Circle, Mandi (H.P.)

Divisional Forest Officer,
Karsog Forest Division, H.P.

Full Title of the Project: Diversion of 406.79 hact. Of forest land in favour of Thana Plaun HEP (191MW), HPPCL within the jurisdiction of Joginder Nagar & Mandi Forest Divisions, Distt. Mandi, HP.

"SCHEME FOR COMPENSATORY AFFORESTATION"

Detailed scheme for Compensatory Afforestation for Khasra No. 552 in Muhal Jamnu of Tehsil Karsog, Distt. Mandi, HP. measuring 23.87 hectares to be carried -out in lieu of 409.78 hact. of forest area to be diverted for construction of Thana Plaun HEP (191 MW) in favour of HPPCL

1) Detail of degraded forest land /non- forest land:-

District : Mandi, Village: Jamnu,
Tehsil: Karsog, District: Mandi, HP.
Name of Forest Division:Karsog, Range: Pangna
Block/ Compartment/Survey No.: H43F3
Area to be afforested : 23.87 hact.

2) Description of Area

- I) Whether the site selected for Compensatory Afforestation is a land bank or not: No, the selected area is a Non- Forest Land.
- II) If the CA site is other than the land bank, reasons be given: **Yes (Non-Forest Land)**
- III) In case of non forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary: **Alongside Parwain PF**
- IV) Soil type: **Sandy loam.**
- V) Topography:
- VI (a) Hilly/undulation/ Plain: **Hilly**
- (b) Slope Steep / Medium/ Gentle: **Medium**
- VII) Whether the area is bearing any root stock of vegetation, Bushes: **Yes Bushes Present.**

3) Plantation Model:-

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

- 4) Estimate for compensatory afforestation to be carried-out in lieu of area diverted under FCA, 1980 (For one hect. Area)
- 5) Fencing as per letter No. Ft. State CAMPA/2010/Norms/Vol.II dated 30.05.2018 of Pr. CCF(HoFF)HP.
Cost per ha. (exclusive of cost of plants) = 63200/-
Cost of plants (1100 Nos. i.e. 1100x13) = 14300/-
Total Cost = 74450/-

6) Schedule of Plantation Programme:-

A (i) Details of year wise break up of requirements of funds is as under:

Year	Area in hac.	Rate/ha.	Total amount
New Plantation	23.87	74450	1777122
1st Year	23.87	6850	163510
2nd Year	23.87	4600	109802
3rd Year	23.87	2400	57288
4th Year	23.87	2400	57288
5th Year	23.87	2400	57288
6th Year	23.87	2400	57288
7th Year	23.87	2400	57288
8th Year	23.87	2400	57288
9th Year	23.87	2400	57288

10th Year	23.87	2400	57288
Total A (i)			2508738
A (ii)- cost of plants 60391 Nos.		13	785083
Total (A)			3293821
B (i) Soil Conservation works	23.87	30000	716100
ii) (a) Lantana Eradication 75%	23.87	23700	565719
(b) Maint. 1 st year	23.87	5200	124124
(c) Maint. 2 nd year	23.87	3200	76384
(d) Maint. 3 rd year	23.87	3200	76384
Total (B)			1558711
Total A+B			4852532
Contingency @ 5%			242627
Total			5095159
Departmental charges @ 17.5%			849193
G.Total			5944352

- 7) **Technical Details:-** Technical details of Compensatory Afforestation Scheme are as follows:
- General Detail:-** The plantation will be done through pit method as per plantation norms. The area will be protected by Barbed wire fencing and mixture of Conifer and B/L species will be planted. 1100 plants will be planted in all in 1.00 hac@1100 plants per hac. (Mixture of plant shrubs and grasses)
 - Spacement:-** Pits of size 45x45x45 cm and 30x30x30 cm will be used for planting 60% naked root stock and 40% P/Bags stock.
 - Species:-** Based on locality factor and demand of people.
 - Plantation Method:-** Pit planting method.
 - Soil and moisture conservation works:-** 25% of afforestation cost.
 - Protection (fencing, watch men, People's participation etc):-** Area will be protected from grazing by erecting barbed wire fencing at all vulnerable places around the plantation.
 - Proposed Monitoring Mechanism:-** By higher authority.
 - Any other information :-** Nil

Date: 06-03-2019

Place: Karsog

Approved

Chief Conservator of Forests (T)
Forest Circle, Mandi (H.P.)

Divisional Forest Officer,
Karsog Forest Division, H.P.

Full Title of the Project: Diversion of 406.79 hact. Of forest land in favour of Thana Plaun HEP (191MW), HPPCL within the jurisdiction of Joginder Nagar & Mandi Forest Divisions, Distt. Mandi, HP.

"SCHEME FOR COMPENSATORY AFFORESTATION"

Detailed scheme for Compensatory Afforestation for Khasra No. 548 in Muhal Jamnu of Tehsil Karsog, Distt. Mandi, HP. measuring 28.07 hectares to be carried –out in lieu of 409.78 hact. of forest area to be diverted for construction of Thana Plaun HEP (191 MW) in favour of HPPCL

1) Detail of degraded forest land /non- forest land:-

District : Mandi, Village: Jamnu,
Tehsil: Karsog, District: Mandi, HP.
Name of Forest Division:Karsog, Range: Pangna
Block/ Compartment/Survey No.: H43F3
Area to be afforested : 28.07 hact.

2) Description of Area

- I) Whether the site selected for Compensatory Afforestation is a land bank or not: No, the selected area is a Non- Forest Land.
- II) If the CA site is other than the land bank, reasons be given: **Yes (Non-Forest Land)**
- III) In case of non forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary: **Alongside Parwain PF**
- IV) Soil type: **Sandy loam.**
- V) Topography:
- VI (a) Hilly/undulation/ Plain: **Hilly**
(b) Slope Steep / Medium/ Gentle: **Medium**
- VII) Whether the area is bearing any root stock of vegetation, Bushes: **Yes Bushes Present.**

3) Plantation Model:-

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

- 4) Estimate for compensatory afforestation to be carried-out in lieu of area diverted under FCA, 1980 (For one hect. Area)
- 5) Fencing as per letter No. Ft. State CAMPA/2010/Norms/Vol.II dated 30.05.2018 of Pr. CCF(HoFF)HP.
Cost per ha. (exclusive of cost of plants) = 63200/-
Cost of plants (1100 Nos. i.e. 1100x13) = 14300/-
Total Cost = 74450/-

6) Schedule of Plantation Programme:-

A (i) Details of year wise break up of requirements of funds is as under:

Year	Area in hac.	Rate/ha.	Total amount
New Plantation	28.07	74450	2089812
1st Year	28.07	6850	192280
2nd Year	28.07	4600	129122
3rd Year	28.07	2400	67368
4th Year	28.07	2400	67368
5th Year	28.07	2400	67368
6th Year	28.07	2400	67368
7th Year	28.07	2400	67368
8th Year	28.07	2400	67368
9th Year	28.07	2400	67368

10th Year	28.07	2400	67368
Total A (i)			2950158
A (ii)- cost of plants 71017 Nos.		13	923221
Total (A)			3873379
B (i) Soil Conservation works	28.07	30000	842100
ii) (a) Lantana Eradication 75%	28.07	23700	665259
(b) Maint. 1 st year	28.07	5200	145964
(c) Maint. 2 nd year	28.07	3200	89824
(d) Maint. 3 rd year	28.07	3200	89824
Total (B)			1832971
Total A+B			5706350
Contingency @ 5%			285318
Total			5991668
Departmental charges @ 17.5%			998611
G.Total			6990279

- 7) **Technical Details:-** Technical details of Compensatory Afforestation Scheme are as follows:
- General Detail:-** The plantation will be done through pit method as per plantation norms. The area will be protected by Barbed wire fencing and mixture of Conifer and B/L species will be planted. 1100 plants will be planted in all in 1.00 hac @ 1100 plants per hac. (Mixture of plant shrubs and grasses)
 - Spacement:-** Pits of size 45x45x45 cm and 30x30x30 cm will be used for planting 60% naked root stock and 40% P/Bags stock.
 - Species:-** Based on locality factor and demand of people.
 - Plantation Method:-** Pit planting method.
 - Soil and moisture conservation works:-** 25% of afforestation cost.
 - Protection (fencing, watch men, People's participation etc):-** Area will be protected from grazing by erecting barbed wire fencing at all vulnerable places around the plantation.
 - Proposed Monitoring Mechanism:-** By higher authority.
 - Any other information :-** Nil

Date: 06-03-2019

Place: Karsog

Approved

Divisional Forest Officer,
Karsog Forest Division, HP.

Chief Conservator of Forests (T)
Forest Circle, Mandi (H.P.)

Full Title of the Project: Diversion of 406.79 hact. Of forest land in favour of Thana Plaun HEP (191MW), HPPCL within the jurisdiction of Joginder Nagar & Mandi Forest Divisions, Distt. Mandi, HP.

"SCHEME FOR COMPENSATORY AFFORESTATION"

Detailed scheme for Compensatory Afforestation for Khasra No. 2 in Muhal Sawindhar of Tehsil Karsog, Distt. Mandi, HP. measuring 16.10 hectares to be carried –out in lieu of 406.79 hact. of forest area to be diverted for construction of Thana Plaun HEP (191 MW) in favour of HPPCL

1) Detail of degraded forest land /non- forest land:-

District : Mandi, Village: Sawindhar,
Tehsil: Karsog, District: Mandi, HP.
Name of Forest Division:Karsog, Range: Pangna
Block/ Compartment/Survey No.: H43F3
Area to be afforested : 16.10 hact.

2) Description of Area

- I) Whether the site selected for Compensatory Afforestation is a land bank or not: **No**, the selected area is a Non- Forest Land.
- II) If the CA site is other than the land bank, reasons be given: **Yes (Non-Forest Land)**
- III) In case of non forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary: **Alongside Kidiya PF**
- IV) Soil type: **Sandy loam.**
- V) Topography:
- VI (a) Hilly/undulation/ Plain: **Hilly**
- (b) Slope Steep / Medium/ Gentle: **Medium**
- VII) Whether the area is bearing any root stock of vegetation, Bushes: **Yes Bushes Present.**

3) Plantation Model:-

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

- 4) Estimate for compensatory afforestation to be carried-out in lieu of area diverted under FCA, 1980 (For one hect. Area)
- 5) Fencing as per letter No. Ft. State CAMPA/2010/Norms/Vol.II dated 30.05.2018 of Pr. CCF(HoFF)HP.
Cost per ha. (exclusive of cost of plants) = 63200/-
Cost of plants (1100 Nos. i.e. 1100x13) = 14300/-
Total Cost = 77500/-

6) Schedule of Plantation Programme:-

A (i) Details of year wise break up of requirements of funds is as under:

Year	Area in hac.	Rate/ha.	Total amount
New Plantation	16.10	77500	1247750
1st Year	16.10	6850	102235
2nd Year	16.10	4600	69230
3rd Year	16.10	2400	36225
4th Year	16.10	2400	36225
5th Year	16.10	2400	36225
6th Year	16.10	2400	36225
7th Year	16.10	2400	36225
8th Year	16.10	2400	36225
9th Year	16.10	2400	36225

10th Year	16.10	2400	36225
Total A (i)			1709015
A (ii)- cost of plants 23023 Nos.		13	299299
Total (A)			2008314
B (i) Soil Conservation works	16.10	30000	483000
ii) (a) Lantana Eradication 25%	16.10	11750	189175
(b) Maint. 1 st year	16.10	3150	50715
(c) Maint. 2 nd year	16.10	1250	20125
(d) Maint. 3 rd year	16.10	1250	20125
Total (B)			763140
Total A+B			2771454
Contingency @ 5%			138573
Total			2910027
Departmental charges @ 17.5%			509255
G.Total			3419282

7) Technical Details:- Technical details of Compensatory Afforestation Scheme are as follows:

- i) General Detail:- The plantation will be done through pit method as per plantation norms. The area will be protected by Barbed wire fencing and mixture of Conifer and B/L species will be planted. 1100 plants will be planted in all in 1.00 hac@1100 plants per hac. (Mixture of plant shrubs and grasses)
- ii) Spacement:- Pits of size 45x45x45 cm and 30x30x30 cm will be used for planting 60% naked root stock and 40% P/Bags stock.
- iii) Species:- Based on locality factor and demand of people.
- iv) Plantation Method:- Pit planting method.
- v) Soil and moisture conservation works:- 25% of afforestation cost.
- vi) Protection (fencing, watch men, People's participation etc):- Area will be protected from grazing by erecting barbed wire fencing at all vulnerable places around the plantation.
- vii) Proposed Monitoring Mechanism:- By higher authority.
- viii) Any other information :- Nil

Date:

Place: Karsog

✓
Divisional Forest Officer,
Karsog Forest Division, HP.

Approved

Chief Conservator of Forests (T)
Forest Circle, Mandi (H.P.)

Full Title of the Project: Diversion of 406.79 hact. Of forest land in favour of Thana Plaun HEP (191MW), HPPCL within the jurisdiction of Joginder Nagar & Mandi Forest Divisions, Distt. Mandi, HP.

“SCHEME FOR COMPENSATORY AFFORESTATION”

Detailed scheme for Compensatory Afforestation for Khasra No. 88 in Muhal Sawindhar of Tehsil Karsog, Distt. Mandi, HP. measuring 3.32 hectares to be carried –out in lieu of 406.79 hact. of forest area to be diverted for construction of Thana Plaun HEP (191 MW) in favour of HPPCL

1) Detail of degraded forest land /non- forest land:-

District : Mandi, Village: Sawindhar,
Tehsil: Karsog, District: Mandi, HP.
Name of Forest Division:Karsog, Range: Pangna
Block/ Compartment/Survey No.: H43F3
Area to be afforested : 3.32 hact.

2) Description of Area

- I) Whether the site selected for Compensatory Afforestation is a land bank or not: **No**, the selected area is a Non- Forest Land.
- II) If the CA site is other than the land bank, reasons be given: **Yes (Non-Forest Land)**
- III) In case of non forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary: **Alongside Kidiya PF**
- IV) Soil type: **Sandy loam.**
- V) Topography:
- VI (a) Hilly/undulation/ Plain: **Hilly**
(b) Slope Steep / Medium/ Gentle: **Medium**
- VII) Whether the area is bearing any root stock of vegetation, Bushes: **Yes Bushes Present.**

3) Plantation Model:-

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

- 4) Estimate for compensatory afforestation to be carried-out in lieu of area diverted under FCA, 1980 (For one hect. Area)
- 5) Fencing as per letter No. Ft. State CAMPA/2010/Norms/Vol.II dated 30.05.2018 of Pr. CCF(HoFF)HP.
Cost per ha. (exclusive of cost of plants) = 63200/-
Cost of plants (1100 Nos. i.e. 1100x13) = 14300/-
Total Cost = 77500/-

6) Schedule of Plantation Programme:-

A (i) Details of year wise break up of requirements of funds is as under:

Year	Area in hac.	Rate/ha.	Total amount
New Plantation	3.32	77500	257300
1st Year	3.32	6850	21082
2nd Year	3.32	4600	14276
3rd Year	3.32	2400	7470
4th Year	3.32	2400	7470
5th Year	3.32	2400	7470
6th Year	3.32	2400	7470
7th Year	3.32	2400	7470
8th Year	3.32	2400	7470
9th Year	3.32	2400	7470

10th Year	3.32	2400	7470
Total A (i)			352418
A (ii)- cost of plants 4748 Nos.		13	61724
Total (A)			414142
B (i) Soil Conservation works	3.32	30000	99600
ii) (a) Lantana Eradication 25%	3.32	11750	39010
(b) Maint. 1 st year	3.32	3150	10458
(c) Maint. 2 nd year	3.32	1250	4150
(d) Maint. 3 rd year	3.32	1250	4150
Total (B)			157368
Total A+B			571510
Contingency @ 5%			28576
Total			600086
Departmental charges @ 17.5%			105015
G.Total			705101

7) Technical Details:- Technical details of Compensatory Afforestation Scheme are as follows:

- i) **General Detail:-** The plantation will be done through pit method as per plantation norms. The area will be protected by Barbed wire fencing and mixture of Conifer and B/L species will be planted. 1100 plants will be planted in all in 1.00 hac @ 1100 plants per hac. (Mixture of plant shrubs and grasses)
- ii) **Spacement:-** Pits of size 45x45x45 cm and 30x30x30 cm will be used for planting 60% naked root stock and 40% P/Bags stock.
- iii) **Species:-** Based on locality factor and demand of people.
- iv) **Plantation Method:-** Pit planting method.
- v) **Soil and moisture conservation works:-** 25% of afforestation cost.
- vi) **Protection (fencing, watch men, People's participation etc):-** Area will be protected from grazing by erecting barbed wire fencing at all vulnerable places around the plantation.
- vii) **Proposed Monitoring Mechanism:-** By higher authority.
- viii) **Any other information :-** Nil

Date:

Place: Karsog

✓
Divisional Forest Officer,
Karsog Forest Division, HP.

Approved

Chief Conservator of Forests (T)
Forest Circle, Mandi (H.P.)

333

10th Year	32.44	2400	72990
Total A (i)			3443506
A (ii)- cost of plants 46389 Nos.		13	603057
Total (A)			4046563
B (i) Soil Conservation works	32.44	30000	973200
ii) (a) Lantana Eradication 25%	32.44	11750	381170
(b) Maint. 1 st year	32.44	3150	102186
(c) Maint. 2 nd year	32.44	1250	40550
(d) Maint. 3 rd year	32.44	1250	40550
Total (B)			1537656
Total A+B			5584219
Contingency @ 5%			279211
Total			5863430
Departmental charges @ 17.5%			1026100
G.Total			6889530

7) Technical Details:- Technical details of Compensatory Afforestation Scheme are as follows:

- i) General Detail:- The plantation will be done through pit method as per plantation norms. The area will be protected by Barbed wire fencing and mixture of Conifer and B/L species will be planted. 1100 plants will be planted in all in 1.00 hac@1100 plants per hac. (Mixture of plant shrubs and grasses)
- ii) Spacement:- Pits of size 45x45x45 cm and 30x30x30 cm will be used for planting 60% naked root stock and 40% P/Bags stock.
- iii) Species:- Based on locality factor and demand of people.
- iv) Plantation Method:- Pit planting method.
- v) Soil and moisture conservation works:- 25% of afforestation cost.
- vi) Protection (fencing, watch men, People's participation etc):- Area will be protected from grazing by erecting barbed wire fencing at all vulnerable places around the plantation.
- vii) Proposed Monitoring Mechanism:- By higher authority.
- viii) Any other information :- Nil

Date:

Place: Karsog


Divisional Forest Officer,
Karsog Forest Division, HP.

Approved


Chief Conservator of Forests (T)
Forest Circle, Mandi (H.P.)

Full Title of the Project: Diversion of 406.79 hact. Of forest land in favour of Thana Plaun HEP (191MW), HPPCL within the jurisdiction of Joginder Nagar & Mandi Forest Divisions, Distt. Mandi, HP.

"SCHEME FOR COMPENSATORY AFFORESTATION"

Detailed scheme for Compensatory Afforestation for Khasra No. 964 in Muhal Sawindhar of Tehsil Karsog, Distt. Mandi, HP. measuring 3.80 hectares to be carried –out in lieu of 406.79 hact. of forest area to be diverted for construction of Thana Plaun HEP (191 MW) in favour of HPPCL

1) Detail of degraded forest land /non- forest land:-

District : Mandi, Village: Sawindhar,
Tehsil: Karsog, District: Mandi, HP.
Name of Forest Division:Karsog, Range: Pangna
Block/ Compartment/Survey No.: H43F3
Area to be afforested : 3.80 hact.

2) Description of Area

- I) Whether the site selected for Compensatory Afforestation is a land bank or not: **No**, the selected area is a Non- Forest Land.
- II) If the CA site is other than the land bank, reasons be given: **Yes (Non-Forest Land)**
- III) In case of non forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary: **Alongside Kidiya PF**
- IV) Soil type: **Sandy loam.**
- V) Topography:
- VI (a) Hilly/undulation/ Plain: **Hilly**
(b) Slope Steep / Medium/ Gentle: **Medium**
- VII) Whether the area is bearing any root stock of vegetation, Bushes: **Yes Bushes Present.**

3) Plantation Model:-

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

- 4) Estimate for compensatory afforestation to be carried-out in lieu of area diverted under FCA, 1980 (For one hect. Area)
- 5) Fencing as per letter No. Ft. State CAMPA/2010/Norms/Vol.II dated 30.05.2018 of Pr. CCF(HoFF)HP.
Cost per ha. (exclusive of cost of plants) = 63200/-
Cost of plants (1100 Nos. i.e. 1100x13) = 14300/-
Total Cost = 77500/-

6) Schedule of Plantation Programme:-

A (i) Details of year wise break up of requirements of funds is as under:

Year	Area in hac.	Rate/ha.	Total amount
New Plantation	3.80	77500	294500
1st Year	3.80	6850	24130
2nd Year	3.80	4600	16340
3rd Year	3.80	2400	8550
4th Year	3.80	2400	8550
5th Year	3.80	2400	8550
6th Year	3.80	2400	8550
7th Year	3.80	2400	8550
8th Year	3.80	2400	8550
9th Year	3.80	2400	8550

10th Year	3.80	2400	8550
Total A (i)			403370
A (ii)- cost of plants 5434 Nos.		13	70642
Total (A)			474012
B (i) Soil Conservation works	3.80	30000	114000
ii) (a) Lantana Eradication 25%	3.80	11750	44650
(b) Maint. 1 st year	3.80	3150	11970
(c) Maint. 2 nd year	3.80	1250	4750
(d) Maint. 3 rd year	3.80	1250	4750
Total (B)			180120
Total A+B			654132
Contingency @ 5%			32707
Total			686839
Departmental charges @ 17.5%			120197
G.Total			807036

7) Technical Details:- Technical details of Compensatory Afforestation Scheme are as follows:

- i) General Detail:- The plantation will be done through pit method as per plantation norms. The area will be protected by Barbed wire fencing and mixture of Conifer and B/L species will be planted. 1100 plants will be planted in all in 1.00 hac@1100 plants per hac. (Mixture of plant shrubs and grasses)
- ii) Spacement:- Pits of size 45x45x45 cm and 30x30x30 cm will be used for planting 60% naked root stock and 40% P/Bags stock.
- iii) Species:- Based on locality factor and demand of people.
- iv) Plantation Method:- Pit planting method.
- v) Soil and moisture conservation works:- 25% of afforestation cost.
- vi) Protection (fencing, watch men, People's participation etc):- Area will be protected from grazing by erecting barbed wire fencing at all vulnerable places around the plantation.
- vii) Proposed Monitoring Mechanism:- By higher authority.
- viii) Any other information :- Nil

Date:

Place: Karsog

Approved

Divisional Forest Officer,
Karsog Forest Division, HP.

Chief Conservator of Forests (T)
Forest Circle, Mandi (H.P.)

Full Title of the Project: Diversion of 406.79 hact. Of forest land in favour of Thana Plaun HEP (191MW), HPPCL within the jurisdiction of Joginder Nagar & Mandi Forest Divisions, Distt. Mandi, HP.

"SCHEME FOR COMPENSATORY AFFORESTATION"

Detailed scheme for Compensatory Afforestation for Khasra No. 2205/611 in Muhal Sawindhar of Tehsil Karsog, Distt. Mandi, HP. measuring 14.48 hectares to be carried –out in lieu of 406.79 hact. of forest area to be diverted for construction of Thana Plaun HEP (191 MW) in favour of HPPCL

1) Detail of degraded forest land /non- forest land:-

District : Mandi, Village: Sawindhar,
Tehsil: Karsog, District: Mandi, HP.
Name of Forest Division:Karsog, Range: Pangna
Block/ Compartment/Survey No.: H43F3
Area to be afforested : 14.48 hact.

2) Description of Area

- I) Whether the site selected for Compensatory Afforestation is a land bank or not: **No**, the selected area is a Non- Forest Land.
- II) If the CA site is other than the land bank, reasons be given: **Yes (Non-Forest Land)**
- III) In case of non forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary: **Alongside Kidiya PF**
- IV) Soil type: **Sandy loam.**
- V) Topography:
- VI (a) Hilly/undulation/ Plain: **Hilly**
(b) Slope Steep / Medium/ Gentle: **Medium**
- VII) Whether the area is bearing any root stock of vegetation, Bushes: **Yes Bushes Present.**

3) Plantation Model:-

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

- 4) Estimate for compensatory afforestation to be carried-out in lieu of area diverted under FCA, 1980 (For one hect. Area)
- 5) Fencing as per letter No. Ft. State CAMPA/2010/Norms/Vol.II dated 30.05.2018 of Pr. CCF(HoFF)HP.
Cost per ha. (exclusive of cost of plants) = 63200/-
Cost of plants (1100 Nos. i.e. 1100x13) = 14300/-
Total Cost = 77500/-

6) Schedule of Plantation Programme:-

A (i) Details of year wise break up of requirements of funds is as under:

Year	Area in hac.	Rate/ha.	Total amount
New Plantation	14.48	77500	1122200
1st Year	14.48	6850	91948
2nd Year	14.48	4600	62264
3rd Year	14.48	2400	32580
4th Year	14.48	2400	32580
5th Year	14.48	2400	32580
6th Year	14.48	2400	32580
7th Year	14.48	2400	32580
8th Year	14.48	2400	32580
9th Year	14.48	2400	32580

10th Year	14.48	2400	32580
Total A (i)			1537052
A (ii)- cost of plants 20706 Nos.		13	269178
Total (A)			1806230
B (i) Soil Conservation works	14.48	30000	434400
ii) (a) Lantana Eradication 25%	14.48	11750	174140
(b) Maint. 1 st year	14.48	3150	45612
(c) Maint. 2 nd year	14.48	1250	18100
(d) Maint. 3 rd year	14.48	1250	18100
Total (B)			686352
Total A+B			2492582
Contingency @ 5%			124629
Total			2617211
Departmental charges @ 17.5%			458012
G.Total			3075223

7) Technical Details:- Technical details of Compensatory Afforestation Scheme are as follows:

- i) General Detail:- The plantation will be done through pit method as per plantation norms. The area will be protected by Barbed wire fencing and mixture of Conifer and B/L species will be planted. 1100 plants will be planted in all in 1.00 hac@1100 plants per hac. (Mixture of plant shrubs and grasses)
- ii) Spacement:- Pits of size 45x45x45 cm and 30x30x30 cm will be used for planting 60% naked root stock and 40% P/Bags stock.
- iii) Species:- Based on locality factor and demand of people.
- iv) Plantation Method:- Pit planting method.
- v) Soil and moisture conservation works:- 25% of afforestation cost.
- vi) Protection (fencing, watch men, People's participation etc):- Area will be protected from grazing by erecting barbed wire fencing at all vulnerable places around the plantation.
- vii) Proposed Monitoring Mechanism:- By higher authority.
- viii) Any other information :- Nil

Date:

Place: Karsog

Approved

Chief Conservator of Forests (T)
Forest Circle, Mandi (H.P.)

Divisional Forest Officer,
Karsog Forest Division, HP.

Full Title of the Project: Diversion of 406.79 hact. Of forest land in favour of Thana Plaun HEP (191MW), HPPCL within the jurisdiction of Joginder Nagar & Mandi Forest Divisions, Distt. Mandi, HP.

"SCHEME FOR COMPENSATORY AFFORESTATION"

Detailed scheme for Compensatory Afforestation for Khasra No. 2229/2209/610 in Muhal Sawindhar of Tehsil Karsog, Distt. Mandi, HP. measuring 8.33 hectares to be carried -out in lieu of 406.79 hact. of forest area to be diverted for construction of Thana Plaun HEP (191 MW) in favour of HPPCL

1) Detail of degraded forest land /non- forest land:-

District : Mandi, Village: Sawindhar,
Tehsil: Karsog, District: Mandi, HP.
Name of Forest Division:Karsog, Range: Pangna
Block/ Compartment/Survey No.: H43F3
Area to be afforested : 8.33 hact.

2) Description of Area

- I) Whether the site selected for Compensatory Afforestation is a land bank or not: **No**, the selected area is a Non- Forest Land.
- II) If the CA site is other than the land bank, reasons be given: **Yes (Non-Forest Land)**
- III) In case of non forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary: **Alongside Kidiya PF**
- IV) Soil type: **Sandy loam.**
- V) Topography:
- VI (a) Hilly/undulation/ Plain: **Hilly**
(b) Slope Steep / Medium/ Gentle: **Medium**
- VII) Whether the area is bearing any root stock of vegetation, Bushes: **Yes Bushes Present.**

3) Plantation Model:-

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

- 4) Estimate for compensatory afforestation to be carried-out in lieu of area diverted under FCA, 1980 (For one hect. Area)
- 5) Fencing as per letter No. Ft. State CAMPA/2010/Norms/Vol.II dated 30.05.2018 of Pr. CCF(HoFF)HP.
Cost per ha. (exclusive of cost of plants) = 63200/-
Cost of plants (1100 Nos. i.e. 1100x13) = 14300/-
Total Cost = 77500/-

6) Schedule of Plantation Programme:-

A (i) Details of year wise break up of requirements of funds is as under:

Year	Area in hac.	Rate/ha.	Total amount
New Plantation	8.33	77500	645575
1st Year	8.33	6850	52896
2nd Year	8.33	4600	35819
3rd Year	8.33	2400	18743
4th Year	8.33	2400	18743
5th Year	8.33	2400	18743
6th Year	8.33	2400	18743
7th Year	8.33	2400	18743
8th Year	8.33	2400	18743
9th Year	8.33	2400	18743

10th Year	8.33	2400	18743
Total A (i)			884234
A (ii)- cost of plants 11912 Nos.		13	154856
Total (A)			1039090
B (i) Soil Conservation works	8.33	30000	249900
ii) (a) Lantana Eradication 25%	8.33	11750	97878
(b) Maint. 1 st year	8.33	3150	26240
(c) Maint. 2 nd year	8.33	1250	10413
(d) Maint. 3 rd year	8.33	1250	10413
Total (B)			394844
Total A+B			1433934
Contingency @ 5%			71697
Total			1505631
Departmental charges @ 17.5%			263485
G.Total			1769116

7) Technical Details:- Technical details of Compensatory Afforestation Scheme are as follows:

- i) General Detail:- The plantation will be done through pit method as per plantation norms. The area will be protected by Barbed wire fencing and mixture of Conifer and B/L species will be planted. 1100 plants will be planted in all in 1.00 hac@1100 plants per hac. (Mixture of plant shrubs and grasses)
- ii) Spacement:- Pits of size 45x45x45 cm and 30x30x30 cm will be used for planting 60% naked root stock and 40% P/Bags stock.
- iii) Species:- Based on locality factor and demand of people.
- iv) Plantation Method:- Pit planting method.
- v) Soil and moisture conservation works:- 25% of afforestation cost.
- vi) Protection (fencing, watch men, People's participation etc):- Area will be protected from grazing by erecting barbed wire fencing at all vulnerable places around the plantation.
- vii) Proposed Monitoring Mechanism:- By higher authority.
- viii) Any other information :- Nil

Date:

Place: Karsog

Approved

Chief Conservator of Forests (T)
Forest Circle, Mandi (H.P.)

Divisional Forest Officer,
Karsog Forest Division, HP.

Full Title of the Project: Diversion of 406.79 hact. Of forest land in favour of Thana Plaun HEP (191MW), HPPCL within the jurisdiction of Joginder Nagar & Mandi Forest Divisions, Distt. Mandi, HP.

"SCHEME FOR COMPENSATORY AFFORESTATION"

Detailed scheme for Compensatory Afforestation for Khasra No. 373 in Muhal Kot of Tehsil Karsog, Distt. Mandi, HP. measuring 11.73 hectares to be carried –out in lieu of 406.79 hact. of forest area to be diverted for construction of Thana Plaun HEP (191 MW) in favour of HPPCL

1) Detail of degraded forest land /non- forest land:-

District : Mandi, Village: Kot,
Tehsil: Karsog, District: Mandi, HP.
Name of Forest Division:Karsog, Range: Pangna
Block/ Compartment/Survey No.: H43F3
Area to be afforested : 11.73 hact.

2) Description of Area

- I) Whether the site selected for Compensatory Afforestation is a land bank or not: **No**, the selected area is a Non- Forest Land.
- II) If the CA site is other than the land bank, reasons be given: **Yes (Non-Forest Land)**
- III) In case of non forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary: **Alongside Nando PF**
- IV) Soil type: **Sandy loam.**
- V) Topography:
- VI (a) Hilly/undulation/ Plain: **Hilly**
(b) Slope Steep / Medium/ Gentle: **Medium**
- VII) Whether the area is bearing any root stock of vegetation, Bushes: **Yes Bushes Present.**

3) Plantation Model:-

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

- 4) Estimate for compensatory afforestation to be carried-out in lieu of area diverted under FCA, 1980 (For one hect. Area)
- 5) Fencing as per letter No. Ft. State CAMPA/2010/Norms/Vol.II dated 30.05.2018 of Pr. CCF(HoFF)HP.
Cost per ha. (exclusive of cost of plants) = 63200/-
Cost of plants (1100 Nos. i.e. 1100x13) = 14300/-
Total Cost = 77500/-

6) Schedule of Plantation Programme:-

A (i) Details of year wise break up of requirements of funds is as under:

Year	Area in hac.	Rate/ha.	Total amount
New Plantation	11.73	77500	909075
1st Year	11.73	6850	74486
2nd Year	11.73	4600	50439
3rd Year	11.73	2400	26393
4th Year	11.73	2400	26393
5th Year	11.73	2400	26393
6th Year	11.73	2400	26393
7th Year	11.73	2400	26393
8th Year	11.73	2400	26393
9th Year	11.73	2400	26393

10th Year	11.73	2400	26393
Total A (i)			1245144
A (ii)- cost of plants 16774 Nos.		13	218062
Total (A)			1463206
B (i) Soil Conservation works	11.73	30000	351900
ii) (a) Lantana Eradication 25%	11.73	11750	137828
(b) Maint. 1 st year	11.73	3150	36950
(c) Maint. 2 nd year	11.73	1250	14663
(d) Maint. 3 rd year	11.73	1250	14663
Total (B)			556004
Total A+B			2019210
Contingency @ 5%			100961
Total			2120171
Departmental charges @ 17.5%			371030
G.Total			2491201

7) Technical Details:- Technical details of Compensatory Afforestation Scheme are as follows:

- i) General Detail:- The plantation will be done through pit method as per plantation norms. The area will be protected by Barbed wire fencing and mixture of Conifer and B/L species will be planted. 1100 plants will be planted in all in 1.00 hac@1100 plants per hac. (Mixture of plant shrubs and grasses)
- ii) Spacement:- Pits of size 45x45x45 cm and 30x30x30 cm will be used for planting 60% naked root stock and 40% P/Bags stock.
- iii) Species:- Based on locality factor and demand of people.
- iv) Plantation Method:- Pit planting method.
- v) Soil and moisture conservation works:- 25% of afforestation cost.
- vi) Protection (fencing, watch men, People's participation etc):- Area will be protected from grazing by erecting barbed wire fencing at all vulnerable places around the plantation.
- vii) Proposed Monitoring Mechanism:- By higher authority.
- viii) Any other information :- Nil

Date:

Place: Karsog

Approved

Chief Conservator of Forests (T)
Forest Circle, Mandi (H.P.)

Divisional Forest Officer,
Karsog Forest Division, HP.

342

Full title of the Project: Diversion of 406.79 hect of forest land in favour HP Power Corporation Ltd. for the Construction of Thana Plaun HEP (191 MW) within the jurisdiction of Joginder Nagar Forest Division, Distt. Mandi, HP.

SCHEME FOR COMPENSATORY AFFORESTATION

Detailed scheme for 7.03 hect Compensatory Afforestation and its maintenance for 10 year to be carried out in lieu of forest area to be diverted for the Construction of Thana Plaun HEP (191 MW) within the jurisdiction of Joginder Nagar Forest Division, Distt. Mandi, HP.

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

District: Mandi

Village: Ropapadhar

Tehsil: Joginder Nagar.

Distt. Mandi

Name of Forest Division: Joginder Nagar.

Range : Joginder Nagar.

Block/ Compartment/ Survey No. H43F1

Area to be afforested: **7.03-hac.**

2. Description of the Area:-

- ix) Whether the site selected for Compensatory Afforestation is a land bank or not Yes.
- x) If the CA site is other than the land bank, reasons be given- No
- xi) In case of non forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary: Outside Forest Area
- xii) Soil type- Sandy Loam
- xiii) Topography:
 - (a) Hilly/ Undulating/ Plain - Hilly
 - (b) Slope Steep/ Medium/Gentle Medium.
- vi) Whether the area is bearing any root stock of vegetation. Buses

- 3. Plantation Model Copy of the approved Compensatory Afforestation Scheme /Model showing component wise physical and financial break up to be enclosed.
- 4. Estimate for Compensatory afforestation to be carried out in lieu of area diverted under FCA, 1980 (For one hact. area)
- A. Compensatory Afforestation (1100) Plants/Ha) with RCC Fence Posts and 4 stand Barbed wire Fencing as per norms 2019-20

9. **Schedule of Plantation Programme:-**

344

A (i) Details of year-wise break up of requirements of funds is as under:

Year	Area	Rate/ha.	Total amount
0 th Year	7.03 ha.	84617/-	5,94,858/-
1 st Year	-do-	6850/-	48,156/-
2 nd Year	-do-	4600/-	32,338/-
3 rd Year	-do-	2400/-	16,872/-
4 th Year	-do-	2400/-	16,872/-
5 th Year	-do-	2400/-	16,872/-
6 th Year	-do-	2400/-	16,872/-
7 th Year	-do-	2400/-	16,872/-
8 th Year	-do-	2400/-	16,872/-
9 th Year	-do-	2400/-	16,872/-
10 th Year	-do-	2400/-	16,872/-
Total A (i)			8,10,328/-
A(ii)- Cost of Plants 4640 Nos.		19.47/-	90,341/-
Total (A)			9,00,669/-
Soil conservation works	7.03 ha.	30000/-	2,10,900/-
Lantana eradication	7.03 ha.	22000/-	1,54,660/-
Total (B)			3,65,560/-
Total A+B			12,66,229/-
Contingency @ 5%			63,311/-
Total			13,29,540/-
Department charges @ 17.5%			2,32,670/-
Total			15,62,210/-

10. **Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

- vi) General details:- Plantation will be done through Pit method as per plantation norms.
- vii) Spacement:- Pits of size 45 x 45 x 45 cm and 30x30x30 cm will used for planting of 60% naked root stock and 40% P/Bag stock
- viii) Species:- Based on locality factor and demand of people.
- ix) Plantation Method:- Pit planting method.
- x) Soil and Moisture Conservation Works:- 25% of afforestation cost.
- xiv) Protection (Fencing Watchman, People's participation etc);- B/wire fencing using concrete same posts.
- xv) Proposed monitoring Mechanism:- By higher authority.
- xvi) Any other information:- nil

Approved

Chief Conservator of Forests (T)
Forest Circle, Mandi (H.P.)

Divisional Forest Officer
Joginder Nagar Forest Division
Joginder Nagar (H.P.)

345

CHECK LIST SERIAL NO.17**SCHEME FOR COMPENSATORY AFFORESTATION 7 TO 10 YEARS**

DETAIL SCHEME FOR COMPENSATORY AFFORESTATION IN 29.29 HECTARE TO BE CARRIED OUT IN LIEU OF 14.645 HECTARE OF AREA TO BE DIVERTED FOR THE CONSTRUCTION OF THANA PLOUN HEP (191MW) IN FAVOUR OF HPPCL.


Detail of degraded forest/Non forest land				Non Forest land	
District				Mandi.	
Tehsil				Sadar	
Name of Division				Mandi	
Area to be afforested				29.29 ha.	
Sr. No.	Name of Forest Range	Block	Name of Muhal & Khasra no.	Area in ha.	Survey sheet No.
1.	Kataula	Bagi	Bambola, KhasraNo.207, 210,244	29.29 ha	H43F1
Total				29.29 ha.	
2.	Description of area				
(i)	Whether the site selected for CA is land bank or not				No
(ii)	If the CA site is other than land bank, reason be given				-
(iii)	In case of non forest area indentified for CA than what is the				-
(iv)	Soil Type				Sandy loam
(v)	Topography a) Hilly/Universal/Plain				Hilly
(vi)	b) Slope; steep/Medium/ Gentle				Medium
(vii)	Whether the area is bearing any root stock of vegetation				Bushes.
3.	Plantation Model:- Copy of approved Compensatory				Attached.
4.	Schedule of Plantation Programme				

Detail of year wise break up of requirement of funds is as under:-

S.No	Particulars including soil & Moisture conservation.	Qty. in hectares.	Rate in Rs. (per hect.)	Amount	Remarks if any.
1.	Compensatory afforestation (1100 plants/Hac.) with RCC Fence Post and 4-strand Barbed wire fencing				
	FENCING	29.29	29200	855268	
	PLANTING	29.29	34000	995860	
	Total			1851128	
2.	Maintenance				
	1 st year	29.29	6850	200637	
	2 nd year	29.29	4600	134734	
	3 rd year to 10 th year maintenance	29.29	2400	562368	
	Total			897739	
3.	Soil conservation works	29.29	50,000	1464500	
A	Grand Total (1 to 3)			4213367	
B	Contingencies charges @ 5%.			210668	
C	Departmental charges @17.5%			737339	
D	GST on cost of fence posts (Total fence post=1757x@300 =527100X18% =94878			94878	
E	Nursery cost @ 32219 x 23 per plant			741037	
F	Cost of trees for maintenance @ 70% of original planted plants@22553x23=518719 (1100x29.29=32219x70%=22553x23=518719)			518719	

Total amount for 10.2 hect. CA Scheme (A+B+C+D+E+F)		6516008		
Technical Detail:-				
Technical detail of compensatory afforestation is as under:-				
a.	General detail	The area shall be closed to improve the vegetation cover in the locality to enhance the moisture and water table.		
b.	Spacement	3mx3m		
c.	Species	Broad leave.		
d.	Plantation method	Pit digging.		
e.	Soil & moisture conservation works;	Work shall be carried out for the same.		
f.	Protection	Fencing & people participation.		
g.	Proposed Monitoring Mechanism	As per guidelines.		
h.	Any other information	Nil.		
Note:-(i)	Rate offence post has been charged Rs. 300/-rupees per fence post as fixed by Pr. CCF.H.P. vide letter No. Ft. 48-66/2016(FCA) dated 24 th June 2017. Thus the amount is calculated accordingly as under-			
Area in Ha.	Fence Post per ha.	Total fence post is to be used at the time of planting	Cost of fence post	Total amount
29.29	60	1757	300	527100
Note:(ii)	GST on Cost of fence post @ 18%	527100x18%=94878		94878

Place:-Mandi
Date:-14.10.2019


(S.S. Kashyap) HPFS,
Divisional Forest Officer,
Mandi Forest Division, Mandi.

Approved


Chief Conservator of Forests (T)
Forest Circle, Mandi (H.P.)

CHECK LIST SERIAL NO.17**SCHEME FOR COMPENSATORY AFFORESTATION 7 TO 10 YEARS**

DETAIL SCHEME FOR COMPENSATORY AFFORESTATION IN 10.2 HECTARE TO BE CARRIED OUT IN LIEU OF 5.1 HECTARE OF AREA TO BE DIVERTED FOR THE CONSTRUCTION OF THANA PLOUN HEP (191MW) IN FAVOUR OF HPPCL.

Detail of degraded forest/Non forest land		Non Forest land			
District		Mandi.			
Tehsil		Sadar			
Name of Division		Mandi			
Area to be afforested		10.2 ha.			
Sr. No.	Name of Forest Range	Block	Name of Muhal & Khasra no.		
1.	Kataula	Bagi	Solang, Khasra no.414&419		
Total		10.2 ha.			
2. Description of area					
(i)	Whether the site selected for CA is land bank or not		No		
(ii)	If the CA site is other than land bank, reason be given		-		
(iii)	In case of non forest area indentified for CA than what is the		-		
(iv)	Soil Type		Sandy loam		
(v)	Topography a) Hilly/Universal/Plain		Hilly		
(vi)	b) Slope; steep/Medium/ Gentle		Medium		
(vii)	Whether the area is bearing any root stock of vegetation		Bushes.		
3.	Plantation Model:- Copy of approved Compensatory		Attached.		
4.	Schedule of Plantation Programme				
Detail of year wise break up of requirement of funds is as under:-					
S.No	Particulars including soil & Moisture conservation.	Qty. in hectares.	Rate in Rs. (per hect.)	Amount	Remarks if any.
1.	Compensatory afforestation (1100 plants/Hac.) with RCC Fence Post and 4-strand Barbed wire fencing				
	FENCING	10.2	29200	297840	
	PLANTING	10.2	34000	366800	
	Total			644640	
2.	Maintenance				
	1 st year	10.2	6850	69870	
	2 nd year	10.2	4600	46920	
	3 rd year to 10 th year maintenance	10.2	2400	195840	
	Total			312630	
3.	Soil conservation works	10.2	50,000	5,10,000	
A	Grand Total (1 to 3)				14,67,270
B	Contingencies charges @ 5%.				73,364
C	Departmental charges @17.5%				256772
D	GST on cost of fence posts (Total fence post=612x@300 =183600X18% =33048				33048
E	Nursery cost @ 11220 x 23 per plant				258060
F	Cost of trees for maintenance @ 70% of original planted plants@7854x23=180642 (1100x10.2=11220x70%=7854x23=180642)				180642
	Total amount for 10.2 hect. CA Scheme (A+B+C+D+E+F)				2269156

Technical Detail:-

Technical detail of compensatory afforestation is as under:-

a.	General detail	The area shall be closed to improve the vegetation cover in the locality to enhance the moisture and water table.		
b.	Spacement	3mx3m		
c.	Species	Broad leave.		
d.	Plantation method	Pit digging.		
e.	Soil & moisture conservation works;	Work shall be carried out for the same.		
f.	Protection	Fencing & people participation.		
g.	Proposed Monitoring Mechanism	As per guidelines.		
h.	Any other information	Nil.		
Note:-(i)		Rate offence post has been charged Rs. 300/-rupees per fence post as fixed by Pr. CCF.H.P. vide letter No. Ft. 48-66/2016(FCA) dated 24 th June 2017. Thus the amount is calculated accordingly as under-		
Area in Ha.	Fence Post per ha.	Total fence post is to be used at the time of planting	Cost of fence post	Total amount
10.2	60	612	300	183600
Note:(ii)	GST on Cost of fence post @ 18%	183600x18%=33048		33048

Place:-Mandi

Date:-12.10.2019

(S.S. Kashyap) HPFS,
Divisional Forest Officer,
Mandi Forest Division, Mandi.

Approved

Chief Conservator of Forests (T)
Forest Circle Mandi (H.P.)

CHECK LIST SERIAL NO.17**SCHEME FOR COMPENSATORY AFFORESTATION 7 TO 10 YEARS**

DETAIL SCHEME FOR COMPENSATORY AFFORESTATION IN 20.47 HECTARE TO BE CARRIED OUT IN LIEU OF 10.235 HECTARE OF AREA TO BE DIVERTED FOR THE CONSTRUCTION OF THANA PLOUN HEP (191MW) IN FAVOUR OF HPPCL.

Detail of degraded forest/Non forest land		Non Forest land			
District		Mandi.			
Tehsil		Sadar			
Name of Division		Mandi			
Area to be afforested		20.47 ha.			
Sr. No.	Name of Forest Range	Block	Name of Muhal & Khasra no.		
1.	Kataula	Bagi	Suran, Khasra no.139,215		
Total		20.47 ha.			
2. Description of area					
(i)	Whether the site selected for CA is land bank or not		No		
(ii)	If the CA site is other than land bank, reason be given		-		
(iii)	In case of non forest area indentified for CA than what is the		-		
(iv)	Soil Type		Sandy loam		
(v)	Topography a) Hilly/Universal/Plain		Hilly		
(vi)	b) Slope; steep/Medium/ Gentle		Medium		
(vii)	Whether the area is bearing any root stock of vegetation		Bushes.		
3.	Plantation Model:- Copy of approved Compensatory		Attached.		
4.	Schedule of Plantation Programme				
Detail of year wise break up of requirement of funds is as under:-					
S.No	Particulars including soil & Moisture conservation.	Qty. in hectares.	Rate in Rs. (per hect.)	Amount	Remarks if any.
1.	Compensatory afforestation (1100 plants/Hac.) with RCC Fence Post and 4-strand Barbed wire fencing				
	FENCING	20.47	29200	597724	
	PLANTING	20.47	34000	695980	
	Total			1293704	
2.	Maintenance				
	1 st year	20.47	6850	140220	
	2 nd year	20.47	4600	94162	
	3 rd year to 10 th year maintenance	20.47	2400	393024	
	Total			627406	
3.	Soil conservation works	20.47	50,000	1023500	
A	Grand Total (1 to 3)			2944610	
B	Contingencies charges @ 5%.			147231	
C	Departmental charges @17.5%			515307	
D	GST on cost of fence posts (Total fence post=1228x@300 =368400X18% =66312			66312	
E	Nursery cost @ 22517 x 23 per plant			517891	
F	Cost of trees for maintenance @ 70% of original planted plants@15762x23=362526 (1100x20.47 =22517x70%=15762x23=362526)			362526	
	Total amount for 20.47 hect. CA Scheme (A+B+C+D+E+F)			4553877	

Technical Detail:-

Technical detail of compensatory afforestation is as under:-

a.	General detail	The area shall be closed to improve the vegetation cover in the locality to enhance the moisture and water table.		
b.	Spacing	3mx3m		
c.	Species	Broad leave.		
d.	Plantation method	Pit digging.		
e.	Soil & moisture conservation works;	Work shall be carried out for the same.		
f.	Protection	Fencing & people participation.		
g.	Proposed Monitoring Mechanism	As per guidelines.		
h.	Any other information	Nil.		
Note:-(i)		Rate offence post has been charged Rs. 300/-rupees per fence post as fixed by Pr. CCF.H.P. vide letter No. Ft. 48-66/2016(FCA) dated 24 th June 2017. Thus the amount is calculated accordingly as under-		
Area in Ha.	Fence Post per ha.	Total fence post is to be used at the time of planting	Cost of fence post	Total amount
20.47	60	1228	300	368400
Note:(ii)	GST on Cost of fence post @ 18%	368400x18%=66312		66312

Place:-Mandi

Date:-13.10.2019

(S.S. Kashyap) HPFS,
Divisional Forest Officer,
Mandi Forest Division, Mandi.

Approved

Chief Conservator of Forests (T)
Forest Circle, Mandi (H.P.)

351

CHECK LIST SERIAL NUMBER :- 17

“ SCHEME FOR COMPENSATORY AFFORESTATION ”

Detail scheme for compensatory Afforestation to be carried out in lieu of forest area to be diverted for the C/O Thana Plaun (191 MW) in Distt. Mandi with in the jurisdiction of Suket Forest Division, Sundernagar in Mandi District.

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

District	Mandi	Village	Batwara
Tehsil	Sundernagar		
Name of Division	Suket	Range	Kangoo
Block/Compartment/Survey No. Khasra No. 292 of Muhal Batwara.			
Area to be afforested : 8 ha.			

2. Description of Area

- | | |
|---|----------------------|
| i. Whether the site selected for compensatory Afforestation is a land | Yes |
| ii. If the CA site is other than land bank, reasons be :- | No |
| iii. In case of non forest area identified for CA, then what is the distance of | Out side Forest area |
| iv. Soil type :- | Sandy loam, Shallow |
| v. Topography a. Hilly/Undulating/Plain :- | Hilly |
| b. Slope:- Steep/Medium/Gentle :- | Steep |
| 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

Contd.....2.....

4. Schedule of Plantation Programme

Detail of year wise breakup of requirement of funds is as under :-

Year	Area	Rate/h a.	Nursery cost	Total Amount
0 th Year (New Plantation)	8.0000 ha	60150	24200	674800
1 st Year	8.0000 ha	6350	7260	108880
2 nd Year	8.0000 ha	4300	4840	73120
3 rd Year	8.0000 ha	2250	2420	37360
4 th Year	8.0000 ha	2250	2420	37360
5 th Year	8.0000 ha	2250	2420	37360
6 th Year	8.0000 ha	2250	2420	37360
7 th Year	8.0000 ha	2250	2420	37360
8 th Year	8.0000 ha	2250	2420	37360
9 th Year	8.0000 ha	2250	2420	37360
10 th Year	8.0000 ha	2250	2420	37360
Total C.A. Scheme				1155680

Departmental charges @ 17.5%

202244

Contegency charges @ 5%

57784

Total

1415708

2. Technical details

Technical details of Compensatory Afforestation Scheme are as follows :

- General Details : The area shall be closed to improve the vegetation cover in locality
- Spacement : 3X3 mtrs. Between pits & pits of size 45X45x45 cm & 30x30x30 cm size
- Species : Broad leave
- Plantation Method : Pit digging
- Soil and Moisture Conservation Works : Small scale engg.
- Protection : (Fencing, Watch man, People's Participation etc.)
- Proposed Monitoring , Mechanism : As per guidelines
- Any other information. : No.

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

CHECK LIST SERIAL NUMBER :- 17

“ SCHEME FOR COMPENSATORY AFFORESTATION ”

Detail scheme for compensatory Afforestation to be carried out in lieu of forest area to be diverted for the C/O Thana Plaun (191 MW) in Distt. Mandi with in the jurisdiction of Suket Forest Division, Sundernagar in Mandi District.

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

District	Mandi	Village	Gamohu
Tehsil	Sundernagar		
Name of Division	Suket	Range	Kangoo

Block/Compartment/Survey No. Khasra No. 1040/992 of Muhal Gamohu

Area to be afforested : 7 ha.

2. Description of Area

- | | |
|---|----------------------|
| i. Whether the site selected for compensatory Afforestation is a land | Yes |
| ii. If the CA site is other than land bank, reasons be :- | No |
| iii. In case of non forest area identified for CA, then what is the distance of | Out side Forest area |
| iv. Soil type :- | Sandy loam, Shallow |
| v. Topography a. Hilly/Undulating/Plain :- | Hilly |
| b. Slope:- Steep/Medium/Gentle :- | Steep |
| 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

Contd.....2.....

CHECK LIST SERIAL NUMBER :- 17

“ SCHEME FOR COMPENSATORY AFFORESTATION ”

Detail scheme for compensatory Afforestation to be carried out in lieu of forest area to be diverted for the C/O Thana Plaun (191 MW) in Distt. Mandi with in the jurisdiction of Suket Forest Division, Sundernagar in Mandi District.

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

District	Mandi	Village	Saishdhar
Tehsil	Sundernagar		
Name of Division	Suket	Range	Jai Devi
Block/Compartment/Survey No. Khasra No. 376 of Muhal Saishdhar			
Area to be afforested : 5 ha.			

2. Description of Area

i. Whether the site selected for compensatory Afforestation is a land	Yes
ii. If the CA site is other than land bank, reasons be :-	No
iii. In case of non forest area identified for CA, then what is the distance of	Out side Forest area
iv. Soil type :-	Sandy loam, Shallow
v. Topography a. Hilly/Undulating/Plain :-	Hilly
b. Slope:- Steep/Medium/Gentle :-	Steep
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

Contd.....2.....

4. Schedule of Plantation Programme

Detail of year wise breakup of requirement of funds is as under :-

Year	Area	Rate/h a.	Nursery cost	Total Amount
0 th Year (New Plantation)	5.0000 ha	60150	24200	421750
1 st . Year	5.0000 ha	6350	7260	68050
2 nd Year	5.0000 ha	4300	4840	45700
3 rd . Year	5.0000 ha	2250	2420	23350
4 th Year	5.0000 ha	2250	2420	23350
5 th Year	5.0000 ha	2250	2420	23350
6 th Year	5.0000 ha	2250	2420	23350
7 th Year	5.0000 ha	2250	2420	23350
8 th Year	5.0000 ha	2250	2420	23350
9 th Year	5.0000 ha	2250	2420	23350
10 th Year	5.0000 ha	2250	2420	23350
Total C.A. Scheme				722300

Departmental charges @ 17.5%

126403

Contengency charges @ 5%

36115

Total

884818

2. Technical details

Technical details of Compensatory Afforestation Scheme are as follows :

- General Details : The area shall be closed to improve the vegetation cover in locality
- Spacement : 3X3 mtrs. Between pits & pits of size 45X45x45 cm & 30x30x30 cm size
- Species : Broad leave
- Plantation Method : Pit digging
- Soil and Moisture Conservation Works : Small scale engg.
- Protection : (Fencing, Watch man, People's Participation etc.)
- Proposed Monitoring , Mechanism : As per guidelines
- Any other information. : No.

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

CHECK LIST SERIAL NUMBER :- 17

“ SCHEME FOR COMPENSATORY AFFORESTATION ”

Detail scheme for compensatory Afforestation to be carried out in lieu of forest area to be diverted for the C/O Thana Plaun (191 MW) in Distt. Mandi with in the jurisdiction of Suket Forest Division, Sundernagar in Mandi District.

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

District	Mandi	Village	Fatehpur
Tehsil	Sundernagar		
Name of Division	Suket	Range	Jai Devi
Block/Compartment/Survey No. Khasra No. 50 & 94 of Muhal Fatehpur			
Area to be afforested : 10 ha.			

2. Description of Area

- | | |
|---|----------------------|
| I . Whether the site selected for compensatory Afforestation is a land | Yes |
| ii. If the CA site is other than land bank, reasons be :- | No |
| iii. In case of non forest area identified for CA, then what is the distance of | Out side Forest area |
| iv. Soil type :- | Sandy loam, Shallow |
| v. Topography a. Hilly/Undulating/Plain :- | Hilly |
| b. Slope:- Steep/Medium/Gentle :- | Steep |
| 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

Contd.....2.....

4. Schedule of Plantation Programme

Detail of year wise breakup of requirement of funds is as under :-

Year	Area	Rate/h a.	Nursery cost	Total Amount
0 th Year (New Plantation)	10.0000 ha	60150	24200	843500
1 st Year	10.0000 ha	6350	7260	136100
2 nd Year	10.0000 ha	4300	4840	91400
3 rd Year	10.0000 ha	2250	2420	46700
4 th Year	10.0000 ha	2250	2420	46700
5 th Year	10.0000 ha	2250	2420	46700
6 th Year	10.0000 ha	2250	2420	46700
7 th Year	10.0000 ha	2250	2420	46700
8 th Year	10.0000 ha	2250	2420	46700
9 th Year	10.0000 ha	2250	2420	46700
10 th Year	10.0000 ha	2250	2420	46700
Total C.A. Scheme				1444600

Departmental charges @ 17.5%

252805

Contingency charges @ 5%

72230

Total

1769635

2. Technical details

Technical details of Compensatory Afforestation Scheme are as follows :

- General Details : The area shall be closed to improve the vegetation cover in locality
- Spacement : 3X3 mtrs. Between pits & pits of size 45X45x45 cm & 30x30x30 cm size
- Species : Broad leave
- Plantation Method : Pit digging
- Soil and Moisture Conservation Works : Small scale engg.
- Protection : (Fencing, Watch man, People's Participation etc.)
- Proposed Monitoring , Mechanism : As per guidelines
- Any other information. : No.


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

359

CHECK LIST SERIAL NUMBER :- 17

“ SCHEME FOR COMPENSATORY AFFORESTATION”

Detail scheme for compensatory Afforestation to be carried out in lieu of forest area to be diverted for the C/O Thana Plaun (191 MW) in Distt. Mandi with in the jurisdiction of Suket Forest Division, Sundernagar in Mandi District.

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

District	Mandi	Village	Naval
Tehsil	Sundernagar		
Name of Division	Suket	Range	Jai Devi
Block/Compartment/Survey No. Khasra No. 167 of Muhal Naval			
Area to be afforested : 6 ha.			

2. Description of Area

i. Whether the site selected for compensatory Afforestation is a land	Yes
ii. If the CA site is other than land bank, reasons be :-	No
iii. In case of non forest area identified for CA, then what is the distance of	Out side Forest area
iv. Soil type :-	Sandy loam, Shallow
v. Topography a. Hilly/Undulating/Plain :-	Hilly
b. Slope:- Steep/Medium/Gentle :-	Steep
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

Contd.....2.....

360

4. Schedule of Plantation Programme

Detail of year wise breakup of requirement of funds is as under :-

Year	Area	Rate/h a.	Nursery cost	Total Amount
0 th Year (New Plantation)	6.0000 ha	60150	24200	506100
1 st Year	6.0000 ha	6350	7260	81660
2 nd Year	6.0000 ha	4300	4840	54840
3 rd Year	6.0000 ha	2250	2420	28020
4 th Year	6.0000 ha	2250	2420	28020
5 th Year	6.0000 ha	2250	2420	28020
6 th Year	6.0000 ha	2250	2420	28020
7 th Year	6.0000 ha	2250	2420	28020
8 th Year	6.0000 ha	2250	2420	28020
9 th Year	6.0000 ha	2250	2420	28020
10 th Year	6.0000 ha	2250	2420	28020
Total C.A. Scheme				866760

Departmental charges @ 17.5%

151683

Contegency charges @ 5%

43338

Total

1061781

2. Technical details

Technical details of Compensatory Afforestation Scheme are as follows :

- General Details : The area shall be closed to improve the vegetation cover in locality
- Spacement : 3X3 mtrs. Between pits & pits of size 45X45x45 cm & 30x30x30 cm size
- Species : Broad leave
- Plantation Method : Pit digging
- Soil and Moisture Conservation Works : Small scale engg.
- Protection : (Fencing, Watch man, People's Participation etc.)
- Proposed Monitoring , Mechanism : As per guidelines
- Any other information. : No.

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

CHECK LIST SERIAL NUMBER :- 17

“ SCHEME FOR COMPENSATORY AFFORESTATION ”

Detail scheme for compensatory Afforestation to be carried out in lieu of forest area to be diverted for the C/O Thana Plaun (191 MW) in Distt. Mandi with in the jurisdiction of Suket Forest Division, Sundernagar in Mandi District.

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

District	Mandi	Village	Bhalana
Tehsil	Sundernagar		
Name of Division	Suket	Range	Jai Devi

Block/Compartment/Survey No. Khasra No. 174 & 291 of Muhal Bhalana

Area to be afforested : 5 ha.

2. Description of Area

- | | |
|---|----------------------|
| i. Whether the site selected for compensatory Afforestation is a land | Yes |
| ii. If the CA site is other than land bank, reasons be :- | No |
| iii. In case of non forest area identified for CA, then what is the distance of | Out side Forest area |
| iv. Soil type :- | Sandy loam, Shallow |
| v. Topography a. Hilly/Undulating/Plain :- | Hilly |
| b. Slope:- Steep/Medium/Gentle :- | Steep |
| 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

Contd.....2.....

4. Schedule of Plantation Programme

Detail of year wise breakup of requirement of funds is as under :-

Year	Area	Rate/h a.	Nursery cost	Total Amount
0 th Year (New Plantation)	5.0000 ha	60150	24200	421750
1 st Year	5.0000 ha	6350	7260	68050
2 nd Year	5.0000 ha	4300	4840	45700
3 rd Year	5.0000 ha	2250	2420	23350
4 th Year	5.0000 ha	2250	2420	23350
5 th Year	5.0000 ha	2250	2420	23350
6 th Year	5.0000 ha	2250	2420	23350
7 th Year	5.0000 ha	2250	2420	23350
8 th Year	5.0000 ha	2250	2420	23350
9 th Year	5.0000 ha	2250	2420	23350
10 th Year	5.0000 ha	2250	2420	23350
Total C.A. Scheme				722300

Departmental charges @ 17.5%

126403

Contegency charges @ 5%

36115

Total

884818

2. Technical details

Technical details of Compensatory Afforestation Scheme are as follows :

- General Details : The area shall be closed to improve the vegetation cover in locality
- Spacement : 3X3 mtrs. Between pits & pits of size 45X45x45 cm & 30x30x30 cm size
- Species : Broad leave
- Plantation Method : Pit digging
- Soil and Moisture Conservation Works : Small scale engg.
- Protection : (Fencing, Watch man, People's Participation etc.)
- Proposed Monitoring , Mechanism : As per guidelines
- Any other information. : No.

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

CHECK LIST SERIAL NUMBER :- 17

“SCHEME FOR COMPENSATORY AFFORESTATION”

Detail scheme for compensatory Afforestation to be carried out in lieu of forest area to be diverted for the C/O Thana Plaun (191 MW) in Distt. Mandi with in the jurisdiction of Suket Forest Division, Sundernagar in Mandi District.

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

District	Mandi	Village	Kanokher
Tehsil	Sundernagar		
Name of Division	Suket	Range	Kangoo
Block/Compartment/Survey No. Khasra No. 882 of Muhal Kanokher			
Area to be afforested : 6 ha.			

2. Description of Area

- | | |
|---|----------------------|
| i. Whether the site selected for compensatory Afforestation is a land | Yes |
| ii. If the CA site is other than land bank, reasons be :- | No |
| iii. In case of non forest area identified for CA, then what is the distance of | Out side Forest area |
| iv. Soil type :- | Sandy loam, Shallow |
| v. Topography a. Hilly/Undulating/Plain :- | Hilly |
| b. Slope:- Steep/Medium/Gentle :- | Steep |
| 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

Contd.....2.....

4. Schedule of Plantation Programme

Detail of year wise breakup of requirement of funds is as under :-

Year	Area	Rate/h a.	Nursery cost	Total Amount
0 th Year (New Plantation)	6.0000 ha	60150	24200	506100
1 st Year	6.0000 ha	6350	7260	81660
2 nd Year	6.0000 ha	4300	4840	54840
3 rd Year	6.0000 ha	2250	2420	28020
4 th Year	6.0000 ha	2250	2420	28020
5 th Year	6.0000 ha	2250	2420	28020
6 th Year	6.0000 ha	2250	2420	28020
7 th Year	6.0000 ha	2250	2420	28020
8 th Year	6.0000 ha	2250	2420	28020
9 th Year	6.0000 ha	2250	2420	28020
10 th Year	6.0000 ha	2250	2420	28020
Total C.A. Scheme				866760

Departmental charges @ 17.5%

151683

Contengency charges @ 5%

43338

Total

1061781

2. Technical details

Technical details of Compensatory Afforestation Scheme are as follows :

- General Details : The area shall be closed to improve the vegetation cover in locality
- Spacement : 3X3 mtrs. Between pits & pits of size 45X45x45 cm & 30x30x30 cm size
- Species : Broad leave
- Plantation Method : Pit digging
- Soil and Moisture Conservation Works : Small scale engg.
- Protection : (Fencing, Watch man, People's Participation etc.)
- Proposed Monitoring , Mechanism : As per guidelines
- Any other information. : No.

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

365

CHECK LIST SERIAL NUMBER :- 17

“ SCHEME FOR COMPENSATORY AFFORESTATION”

Detail scheme for compensatory Afforestation to be carried out in lieu of forest area to be diverted for the C/O Thana Plaun (191 MW) in Distt. Mandi with in the jurisdiction of Suket Forest Division, Sundernagar in Mandi District.

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

District	Mandi	Village	Kunaila
Tehsil	Sundernagar		
Name of Division	Suket	Range	Kangoo
Block/Compartment/Survey No. Khasra No. 434 of Muhal Kunaila			
Area to be afforested : 6 ha.			

2. Description of Area

i. Whether the site selected for compensatory Afforestation is a land	Yes
ii. If the CA site is other than land bank, reasons be :-	No
iii. In case of non forest area identified for CA, then what is the distance of	Out side Forest area
iv. Soil type :-	Sandy loam, Shallow
v. Topography a. Hilly/Undulating/Plain :-	Hilly
b. Slope:- Steep/Medium/Gentle :-	Steep
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

Contd.....2.....

366

4. Schedule of Plantation Programme

Detail of year wise breakup of requirement of funds is as under :-

Year	Area	Rate/h a.	Nursery cost	Total Amount
0 th Year (New Plantation)	6.0000 ha	60150	24200	506100
1 st Year	6.0000 ha	6350	7260	81660
2 nd Year	6.0000 ha	4300	4840	54840
3 rd Year	6.0000 ha	2250	2420	28020
4 th Year	6.0000 ha	2250	2420	28020
5 th Year	6.0000 ha	2250	2420	28020
6 th Year	6.0000 ha	2250	2420	28020
7 th Year	6.0000 ha	2250	2420	28020
8 th Year	6.0000 ha	2250	2420	28020
9 th Year	6.0000 ha	2250	2420	28020
10 th Year	6.0000 ha	2250	2420	28020
Total C.A. Scheme				866760

Departmental charges @ 17.5%

151683

Contegency charges @ 5%

43338

Total

1061781

2. Technical details

Technical details of Compensatory Afforestation Scheme are as follows :

- General Details : The area shall be closed to improve the vegetation cover in locality
- Spacement : 3X3 mtrs. Between pits & pits of size 45X45x45 cm & 30x30x30 cm size
- Species : Broad leave
- Plantation Method : Pit digging
- Soil and Moisture Conservation Works : Small scale engg.
- Protection : (Fencing, Watch man, People's Participation etc.)
- Proposed Monitoring , Mechanism : As per guidelines
- Any other information. : No.

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

CHECK LIST SERIAL NUMBER :- 17

“ SCHEME FOR COMPENSATORY AFFORESTATION ”

Detail scheme for compensatory Afforestation to be carried out in lieu of forest area to be diverted for the C/O Thana Plaun (191 MW) in Distt. Mandi with in the jurisdiction of Suket Forest Division, Sundernagar in Mandi District.

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

District	Mandi	Village	Koon
Tehsil	Sundernagar		
Name of Division	Suket	Range	Kangoo
Block/Compartment/Survey No. Khasra No. 318 of Muhal Koon			
Area to be afforested : 5 ha.			

2. Description of Area

- | | |
|---|----------------------|
| i. Whether the site selected for compensatory Afforestation is a land | Yes |
| ii. If the CA site is other than land bank, reasons be :- | No |
| iii. In case of non forest area identified for CA, then what is the distance of | Out side Forest area |
| iv. Soil type :- | Sandy loam, Shallow |
| v. Topography a. Hilly/Undulating/Plain :- | Hilly |
| b. Slope:- Steep/Medium/Gentle :- | Steep |
| 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

Contd.....2.....

4. Schedule of Plantation Programme

Detail of year wise breakup of requirement of funds is as under :-

Year	Area	Rate/h a.	Nursery cost	Total Amount
0 th Year (New Plantation)	5.0000 ha	60150	24200	421750
1 st Year	5.0000 ha	6350	7260	68050
2 nd Year	5.0000 ha	4300	4840	45700
3 rd Year	5.0000 ha	2250	2420	23350
4 th Year	5.0000 ha	2250	2420	23350
5 th Year	5.0000 ha	2250	2420	23350
6 th Year	5.0000 ha	2250	2420	23350
7 th Year	5.0000 ha	2250	2420	23350
8 th Year	5.0000 ha	2250	2420	23350
9 th Year	5.0000 ha	2250	2420	23350
10 th Year	5.0000 ha	2250	2420	23350
Total C.A. Scheme				722300

Departmental charges @ 17.5%

126403

Contegency charges @ 5%

36115

Total

884818

2. Technical details

Technical details of Compensatory Afforestation Scheme are as follows :

- General Details : The area shall be closed to improve the vegetation cover in locality
- Spacement : 3X3 mtrs. Between pits & pits of size 45X45x45 cm & 30x30x30 cm size
- Species : Broad leave
- Plantation Method : Pit digging
- Soil and Moisture Conservation Works : Small scale engg.
- Protection : (Fencing, Watch man, People's Participation etc.)
- Proposed Monitoring , Mechanism : As per guidelines
- Any other information. : No.

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

CHECK LIST SERIAL NUMBER :- 17

“ SCHEME FOR COMPENSATORY AFFORESTATION ”

Detail scheme for compensatory Afforestation to be carried out in lieu of forest area to be diverted for the C/O Thana Plaun (191 MW) in Distt. Mandi with in the jurisdiction of Suket Forest Division, Sundernagar in Mandi District.

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

District	Mandi	Village	Gamohu
Tehsil	Sundernagar		
Name of Division	Suket	Range	Kangoo
Block/Compartment/Survey No. Khasra No. 550 of Muhal Gamohu			
Area to be afforested : 9 ha.			

2. Description of Area

- | | |
|---|----------------------|
| i. Whether the site selected for compensatory Afforestation is a land | Yes |
| ii. If the CA site is other than land bank, reasons be :- | No |
| iii. In case of non forest area identified for CA, then what is the distance of | Out side Forest area |
| iv. Soil type :- | Sandy loam, Shallow |
| v. Topography a. Hilly/Undulating/Plain :- | Hilly |
| b. Slope:- Steep/Medium/Gentle :- | Steep |
| 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

Contd.....2.....

4. Schedule of Plantation Programme

Detail of year wise breakup of requirement of funds is as under :-

Year	Area	Rate/h a.	Nursery cost	Total Amount
0 th Year (New Plantation)	9.0000 ha	60150	24200	759150
1 st . Year	9.0000 ha	6350	7260	122490
2 nd Year	9.0000 ha	4300	4840	82260
3 rd . Year	9.0000 ha	2250	2420	42030
4 th Year	9.0000 ha	2250	2420	42030
5 th Year	9.0000 ha	2250	2420	42030
6 th Year	9.0000 ha	2250	2420	42030
7 th Year	9.0000 ha	2250	2420	42030
8 th Year	9.0000 ha	2250	2420	42030
9 th Year	9.0000 ha	2250	2420	42030
10 th Year	9.0000 ha	2250	2420	42030
Total C.A. Scheme				1300140

Departmental charges @ 17.5%

227525

Contingency charges @ 5%

65007

Total

1592672

2. Technical details

Technical details of Compensatory Afforestation Scheme are as follows :

- General Details : The area shall be closed to improve the vegetation cover in locality
- Spacing : 3X3 mtrs. Between pits & pits of size 45X45x45 cm & 30x30x30 cm size
- Species : Broad leave
- Plantation Method : Pit digging
- Soil and Moisture Conservation Works : Small scale engg.
- Protection : (Fencing, Watch man, People's Participation etc.)
- Proposed Monitoring , Mechanism : As per guidelines
- Any other information. : No.

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

CHECK LIST SERIAL NO.17.					
SCHEME FOR COMPENSATORY AFFORESTATION 7 TO 10 YEARS					
DETAIL SCHEME FOR COMPENSATORY AFFORESTATION IN 47.08 HECTARE TO BE CARRIED OUT IN LIEU OF 23.54 HECTARE OF AREA TO BE DIVERTED FOR THE CONSTRUCTION OF THANA PLOUN HEP (191 MW) IN FAVOUR OF HPPCL					
Detail of degraded forest/Non Forest land			Non Forest land.		
District			Mandi.		
Tehsil			Sadar		
Name of Division			Mandi		
Area to be afforested			47.08		
S.No.	Name of Forest Range	Block	Name of Muhal	Area in ha.	Survey sheet No.
1.	Kataula	Bagi	Tihri.	47.08	H43F1
2.	Description of Area				
(i)	Whether the site selected for CA in land bank or not				No.
(ii)	If the CA site is other than land bank, reason be given				-
(iii)	In case of non forest area identified for CA than what is the adjoining forest boundary				-
(iv)	Soil type				Sandy loam.
(v)	Topography a) Hilly/Universal/Plain				Hilly.
(vi)	b) Slope, Steep/Medium/Gentle				Medium.
(vii)	Whether the area is bearing any root stock of vegetation				Bushes.
3.	Plantation Model:- Copy of approved compensatory afforestation				Attached.
4.	Schedule of Plantation programme				
Detail of year wise break up of requirement of funds as under:-					
S.N.	Particulars including soil & Moisture conservation.	Qty in hectares	Rate in Rs. (per hect.)	Amount	Remarks.
1.	Compensatory afforestation (1100 plants/hac.) with RCC Fence Post and 4-strand Barbed wire fencing.				
	Fencing	47.08	29200		1374736
	Planting	47.08	34000		1600720
	Total				2975456
2.	Maintenance				
	1st Year	47.08	6850		322498
	2nd Year	47.08	4600		216568
	3rd Year to 10th year maintenance	47.08	2400		903936
	Total				1443002
3.	Soil Conservation works	47.08	50000		2354000
A	Grand Total 1 to 3				6772458
B	Contingencies charges @ 5%				338623
C	Departmental charges @ 17.5%				1185180
D	GST on cost of fence post (Total fence post=2825x@300=847500x18%=152550/-)				152550
E	Nursery cost @51788x23 plants				1191124
F	Cost of trees for maintenance @ 70% of original planted plants@ 1100x47.08=51788x70%=36252x23=833796/-				833796
	Total amount for 47.08 hect. CA Scheme (A+B+C+D+E+F)				10473731
Technical Detail					
Technical detail of compensatory afforestation is as under					
a)	General detail			The area shall be closed to improve vegetation cover in	

		the locality to enhance the moisture and water table.		
b)	Spacement	3mx3m		
c)	Species	Broad leave.		
d)	Plantation method	Pit digging.		
e)	Soil & moisture conservation works	Work shall be carried out for the same.		
f)	Protection	Fencing & people participation.		
g)	Proposed Monitoring Mechanism	As per guidelines.		
h)	Any other information	-Nil-		
Note: (i)	Rate of fence post has been charged Rs.300/- per fence post as fixed byt Pr.CCF,H.P. vide letter No., Ft.48-66/2016(FCA) dated 24 th June 2017. Thus the amount is calculated accordingly as under.			
Area in ha.	Fence Post per hect.	Total fence post is to be used at the time of planting.	Cost of fence post	Total amount
47.08	60	2825	300/-	847500/-
Note: (ii)	GST on Cost of fence post @ 18%.	847500x18%=152550		152550/-

Place:-Mandi
Dated: 6.3.2019

Approved

Chief Conservator of Forests (T)
Forest Circle, Mandi (H.P.)

(S.S.Kashyap)HPFS,
Divisional Forest Officer,
Mandi Forest Division, Mandi.

373

CHECK LIST SERIAL NO.17.

SCHEME FOR COMPENSATORY AFFORESTATION 7 TO 10 YEARS


DETAIL SCHEME FOR COMPENSATORY AFFORESTATION IN 2.67 HECTARE TO BE CARRIED OUT IN LIEU OF 1.335 HECTARE OF AREA TO BE DIVERTED FOR THE CONSTRUCTION OF THANA PLOUN HEP (191 MW) IN FAVOUR OF HPPCL

Detail of degraded forest/Non Forest land		Non Forest land.			
District		Mandi.			
Tehsil		Sadar			
Name of Division		Mandi			
Area to be afforested		2.67 Ha			
S.No.	Name of Forest Range	Block	Name of Muhal	Area in ha.	Survey sheet No.
1.	Panarsa	Shiva Badar	Thatta.	2.67	H43F2
2.	Description of Area				
(i)	Whether the site selected for CA in land bank or not				No.
ii)	If the CA site is other than land bank, reason be given				-
iii)	In case of non forest area identified for CA than what is the adjoining forest boundary				-
iv)	Soil type				Sandy loam.
v)	Topography a) Hilly/Universal/Plain				Hilly.
vi)	b) Slope, Steep/Medium/Gentle				Medium.
vii)	Whether the area is bearing any root stock of vegetation				Bushes.
3.	Plantation Model:- Copy of approved compensatory afforestation				Attached.
4.	Schedule of Plantation programme				
Detail of year wise break up of requirement of funds as under:-					
S.N.	Particulars including soil & Moisture conservation.	Qty in hectares	Rate in Rs. (per hect.)	Amount	Remarks.
1.	Compensatory afforestation (1100 plants/hac.) with RCC Fence Post and 4-strand Barbed wire fencing.				
	Fencing	2.67	29200		77964
	Planting	2.67	34000		90780
	Total				168744
2.	Maintenance				
	1 st Year	2.67	6850		18289
	2 nd Year	2.67	4600		12282
	3 rd Year to 10 th year maintenance	2.67	2400		51264
	Total				81835
3.	Soil Conservation works	2.67	50000		133500
A	Grand Total 1 to 3				384079
B	Contingencies charges @ 5%				19204
C	Departmental charges @ 17.5%				67214
D	GST on cost of fence post (Total fence post=160x@300=48000x18%=8640/-				8640
E	Nursery cost @2937x23 plants				67551
F	Cost of trees for maintenance @ 70% of original planted plants@ 1100x2.67=2937x70%=2056x23=47288/-				47288
	Total amount for 2.67 hect. CA Scheme (A+B+C+D+E+F)				593976
Technical Detail					
Technical detail of compensatory afforestation is as under					
a)	General detail			The area shall be closed to improve vegetation cover in	

374

		the locality to enhance the moisture and water table.		
b)	Spacement	3mx3m		
c)	Species	Broad leave.		
d)	Plantation method	Pit digging.		
e)	Soil & moisture conservation works	Work shall be carried out for the same.		
f)	Protection	Fencing & people participation.		
g)	Proposed Monitoring Mechanism	As per guidelines.		
h)	Any other information	-Nil-		
Note:	Rate of fence post has been charged Rs.300/- per fence post as fixed byt Pr.CCF,H.P. vide letter No., Ft.48-66/2016(FCA) dated 24 th June 2017. Thus the amount is calculated accordingly as under.			
(i)				
Area in ha.	Fence Post per hect.	Total fence post is to be used at the time of planting.	Cost of fence post	Total amount
2.67	60	160	300/-	48000/-
Note: (ii)	GST on Cost of fence post @ 18%.	48000x18%=8640		8640/-

Place:-Mandi
Dated: 6.3.2019


(S.S. Kashyap) HPFS,
Divisional Forest Officer,
Mandi Forest Division, Mandi.

Approved


Chief Conservator of Forests (T)
Forest Circle, Mandi (H.P.)

375

CHECK LIST SERIAL NO.17.					
SCHEME FOR COMPENSATORY AFFORESTATION 7 TO 10 YEARS					
DETAIL SCHEME FOR COMPENSATORY AFFORESTATION IN 37.63 HECTARE TO BE CARRIED OUT IN LIEU OF 18.815 HECTARE OF AREA TO BE DIVERTED FOR THE CONSTRUCTION OF THANA PLOUN HEP (191 MW) IN FAVOUR OF HPPCL					
Detail of degraded forest/Non Forest land			Non Forest land.		
District			Mandi.		
Tehsil			Sadar		
Name of Division			Mandi		
Area to be afforested			37.63		
S.No.	Name of Forest Range	Block	Name of Muhal	Area in ha.	Survey sheet No.
1.	Panarsa	Shiva Badar	Suma.	37.63	H43F2
2.	Description of Area				
(i)	Whether the site selected for CA in land bank or not				No.
ii)	If the CA site is other than land bank, reason be given				-
iii)	In case of non forest area identified for CA than what is the adjoining forest boundary				-
iv)	Soil type				Sandy loam.
v)	Topography a) Hilly/Universal/Plain				Hilly.
vi)	b) Slope, Steep/Medium/Gentle				Medium.
vii)	Whether the area is bearing any root stock of vegetation				Bushes.
3.	Plantation Model:- Copy of approved compensatory afforestation				Attached.
4.	Schedule of Plantation programme				
Detail of year wise break up of requirement of funds as under:-					
S.N.	Particulars including soil & Moisture conservation.	Qty in hectares	Rate in Rs. (per hect.)	Amount	Remarks.
1.	Compensatory afforestation (1100 plants/hac.) with RCC Fence Post and 4-strand Barbed wire fencing.				
	Fencing	37.63	29200		1098796
	Planting	37.63	34000		1279420
	Total				2387216
2.	Maintenance				
	1 st Year	37.63	6850		257765
	2 nd Year	37.63	4600		173098
	3 rd Year to 10 th year maintenance	37.63	2400		722496
	Total				1153359
3.	Soil Conservation works	37.63	50000		1881500
A	Grand Total 1to 3				5422075
B	Contingencies charges @ 5%				271104
C	Departmental charges @ 17.5%				948863
D	GST on cost of fence post (Total fence post=2258x@300=677400x18%=121932/-				121932
E	Nursery cost @41393x23 plants				952039
F	Cost of trees for maintenance @ 70% of original planted plants@ 1100x37.63=41393x70%=28975x23=666425/-				666425
	Total amount for 37.63 hect. CA Scheme (A+B+C+D+E+F)				8382438
Technical Detail					
Technical detail of compensatory afforestation is as under					
a)	General detail			The area shall be closed to improve vegetation cover in	

		the locality to enhance the moisture and water table.		
b)	Spacement	3mx3m		
c)	Species	Broad leave.		
d)	Plantation method	Pit digging.		
e)	Soil & moisture conservation works	Work shall be carried out for the same.		
f)	Protection	Fencing & people participation.		
g)	Proposed Monitoring Mechanism	As per guidelines.		
h)	Any other information	-Nil-		
Note:	Rate of fence post has been charged Rs.300/- per fence post as fixed byt Pr.CCF,H.P. vide letter No., Ft.48-66/2016(FCA) dated 24 th June 2017. Thus the amount is calculated accordingly as under.			
(i)				
Area in ha.	Fence Post per hect.	Total fence post is to be used at the time of planting.	Cost of fence post	Total amount
37.63	60	2258	300/-	677400/-
Note: (ii)	GST on Cost of fence post @ 18%.	677400x18%=121932		121932/-

Place:-Mandi
Dated: 6.3.2019

Approved


Chief Conservator of Forests (T)
Forest Circle, Mandi (H.P.)


(S.S.Kashyap)HPFS,
Divisional Forest Officer,
Mandi Forest Division,Mandi.

377

CHECK LIST SERIAL NO.17.					
SCHEME FOR COMPENSATORY AFFORESTATION 7 TO 10 YEARS					
DETAIL SCHEME FOR COMPENSATORY AFFORESTATION IN 47.24 HECTARE TO BE CARRIED OUT IN LIEU OF 23.62 HECTARE OF AREA TO BE DIVERTED FOR THE CONSTRUCTION OF THANA PLOUN HEP (191 MW) IN FAVOUR OF HPPCL					
Detail of degraded forest/Non Forest land			Non Forest land.		
District			Mandi.		
Tehsil			Sadar		
Name of Division			Mandi		
Area to be afforested			47.24		
S.No.	Name of Forest Range	Block	Name of Muhal	Area in ha.	Survey sheet No.
1.	Kataula	Bagi	Suhada.	47.24	H43F1
2.	Description of Area				
(i)	Whether the site selected for CA in land bank or not				No.
ii)	If the CA site is other than land bank, reason be given				-
iii)	In case of non forest area identified for CA than what is the adjoining forest boundary				-
iv)	Soil type				Sandy loam.
v)	Topography a) Hilly/Universal/Plain				Hilly.
vi)	b) Slope, Steep/Medium/Gentle				Medium.
vii)	Whether the area is bearing any root stock of vegetation				Bushes.
3.	Plantation Model:- Copy of approved compensatory afforestation				Attached.
4.	Schedule of Plantation programme				
Detail of year wise break up of requirement of funds as under:-					
S.N.	Particulars including soil & Moisture conservation.	Qty in hectares	Rate in Rs. (per hect.)	Amount	Remarks.
1.	Compensatory afforestation (1100 plants/hac.) with RCC Fence Post and 4-strand Barbed wire fencing.				
	Fencing	47.24	29200		1379408
	Planting	47.24	34000		1606160
	Total				2985568
2.	Maintenance				
	1 st Year	47.24	6850		323594
	2 nd Year	47.24	4600		217304
	3 rd Year to 10 th year maintenance	47.24	2400		907008
	Total				1447906
3.	Soil Conservation works	47.24	50000		2362000
A	Grand Total 1 to 3				6795474
B	Contingencies charges @ 5%				339774
C	Departmental charges @ 17.5%				1189208
D	GST on cost of fence post (Total fence post=2834x@300=850200x18%=153036/-				153036
E	Nursery cost @51964x23 plants				1195172
F	Cost of trees for maintenance @ 70% of original planted plants@ 1100x47.24=51964x70%=36375x23=836625/-				836625
	Total amount for 47.24 hect. CA Scheme (A+B+C+D+E+F)				10509289
Technical Detail					
Technical detail of compensatory afforestation is as under					
a)	General detail			The area shall be closed to improve vegetation cover in	

		the locality to enhance the moisture and water table.		
b)	Spacement	3mx3m		
c)	Species	Broad leave.		
d)	Plantation method	Pit digging.		
e)	Soil & moisture conservation works	Work shall be carried out for the same.		
f)	Protection	Fencing	& people participation.	
g)	Proposed Monitoring Mechanism	As per guidelines.		
h)	Any other information	-Nil-		
Note: (i)	Rate of fence post has been charged Rs.300/- per fence post as fixed byt Pr.CCF,H.P. vide letter No., Ft.48-66/2016(FCA) dated 24 th June 2017. Thus the amount is calculated accordingly as under.			
Area in ha.	Fence Post per hect.	Total fence post is to be used at the time of planting.	Cost of fence post	Total amount
47.24	60	2834	300/-	850200/-
Note: (ii)	GST on Cost of fence post @ 18%.	850200x18%=153036		153036/-

Place:-Mandi
Dated: 1.3.2019

Approved

Chief Conservator of Forests (T)
Forest Circle, Mandi (H.P.)



(S.S.Kashyap)HPFS,
Divisional Forest Officer,
Mandi Forest Division,Mandi.

37

CHECK LIST SERIAL NO.17.**SCHEME FOR COMPENSATORY AFFORESTATION 7 TO 10 YEARS**

DETAIL SCHEME FOR COMPENSATORY AFFORESTATION IN 4.29 HECTARE TO BE CARRIED OUT IN LIEU OF 2.145 HECTARE OF AREA TO BE DIVERTED FOR THE CONSTRUCTION OF THANA PLOUN HEP (191 MW) IN FAVOUR OF HPPCL

Detail of degraded forest/Non Forest land			Non Forest land.		
District			Mandi.		
Tehsil			Sadar		
Name of Division			Mandi		
Area to be afforested			4.29		
S.No.	Name of Forest Range	Block	Name of Muhal	Area in ha.	Survey sheet No.
1.	Kataula	Bagi	Segli	4.29	H43F1
2.	Description of Area				
(i)	Whether the site selected for CA in land bank or not				No.
ii)	If the CA site is other than land bank, reason be given				-
iii)	In case of non forest area identified for CA than what is the adjoining forest boundary				-
iv)	Soil type				Sandy loam.
v)	Topography a) Hilly/Universal/Plain				Hilly.
vi)	b) Slope, Steep/Medium/Gentle				Medium.
vii)	Whether the area is bearing any root stock of vegetation				Bushes.
3.	Plantation Model:- Copy of approved compensatory afforestation				Attached.
4.	Schedule of Plantation programme				
Detail of year wise break up of requirement of funds as under:-					
S.N.	Particulars including soil & Moisture conservation.	Qty in hectares	Rate in Rs. (per hect.)	Amount	Remarks.
1.	Compensatory afforestation (1100 plants/hac.) with RCC Fence Post and 4-strand Barbed wire fencing.				
	Fencing	4.29	29200		125268
	Planting	4.29	34000		145860
	Total				271128
2.	Maintenance				
	1 st Year	4.29	6850		29386
	2 nd Year	4.29	4600		19734
	3 rd Year to 10 th year maintenance	4.29	2400		82368
	Total				131488
3.	Soil Conservation works	4.29	50000		214500
A	Grand Total 1 to 3				617116
B	Contingencies charges @ 5%				30856
C	Departmental charges @ 17.5%				107995
D	GST on cost of fence post (Total fence post=257@300=77100x18%=13878/-				13878
E	Nursery cost @4719x23 plants				108537
F	Cost of trees for maintenance @ 70% of original planted plants@ 1100x4.29=4719x70%=3303x23=75969/-				75969
	Total amount for 4.29 hect. CA Scheme (A+B+C+D+E+F)				954351
Technical Detail					
Technical detail of compensatory afforestation is as under					
a)	General detail			The area shall be closed to improve vegetation cover in	

		the locality to enhance the moisture and water table.		
b)	Spacement	3mx3m		
c)	Species	Broad leave.		
d)	Plantation method	Pit digging.		
e)	Soil & moisture conservation works	Work shall be carried out for the same.		
f)	Protection	Fencing & people participation.		
g)	Proposed Monitoring Mechanism	As per guidelines.		
h)	Any other information	-Nil-		
Note:	Rate of fence post has been charged Rs.300/- per fence post as fixed byt Pr.CCF,H.P.			
(i)	vide letter No., Ft.48-66/2016(FCA) dated 24 th June 2017. Thus the amount is calculated accordingly as under.			
Area in ha.	Fence Post per hect.	Total fence post is to be used at the time of planting.	Cost of fence post	Total amount
4.29	60	257	300/-	77100/-
Note: (ii)	GST on Cost of fence post @ 18%.	77100x18%=13878		13878/-

Place:-Mandi
Dated: 6.3.2019



(S.S.Kashyap)HPFS,
Divisional Forest Officer,
Mandi Forest Division, Mandi.

Approved


 Chief Conservator of Forests (T)
 Forest Circle, Mandi (H.P.)

CHECK LIST SERIAL NO.17.					
SCHEME FOR COMPENSATORY AFFORESTATION 7 TO 10 YEARS					
DETAIL SCHEME FOR COMPENSATORY AFFORESTATION IN 5.18 HECTARE TO BE CARRIED OUT IN LIEU OF 2.59 HECTARE OF AREA TO BE DIVERTED FOR THE CONSTRUCTION OF THANA PLOUN HEP (191 MW) IN FAVOUR OF HPPCL					
Detail of degraded forest/Non Forest land			Non Forest land.		
District			Mandi.		
Tehsil			Sadar		
Name of Division			Mandi		
Area to be afforested			5.18		
S.No.	Name of Forest Range	Block	Name of Muhal	Area in ha.	Survey sheet No.
1.	Kataula	Kataula	Nandal.	5.18	H43F1 & H43E13
2.	Description of Area				
(i)	Whether the site selected for CA in land bank or not				No.
(ii)	If the CA site is other than land bank, reason be given				-
(iii)	In case of non forest area identified for CA than what is the adjoining forest boundary				-
(iv)	Soil type				Sandy loam.
(v)	Topography a) Hilly/Universal/Plain				Hilly.
(vi)	b) Slope, Steep/Medium/Gentle				Medium.
(vii)	Whether the area is bearing any root stock of vegetation				Bushes.
3.	Plantation Model:- Copy of approved compensatory afforestation				Attached.
4.	Schedule of Plantation programme				
Detail of year wise break up of requirement of funds as under:-					
S.N.	Particulars including soil & Moisture conservation.	Qty in hectares	Rate in Rs. (per hect.)	Amount	Remarks.
1.	Compensatory afforestation (1100 plants/hac.) with RCC Fence Post and 4-strand Barbed wire fencing.				
	Fencing	5.18	29200		151256
	Planting	5.18	34000		176120
	Total				327376
2.	Maintenance				
	1 st Year	5.18	6850		35483
	2 nd Year	5.18	4600		23828
	3 rd Year to 10 th year maintenance	5.18	2400		99456
	Total				158767
3.	Soil Conservation works	5.18	50000		259000
A	Grand Total 1 to 3				745143
B	Contingencies charges @ 5%				37257
C	Departmental charges @ 17.5%				130400
D	GST on cost of fence post (Total fence post=311x@300=93300x18%=16794/-				16794
E	Nursery cost @5698x23 plants				131054
F	Cost of trees for maintenance @ 70% of original planted plants@ 1100x5.18=5698x70%=3989x23=91747/-				91747
	Total amount for 5.18 hect. CA Scheme (A+B+C+D+E+F)				1152395
Technical Detail					
Technical detail of compensatory afforestation is as under					
a)	General detail	The area shall be closed to improve vegetation cover in			

		the locality to enhance the moisture and water table.		
b)	Spacement	3mx3m		
c)	Species	Broad leave.		
d)	Plantation method	Pit digging.		
e)	Soil & moisture conservation works	Work shall be carried out for the same.		
f)	Protection	Fencing & people participation.		
g)	Proposed Monitoring Mechanism	As per guidelines.		
h)	Any other information	-Nil-		
Note: (i)	Rate of fence post has been charged Rs.300/- per fence post as fixed byt Pr.CCF,H.P. vide letter No., Ft.48-66/2016(FCA) dated 24 th June 2017. Thus the amount is calculated accordingly as under.			
Area in ha.	Fence Post per hect.	Total fence post is to be used at the time of planting.	Cost of fence post	Total amount
5.18	60	311	300/-	93300
Note: (ii)	GST on Cost of fence post @ 18%.	93300x18%=16794		16794

Place:-Mandi
Dated: 1.3.2019

Approved

Chief Conservator of Forests (T)
Forest Circle, Mandi (H.P.)


(S.S.Kashyap)HPFS,
Divisional Forest Officer,
Mandi Forest Division, Mandi.

383

CHECK LIST SERIAL NO.17.

SCHEME FOR COMPENSATORY AFFORESTATION 7 TO 10 YEARS

DETAIL SCHEME FOR COMPENSATORY AFFORESTATION IN 22.09 HECTARE TO BE CARRIED OUT IN LIEU OF 11.045 HECTARE OF AREA TO BE DIVERTED FOR THE CONSTRUCTION OF THANA PLOUN HEP (191 MW) IN FAVOUR OF HPPCL

Detail of degraded forest/Non Forest land			Non Forest land.		
District			Mandi.		
Tehsil			Sadar		
Name of Division			Mandi		
Area to be afforested			22.09		
S.No.	Name of Forest Range	Block	Name of Muhal	Area in ha.	Survey sheet No.
1.	Panarsa	Shiva Badar	Nagdhar.	22.09	H43F2

2.	Description of Area				No.
(i)	Whether the site selected for CA in land bank or not				
ii)	If the CA site is other than land bank, reason be given				
iii)	In case of non forest area identified for CA than what is the adjoining forest boundary				
iv)	Soil type				Sandy loam.
v)	Topography a) Hilly/Universal/Plain				Hilly.
vi)	b) Slope, Steep/Medium/Gentle				Medium.
vii)	Whether the area is bearing any root stock of vegetation				Bushes.
3.	Plantation Model:- Copy of approved compensatory afforestation				Attached
4.	Schedule of Plantation programme				

Detail of year wise break up of requirement of funds as under:-

S.N.	Particulars including soil & Moisture conservation.	Qty in hectares	Rate in Rs. (per hect.)	Amount	Remarks.
1.	Compensatory afforestation (1100 plants/hac.) with RCC Fence Post and 4-strand Barbed wire fencing.				
	Fencing	22.09	29200		645028
	Planting	22.09	34000		751060
	Total				1396088
2.	Maintenance				
	1 st Year	22.09	6850		151316
	2 nd Year	22.09	4600		101614
	3 rd Year to 10 th year maintenance	22.09	2400		424128
	Total				677058
3.	Soil Conservation works	22.09	50000		1104500
A	Grand Total 1 to 3				3177646
B	Contingencies charges @ 5%				158882
C	Departmental charges @ 17.5%				556088
D	GST on cost of fence post (Total fence post=1325x@300=397500x18%=71550/-)				71550
E	Nursery cost @24299x23 plants				558877
F	Cost of trees for maintenance @ 70% of original planted plants@ 1100x22.09=24299x70%=17009x23=391207/-				391207
	Total amount for 22.09 hect. CA Scheme (A+B+C+D+E+F)				4914250

Technical Detail

Technical detail of compensatory afforestation is as under

a)	General detail	The area shall be closed to improve vegetation cover in
----	----------------	---

		the locality to enhance the moisture and water table.		
b)	Spacement	3mx3m		
c)	Species	Broad leave.		
d)	Plantation method	Pit digging.		
e)	Soil & moisture conservation works	Work shall be carried out for the same.		
f)	Protection	Fencing & people participation.		
g)	Proposed Monitoring Mechanism	As per guidelines.		
h)	Any other information	-Nil-		
Note:	Rate of fence post has been charged Rs.300/- per fence post as fixed byt Pr.CCF,H.P. vide letter No., Ft.48-66/2016(FCA) dated 24 th June 2017. Thus the amount is calculated accordingly as under.			
(i)				
Area in ha.	Fence Post per hect.	Total fence post is to be used at the time of planting.	Cost of fence post	Total amount
22.09	60	1325	300/-	397500/-
Note: (ii)	GST on Cost of fence post @ 18%.	397500x18%=71550		71550/-

Place:-Mandi

Dated: 6.3.2019

Approved

(S.S.Kashyap)HPFS,
Divisional Forest Officer,
Mandi Forest Division,Mandi.

Chief Conservator of Forests (T)
Forest Circle, Mandi (H.P.)

385

CHECK LIST SERIAL NO.17.					
SCHEME FOR COMPENSATORY AFFORESTATION 7 TO 10 YEARS					
DETAIL SCHEME FOR COMPENSATORY AFFORESTATION IN 13.27 HECTARE TO BE CARRIED OUT IN LIEU OF 6.635 HECTARE OF AREA TO BE DIVERTED FOR THE CONSTRUCTION OF THANA PLOUN HEP (191 MW) IN FAVOUR OF HPPCL					
Detail of degraded forest/Non Forest land			Non Forest land.		
District			Mandi.		
Tehsil			Sadar		
Name of Division			Mandi		
Area to be afforested			13.27		
S.No.	Name of Forest Range	Block	Name of Muhal	Area in ha.	Survey sheet No.
1.	Panarsa	Shiva Badar	Masad.	13.27	H43F2
2.	Description of Area				
(i)	Whether the site selected for CA in land bank or not				No.
ii)	If the CA site is other than land bank, reason be given				-
iii)	In case of non forest area identified for CA than what is the adjoining forest boundary				-
iv)	Soil type				Sandy loam.
v)	Topography a) Hilly/Universal/Plain				Hilly.
vi)	b) Slope, Steep/Medium/Gentle				Medium.
vii)	Whether the area is bearing any root stock of vegetation				Bushes.
3.	Plantation Model:- Copy of approved compensatory afforestation				Attached.
4.	Schedule of Plantation programme				
Detail of year wise break up of requirement of funds as under:-					
S.N.	Particulars including soil & Moisture conservation.	Qty in hectares	Rate in Rs. (per hect.)	Amount	Remarks.
1.	Compensatory afforestation (1100 plants/hac.) with RCC Fence Post and 4-strand Barbed wire fencing.				
	Fencing	13.27	29200		387484
	Planting	13.27	34000		451180
	Total				838664
2.	Maintenance				
	1 st Year	13.27	6850		90899
	2 nd Year	13.27	4600		61042
	3 rd Year to 10 th year maintenance	13.27	2400		254784
	Total				406725
3.	Soil Conservation works	13.27	50000		663500
A	Grand Total 1 to 3				1908889
B	Contingencies charges @ 5%				95444
C	Departmental charges @ 17.5%				334056
D	GST on cost of fence post (Total fence post=796x@300=238800x18%=42984/-				42984
E	Nursery cost @14597x23 plants				335731
F	Cost of trees for maintenance @ 70% of original planted plants@ 1100x13.27=14597x70%=10218x23=235014/-				235014
	Total amount for 13.27 hect. CA Scheme (A+B+C+D+E+F)				2952118
Technical Detail					
Technical detail of compensatory afforestation is as under					
a)	General detail	The area shall be closed to improve vegetation cover in			

		the locality to enhance the moisture and water table.			
b)	Spacement	3mx3m			
c)	Species	Broad leave.			
d)	Plantation method	Pit digging.			
e)	Soil & moisture conservation works	Work shall be carried out for the same.			
f)	Protection	Fencing & people participation.			
g)	Proposed Monitoring Mechanism	As per guidelines.			
h)	Any other information	-Nil-			
Note:	Rate of fence post has been charged Rs.300/- per fence post as fixed byt Pr.CCF,H.P. vide letter No., Ft.48-66/2016(FCA) dated 24 th June 2017. Thus the amount is calculated accordingly as under.				
Area in ha.		Fence Post per hect.	Total fence post is to be used at the time of planting.	Cost of fence post	Total amount
13.27		60	796	300/-	238800/-
Note: (ii)		GST on Cost of fence post @ 18%.	238800x18%=82836		42984/-

Place:-Mandi
Dated: 6.3.2019



(S.S.Kashyap)HPFS,
Divisional Forest Officer,
Mandi Forest Division,Mandi.

Approved

Chief Conservator of Forests (T)
Forest Circle, Mandi (H.P.)

387
10

CHECK LIST SERIAL NO.17.					
SCHEME FOR COMPENSATORY AFFORESTATION 7 TO 10 YEARS					
DETAIL SCHEME FOR COMPENSATORY AFFORESTATION IN 14.48 HECTARE TO BE CARRIED OUT IN LIEU OF 7.24 HECTARE OF AREA TO BE DIVERTED FOR THE CONSTRUCTION OF THANA PLOUN HEP (191 MW) IN FAVOUR OF HPPCL					
Detail of degraded forest/Non Forest land			Non Forest land.		
District			Mandi.		
Tehsil			Sadar		
Name of Division			Mandi		
Area to be afforested			14.48		
S.No.	Name of Forest Range	Block	Name of Muhal	Area in ha.	Survey sheet No.
1.	Kataula	Bagi	Kundakh.	14.48	H43F1
2.	Description of Area				
(i)	Whether the site selected for CA in land bank or not				No.
ii)	If the CA site is other than land bank, reason be given				-
iii)	In case of non forest area identified for CA than what is the adjoining forest boundary				-
iv)	Soil type				Sandy loam.
v)	Topography a) Hilly/Universal/Plain				Hilly.
vi)	b) Slope, Steep/Medium/Gentle				Medium.
vii)	Whether the area is bearing any root stock of vegetation				Bushes.
3.	Plantation Model:- Copy of approved compensatory afforestation				Attached.
4.	Schedule of Plantation programme				
Detail of year wise break up of requirement of funds as under:-					
S.N.	Particulars including soil & Moisture conservation.	Qty in hectares	Rate in Rs. (per hect.)	Amount	Remarks.
1.	Compensatory afforestation (1100 plants/hac.) with RCC Fence Post and 4-strand Barbed wire fencing.				
	Fencing	14.48	29200	422816	
	Planting	14.48	34000	492320	
	Total			915136	
2.	Maintenance				
	1 st Year	14.48	6850	99188	
	2 nd Year	14.48	4600	66608	
	3 rd Year to 10 th year maintenance	14.48	2400	278016	
	Total			443812	
3.	Soil Conservation works	14.48	50000	724000	
A	Grand Total 1 to 3			2082948	
B	Contingencies charges @ 5%			104147	
C	Departmental charges @ 17.5%			364516	
D	GST on cost of fence post (Total fence post=869x@300=260700x18%=46926/-			46926	
E	Nursery cost @15928x23 plants			366344	
F	Cost of trees for maintenance @ 70% of original planted plants@ 1100x14.48=15928x70%=11150x23=256450/-			256450	
	Total amount for 14.48hect. CA Scheme (A+B+C+D+E+F)			3221331	
Technical Detail					
Technical detail of compensatory afforestation is as under					
a)	General detail	The area shall be closed to improve vegetation cover in			

388

		the locality to enhance the moisture and water table.		
b)	Spacement	3mx3m		
c)	Species	Broad leave.		
d)	Plantation method	Pit digging.		
e)	Soil & moisture conservation works	Work shall be carried out for the same.		
f)	Protection	Fencing & people participation.		
g)	Proposed Monitoring Mechanism	As per guidelines.		
h)	Any other information	-Nil-		
Note: (i)	Rate of fence post has been charged Rs.300/- per fence post as fixed byt Pr.CCF,H.P. vide letter No., Ft.48-66/2016(FCA) dated 24 th June 2017. Thus the amount is calculated accordingly as under.			
Area in ha.	Fence Post per hect.	Total fence post is to be used at the time of planting.	Cost of fence post	Total amount
14.48	60	869	300/-	260700/-
Note: (ii)	GST on Cost of fence post @ 18%.	260700x18%=46926		46926/-

Place:-Mandi
Dated: 6.3.2019

Approved


Chief Conservator of Forests (T)
Forest Circle, Mandi (H.P.)



(S.S.Kashyap)HPFS,
Divisional Forest Officer,
Mandi Forest Division, Mandi.

CHECK LIST SERIAL NO.17.					
SCHEME FOR COMPENSATORY AFFORESTATION 7 TO 10 YEARS					
DETAIL SCHEME FOR COMPENSATORY AFFORESTATION IN 3.88 HECTARE TO BE CARRIED OUT IN LIEU OF 1.94 HECTARE OF AREA TO BE DIVERTED FOR THE CONSTRUCTION OF THANA PLOUN HEP (191 MW) IN FAVOUR OF HPPCL					
Detail of degraded forest/Non Forest land			Non Forest land.		
District			Mandi.		
Tehsil			Sadar		
Name of Division			Mandi		
Area to be afforested			3.88		
S.No.	Name of Forest Range	Block	Name of Muhal	Area in ha.	Survey sheet No.
1.	Mandi	Rehardhar	Katindhi.	3.88	H43E13
2.	Description of Area				
(i)	Whether the site selected for CA in land bank or not				No.
ii)	If the CA site is other than land bank, reason be given				-
iii)	In case of non forest area identified for CA than what is the adjoining forest boundary				-
iv)	Soil type				Sandy loam.
v)	Topography a) Hilly/Universal/Plain				Hilly.
vi)	b) Slope, Steep/Medium/Gentle				Medium.
vii)	Whether the area is bearing any root stock of vegetation				Bushes.
3.	Plantation Model:- Copy of approved compensatory afforestation				Attached.
4.	Schedule of Plantation programme				
Detail of year wise break up of requirement of funds as under:-					
S.N.	Particulars including soil & Moisture conservation.	Qty in hectares	Rate in Rs. (per hect.)	Amount	Remarks.
1.	Compensatory afforestation (1100 plants/hac.) with RCC Fence Post and 4-strand Barbed wire fencing.				
	Fencing	3.88	29200		113296
	Planting	3.88	34000		131920
	Total				245216
2.	Maintenance				
	1st Year	3.88	6850		26578
	2nd Year	3.88	4600		17848
	3rd Year to 10th year maintenance	3.88	2400		74496
	Total				118922
3.	Soil Conservation works	3.88	50000		194000
A	Grand Total 1to 3				558138
B	Contingencies charges @ 5%				27907
C	Departmental charges @ 17.5%				97674
D	GST on cost of fence post (Total fence post=233x@300=69900x18%=12582/-				12582
E	Nursery cost @4268x23 plants				98164
F	Cost of trees for maintenance @ 70% of original planted plants@ 1100x3.88=4268x70%=2988x23=68724/-				68724
	Total amount for 2.67 hect. CA Scheme (A+B+C+D+E+F)				863189
Technical Detail					
Technical detail of compensatory afforestation is as under					
a)	General detail			The area shall be closed to	

		improve vegetation cover in the locality to enhance the moisture and water table.		
b)	Spacement	3mx3m		
c)	Species	Broad leave.		
d)	Plantation method	Pit digging.		
e)	Soil & moisture conservation works	Work shall be carried out for the same.		
f)	Protection	Fencing & people participation.		
g)	Proposed Monitoring Mechanism	As per guidelines.		
h)	Any other information	-Nil-		
Note:	Rate of fence post has been charged Rs.300/- per fence post as fixed by Pr.CCF,H.P. vide letter No., Ft.48-66/2016(FCA) dated 24 th June 2017. Thus the amount is calculated accordingly as under.			
(i)				
Area in ha.	Fence Post per hect.	Total fence post is to be used at the time of planting.	Cost of fence post	Total amount
3.88	60	233	300/-	69900/-
Note: (ii)	GST on Cost of fence post @ 18%.	69900x18%=8640		12582/-

Place:-Mandi
Dated: 6.3.2019

[Signature]
Mandi

[Signature]
(S.S.Kashyap)HPFS,
Divisional Forest Officer,
Mandi Forest Division,Mandi.

Approved

[Signature]
Chief Conservator of Forests (T)
Forest Circle, Mandi (H.P.)

CHECK LIST SERIAL NO.17.					
SCHEME FOR COMPENSATORY AFFORESTATION 7 TO 10 YEARS					
DETAIL SCHEME FOR COMPENSATORY AFFORESTATION IN 3.56 HECTARE TO BE CARRIED OUT IN LIEU OF 1.78 HECTARE OF AREA TO BE DIVERTED FOR THE CONSTRUCTION OF THANA PLOUN HEP (191 MW) IN FAVOUR OF HPPCL					
Detail of degraded forest/Non Forest land			Non Forest land.		
District			Mandi.		
Tehsil			Sadar		
Name of Division			Mandi		
Area to be afforested			3.56		
S.No.	Name of Forest Range	Block	Name of Muhal	Area in ha.	Survey sheet No.
1.	Mandi	Sadar	Jhal	3.56	H43E14
2.	Description of Area				
(i)	Whether the site selected for CA in land bank or not				No.
ii)	If the CA site is other than land bank, reason be given				-
iii)	In case of non forest area identified for CA than what is the adjoining forest boundary				-
iv)	Soil type				Sandy loam.
v)	Topography a) Hilly/Universal/Plain				Hilly.
vi)	b) Slope, Steep/Medium/Gentle				Medium.
vii)	Whether the area is bearing any root stock of vegetation				Bushes.
3.	Plantation Model:- Copy of approved compensatory afforestation				Attached.
4.	Schedule of Plantation programme				
Detail of year wise break up of requirement of funds as under:-					
S.N.	Particulars including soil & Moisture conservation.	Qty in hectares	Rate in Rs. (per hect.)	Amount	Remarks.
1.	Compensatory afforestation (1100 plants/hac.) with RCC Fence Post and 4-strand Barbed wire fencing.				
	Fencing	3.56	29200		103952
	Planting	3.56	34000		121040
	Total				224992
2.	Maintenance				
	1 st Year	3.56	6850		24386
	2 nd Year	3.56	4600		16376
	3 rd Year to 10 th year maintenance	3.56	2400		68352
	Total				109114
3.	Soil Conservation works	3.56	50000		178000
A	Grand Total 1 to 3				512106
B	Contingencies charges @ 5%				25605
C	Departmental charges @ 17.5%				89619
D	GST on cost of fence post (Total fence post=214@300=64200x18%=11556/-				11556
E	Nursery cost @3916x23 plants				90068
F	Cost of trees for maintenance @ 70% of original planted plants@ 1100x3.56=3916x70%=2741x23=63043/-				63043
	Total amount for 3.56 hect. CA Scheme (A+B+C+D+E+F)				791997
Technical Detail					
Technical detail of compensatory afforestation is as under					
a)	General detail			The area shall be closed to improve vegetation cover in	

		the locality to enhance the moisture and water table.		
b)	Spacement	3mx3m		
c)	Species	Broad leave.		
d)	Plantation method	Pit digging.		
e)	Soil & moisture conservation works	Work shall be carried out for the same.		
f)	Protection	Fencing	&	people participation.
g)	Proposed Monitoring Mechanism	As per guidelines.		
h)	Any other information	-Nil-		
Note: (i)	Rate of fence post has been charged Rs.300/- per fence post as fixed byt Pr.CCF,H.P. vide letter No., Ft.48-66/2016(FCA) dated 24 th June 2017. Thus the amount is calculated accordingly as under.			
Area in ha.	Fence Post per hect.	Total fence post is to be used at the time of planting.	Cost of fence post	Total amount
3.56	60	214	300/-	64200/-
Note: (ii)	GST on Cost of fence post @ 18%.	64200x18%=11556		11556/-

Place:-Mandi
Dated: 6.3.2019

[Signature]
S.S. Kashyap

[Signature]
(S.S. Kashyap) HPFS,
Divisional Forest Officer,
Mandi Forest Division, Mandi.

Approved

[Signature]
Chief Conservator of Forests (T)
Forest Circle, Mandi (H.P.)

CHECK LIST SERIAL NO.17.					
SCHEME FOR COMPENSATORY AFFORESTATION 7 TO 10 YEARS					
DETAIL SCHEME FOR COMPENSATORY AFFORESTATION IN 7.93 HECTARE TO BE CARRIED OUT IN LIEU OF 3.965 HECTARE OF AREA TO BE DIVERTED FOR THE CONSTRUCTION OF THANA PLOUN HEP (191 MW) IN FAVOUR OF HPPCL					
Detail of degraded forest/Non Forest land			Non Forest land.		
District			Mandi.		
Tehsil			Sadar		
Name of Division			Mandi		
Area to be afforested			7.93		
S.No.	Name of Forest Range	Block	Name of Muhal	Area in ha.	Survey sheet No.
1.	Kataula	Bagi	Halgarh.	7.93	H43F1
2.	Description of Area				
(i)	Whether the site selected for CA in land bank or not				No.
(ii)	If the CA site is other than land bank, reason be given				-
(iii)	In case of non forest area identified for CA than what is the adjoining forest boundary				-
(iv)	Soil type				Sandy loam.
(v)	Topography a) Hilly/Universal/Plain				Hilly.
(vi)	b) Slope, Steep/Medium/Gentle				Medium.
(vii)	Whether the area is bearing any root stock of vegetation				Bushes.
3.	Plantation Model:- Copy of approved compensatory afforestation				Attached.
4.	Schedule of Plantation programme				
Detail of year wise break up of requirement of funds as under:-					
S.N.	Particulars including soil & Moisture conservation.	Qty in hectares	Rate in Rs. (per hect.)	Amount	Remarks.
1.	Compensatory afforestation (1100 plants/hac.) with RCC Fence Post and 4-strand Barbed wire fencing.				
	Fencing	7.93	29200		231556
	Planting	7.93	34000		269620
Total					501176
2.	Maintenance				
	1 st Year	7.93	6850		54320
	2 nd Year	7.93	4600		36478
	3 rd Year to 10 th year maintenance	7.93	2400		152256
Total					243054
3.	Soil Conservation works	7.93	50000		396500
A	Grand Total 1 to 3				1140730
B	Contingencies charges @ 5%				57036
C	Departmental charges @ 17.5%				199628
D	GST on cost of fence post (Total fence post=476x@300=142800x18%=25704/-				25704
E	Nursery cost @8723x23 plants				200629
F	Cost of trees for maintenance @ 70% of original planted plants@ 1100x7.93=8723x70%=6106x23=140438/-				140438
Total amount for 7.93 hect. CA Scheme (A+B+C+D+E+F)					1764165
Technical Detail					
Technical detail of compensatory afforestation is as under					
a)	General detail			The area shall be closed to improve vegetation cover in	

		the locality to enhance the moisture and water table.		
b)	Spacement	3mx3m		
c)	Species	Broad leave.		
d)	Plantation method	Pit digging.		
e)	Soil & moisture conservation works	Work shall be carried out for the same.		
f)	Protection	Fencing & people participation.		
g)	Proposed Monitoring Mechanism	As per guidelines.		
h)	Any other information	-Nil-		
Note:	Rate of fence post has been charged Rs.300/- per fence post as fixed byt Pr.CCF,H.P. vide letter No., Ft.48-66/2016(FCA) dated 24 th June 2017. Thus the amount is calculated accordingly as under.			
(i)				
Area in ha.	Fence Post per hect.	Total fence post is to be used at the time of planting.	Cost of fence post	Total amount
7.93	60	476	300/-	142800/-
Note: (ii)	GST on Cost of fence post @ 18%.	142800x18%=25704		25704/-

Place:-Mandi
Dated: 6.3.2019



(S.S.Kashyap)HPFS,
Divisional Forest Officer,
Mandi Forest Division,Mandi.

Approved



Chief Conservator of Forests (T)
Forest Circle, Mandi (H.P.)

CHECK LIST SERIAL NO.17.

SCHEME FOR COMPENSATORY AFFORESTATION 7 TO 10 YEARS

DETAIL SCHEME FOR COMPENSATORY AFFORESTATION IN 3.40 HECTARE TO BE CARRIED OUT IN LIEU OF 1.70 HECTARE OF AREA TO BE DIVERTED FOR THE CONSTRUCTION OF THANA PLOUN HEP (191 MW) IN FAVOUR OF HPPCL

Detail of degraded forest/Non Forest land			Non Forest land.		
District			Mandi.		
Tehsil			Sadar		
Name of Division			Mandi		
Area to be afforested			3.40		
S.No.	Name of Forest Range	Block	Name of Muhal	Area in ha.	Survey sheet No.
1.	Drang	Drang	Bro gla	3.40	H43E13
2.	Description of Area				
(i)	Whether the site selected for CA in land bank or not				No.
ii)	If the CA site is other than land bank, reason be given				-
iii)	In case of non forest area identified for CA than what is the adjoining forest boundary				-
iv)	Soil type				Sandy loam.
v)	Topography a) Hilly/Universal/Plain				Hilly.
vi)	b) Slope, Steep/Medium/Gentle				Medium.
vii)	Whether the area is bearing any root stock of vegetation				Bushes.
3.	Plantation Model:- Copy of approved compensatory afforestation				Attached.
4.	Schedule of Plantation programme				
Detail of year wise break up of requirement of funds as under:-					
S.N.	Particulars including soil & Moisture conservation.	Qty in hectares	Rate in Rs. (per hect.)	Amount	Remarks.
1.	Compensatory afforestation (1100 plants/hac.) with RCC Fence Post and 4-strand Barbed wire fencing.				
	Fencing	3.40	29200		99280
	Planting	3.40	34000		115600
	Total				214880
2.	Maintenance				
	1 st Year	3.40	6850		23290
	2 nd Year	3.40	4600		15640
	3 rd Year to 10 th year maintenance	3.40	2400		65280
	Total				104210
3.	Soil Conservation works	3.40	50000		170000
A	Grand Total 1 to 3				489090
B	Contingencies charges @ 5%				24454
C	Departmental charges @ 17.5%				85591
D	GST on cost of fence post (Total fence post=204@300=61200x18%=11016/-				11016
E	Nursery cost @3740x23 plants				86020
F	Cost of trees for maintenance @ 70% of original planted plants@ 1100x3.40=3740x70%=2618x23=60214/-				60214
	Total amount for 3.40 hect. CA Scheme (A+B+C+D+E+F)				756385
Technical Detail					
Technical detail of compensatory afforestation is as under					
a)	General detail			The area shall be closed to improve vegetation cover in	

		the locality to enhance the moisture and water table.		
b)	Spacement	3mx3m		
c)	Species	Broad leave.		
d)	Plantation method	Pit digging.		
e)	Soil & moisture conservation works	Work shall be carried out for the same.		
f)	Protection	Fencing participation.	&	people
g)	Proposed Monitoring Mechanism	As per guidelines.		
h)	Any other information	-Nil-		
Note:	Rate of fence post has been charged Rs.300/- per fence post as fixed byt Pr.CCF,H.P.			
(i)	vide letter No., Ft.48-66/2016(FCA) dated 24 th June 2017. Thus the amount is calculated accordingly as under.			
Area in ha.	Fence Post per hect.	Total fence post is to be used at the time of planting.	Cost of fence post	Total amount
3.40	60	204	300/-	61200/-
Note: (ii)	GST on Cost of fence post @ 18%.	61200x18%=11016		11016/-

Place:-Mandi
Dated: 6.3.2019

(S.S.Kashyap)HPFS,
Divisional Forest Officer,
Mandi Forest Division,Mandi.

Approved

Chief Conservator of Forests (T)
Forest Circle, Mandi (H.P.)

CHECK LIST SERIAL NO.17.					
SCHEME FOR COMPENSATORY AFFORESTATION 7 TO 10 YEARS					
DETAIL SCHEME FOR COMPENSATORY AFFORESTATION IN 5.58 HECTARE TO BE CARRIED OUT IN LIEU OF 2.79 HECTARE OF AREA TO BE DIVERTED FOR THE CONSTRUCTION OF THANA PLOUN HEP (191 MW) IN FAVOUR OF HPPCL					
Detail of degraded forest/Non Forest land			Non Forest land.		
District			Mandi.		
Tehsil			Sadar		
Name of Division			Mandi		
Area to be afforested			5.58		
S.No.	Name of Forest Range	Block	Name of Muhal	Area in ha.	Survey sheet No.
1.	Drang	Drang	Basa	5.58	H43E13
2.	Description of Area				
(i)	Whether the site selected for CA in land bank or not				No.
ii)	If the CA site is other than land bank, reason be given				-
iii)	In case of non forest area identified for CA than what is the adjoining forest boundary				-
iv)	Soil type				Sandy loam.
v)	Topography a) Hilly/Universal/Plain				Hilly.
vi)	b) Slope, Steep/Medium/Gentle				Medium.
vii)	Whether the area is bearing any root stock of vegetation				Bushes.
3.	Plantation Model:- Copy of approved compensatory afforestation				Attached.
4.	Schedule of Plantation programme				
Detail of year wise break up of requirement of funds as under:-					
S.N.	Particulars including soil & Moisture conservation.	Qty in hectares	Rate in Rs. (per hect.)	Amount	Remarks.
1.	Compensatory afforestation (1100 plants/hac.) with RCC Fence Post and 4-strand Barbed wire fencing.				
	Fencing	5.58	29200	162936	
	Planting	5.58	34000	189720	
Total				352656	
2.	Maintenance				
	1 st Year	5.58	6850	38223	
	2 nd Year	5.58	4600	25668	
	3 rd Year to 10 th year maintenance	5.58	2400	107136	
Total				171027	
3.	Soil Conservation works	5.58	50000	279000	
A	Grand Total 1 to 3			802683	
B	Contingencies charges @ 5%			40134	
C	Departmental charges @ 17.5%			140469	
D	GST on cost of fence post (Total fence post=335@300=100500x18%=18090/-			18090	
E	Nursery cost @6138x23 plants			141174	
F	Cost of trees for maintenance @ 70% of original planted plants@ 1100x5.58=6138x70%=4297x23=98831/-			98831	
Total amount for 3.40 hect. CA Scheme (A+B+C+D+E+F)				1241381	
Technical Detail					
Technical detail of compensatory afforestation is as under					
a)	General detail			The area shall be closed to improve vegetation cover in	

		the locality to enhance the moisture and water table.
b)	Spacement	3mx3m
c)	Species	Broad leave.
d)	Plantation method	Pit digging.
e)	Soil & moisture conservation works	Work shall be carried out for the same.
f)	Protection	Fencing & people participation.
g)	Proposed Monitoring Mechanism	As per guidelines.
h)	Any other information	-Nil-
Note: Rate of fence post has been charged Rs.300/- per fence post as fixed by Pr.CCF,H.P. vide letter No., Ft.48-66/2016(FCA) dated 24 th June 2017. Thus the amount is calculated accordingly as under.		
Area in ha.	Fence Post per hect.	Total fence post is to be used at the time of planting.
5.58	60	335
		Cost of fence post
		300/-
		Total amount
		100500/-
Note: (ii)	GST on Cost of fence post @ 18%.	100500x18%=18090
		18090/-

Place:-Mandi
Dated: 6.3.2019

S.S. Kashyap

(S.S.Kashyap)HPFS,
Divisional Forest Officer,
Mandi Forest Division,Mandi.

Approved

Chief Conservator of Forests (T)
Forest Circle, Mandi (H.P.)

399

CHECK LIST SERIAL NO.17.					
SCHEME FOR COMPENSATORY AFFORESTATION 7 TO 10 YEARS					
DETAIL SCHEME FOR COMPENSATORY AFFORESTATION IN 25.56 HECTARE TO BE CARRIED OUT IN LIEU OF 12.78 HECTARE OF AREA TO BE DIVERTED FOR THE CONSTRUCTION OF THANA PLOUN HEP (191 MW) IN FAVOUR OF HPPCL					
Detail of degraded forest/Non Forest land			Non Forest land.		
District			Mandi.		
Tehsil			Sadar		
Name of Division			Mandi		
Area to be afforested			25.56		
S.No.	Name of Forest Range	Block	Name of Muhal	Area in ha.	Survey sheet No.
1.	Panarsa	Shiva Badar	Banaul.	25.56	H43F2
2.	Description of Area				
(i)	Whether the site selected for CA in land bank or not				No.
(ii)	If the CA site is other than land bank, reason be given				-
(iii)	In case of non forest area identified for CA than what is the adjoining forest boundary				-
(iv)	Soil type				Sandy loam.
(v)	Topography a) Hilly/Universal/Plain				Hilly.
(vi)	b) Slope, Steep/Medium/Gentle				Medium.
(vii)	Whether the area is bearing any root stock of vegetation				Bushes.
3.	Plantation Model:- Copy of approved compensatory afforestation				Attached.
4.	Schedule of Plantation programme				
Detail of year wise break up of requirement of funds as under:-					
S.N.	Particulars including soil & Moisture conservation.	Qty in hectares	Rate in Rs. (per hect.)	Amount	Remarks.
1.	Compensatory afforestation (1100 plants/hac.) with RCC Fence Post and 4-strand Barbed wire fencing.				
	Fencing	25.56	29200		746352
	Planting	25.56	34000		869040
	Total				1615392
2.	Maintenance				
	1 st Year	25.56	6850		175086
	2 nd Year	25.56	4600		117576
	3 rd Year to 10 th year maintenance	25.56	2400		490752
	Total				783414
3.	Soil Conservation works	25.56	50000		1278000
A	Grand Total 1 to 3				3676806
B	Contingencies charges @ 5%				183840
C	Departmental charges @ 17.5%				643441
D	GST on cost of fence post (Total fence post=1534x@300=460200x18%=82836/-				82836
E	Nursery cost @28116x23 plants				646668
F	Cost of trees for maintenance @ 70% of original planted plants@ 1100x25.56=28116x70%=19681x23=452663/-				452663
	Total amount for 7.93 hect. CA Scheme (A+B+C+D+E+F)				5686254
Technical Detail					
Technical detail of compensatory afforestation is as under					
a)	General detail			The area shall be closed to improve vegetation cover in	

485

		the locality to enhance the moisture and water table.			
b)	Spacement	3mx3m			
c)	Species	Broad leave.			
d)	Plantation method	Pit digging.			
e)	Soil & moisture conservation works	Work shall be carried out for the same.			
f)	Protection	Fencing	& people participation.		
g)	Proposed Monitoring Mechanism	As per guidelines.			
h)	Any other information	-Nil-			
Note:	Rate of fence post has been charged Rs.300/- per fence post as fixed byt Pr.CCF,H.P. vide letter No., Ft.48-66/2016(FCA) dated 24 th June 2017. Thus the amount is calculated accordingly as under.				
Area in ha.		Fence Post per hect.	Total fence post is to be used at the time of planting.	Cost of fence post	Total amount
25.56		60	1534	300/-	460200/-
Note: (ii)		GST on Cost of fence post @ 18%.	460200x18%=82836		82836/-

Place:-Mandi
Dated: 6.3.2019

Approved

(S.S.Kashyap)HPFS,
Divisional Forest Officer,
Mandi Forest Division,Mandi.

Chief Conservator of Forests (T)
Forest Circle, Mandi (H.P.)

CHECK LIST SERIAL NO.17.					
SCHEME FOR COMPENSATORY AFFORESTATION 7 TO 10 YEARS					
DETAIL SCHEME FOR COMPENSATORY AFFORESTATION IN 78.64 HECTARE TO BE CARRIED OUT IN LIEU OF 39.32 HECTARE OF AREA TO BE DIVERTED FOR THE CONSTRUCTION OF THANA PLOUN HEP (191 MW) IN FAVOUR OF HPPCL					
Detail of degraded forest/Non Forest land			Non Forest land.		
District			Mandi.		
Tehsil			Sadar		
Name of Division			Mandi		
Area to be afforested			78.64		
S.No.	Name of Forest Range	Block	Name of Muhal	Area in ha.	Survey sheet No.
1.	Kataula	Kataula & Bagi	Badaun.	78.64	H43F1
2.	Description of Area				
(i)	Whether the site selected for CA in land bank or not				No.
ii)	If the CA site is other than land bank, reason be given				-
iii)	In case of non forest area identified for CA than what is the adjoining forest boundary				-
iv)	Soil type				Sandy loam.
v)	Topography a) Hilly/Universal/Plain				Hilly.
vi)	b) Slope, Steep/Medium/Gentle				Medium.
vii)	Whether the area is bearing any root stock of vegetation				Bushes.
3.	Plantation Model:- Copy of approved compensatory afforestation				Attached.
4.	Schedule of Plantation programme				
Detail of year wise break up of requirement of funds as under:-					
S.N.	Particulars including soil & Moisture conservation.	Qty in hectares	Rate in Rs. (per hect.)	Amount	Remarks.
1.	Compensatory afforestation (1100 plants/hac.) with RCC Fence Post and 4-strand Barbed wire fencing.				
	Fencing	78.64	29200		2296288
	Planting	78.64	34000		2673760
	Total				4970048
2.	Maintenance				
	1 st Year	78.64	6850		538684
	2 nd Year	78.64	4600		361744
	3 rd Year to 10 th year maintenance	78.64	2400		1509888
	Total				2410316
3.	Soil Conservation works	78.64	50000		3932000
A	Grand Total 1 to 3				11312364
B	Contingencies charges @ 5%				565618
C	Departmental charges @ 17.5%				1979664
D	GST on cost of fence post (Total fence post=4718x@300=1415400x18%=254772/-				254772
E	Nursery cost @86504x23 plants				1989592
F	Cost of trees for maintenance @ 70% of original planted plants@ 1100x78.64=86504x70%=60553x23=1392719/-				1392719
	Total amount for 78.64 hect. CA Scheme (A+B+C+D+E+F)				17494729
Technical Detail					
Technical detail of compensatory afforestation is as under					
a)	General detail			The area shall be closed to improve vegetation cover in	

		the locality to enhance the moisture and water table.		
b)	Spacement	3mx3m		
c)	Species	Broad leave.		
d)	Plantation method	Pit digging.		
e)	Soil & moisture conservation works	Work shall be carried out for the same.		
f)	Protection	Fencing & people participation.		
g)	Proposed Monitoring Mechanism	As per guidelines.		
h)	Any other information	-Nil-		
Note: (i)	Rate of fence post has been charged Rs.300/- per fence post as fixed byt Pr.CCF,H.P. vide letter No., Ft.48-66/2016(FCA) dated 24 th June 2017. Thus the amount is calculated accordingly as under.			
Area in ha.	Fence Post per hect.	Total fence post is to be used at the time of planting.	Cost of fence post	Total amount
78.64	60	4718	300/-	1415400
Note: (ii)	GST on Cost of fence post @ 18%.	1415400-x18%=254772		254772

Place:-Mandi
Dated: 1.3.2019

Approved

Chief Conservator of Forests (T)
Forest Circle, Mandi (H.P.)

(S.S.Kashyap)HPFS,
Divisional Forest Officer,
Mandi Forest Division,Mandi.

403

CHECK LIST SERIAL NO.17.					
SCHEME FOR COMPENSATORY AFFORESTATION 7 TO 10 YEARS					
DETAIL SCHEME FOR COMPENSATORY AFFORESTATION IN 106.63 HECTARE TO BE CARRIED OUT IN LIEU OF 53.315 HECTARE OF AREA TO BE DIVERTED FOR THE CONSTRUCTION OF THANA PLOUN HEP (191 MW) IN FAVOUR OF HPPCL					
Detail of degraded forest/Non Forest land			Non Forest land.		
District			Mandi.		
Tehsil			Sadar		
Name of Division			Mandi		
Area to be afforested			106.63		
S.No.	Name of Forest Range	Block	Name of Muhal	Area in ha.	Survey sheet No.
1.	Kataula	Kataula	Bodan Dhar.	106.63	H43F1
2.	Description of Area				
(i)	Whether the site selected for CA in land bank or not				No.
(ii)	If the CA site is other than land bank, reason be given				-
(iii)	In case of non forest area identified for CA than what is the adjoining forest boundary				-
(iv)	Soil type				Sandy loam.
(v)	Topography a) Hilly/Universal/Plain				Hilly.
(vi)	b) Slope, Steep/Medium/Gentle				Medium.
(vii)	Whether the area is bearing any root stock of vegetation				Bushes.
3.	Plantation Model:- Copy of approved compensatory afforestation				Attached.
4.	Schedule of Plantation programme				
Detail of year wise break up of requirement of funds as under:-					
S.N.	Particulars including soil & Moisture conservation.	Qty in hectares	Rate in Rs. (per hect.)	Amount	Remarks.
1.	Compensatory afforestation (1100 plants/hac.) with RCC Fence Post and 4-strand Barbed wire fencing.				
	Fencing	106.63	29200		3113596
	Planting	106.63	34000		3625420
	Total				6739016
2.	Maintenance				
	1st Year	106.63	6850		730416
	2nd Year	106.63	4600		490498
	3rd Year to 10th year maintenance	106.63	2400		2047296
	Total				3268210
3.	Soil Conservation works	106.63	50000		5331500
A	Grand Total 1to 3				15338726
B	Contingencies charges @ 5%				766936
C	Departmental charges @ 17.5%				2684277
D	GST on cost of fence post (Total fence post=6398x@300=1919400x18%=345492/-				345492
E	Nursery cost @117293x23 plants				2697739
F	Cost of trees for maintenance @ 70% of original planted plants@ 1100x106.63=117293x70%=82105x23=1888415/-				1888415
	Total amount for 106.63 hect. CA Scheme (A+B+C+D+E+F)				23721585
Technical Detail					
Technical detail of compensatory afforestation is as under					
a)	General detail		The area shall be closed to		

404

		improve vegetation cover in the locality to enhance the moisture and water table.		
b)	Spacement	3mx3m		
c)	Species	Broad leave.		
d)	Plantation method	Pit digging.		
e)	Soil & moisture conservation works	Work shall be carried out for the same.		
f)	Protection	Fencing & people participation.		
g)	Proposed Monitoring Mechanism	As per guidelines.		
h)	Any other information	-Nil-		
Note:	Rate of fence post has been charged Rs.300/- per fence post as fixed byt Pr.CCF,H.P.			
(i)	vide letter No., Ft.48-66/2016(FCA) dated 24 th June 2017. Thus the amount is calculated accordingly as under.			
Area in ha.	Fence Post per hect.	Total fence post is to be used at the time of planting.	Cost of fence post	Total amount
106.63	60	6398	300/-	1919400
Note: (ii)	GST on Cost of fence post @ 18%.	1919400-x18%=345492		345492

Place:-Mandi
Dated: 1.3.2019



(S.S.Kashyap)HPFS,
Divisional Forest Officer,
Mandi Forest Division,Mandi.

Approved



Chief Conservator of Forests (T)
Forest Division, Mandi (H.P.)

405 ②

CHECK LIST SERIAL NO.17.					
SCHEME FOR COMPENSATORY AFFORESTATION 7 TO 10 YEARS					
DETAIL SCHEME FOR COMPENSATORY AFFORESTATION IN 21.84 HECTARE TO BE CARRIED OUT IN LIEU OF 10.92 HECTARE OF AREA TO BE DIVERTED FOR THE CONSTRUCTION OF THANA PLOUN HEP (191 MW) IN FAVOUR OF HPPCL					
Detail of degraded forest/Non Forest land			Non Forest land.		
District			Mandi.		
Tehsil			Sadar		
Name of Division			Mandi		
Area to be afforested			21.84		
S.No.	Name of Forest Range	Block	Name of Muhal	Area in ha.	Survey sheet No.
1.	Kataula	Kataula	Arnehad.	21.84	H43F1
2.	Description of Area				
(i)	Whether the site selected for CA in land bank or not				No.
(ii)	If the CA site is other than land bank, reason be given				-
(iii)	In case of non forest area identified for CA than what is the adjoining forest boundary				-
(iv)	Soil type				Sandy loam.
(v)	Topography a) Hilly/Universal/Plain				Hilly.
(vi)	b) Slope, Steep/Medium/Gentle				Medium.
(vii)	Whether the area is bearing any root stock of vegetation				Bushes.
3.	Plantation Model:- Copy of approved compensatory afforestation				Attached.
4.	Schedule of Plantation programme				
Detail of year wise break up of requirement of funds as under:-					
S.N.	Particulars including soil & Moisture conservation.	Qty in hectares	Rate in Rs. (per hect.)	Amount	Remarks.
1.	Compensatory afforestation (1100 plants/hac.) with RCC Fence Post and 4-strand Barbed wire fencing.				
	Fencing	21.84	29200		637728
	Planting	21.84	34000		742560
	Total				1380288
2.	Maintenance				
	1 st Year	21.84	6850		149604
	2 nd Year	21.84	4600		100464
	3 rd Year to 10 th year maintenance	21.84	2400		419328
	Total				669396
3.	Soil Conservation works	21.84	50000		1092000
A	Grand Total 1to 3				3141684
B	Contingencies charges @ 5%				157084
C	Departmental charges @ 17.5%				549795
D	GST on cost of fence post (Total fence post=1310x@300=393000x18%=70740/-				70740
E	Nursery cost @24024x23 plants				552552
F	Cost of trees for maintenance @ 70% of original planted plants@ 1100x21.84=24024x70%=16817x23=386791/-				386791
	Total amount for 47.08 hect. CA Scheme (A+B+C+D+E+F)				4858646
Technical Detail					
Technical detail of compensatory afforestation is as under					
a)	General detail		The area shall be closed to		

		improve vegetation cover in the locality to enhance the moisture and water table.		
b)	Spacement	3mx3m		
c)	Species	Broad leave.		
d)	Plantation method	Pit digging.		
e)	Soil & moisture conservation works	Work shall be carried out for the same.		
f)	Protection	Fencing & people participation.		
g)	Proposed Monitoring Mechanism	As per guidelines.		
h)	Any other information	-Nil-		
Note:	Rate of fence post has been charged Rs.300/- per fence post as fixed byt Pr.CCF,H.P. vide letter No., Ft.48-66/2016(FCA) dated 24 th June 2017. Thus the amount is calculated accordingly as under.			
(i)				
Area in ha.	Fence Post per hect.	Total fence post is to be used at the time of planting.	Cost of fence post	Total amount
21.84	60	1310	300/-	393000/-
Note: (ii)	GST on Cost of fence post @ 18%.	393000x18%=70740		70740/-

Place:-Mandi
Dated: 6.3.2019


(S.S.Kashyap)HPFS,
Divisional Forest Officer,
Mandi Forest Division,Mandi.

Approved


Chief Conservator of Forests (T)
Forest Circle Mandi (H.P.)

407

②

CHECK LIST SERIAL NO.17.						
SCHEME FOR COMPENSATORY AFFORESTATION 7 TO 10 YEARS						
DETAIL SCHEME FOR COMPENSATORY AFFORESTATION IN 4.53 HECTARE TO BE CARRIED OUT IN LIEU OF 2.265 HECTARE OF AREA TO BE DIVERTED FOR THE CONSTRUCTION OF THANA PLOUN HEP (191 MW) IN FAVOUR OF HPPCL						
Detail of degraded forest/Non Forest land			Non Forest land.			
District			Mandi.			
Tehsil			Sadar			
Name of Division			Mandi			
Area to be afforested			4.53			
S.No.	Name of Forest Range	Block	Name of Muhal	Area in ha.	Survey sheet No.	
1.	Drang	Drang	Aran	4.53	H43E13	
2.	Description of Area					
(i)	Whether the site selected for CA in land bank or not				No.	
(ii)	If the CA site is other than land bank, reason be given				-	
(iii)	In case of non forest area identified for CA than what is the adjoining forest boundary				-	
(iv)	Soil type				Sandy loam.	
(v)	Topography a) Hilly/Universal/Plain				Hilly.	
(vi)	b) Slope, Steep/Medium/Gentle				Medium.	
(vii)	Whether the area is bearing any root stock of vegetation				Bushes.	
3.	Plantation Model:- Copy of approved compensatory afforestation				Attached.	
4.	Schedule of Plantation programme					
Detail of year wise break up of requirement of funds as under:-						
S.N.	Particulars including soil & Moisture conservation.		Qty in hectares	Rate in Rs. (per hect.)	Amount	Remarks.
1.	Compensatory afforestation (1100 plants/hac.) with RCC Fence Post and 4-strand Barbed wire fencing.					
	Fencing		4.53	29200		132276
	Planting		4.53	34000		154020
	Total					286296
2.	Maintenance					
	1 st Year		4.53	6850		31030
	2 nd Year		4.53	4600		20838
	3 rd Year to 10 th year maintenance		4.53	2400		86976
	Total					138844
3.	Soil Conservation works		4.53	50000		226500
A	Grand Total 1 to 3					651640
B	Contingencies charges @ 5%					32582
C	Departmental charges @ 17.5%					114037
D	GST on cost of fence post (Total fence post=272x@300=81600x18%=14688/-)					14688
E	Nursery cost @4983x23 plants					114609
F	Cost of trees for maintenance @ 70% of original planted plants@ 1100x4.53=4983x70%=3488x23=80224/-					80224
	Total amount for 2.67 hect. CA Scheme (A+B+C+D+E+F)					1007780
Technical Detail						
Technical detail of compensatory afforestation is as under						
a)	General detail			The area shall be closed to		

		improve vegetation cover in the locality to enhance the moisture and water table.			
b)	Spacement	3mx3m			
c)	Species	Broad leave.			
d)	Plantation method	Pit digging.			
e)	Soil & moisture conservation works	Work shall be carried out for the same.			
f)	Protection	Fencing & people participation.			
g)	Proposed Monitoring Mechanism	As per guidelines.			
h)	Any other information	-Nil-			
Note:	Rate of fence post has been charged Rs.300/- per fence post as fixed byt Pr.CCF,H.P. vide letter No., Ft.48-66/2016(FCA) dated 24 th June 2017. Thus the amount is calculated accordingly as under.				
	Area in ha.	Fence Post per hect.	Total fence post is to be used at the time of planting.	Cost of fence post	Total amount
	4.53	60	272	300/-	81600/-
Note: (ii)		GST on Cost of fence post @ 18%.	81600x18%=14688		14688/-

Place:-Mandi
Dated: 6.3.2019

(S.S.Kashyap)HPFS,
Divisional Forest Officer,
Mandi Forest Division,Mandi.

Approved

Chief Conservator of Forests (T)
Forest Circle, Mandi (H.P.)

“SCHEME FOR COMPENSATORY AFFORESTATION”

“SCHEME FOR COMPENSATORY AFFORESTATION”

Detail scheme for compensatory Afforestation to be carried out in lieu of forest area to be diverted for the C/O Thana Plaun (191 MW) in Distt. Mandi with in the jurisdiction of Suket Forest Division, Sundernagar in Mandi District.

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

District	Mandi	Village	Hafwana
Tehsil	Sundernagar		
Name of Division	Suket	Range	Jai Devi
Block/Compartment/Survey No. Khasra No. 228 & 266 of Muhal Hafwana.			
Area to be afforested : 18 ha.			
2. Description of Area			
i. Whether the site selected for compensatory Afforestation is a land bank yes or not	Yes		
ii. If the CA site is other than land bank, reasons be :-	No		
iii. In case of non forest area identified for CA, then what is the distance of be given CA site form the adjoining forest boundary :-	Out side Forest area		
iv. Soil type :-	Sandy loam, Shallow		
v. Topography a. Hilly/Undulating/Plain :-	Hilly		
b. Slope:- Steep/Medium/Gentle :-	Steep		
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 breakup to be enclosed.

Contd.....2.....

4. Schedule of Plantation Programme

Detail of year wise breakup of requirement of funds is as under :-

Year	Area	Rate/h a.	Nursery cost	Total Amount
0 th Year (New Plantation)	18.0000 ha	60150	24200	1518300
1 st Year	18.0000 ha	6350	7260	244980
2 nd Year	18.0000 ha	4300	4840	164520
3 rd Year	18.0000 ha	2250	2420	84060
4 th Year	18.0000 ha	2250	2420	84060
5 th Year	18.0000 ha	2250	2420	84060
6 th Year	18.0000 ha	2250	2420	84060
7 th Year	18.0000 ha	2250	2420	84060
8 th Year	18.0000 ha	2250	2420	84060
9 th Year	18.0000 ha	2250	2420	84060
10 th Year	18.0000 ha	2250	2420	84060
Total C.A. Scheme				2600280

Departmental charges @ 17.5%

455049

Contegency charges @ 5%

130014


Total

3185343

2. Technical details

Technical details of Compensatory Afforestation Scheme are as follows :

- General Details : The area shall be closed to improve the vegetation cover in locality
- Spacement : 3X3 mtrs. Between pits & pits of size 45X45x45 cm & 30x30x30 cm size
- Species : Broad leave
- Plantation Method : Pit digging
- Soil and Moisture Conservation Works : Small scale engg.
- Protection : (Fencing, Watch man, People's Participation etc.)
- Proposed Monitoring , Mechanism : As per guidelines
- Any other information. : No.


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

CHECK LIST SERIAL NUMBER :- 17

“ SCHEME FOR COMPENSATORY AFFORESTATION ”

Detail scheme for compensatory Afforestation to be carried out in lieu of forest area to be diverted for the C/O Thana Plaun (191 MW) in Distt. Mandi with in the jurisdiction of Suket Forest Division, Sundernagar in Mandi District.

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

District	Mandi	Village	Hafwana
Tehsil	Sundernagar		
Name of Division	Suket	Range	Jai Devi

Block/Compartment/Survey No. Khasra No. 228 & 266 of Muhal Hafwana.

Area to be afforested : 18 ha.

2. Description of Area

i. Whether the site selected for compensatory Afforestation is a land bank yes or not Yes

ii. If the CA site is other than land bank, reasons be :- No

iii. In case of non forest area identified for CA, then what is the distance of be given CA site form the adjoining forest boundary :- Out side Forest area

iv. Soil type :- Sandy loam, Shallow

v. Topography a. Hilly/Undulating/Plain :- Hilly

b. Slope:- Steep/Medium/Gentle :- Steep

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 breakup to be enclosed.

Contd.....2.....

4. Schedule of Plantation Programme

Detail of year wise breakup of requirement of funds is as under :-

Year	Area	Rate/h a.	Nursery cost	Total Amount
0 th Year (New Plantation)	18.0000 ha	60150	24200	1518300
1 st Year	18.0000 ha	6350	7260	244980
2 nd Year	18.0000 ha	4300	4840	164520
3 rd Year	18.0000 ha	2250	2420	84060
4 th Year	18.0000 ha	2250	2420	84060
5 th Year	18.0000 ha	2250	2420	84060
6 th Year	18.0000 ha	2250	2420	84060
7 th Year	18.0000 ha	2250	2420	84060
8 th Year	18.0000 ha	2250	2420	84060
9 th Year	18.0000 ha	2250	2420	84060
10 th Year	18.0000 ha	2250	2420	84060
Total C.A. Scheme				2600280

Departmental charges @ 17.5%

455049

Contegency charges @ 5%

130014


Total

3185343

2. Technical details

Technical details of Compensatory Afforestation Scheme are as follows :

- General Details : The area shall be closed to improve the vegetation cover in locality
- Spacement : 3X3 mtrs. Between pits & pits of size 45X45x45 cm & 30x30x30 cm size
- Species : Broad leave
- Plantation Method : Pit digging
- Soil and Moisture Conservation Works : Small scale engg.
- Protection : (Fencing, Watch man, People's Participation etc.)
- Proposed Monitoring , Mechanism : As per guidelines
- Any other information. : No.


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

**FULL TITLE OF THE PROJECT: THANA PLAUN (191MW)
HYDROELECTRIC PROJECT**

PROPOSAL NO.: FP/HP/HYD/8255 /2014

DATE OF PROPOSAL: NOVEMBER 29TH,2014

CHECK LIST SERIAL NUMBER: -18

**(CERTIFICATE FROM THE DFO, THAT NON-FOREST LAND/FOREST LAND
SELECTED FOR COMPENSATORY AFFORESTATION IS IN A COMPACT
BLOCK AND CONTIGUOUS TO FOREST AREA OR IS IN CLOSE
PROXIMITY OF FOREST AREA AND SUITABLE RAISING PLANTATION
AND FROM THE MANAGEMENT AND PROTECTION POINT OF VIEW, AND
IS FREE FROM ALL SORTS OF ENCUMBRANCES AND ENCROACHMENTS)**

415

Full Title of the Project:

Diversion of 406.79 hect. of forest land in favor of Thana Plaun HEP(191MW), being constructed by M/s HPPCL within the jurisdiction of Joginder Nagar & Mandi Forest Divisions, Distt. Mandi, HP

"LAND SUITABILITY CERTIFICATE BY THE DFO CONCERNED"

This is to certify that 117.8 hectares of Non-Forest land bearing Survey No. H43F3, Khasra Nos. 25, 548, 552, 554, 546 in Muhal Jamnu, Forest Block Tatapani, Forest Range Pangna, Tehsil Karsog, Distt. Mandi, HP identify 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: Karsog

Date: 06-03-2019


Divisional Forest Officer,
Karsog Forest Division, HP.

Full Title of the Project:

u/s

Diversion of 406.79 hect. of forest land in favor of Thana Plaun HEP(191MW), being constructed by M/s HPPCL within the jurisdiction of Joginder Nagar & Mandi Forest Divisions, Distt. Mandi, HP

“LAND SUITABILITY CERTIFICATE BY THE DFO CONCERNED”

This is to certify that 78.47 hectares of Non-Forest land bearing Survey No. H43F3, Khasra Nos. 2, 88, 612, 964, 2205/611, 2229/2209/610 in Muhal Sawindhar, Forest Block Tattapani, Forest Range Pangna, Tehsil Karsog, Distt. Mandi, HP 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: Karsog

Date:

✓
**Divisional Forest Officer,
Karsog Forest Division, HP.**

Full Title of the Project:

Diversion of 406.79 hect. of forest land in favor of Thana Plaun HEP(191MW), being constructed by M/s HPPCL within the jurisdiction of Joginder Nagar & Mandi Forest Divisions, Distt. Mandi, HP

“LAND SUITABILITY CERTIFICATE BY THE DFO CONCERNED”

This is to certify that 11.73 hectares of Non-Forest land bearing Survey No. H43F3, Khasra No. 373 in Muhal Kot, Forest Block Tattapani, Forest Range Pangna, Tehsil Karsog, Distt. Mandi, HP 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: Karsog
Date:


**Divisional Forest Officer,
Karsog Forest Division, HP.**

Full title of the Project: Diversion of 406.79 hect of forest land in favour of HP Power Cor.Lts. for the Construction of Thana Plaun HEP (191 MW) within the jurisdiction of Joginder Nagar Forest Division, Distt. Mandi, HP.

CHECK LIST SERIAL NUMBER:18

"LAND SUITABILITY CERTIFICATE BY THE DFO CONCERNED"

This is to certify that 7.03 ha land bearing Survey No /H43F1 Khasra No. 738/718 in Muhal Ropapadhar , Forest Beat Harabagh, Forest Block Joginder Nagar, Forest Range Joginde Nagar, Tehsil Joginder Nagar, District Mandi HP 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: J/Nagar

Dated, 26/10/2019 ..


Divisional Forests Officer,
Forest Division, J/Nagar
Joginder Nagar (H.P.)

Office Seal

419

FULL TITLE OF PROJECT:- Diversion of 406.79 hectare of forest land for construction of Thana Plaun HEP (191 MW) under the jurisdiction of Mandi forest Division Distt. Mandi H.P.

CHECK SERIAL NO.18

LAND SUITABILITY CERTIFICATE BY THE DFO

(For the forest land to be diverted under FCA)

This is to certify that 20.47 ha Land bearing Survey No.H43F1, Muhal Suran, Bagi, Range Kataula, Tehsil Sadar District Mandi H.P. identified for compensatory afforestation is suitable for plantation from management point of view and is free from all sorts of encumbrances and encroachment.

Date:-14.10.2019

Place:- Mandi


Divisional Forest Officer
Forest Division Mandi (H.P.)

**Divisional Forest Officer,
Mandi Forest Division, Mandi H.P.
Official Seal_____**

FULL TITLE OF PROJECT:- Diversion of 406.79 hectare of forest land for construction of Thana Plaun HEP (191 MW) under the jurisdiction of Mandi forest Division Distt. Mandi H.P.

CHECK SERIAL NO.18

LAND SUITABILITY CERTIFICATE BY THE DFO

(For the forest land to be diverted under FCA)

This is to certify that 29.29 ha Land bearing Survey No.H43F1, Muhal Bambola, Bagi, Range Kataula, Tehsil Sadar District Mandi H.P. identified for compensatory afforestation is suitable for plantation from management point of view and is free from all sorts of encumbrances and encroachment.

Date:-14.10.2019

Place:- Mandi


Divisional Forest Officer
Forest Division Mandi (H.P.)

**Divisional Forest Officer,
Mandi Forest Division, Mandi H.P.
Official Seal**

FULL TITLE OF PROJECT:- Diversion of 406.79 hectare of forest land for construction of Thana Plaun HEP (191 MW) under the jurisdiction of Mandi forest Division Distt. Mandi H.P.

CHECK SERIAL NO.18


LAND SUITABILITY CERTIFICATE BY THE DFO

(For the forest land to be diverted under FCA)

This is to certify that 10.2 ha Land bearing Survey No.H43F1, Muhal Solang, Bagi, Range Kataula, Tehsil Sadar District Mandi H.P. identified for compensatory afforestation is suitable for plantation from management point of view and is free from all sorts of encumbrances and encroachment.

Date:-14.10.2019

Place:- Mandi


Divisional Forest Officer
Forest Division Mandi (H.P.)
Divisional Forest Officer,
Mandi Forest Division, Mandi H.P.
Official Seal

Full Title of the Project: Diversion of 406.79 ha. Of forest land for Thana Plaun HEP, (191) MW being constructed by M/s Himachal Pradesh Power Corporation Ltd.

File No. : _____

Date of Proposal: _____

CHECK LIST SERIAL NUMBER: 18

LAND SUITABILITY CERTIFICATE BY THE DFO

This is to certify that 8 hac land bearing Survey No. / Compartment No./Kh. No 292 of Muhal Batwara, Tehsil Sundernagar, District Mandi, H.P. falling under Batwara beat, Batwara block, Kangoo range identified for Compensatory Afforestation is suitable for plantation from management point of view and are free from all sorts of encumbrances and encroachments.

Place Sundernagar

Date 12/5/19


(Divisional Forest Officer)

Suket Forest Division

Sundernagar

Office Seal

Sundernagar (H.P.) - 175018

Full Title of the Project: Diversion of 406.79 ha. Of forest land for Thana Plaun HEP, (191) MW being constructed by M/s Himachal Pradesh Power Corporation Ltd.

File No. : _____

Date of Proposal: _____

CHECK LIST SERIAL NUMBER: 18

LAND SUITABILITY CERTIFICATE BY THE DFO

This is to certify that 16 hac land bearing Survey No. / Compartment No./Kh. No 1040/992 (7 ha) and Kh. No 550 (9 ha) of Muhal Gamohu, Tehsil Sundernagar, District Mandi, H.P. falling under Dehar beat, Dehar block, Kangoo range identified for Compensatory Afforestation is suitable for plantation from management point of view and are free from all sorts of encumbrances and encroachments.

Place Sundernagar

Date 12/5/19


(Divisional Forest Officer)

Suket Forest Division

Sundernagar

Office Seal

 Sundernagar (H.P.) - 175018

Full Title of the Project: Diversion of 406.79 ha. Of forest land for Thana Plaun HEP, (191) MW being constructed by M/s Himachal Pradesh Power Corporation Ltd.

File No. : _____

Date of Proposal: _____

CHECK LIST SERIAL NUMBER: 18

LAND SUITABILITY CERTIFICATE BY THE DFO

This is to certify that 5 hac land bearing Survey No. / Compartment No./Kh. No 318 of Muhal Koon Tehsil Sundernagar, District Mandi, H.P. falling under Jyor beat, Dehar block, Kangoo range identified for Compensatory Afforestation is suitable for plantation from management point of view and are free from all sorts of encumbrances and encroachments.

Place Sundernagar

Date 12/5/19


(Divisional Forest Officer)

Suket Forest Division

Sundernagar.

Office Seal

Sundernagar (H.P.) - 175018

425

Full Title of the Project: Diversion of 406.79 ha. Of forest land for Thana Plaun HEP, (191) MW being constructed by M/s Himachal Pradesh Power Corporation Ltd.

File No. : _____

Date of Proposal: _____

CHECK LIST SERIAL NUMBER: 18

LAND SUITABILITY CERTIFICATE BY THE DFO

This is to certify that 6 hac land bearing Survey No. / Compartment No./Kh. No 434 of Muhal Kunaila Tehsil Sundernagar, District Mandi, H.P. falling under Jyor beat, Dehar block, Kangoo range identified for Compensatory Afforestation is suitable for plantation from management point of view and are free from all sorts of encumbrances and encroachments.

Place Sundernagar

Date 12/5/19


(Divisional Forest Officer)

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

426

Full Title of the Project: Diversion of 406.79 ha. Of forest land for Thana Plaun HEP, (191) MW being constructed by M/s Himachal Pradesh Power Corporation Ltd.

File No. : _____

Date of Proposal: _____

CHECK LIST SERIAL NUMBER: 18

LAND SUITABILITY CERTIFICATE BY THE DFO

This is to certify that 6 hac land bearing Survey No. / Compartment No./Kh. No 882 of Muhal Khanokhar Tehsil Sundernagar, District Mandi, H.P. falling under Jyor beat, Dehar block, Kangoo range identified for Compensatory Afforestation is suitable for plantation from management point of view and are free from all sorts of encumbrances and encroachments.

Place Sundernagar

Date 12/5/19


(Divisional Forest Officer)

Suket Forest Division

Divisional Forest Officer

Sundernagar

Office Seal

Sundernagar (H.P.) 175018

Full Title of the Project: Diversion of 406.79 ha. Of forest land for Thana Plaun HEP, (191) MW being constructed by M/s Himachal Pradesh Power Corporation Ltd.

File No. : _____

Date of Proposal: _____

CHECK LIST SERIAL NUMBER: 18

LAND SUITABILITY CERTIFICATE BY THE DFO

This is to certify that 5 hac land bearing Survey No. / Compartment No./Kh. No 174,291 of Muhal Bhalana Tehsil Sundernagar, District Mandi, H.P. falling under Jai Devi beat, Jai Devi block, Jai Devi range identified for Compensatory Afforestation is suitable for plantation from management point of view and are free from all sorts of encumbrances and encroachments.

Place Sundernagar

Date 12/5/19


(Divisional Forest Officer)

Suket Forest Division

Divisional Forest Officer

Sundernagar

Office Seal

Sundernagar (H.P.) - 175018

Full Title of the Project: Diversion of 406.79 ha. Of forest land for Thana Plaun HEP, (191) MW being constructed by M/s Himachal Pradesh Power Corporation Ltd.

File No. : _____

Date of Proposal: _____

CHECK LIST SERIAL NUMBER: 18

LAND SUITABILITY CERTIFICATE BY THE DFO

This is to certify that 6 hac land bearing Survey No. / Compartment No./Kh. No 167 of Muhal Naval Tehsil Sundernagar, District Mandi, H.P. falling under Doldhar beat, Jai Devi block, Jai Devi range identified for Compensatory Afforestation is suitable for plantation from management point of view and are free from all sorts of encumbrances and encroachments.

Place Sundernagar

Date 12/5/19


(Divisional Forest Officer)

Suket Forest Division

Sundernagar.

Office Seal

Sundernagar (H.P.) - 175018

Full Title of the Project: Diversion of 406.79 ha. Of forest land for Thana Plaun HEP, (191) MW being constructed by M/s Himachal Pradesh Power Corporation Ltd.

File No. : _____

Date of Proposal: _____

CHECK LIST SERIAL NUMBER: 18

LAND SUITABILITY CERTIFICATE BY THE DFO

This is to certify that 10 hac land bearing Survey No. / Compartment No./Kh. No 50, 94 of Muhal Fatehpur Tehsil Sundernagar, District Mandi, H.P. falling under Ghiri beat, Jai Devi block, Jai Devi range identified for Compensatory Afforestation is suitable for plantation from management point of view and are free from all sorts of encumbrances and encroachments.

Place Sundernagar

Date 12/5/19


(Divisional Forest Officer)

Suket Forest Division

Sundernagar

Office Seal (H.P.) - 175018

430

Full Title of the Project: Diversion of 406.79 ha. Of forest land for Thana Plaun HEP, (191) MW being constructed by M/s Himachal Pradesh Power Corporation Ltd.

File No. : _____

Date of Proposal: _____

CHECK LIST SERIAL NUMBER: 18

LAND SUITABILITY CERTIFICATE BY THE DFO

This is to certify that 5 hac land bearing Survey No. / Compartment No./Kh. No 376of Muhal Saishdhar Tehsil Sundernagar, District Mandi, H.P. falling under Khabri beat, Rohanda block, Jai Devi range identified for Compensatory Afforestation is suitable for plantation from management point of view and are free from all sorts of encumbrances and encroachments.

Place Sundernagar

Date 12/05/19


(Divisional Forest Officer)

Suket Forest Division

Sundernagar Division

Office Seal H.P.) - 175018

FULL TITLE OF PROJECT:- Diversion of 406.79 hectare of forest land for construction of Thana Plaun HEP (191 MW) under the jurisdiction of Mandi forest Division Distt. Mandi H.P.

CHECK SERIAL NO.18

LAND SUITABILITY CERTIFICATE BY THE DFO

(For the forest land to be diverted under FCA)

This is to certify that 47.08 ha Land bearing Survey No.H43F1, Muhal Tihri Block Bagi, Range Kataula, Tehsil Sadar District Mandi H.P. identified for compensatory afforestation is suitable for plantation from management point of view and is free from all sorts of encumbrances and encroachment.

Date:-06.03.2019

Place:- Mandi

R.O. Kataula

Official seal 
Range Forest Officer
Kataula Forest Range
Distt. Mandi (H.P.)


Divisional Forest Officer,
Mandi Forest Division, Mandi H.P.
Official Seal 
Divisional Forest Officer
Forest Division Mandi (H.P.)

FULL TITLE OF PROJECT:- Diversion of 406.79 hectare of forest land for construction of Thana Plaun HEP (191 MW) under the jurisdiction of Mandi forest Division Distt. Mandi H.P.

CHECK SERIAL NO.18

LAND SUITABILITY CERTIFICATE BY THE DFO

(For the forest land to be diverted under FCA)

This is to certify that 2.67 ha Land bearing Survey No.H43F2, Muhal Thatta, Shiva Badar, Range Panarsa, Tehsil Sadar District Mandi H.P. identified for compensatory afforestation is suitable for plantation from management point of view and is free from all sorts of encumbrances and encroachment.

Date:-07.03.2019

Place:- Mandi

R.O. ^{Panarsa} 
Official seal  Range Officer,
Forest Range Panarsa


Divisional Forest Officer,
Mandi Forest Division, Mandi H.P.
Official Seal  Divisional Forest Officer,
Forest Division Mandi (H.P.)

FULL TITLE OF PROJECT:- Diversion of 406.79 hectare of forest land for construction of Thana Plaun HEP (191 MW) under the jurisdiction of Mandi forest Division Distt. Mandi H.P.

CHECK SERIAL NO.18

LAND SUITABILITY CERTIFICATE BY THE DFO

(For the forest land to be diverted under FCA)

This is to certify that 37.63 ha Land bearing Survey No.H43F2, Muhal Suma, Block Shiva Badar, Range Panarsa, Tehsil Sadar District Mandi H.P. identified for compensatory afforestation is suitable for plantation from management point of view and is free from all sorts of encumbrances and encroachment.

Date:-08.03.2019

Place:- Mandi

R.O. Panarsa
Official Seal
Forest Range Panarsa


Divisional Forest Officer,
Mandi Forest Division, Mandi H.P.
Official Seal
Divisional Forest Officer
Forest Division Mandi H.P.

434

FULL TITLE OF PROJECT:- Diversion of 406.79 hectare of forest land for construction of Thana Plaun HEP (191 MW) under the jurisdiction of Mandi forest Division Distt. Mandi H.P.

CHECK SERIAL NO.18

LAND SUITABILITY CERTIFICATE BY THE DFO

(For the forest land to be diverted under FCA)

This is to certify that 47.24 ha Land bearing Survey No.H43F1, Muhal Suhada, Block Bagi, Range Kataula, Tehsil Sadar District Mandi H.P. identified for compensatory afforestation is suitable for plantation from management point of view and is free from all sorts of encumbrances and encroachment.

Date:-05.03.2019

Place:- Mandi

R.O. Kataula 
Official seal Range Forest Officer
Kataula Forest Range
Distt. Mandi (H.P.)


Divisional Forest Officer,
Mandi Forest Division, Mandi H.P.
Official Seal Divisional Forest Officer
Forest Division Mandi H.P.

435

FULL TITLE OF PROJECT:- Diversion of 406.79 hectare of forest land for construction of Thana Plaun HEP (191 MW) under the jurisdiction of Mandi forest Division Distt. Mandi H.P.

CHECK SERIAL NO.18

LAND SUITABILITY CERTIFICATE BY THE DFO

(For the forest land to be diverted under FCA)

This is to certify that 4.29 ha Land bearing Survey No.H43F1, Muhal Segli, Block Bagi, Range Kataula, Tehsil Sadar District Mandi H.P. identified for compensatory afforestation is suitable for plantation from management point of view and is free from all sorts of encumbrances and encroachment.

Date:-08.03.2019

Place:- Mandi

R.O. Kataula
Official seal
Range Forest Officer
Kataula Forest Range
Distt. Mandi (H.P.)


Divisional Forest Officer,
Mandi Forest Division, Mandi H.P.
Official Seal
Divisional Forest Officer
Forest Division Mandi (H.P.)

436

FULL TITLE OF PROJECT:- Diversion of 406.79 hectare of forest land for construction of Thana Plaun HEP (191 MW) under the jurisdiction of Mandi forest Division Distt. Mandi H.P.

CHECK SERIAL NO.18

LAND SUITABILITY CERTIFICATE BY THE DFO

(For the forest land to be diverted under FCA)

This is to certify that 5.18 ha Land bearing Survey No.H43F1 & H43E13, Muhal Nandal, Block Kataula, Range Kataula, Tehsil Sadar District Mandi H.P. identified for compensatory afforestation is suitable for plantation from management point of view and is free from all sorts of encumbrances and encroachment.

Date:-05.03.2019

Place:- Mandi

R.O. Kataula

Official seal


Range Forest Officer
Kataula Forest Range
Distt. Mandi (H.P.)


Divisional Forest Officer,

Mandi Forest Division, Mandi H.P.

Official Seal

Divisional Forest Officer
Forest Division Mandi (H.P.)

FULL TITLE OF PROJECT:- Diversion of 406.79 hectare of forest land for construction of Thana Plaun HEP (191 MW) under the jurisdiction of Mandi forest Division Distt. Mandi H.P.

CHECK SERIAL NO.18

LAND SUITABILITY CERTIFICATE BY THE DFO

(For the forest land to be diverted under FCA)

This is to certify that 22.09 ha Land bearing Survey No.H43F2, Muhal Nagdhar, Shiva Badar, Range Panarsa, Tehsil Sadar District Mandi H.P. identified for compensatory afforestation is suitable for plantation from management point of view and is free from all sorts of encumbrances and encroachment.

Date:-07.03.2019

Place:- Mandi

R.O. *Panarsa* *Shalekh*
 Official seal *Range Forest Officer*
Forest Range Panarsa

SD
 Divisional Forest Officer,
 Mandi Forest Division, Mandi H.P.
 Official Seal *Divisional Forest Officer*
Forest Division Mandi H.P.

438

FULL TITLE OF PROJECT:- Diversion of 406.79 hectare of forest land for construction of Thana Plaun HEP (191 MW) under the jurisdiction of Mandi forest Division Distt. Mandi H.P.

CHECK SERIAL NO.18

LAND SUITABILITY CERTIFICATE BY THE DFO

(For the forest land to be diverted under FCA)

This is to certify that 13.27 ha Land bearing Survey No.H43F1, Muhal Masad, Shiva Badar, Range Panarsa, Tehsil Sadar District Mandi H.P. identified for compensatory afforestation is suitable for plantation from management point of view and is free from all sorts of encumbrances and encroachment.

Date:-07.03.2019

Place:- Mandi

R.O. *Panarsa*
Official seal *Range Officer*
Forest Range Panarsa

Smf
Divisional Forest Officer,
Mandi Forest Division, Mandi H.P.
Official Seal *Divisional Forest Officer*
Forest Division Mandi (H.P.)

439

FULL TITLE OF PROJECT:- Diversion of 406.79 hectare of forest land for construction of Thana Plaun HEP (191 MW) under the jurisdiction of Mandi forest Division Distt. Mandi H.P.

CHECK SERIAL NO.18

LAND SUITABILITY CERTIFICATE BY THE DFO

(For the forest land to be diverted under FCA)

This is to certify that 14.48 ha Land bearing Survey No.H43F1, Muhal Kundak Block Bagi, Range Kataula, Tehsil Sadar District Mandi H.P. identified for compensatory afforestation is suitable for plantation from management point of view and is free from all sorts of encumbrances and encroachment.

Date:-05.03.2019

Place:- Mandi

R.O. Kataula
Official seal
Range Forest Officer
Kataula Forest Range
Distt. Mandi (H.P.)

Divisional Forest Officer,
Mandi Forest Division, Mandi H.P.
Official Seal Divisional Forest Officer
Forest Division Mandi (H.P.)

FULL TITLE OF PROJECT:- Diversion of 406.79 hectare of forest land for construction of Thana Plaun HEP (191 MW) under the jurisdiction of Mandi forest Division Distt. Mandi H.P.

CHECK SERIAL NO.18

LAND SUITABILITY CERTIFICATE BY THE DFO

(For the forest land to be diverted under FCA)

This is to certify that 3.88 ha Land bearing Survey No.H43E13, Muhal Katindhi, Block Rehardhar, Range Mandi, Tehsil Sadar District Mandi H.P. identified for compensatory afforestation is suitable for plantation from management point of view and is free from all sorts of encumbrances and encroachment.

Date:-08.03.2019

Place:- Mandi

R.O. Mandi
Official seal


Divisional Forest Officer,
Mandi Forest Division, Mandi H.P.
Official Seal

Divisional Forest Officer
Forest Division Mandi (H.P.)

FULL TITLE OF PROJECT:- Diversion of 406.79 hectare of forest land for construction of Thana Plaun HEP (191 MW) under the jurisdiction of Mandi forest Division Distt. Mandi H.P.

CHECK SERIAL NO.18

LAND SUITABILITY CERTIFICATE BY THE DFO

(For the forest land to be diverted under FCA)

This is to certify that 3.56 ha Land bearing Survey No.H43E14, Muhal Jhal, Block Sadar, Range Mandi, Tehsil Sadar District Mandi H.P. identified for compensatory afforestation is suitable for plantation from management point of view and is free from all sorts of encumbrances and encroachment.

Date:-08.03.2019

Place:- Mandi


R.O. Mandi
Official seal


Divisional Forest Officer,
Mandi Forest Division, Mandi H.P.
Official Seal Divisional Forest Officer
Forest Division Mandi H.P.

FULL TITLE OF PROJECT:- Diversion of 406.79 hectare of forest land for construction of Thana Plaun HEP (191 MW) under the jurisdiction of Mandi forest Division Distt. Mandi H.P.

CHECK SERIAL NO.18

LAND SUITABILITY CERTIFICATE BY THE DFO

(For the forest land to be diverted under FCA)

This is to certify that 7.93 ha Land bearing Survey No.H43F1, Muhal Halgarh, Block Bagi, Range Kataula, Tehsil Sadar District Mandi H.P. identified for compensatory afforestation is suitable for plantation from management point of view and is free from all sorts of encumbrances and encroachment.

Date:-06.03.2019

Place:- Mandi

R.O. Kataula
Official seal
 Range Forest Officer
 Kataula Forest Range
 Distt. Mandi (H.P.)

Divisional Forest Officer,
Mandi Forest Division, Mandi H.P.
Official Seal
 Divisional Forest Officer
 Forest Division Mandi H.P.

FULL TITLE OF PROJECT:- Diversion of 406.79 hectare of forest land for construction of Thana Plaun HEP (191 MW) under the jurisdiction of Mandi forest Division Distt. Mandi H.P.

CHECK SERIAL NO.18

LAND SUITABILITY CERTIFICATE BY THE DFO

(For the forest land to be diverted under FCA)

This is to certify that 3.40 ha Land bearing Survey No.H43E13, Muhal Brogla, Block Drang, Range Drang, Tehsil Sadar District Mandi H.P. identified for compensatory afforestation is suitable for plantation from management point of view and is free from all sorts of encumbrances and encroachment.

Date:-08.03.2019

Place:- Mandi

R.O. Drang
Official seal 
Range Forest Officer
Drang Forest Range
Drang (H. P.)


Divisional Forest Officer,
Mandi Forest Division, Mandi H.P.
Official Seal 
Divisional Forest Officer
Forest Division Mandi (H.P.)

FULL TITLE OF PROJECT:- Diversion of 406.79 hectare of forest land for construction of Thana Plaun HEP (191 MW) under the jurisdiction of Mandi forest Division Distt. Mandi H.P.

CHECK SERIAL NO.18

LAND SUITABILITY CERTIFICATE BY THE DFO

(For the forest land to be diverted under FCA)

This is to certify that 5.58 ha Land bearing Survey No.H43E13, Muhal Basa, Block Drang, Range Drang, Tehsil Sadar District Mandi H.P. identified for compensatory afforestation is suitable for plantation from management point of view and is free from all sorts of encumbrances and encroachment.

Date:-08.03.2019

Place:- Mandi

R.O. Drang
Official seal
Range Forest Officer
Drang Forest Range
Drang (H. P.)

Divisional Forest Officer,
Mandi Forest Division, Mandi H.P.
Official Seal
Divisional Forest Officer
Forest Division Mandi (H.P.)

FULL TITLE OF PROJECT:- Diversion of 406.79 hectare of forest land for construction of Thana Plaun HEP (191 MW) under the jurisdiction of Mandi forest Division Distt. Mandi H.P.

CHECK SERIAL NO.18

LAND SUITABILITY CERTIFICATE BY THE DFO

(For the forest land to be diverted under FCA)

This is to certify that 25.56 ha Land bearing Survey No.H43F1, Muhal Banaul, Shiva Badar, Range Panarsa, Tehsil Sadar District Mandi H.P. identified for compensatory afforestation is suitable for plantation from management point of view and is free from all sorts of encumbrances and encroachment.

Date:-06.03.2019

Place:- Mandi

R.O.

Official seal

Panarsa
PP Panarsa
Range Panarsa

Smp
**Divisional Forest Officer,
Mandi Forest Division, Mandi H.P.**

Official Seal Divisional Forest Officer
Forest Division Mandi (H.P.)

FULL TITLE OF PROJECT:- Diversion of 406.79 hectare of forest land for construction of Thana Plaun HEP (191 MW) under the jurisdiction of Mandi forest Division Distt. Mandi H.P.

CHECK SERIAL NO.18

LAND SUITABILITY CERTIFICATE BY THE DFO

(For the forest land to be diverted under FCA)

This is to certify that 78.64 ha Land bearing Survey No.H43F1, Muhal Badaun, Block Kataula & Bagi, Range Kataula, Tehsil Sadar District Mandi H.P. identified for compensatory afforestation is suitable for plantation from management point of view and is free from all sorts of encumbrances and encroachment.

Date:-05.03.2019

Place:- Mandi


Range Forest Officer
Kataula Forest Range
Distt. Mandi (H.P.)


Divisional Forest Officer,
Mandi Forest Division, Mandi H.P.
Official Seal

Divisional Forest Officer
Forest Division Mandi (H.P.)

FULL TITLE OF PROJECT:- Diversion of 406.79 hectare of forest land for construction of Thana Plaun HEP (191 MW) under the jurisdiction of Mandi forest Division Distt. Mandi H.P.

CHECK SERIAL NO.18

LAND SUITABILITY CERTIFICATE BY THE DFO

(For the forest land to be diverted under FCA)

This is to certify that 106.63 ha Land bearing Survey No.H43F1, Muhal Bodan Dhar, village Bodan Dhar, Block Kataula, Range Kataula, Tehsil Sadar District Mandi H.P. identified for compensatory afforestation is suitable for plantation from management point of view and is free from all sorts of encumbrances and encroachment.

Date:-05.03.2019

Place:- Mandi


Range Forest Officer
Kataula Forest Range
Distt. Mandi (H.P.)


Divisional Forest Officer,
Mandi Forest Division, Mandi H.P.
Official Seal Divisional Forest Officer
Forest Division Mandi (H.P.)

FULL TITLE OF PROJECT:- Diversion of 406.79 hectare of forest land for construction of Thana Plaun HEP (191 MW) under the jurisdiction of Mandi forest Division Distt. Mandi H.P.

CHECK SERIAL NO.18

LAND SUITABILITY CERTIFICATE BY THE DFO

(For the forest land to be diverted under FCA)

This is to certify that 21.84 ha Land bearing Survey No.H43F1, Muhal Arnehad, Block Kataula, Range Kataula, Tehsil Sadar District Mandi H.P. identified for compensatory afforestation is suitable for plantation from management point of view and is free from all sorts of encumbrances and encroachment.

Date:-06.03.2019

Place:- Mandi

R.O. Kataula

Official seal 
Range Forest Officer
Kataula Forest Range
Distt. Mandi (H.P.)


Divisional Forest Officer,
Mandi Forest Division, Mandi H.P.
Official Seal

Divisional Forest Officer
Forest Division Mandi (H.P.)

FULL TITLE OF PROJECT:- Diversion of 406.79 hectare of forest land for construction of Thana Plaun HEP (191 MW) under the jurisdiction of Mandi forest Division Distt. Mandi H.P.

CHECK SERIAL NO.18

LAND SUITABILITY CERTIFICATE BY THE DFO

(For the forest land to be diverted under FCA)

This is to certify that 4.53 ha Land bearing Survey No.H43E13, Muhal Aran, Block Drang, Range Drang, Tehsil Sadar District Mandi H.P. identified for compensatory afforestation is suitable for plantation from management point of view and is free from all sorts of encumbrances and encroachment.

Date:-08.03.2019

Place:- Mandi

R.O. Drang
Official seal Range Forest Office
Drang Forest Range
Drang (H. P.)

Divisional Forest Officer,
Mandi Forest Division, Mandi H.P.
Official Seal Divisional Forest Officer
Forest Division Mandi (H.P.)

450

Full Title of the Project: Diversion of 406.79 ha. Of forest land for Thana Plaun HEP, (191) MW being constructed by M/s Himachal Pradesh Power Corporation Ltd.

File No. : _____
Date of Proposal: _____

CHECK LIST SERIAL NUMBER: 18

LAND SUITABILITY CERTIFICATE BY THE DFO

This is to certify that 18 hac land bearing Survey No. / Compartment No./Kh. No 228 (9 hac), Kh. No. 266 (9 hac) of Muhal Hafwana, Tehsil Sundernagar, District Mandi, H.P. falling under Doldhar beat, Jai Devi block, Jai Devi range identified for Compensatory Afforestation is suitable for plantation from management point of view and are free from all sorts of encumbrances and encroachments.

Place Sundernagar
Date 17/4/19


(Divisional Forest Officer)

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