



GOVERNMENT OF JAMMU AND KASHMIR

OFFICE OF THE CHIEF CONSERVATOR OF FORESTS, JAMMU

(Forest Complex, Exchange Road, Dogra Hall) Ph. 0191 - 2547748, 2545400 Fax: 2502920, Email ccfjammu1@gmail.com

Sub: Revised Work programme of Compensatory Afforestation w.r.t Forest Clearance for " Sawalkote HE Project (1856MW)

Ref: CF West No: CFW-R/Camp/10-12 dated 03-04-2023.

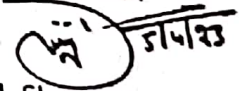
ORDER

The revised work proposal for Compensatory Afforestation to be done in lieu of diversion of 39.6 hectares of forest land for :Sawalkote HE Project (1856MW) in Mahore Forest Division to the tune of Rs. 29487467/- prepared and submitted by the Divisional Forest Officer, Mahore Forest Division, duly recommended by the CF West Circle Rajouri , is hereby approved , as per the detail given below:-

Proposal No	Area involved for diversion	Location	Area under CA Plan	Canopy Density	Spp. to be planted.
FP/JK/HYD/15 0591/2021	39.6 Ha.	1. 76Ar (Kotli) 2. 113/Ar (Sou Devta) 3. 126/Ar (Beesawali Nagar & 4. 100/Ar (Jaman)	79.2 Ha	<0.4	Indigenous Spp.

The approval / sanction is subject to the following conditions: -

- 1) All the terms and conditions as per the provisions of Forest Conservation Act 1980 w.r.t Compensatory Afforestation are complied with.
- 2) That the existing Forest Tariff schedule rates shall be applicable as warranted under rules.
- 3) That DFO Mahore Forest Division shall be implementing agency for executing the CA Plan.


(B. M. Sharma)
Chief Conservator of Forests
Jammu

No: CCF/JPIg/22-23/43 / 86-89

Copy to: -

Dated: 05.04.2023.

1. Pr. Chief Conservator of Forests (HoFF), J&K, Jammu for favour of information.
2. Nodal Officer, FCA, O/o the PCCF J&K for favour of information. This is in reference to the discussion held on the subject.
3. CF, West Circle Rajouri for information and necessary action.
4. DFO Mahore Forest Division for information and necessary action.

MC
Lm
R. 21/04/2023



GOVERNMENT OF JAMMU AND KASHMIR (UT)
OFFICE OF THE DIVISIONAL FOREST OFFICER,
MAHORE FOREST DIVISION, HQ DHARMARI
(Email - dfo mahore@gmail.com)



The Conservator of Forests,
West Circle
Rajouri

No: DFO/MFD/ 10-11

Dated: 03/04/2023

Sub: Request for approval of revised Compensatory Afforestation Scheme for Sawalkote HE Project (1856 MW) Proposal no. FP/JK/HYD/150591/2021.

Sir,


In reference to the subject cited above, it is requested to your goodself to kindly provide Approval for proposal of compensatory afforestation scheme of **Sawalkote HE Project (1856 MW) Proposal no. FP/JK/HYD/150591/2021** in Mahore Range for uploading in Parivesh portal for further processing of the case.

Proposal No.	Nomenclature of FCA work	User Agency	Location of proposed works	Area involved for diversion	Area under CA Plan	Financial implications of the proposal	Canopy density
FP/JK/HYD/150591/2021	Sawalkote HE project	NHPC Ltd	76/Ar, 113/Ar, 126/Ar & 100/Ar	39.6 ha	79.2 Ha	29487467/-	<0.4


Hence submitted for favour of approval please.

Encl: 03 leaves

Yours faithfully,


Sanjay Kumar Gupta
Divisional Forest Officer
Mahore Forest Division
Dharmari

Copy submitted to the Addl. Pr. Chief Conservator of Forests, Jammu for favor of information please.


Sanjay Kumar Gupta
Divisional Forest Officer
Mahore Forest Division
Dharmari

Compensatory Afforestation Scheme.

Plants per Ha: 1000 Nos

Full Title of Forest land Diversion Project: Sawalkote HE Project(1856 MW, NHPC Limited

File No. FP/JK/HYD/150591/2021

Date of Proposal: 31.12.2021

Name of the Forest Division (where forest land is proposed to be diverted): Mahore Forest Division

Forest Area to be diverted: 39.6 Ha

Forest/NFL area to be planted:- 79.2 Ha

No. of trees to be felled:- 756 Nos

No. of plants/poles to be damaged:- Nil

No. of plants to be planted in the Scheme:- 79200

Details of land where C.A. is to be carried out:

Degraded forest land	Yes/ No.	Yes	Area: (in Ha)	79.20
Non – Forest land	Yes/ No.	No	Area: (In Ha)	0

Forest Division: Mahore

District. Reasi

Range Mahore

Tehsil: Arnas

Compt. 76/Ar, 113/Ar, 126/Ar & 100/Ar

Khasra No. (for non Forest land)

76/Ar Kotli,

113/Ar Sou

Devta, 126/Ar

Beesawali

Nagar &

100/Ar Jaman

C.A Site (Name of the location)

CA Area (in Ha) 79.2

CA Site (76/Ar) Geo Cooddinates: Lat. 33°10'25.33"N 75° 1'59.93"E

CA Site (113/Ar) Geo Cooddinates: Lat. 33°14'24.85"N 74°55'20.31"E

CA Site (126/Ar) Geo Cooddinates: Lat. 33°17'50.28"N 74°56'12.03"E

CA Site 100/Ar) Geo Cooddinates: Lat. 33°11'38.84"N 74°52'32.69"E

In case of no forest are identified for CA then what is the distance of CA site from the adjoining forest boundary:.....

- Description of Site: **Clayey Loam**
- Topography: Hilly/ undulatin/ plain: **Hilly**
- Slope Steep/Medium/Gentle: **steep to medium**
- For no Forest land- description of existing vegetation/root stock and density:NA
- In case degraded forest land- description of forest type and crown density: Himalayan Chir Pine Forest, Himalayan Sub tropical Scrub, Himalayan Moist Scrub type 0.4

It may be noted that forest land diversion proposal and corresponding CA

Model CA for 79.2 ha in Degraded Forest in Mahore Forest Division

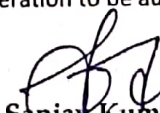
S. No.	Description			Rate	Total Amount (in Rs)
	A	Unit	No.		
1	1st year cost of Afforestation	Nos	79200	46.42	3676464.00
2	2 nd year maintenance	Nos		46.42	919116.00
3	3 rd year maintenance	Nos		46.42	367646.00
4	4 th year maintenance	Nos		46.42	183823.00
5	5 th year maintenance	Nos		46.42	183823.00
6	6 th year maintenance	Nos		46.42	183823.00
7	7 th year maintenance	Nos		46.42	183823.00

8	8 th year maintenance	Nos		46.42	183823.00
9	9 th year maintenance	Nos		46.42	183823.00
10	10 th year maintenance	Nos		46.42	183823.00
	Total				6249987.00
B	Other Afforestation Interventions (As per the requirement of the site condition)				
1	Patch Sowing	No of patches	16000	6.99	111840.00
2	Planting of Grass slips	No of slips	16000	6.35	101600.00
	Total				213440.00
C	Fencing				
1	Square PCC Fence Post fencing (7 Strand)	RFT			0.00
2	Wooden Fencing	Rft	0	68.32	0.00
3	Chain link fencing	0	27750	250	6937500.00
4	Fencing repair		0	16.74	0.00
	Total				6937500.00
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)	Ha.	16	22904	366464.00
E	Pruning and Training of Existing Root Stocks:	No.	20000	6.35	127000.00
F	Soil & water conservation and protection measures like construction of fires lines and inspection path				4347240.00
G	Rasing of 79200 Plants in P Bags				635976.00
H	Brush wood/Live Hedge fencing @ 4.00	nos	27750	4.0000	111000.00
I	Mahindra Bolero Pickup Van for Gulabgarh Range				1000000.00
J	Inspection Hut in Budhan Block				2000000.00
K	Inspection Hut in Banna Block				2000000.00
L	Inspection Hut in Kanthan Block				1000000.00
M	Mahindra Bolero Pickup Van for Mahore Range				26988607.00
	Total (A+B+C+D+E+F)				2498860.00
N	Over Head Charges (10% of the CA charges)				29487467.000
	Total (A+B+C+D+E+F+G)				29487467.000
	Grant total= C.A				29487467.000

The Afforestation cost is calculated as per the Jammu & Kashmir Forest Rate Schedule Tariff 2017

III. Technical details: Technical details of compensatory Afforestation Scheme are as follows:

- i) General Details: Plantations of 79200 polybagged plants.
- ii) Plantation Method: Trench planting
- iii) Spacing: --
- iv) Species proposed to be planted Chlr, BL Species .
- v) Silvicultural Operations: Pruning and training of existing root stocks
- vi) Soil and Moisture Conservation works: DRSM, Inspection path fire lines.
- vii) Protection (Fencing, Watch and Ward Peoples, Participation etc) Watch and Ward etc.
- viii) Proposed Monitoring Mechanism: ---
- ix) Any other Information. Chain link fencing preferred. Natural regeneration to be augmented with artificial regeneration.


Sanjay Kumar Gupta
 Divisional Forest Officer
 Mahore Forest Division
 Dharmari

Component wise Work Programme under CA under the Scheme "CAMPA" of Forest Division Mahore

Name of the Range	Compt no	Geo Coordinates	Area in Ha (approx)	Square PCC Fence Post with Chain link fencing		Bush wood/jive Hedge fencing @ 4.00		Plantation of PB plants in pits/trench		Plantation of NR plants in pits @ Rs.23.17 per plant		DPSM In Cum @ Rs. 1099		Pruning and training of existing roots stock @ 6.35		Patch Sowing plantation (no) @ Rs. 6.99 patch		Gross Slip (no) @ Rs. 6.35		Bush Lantana @ 22904 ha		Maintenance for 10 years	Total
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin		
Mahore	76/Ar	33°10'25.33"N 75°1'59.93"E	25.2	6200	15500	0.248	11.70	25200	0	0.00	90	0.99	5000	0.32	5000	0.35	5000	0.32	5000	4	0.92	8.190	38,526
	113/Ar	33°14'24.85"N 74°55'20.31"E	12	6450	16125	0.258	5.57	12000	0	0.00	90	0.99	5000	0.32	2500	0.17	2500	0.16	2500	4	0.92	3.900	28,410
	126/Ar	33°17'50.28"N 74°56'12.03"E	23	8200	20500	0.378	10.68	23000	0	0.00	90	0.99	5000	0.32	4500	0.31	4500	0.29	4500	4	0.92	7.470	41,798
	100/Ar	33°11'38.84"N 74°52'32.69"E	19	6900	17250	0.276	8.82	19000	0	0.00	90	0.99	5000	0.32	4000	0.28	4000	0.25	4000	4	0.92	6.175	35,277
	Sub Total		79.2	27750	69375	1.11	36.76464	79200	0	0	360	3.9564	20000	1.27	16000	1.1184	16000	1.016	16000	16	3.66464	25.735	144,01
Other works																							
I	Raising of 79200 plants in Poly bags								79200		8.03												6,35976
II	Inspection Path 1.5 Meter wide in Co. no. 102/GG, 106/Ar, 110/Ar, 122/Ar, 109/Ar, 76/GG, 77/GG, 78/GG, 126/Ar, 123/Ar, 206/Ar, 133/Ar, 103/GG, 124/Ar, 81/GG, 79/GG & 80/GG, 83/Ar, 90/Ar & 74/Ar.			30KM			Rs. 45731/ KM																13,566
III	Permanent Fire line 10 meter in width in Co. 77/GG, 78/GG, 126/Ar, 123/Ar, 106/Ar, 133/Ar, 103/GG, 124/Ar, 81/GG, 79/GG & 80/GG, 83/Ar, 90/Ar, 102/GG, 106/Ar, 110/Ar, 122/Ar, 109/Ar, 76/GG.			60 KM			Rs. 29250/ km																11,700
IV	Construction of Water Harvesting/Recharging Structures 122/Ar, 109/Ar, 76/GG, 79/GG & 80/GG, 106/Ar, 110/Ar, 77/GG, 78/GG, 78/GG, 126/Ar, 123/Ar, 100/Ar, 101/GG, 124/Ar, 81/GG.			15 Nos			Rs. 95000																14,250
V	Mahindra Bolero Pickup Van for Gulabgum Range																						10,000
VI	Inspection Hut in Budhan Block																						20,000
VII	Inspection Hut in Banna Block																						20,000
VIII	Inspection Hut in Kaniban Block																						20,000
IX	Mahindra Bolero Pickup Van for Mahore Range																						10,000
	Over Head																						24,988
	G.Total																						294,874


Subin Kumar Gupta
Sub Divisional Forest Officer
Mahore Forest Division
Dharmari