

Full Title of the project: Diversion of 2.27 hect. of forest land for the construction of Banoun to Kanchi Se Ghera road (km. 0/00 to 4/00) in favour of HPPWD within the jurisdiction of Joginder Nagar Forest Division, Distt. Mandi, HP

File No.:

FP/HP/ROAD/32474/2018.

CHECK LIST SERIAL NUMBER: 17

"SCHEME FOR COMPENSATORY AFFORESTATION

Detailed scheme for 4.54 hect Compensatory Afforestation and its maintenance for 10 year to be carried out in lieu of 2.27 ha, of forest area to be diverted for construction of Banoun-Kanchi se Ghara road (km 0/00 to 4/00) within the jurisdiction of Joginder Nagar, Mandi and Suket Forest Division, Distt. Mandi, HP

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

District: Mandi

Village: Banar.

Tehsil: Jogionder Nagar

Distt. Mandi

Name of Forest Division: Joginder Nagar.

Range : Joginder Nagar

Block/ Compartment/ Survey No. 53D/16.

Area to be afforested: **4,54 hect.**

2. Description of the Area:-

- i) Whether the site selected for Compensatory Afforestation is a land bank or not Yes.
- ii) If the CA site is other than the land bank, reasons be given- No
- iii) In case of non forest area identified for CA, then what is the distance of Ca site from the adjoining forest boundary: Forest Area
- iv) Soil type- Sandy Loam
- v) Topography:
 - x) (a) Hilly/ Undulating/ Plain - Hilly
 - xi) (b) Slope Steep/ Medium/Gentle Medium
- xii) 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 letter No. Ft. State CAMPA/ 2010/ Norms/ Vol.II dated 23-05-2020 of Pr.CCF.(HoFF) HP.

No/RK/FCA/ 5672
Forest Department, Himachal Pradesh.

From:

F.R. ---

EA-1/11

WA-1/11

G.A

Bill Clerk

A/B

D/B

E.E.

To:

Divisional Forest Officer,
Forest Division, Joginder Nagar.

The Executive Engineer,
Mandi Division No.-II,
HPPWD Mandi, Distt. Mandi, HP

Dated J/Nagarf, the/ 30-10-2020

Subject:

Diversion of 2.27hact. of forest land in favour of HPPWD for the construction of banoun Kanchi se Gehra road Kms 0/00 to 4/00, within the jurisdiction of Joginder Nagar Forest Division, Distt. Mandi, HP.

Please refer to CF(C) GoI MoEF Regional Officer office letter No. 08B/HP/06/99/2019/FC/ 27 dated 21-10-2020, copy to Addl. Chief Secy (Forests) GoHP, endorsed to other, on the subject cited above.

2. The bill of CA, NPV and Reclamation Plan for Muck Dumping for diversion of forest land for the purpose mentioned above is raised as under:-

SN	Component	Amount (Rs.)	Mode of payment	Amount where the amount is to be deposited
1.	NPV 2.1033 hact. @ Rs.6,57,000/-	14,91,390/-	e-payment	Through online portal
2.	CA	9,20,568/-	e-payment	
3.	Contingency @ 5% on CA	46,028/-	e-payment	
4.	Reclamation plan for Muck dumping	63,342/-	e-payment	
5.	Contingency @ 5% on Reclamation plan for Muck dumping	3,167/-	e-payment	
Total amount to be deposited through RTGS		25,24,495/-		
6.	Departmental charges on CA @ 17.5%	1,69,154/-	Through T.C. (e-challan)	(DDO-code-MDI02-818-FOREST DIVISION JOGINDERNAGAR)
7.	Departmental charges on Reclamation plan for Muck dumping @ 17.5%	11,639/-	-do-	Head- 0406-01-800 other receipt Sub-Head-0406-01-800-18
Total amount to be deposited through challan		1,80,793/-		

3. It is requested that the receipt of amount so deposited through RTGS with UTR No. and copy of challan may be sent to this office for record.

(39)
Full Title of the project: Diversion of 2.27 hect. Forest Land in favour of HPPWD for c/o Banoun Kanchi se Ghara road km 0/0 to 4/0 falls under jurisdiction of Joginder Nagar Forest Division, Tehsil Joginder Nagar, Distt. Mandi, HP.

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N.P.V. Calculation Sheet

Area in hac. for proposed diversion	N.P.V. Calculated @ rate of	Net N.P.V. amount	Remarks
2.27 hac.	Rs. 6,57,000/- Class V of Ecological classification (open forest)	Rs. 14,91,390/-	Class V of Ecological classification of forests.

Divisional Forest Officer,
J/Nagar Forest Range,
Joginder Nagar Forest Division,
Joginder Nagar.

- 4
- Cost per ha. (Exclusive of cost of plants)= /8,640/-
 - Cost of plants (1100 No. i.e. 1100X19.78= 21,758/-
 - Total Cost = Rs. 1,00,398/-

B Maintenance for ten years

(As per PrCCF(HoFF) HP Shimla letter No. Ft. CAMPA/ 2010/Norms/ Vol.II dated 23-06-2020)

Maintenance (Wages)		
1.	1 st Year Maintenance	
2.	2 nd Year maintenance	8350
3.	3 rd Year maintenance	5630
4.	4 th Year maintenance	2915
5.	5 th Year maintenance	2915
6.	6 th Year maintenance	2915
7.	7 th Year maintenance	2915
8.	8 th Year maintenance	2915
9.	9 th Year maintenance	2915
10.	10 th Year maintenance	2915
	Total	37,300/-
	Total A+B	1,37,698/-
	For 4.54 hect. for CA	6,25,149/-
Maintenance Cost of Plants		
	Add cost of plants 1 st year = 1500 Nos. (i.e 30% of total number planted in planting year), 2 nd year= 1000 Nos. (i.e 20% of total number planted in planting year), 3 rd year =500 (i.e 10% of total number planted in planting year) Total- 3000 Nos @ 19.78/- per plants	59,340/-
C	Soil Conservation Works	
	Vegetative, Dry Stone, Brushwood check dam	30,000/-
D	Lantana Eradication works I/C maintenance	22,000/-
	Total cost per hect. i.e A+B++C+D: 100398+37300+30000+22000=	1,89,698/-
	For 4.54 hect for CA Wages	8,61,229/-
	Total	9,20,568/-
	Add 5% contingency charges	46,028/-
	Total	9,66,596/-
	Add 17.50 % Departmental charges	1,69,154/-
	Total	11,35,750/-

5. Schedule of Plantation Programme:-

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

Year	Area	Rate/ha.	Total amount
0 th Year	4.54 ha.	100398/-	4,55,807/-
1 st Year	-do-	8350/-	37,909/-
2 nd Year	-do-	5630/-	25,560/-
3 rd Year	-do-	2915/-	13,234/-
4 th Year	-do-	2915/-	13,234/-
5 th Year	-do-	2915/-	13,234/-
6 th Year	-do-	2915/-	13,234/-
7 th Year	-do-	2915/-	13,234/-
8 th Year	-do-	2915/-	13,234/-
9 th Year	-do-	2915/-	13,234/-
10 th Year	-do-	2915/-	13,234/-
Total A(i)			6,25,148/-
(A-ii) Cost of Plants 3000 Nos.	19.78		59,340/-
Total-A			6,84,488/-
B(i) Soil conservation works	4.54 ha.	30000/-	1,36,200/-
B (ii) Lantana eradication	4.54 ha.	22000/-	99,880/-
Total -B			2,36,080/-
Total A+B			9,20,568/-
Contingency @ 5%			46,028/-
Total			9,66,596/-
Department charges @ 17.5%			1,69,154/-
Total			11,35,750/-

5. Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

- General details:- Plantation will be done through Pit method as per plantation norms.
- Spacing:- 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
- 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 Watchman, People's participation etc):- B/wire fencing using concrete same posts.
- Proposed monitoring Mechanism:- By higher authority.
- Any other information:- nil

Divisional Forests Officer,
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RECLAMATION PLAN FOR MUCK DUMPING

Dumping side RD 0/705 to 0/750, 1/905 to 1/940, 2/795 to 2/850, 3/230 to 3/275 and 3/865 to 3/915 in Kh. No. 2/3, 4/2, 126/4, 298/3 and 558/2 the muck debris excavated during the diversion of 2.27 ha. of forest land for the construction of Banoun- Kanchi se Gahra road (km 0/00 to 4/00, After leveling, dumping site will be rehabilitated by planting Broad leave and other suitable site specific species.. The reclamation plan for the dumping sites is prepared as under:-

Year	Area	Rate/ha.	Total amount
0 th Year	0.4600 ha.	100398/-	46,183/-
1 st Year	-do-	8350/-	3,841/-
2 nd Year	-do-	5630/-	2,590/-
3 rd Year	-do-	2915/-	1,341/-
4 th Year	-do-	2915/-	1,341/-
5 th Year	-do-	2915/-	1,341/-
6 th Year	-do-	2915/-	1,341/-
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8 th Year	-do-	2915/-	1,341/-
9 th Year	-do-	2915/-	1,341/-
10 th Year	-do-	2915/-	1,341/-
Total			63,342/-
Contingency @ 5%			3,167/-
Total			66,509/-
Department charges @ 17.5%			11,639/-
Total			78,148/-

Muck Dumping Certificate:- It is certified that there is no tree/ shrub growth on the proposed land site. It is also certified that the said area will be development by user agency.

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