

वन विभाग, हरियाणा सरकार
कार्यालय वन मण्डल अधिकारी, जीन्द

पुराना हांसी रोड, नजदीक बीड बडा बन, वन कम्पलैक्स, जीन्द

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क्रमांक: 2202

दिनांक: 24.12.2020

सेवा में

वन मण्डल अधिकारी,
यमुनानगर ।

Sub. **Revised CA Scheme - Diversion for Parallel lined channel (PLC) Project from RD 0 (Dadupur Head) to 68220 (Hamida Head) in Distt. Yamuna Nagar, Haryana.**

Online Proposal No FP/HR/IRRIG/40972/2019

सन्दर्भ: आपका दूरभाष सन्देश दिनांक 24.12.2020

उपरोक्त विषय के सम्बन्ध में आप द्वारा दिनांक 24.12.2020 को विषयांकित केस की सी0ए0 स्कीम इस वन मण्डल द्वारा तैयार किए जाने बारे अनुरोध किया गया है ।
अतः आपको उक्त केस से सम्बन्धित ^{Revised} CA Scheme & KML File आगामी आवश्यक कार्यवाही हेतु सलंगन भेजी जाती है ।

सलंगन/यथोऽ


वन मण्डल अधिकारी,
जीन्द ।

पृ० क्रमांक: 2203-04

दिनांक: 24.12.2020

एक प्रति निम्नलिखित को सूचनार्थ प्रेषित है : -

1. नोडल अफिसर एवं मुख्य वन संरक्षक, एफ0सी0ए0 हरियाणा, पंचकूला
2. मुख्य वन संरक्षक, पश्चिमी परिमण्डल, हिसार


वन मण्डल अधिकारी,
जीन्द ।

Title of the Project: Diversion for Parallel lined channel (PLC) Project from RD 0 (Dadupur Head) to 68220 (Hamida Head) in Distt. Yamuna Nagar, Haryana.

File No.: FP/HR/IRRIG/40972/2019

Date of Proposal:

CHECK LIST SERIAL NUMBER-17

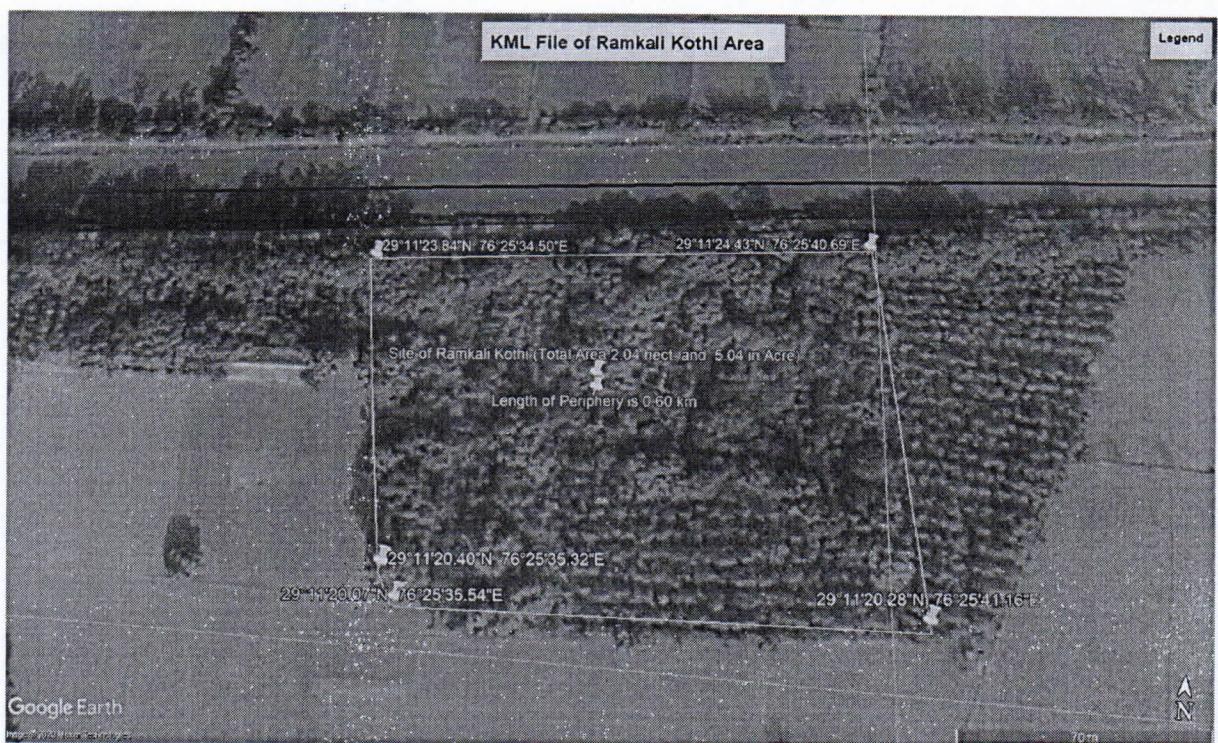
LOCATION MAP

Location map of degraded forest area identified for CA in lieu of (under FCA-1980) proposal for **Diversion for Parallel lined channel (PLC)** Project from RD 0 (Dadupur Head) to 68220 (Hamida Head) in Distt. Yamuna Nagar, Haryana.

Detail of Non-Forest Land area

S.N	Name of village	Khewat no.	Khasra no.	Area(A-K-M)	Length
01.	Ramkali Brick Kiln Area	48	85/1, 9/1, 9/2/2, 10/1, 10/2/2, 11, 12/1, 12/2, 19, 20/1, 20/2, 21/1, 22/1, 22/2	3.37 Hect.	Block Forest
02.	Ramkali Kothi area	48	71/26	2.04	Block Forest
	Total			5.41 hect	

The User Agency is ready to provide equivalent non-forest land in various villages of district Jind, Haryana for CA. Therefore, CA and Additional CA will be carried out partially on the same pieces of non-forest land to be provided by UA.



Further it is clarified that these non-forest lands are abandoned kothi, sites of Brick kiln as well as naturally grown vegetated patch on the land of Irrigation Department, these lands are lying as surplus land with UA which can be transferred to Forest Department. These lands have pre-existing vegetation. The trees standing on these lands shall be adjusted against CA. In this Case, Total 5.41 hec. Land is with already with pre-existing vegetation.

2 patches {including both in Ramkali village Brick Kiln Area 3.37 ha and Ramkali Kothi Area 2.04 ha. totaling 5.41 ha. is already under vegetation containing **2718 No. of plants, shall be adjusted against CA. The total no. of saplings pole size crop more than 30 cm girth are 2718.** The estimation has been carried out on random sampling method as well as direct counting. Whereas **Silvicultural operations like uprooting of Kana/Musquit/bushes, trimming, pruning and singling of naturally grown trees will be carried out for 2718 saplings/small trees to give them the shape of trees within the maintenance period of 10 years.**

Place:

Date:

Signature

Divisional Forest Officer,

Name: *[Signature]*

Office Seal

Title of the Project: Diversion for Parallel lined channel (PLC) Project from RD 0 (Dadupur Head) to 68220 (Hamida Head) in Distt. Yamuna Nagar, Haryana.

File No.: FP/HR/IRRIG/40972/2019

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"SCHEME FOR C.A."

Forest Area - Nil

Details of degraded forest land/non-forest land where C.A. is to be carried out.

Division: Sirsa

District: Sirsa

C.A. Sites name:

Sr. No.	Name Of Village	Longitude	Status of land	Vacant area available (approx.) in Acre	Approx. No. of plants to be planted under CA
01.	Ramkali Brick Kiln Area		Non-forest land	8.32 Acre (3.37 ha)	Already Existing
02.	Ramkali Kothi Area		-do-	5.02 Acre (2.04 ha)	Already Existing
			Grand Total	5.41 hect.	

**Note-The no. of plants given against sites is tentative and approximate only subject to the land demarcation.*

Area to be maintained: 5.41 hect.

a) Whether the site selected for Compensatory Afforestation is a Land bank: (No) The land proposed for CA is non-forest land owned by User Agency in district Jind in various villages of Jind district. The user agency has agreed to transfer this land to Forest Department for carrying out Compensatory Afforestation in lieu of diversion of forest land for non-forest purposes.

b) If the CA site is other than the land bank, reasons be given: N/A

In case of non-forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary :-N/A

i) Soil type: The soil of the area is Sandy-Loam

ii) Topography a. Hilly/Undulating/Plain : Plain

b. Slope: Steep/Medium/Gentle: Gentle

iii) Whether the area is bearing any root stock of vegetation:- Yes

Plantation Model:- N.A.

Copy of the approved Compensatory Afforestation Scheme/Model showing component wise physical and financial break up is as under:

1. Schedule of Plantation Programme:-

Detail of year wise break-up of requirements of funds is as under:-
Maintenance of existing vegetation on C.A. Land

Estimated cost of planting and maintenance of 2718 plants for next 10 years (@ Rs. 1298.92/- plant)

Forest Area to be Diverted .	
No. of Trees to be felled :	
No. of Plants to be damaged :	
Addl C.A. in lieu of plants to be damaged =	
Area to be planted under normal CA :	Nil.
Plants to be Planted under normal CA :	Nil
No. of trees & plants already existing on non-forest land to be provided by U/A being off-setted against Addl. CA=	2718 plants is equal to 2.7 hect. CA
(As per Para 2.4 (ix), Chapter-2 of Handbook of FCA,1980 Guidelines 2019)	
Remaining Addl. CA work to be done on degraded forest land	Nil
Total No. of plants to be planted (CA)	Nil
Total Area to be planted (CA) :	NIL

CA Scheme

Sr. No.	Description	Area in Ha.	Rate	Total Amt. (Rs.)
A	Net Present Value of Forest Land to be diverted			0
B	Compensatory afforestation Charges	No. of plants		0
C	Catchment Area Treatment Plan (Soil and Moisture Conservation)			0
D	Additional Compensatory afforestation			0
E	Catchment Area Treatment Plan (Soil and Moisture Conservation)			0
F	Silvi-cultural operations in Addl. CA			
	(1) 1th Year maintenance	2718		514156
	(2) 2th Year maintenance	2718		179177
	(3) 3th Year maintenance	2718		179177
	(4) 4th Year maintenance	2718		179177
	(5) 5th Year maintenance	2718		179177
	(6) 6th Year maintenance	2718		179177
	(7) 7th Year maintenance	2718		179177
	(8) 8th Year maintenance	2718		179177
	(9) 9th year maintenance	2718		179177
	(10) 10th Year maintenance	2718		179177
	Chain link fencing	1.8	900000	1620000
	Total Addl. CA charges			3746749
	Supervisory/Overhead/ Misc. Charges		10% of the total Addl. CA charges	374675
	Total			4121424
G	Catchment Area Treatment Plan (Soil and Moisture Conservation)		30% of Total CA	1236427
H	Felling charges Volume (M3)	0	Rs. 1400/- per M3	0
I	Any other charges.			
	(1) Survey & Demarcation with DGPS	2	100000/- per Site	100000
	(2) Demolition & removal of old building debris/waste	1	300000/- per Site	200000
	Grand Total (A+B+C+D+E+F+G+H+I) to be deposited in CAMPA fund			5657851

2. **Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

- a) General Details:- Fencing will be done with chain link fencing.
- b) Spacement:- 2 × 2 meter
- c) Species:- Euclyptus etc.
- d) Plantation Method :- Pitt Planting (Already planted)
- e) Soil and Moisture Conservation Works: As per Scheme.
- f) Protection (Fencing, Watchman, People's Participation etc.):- Patrolling, Fencing & Protection watchers.
- g) Proposed Monitoring Mechanism:- (M&E)
- h) Any Other information:- Nil

Place: Jind

Date:

Signature

Rohtash Birthal, HFS
DFO, Jind

ANNEXURE-II

Cost Estimation Cost Norms for Site Specific Compensatory Afforestation Scheme

First Year: Per hectare cost at wage rate of 367/- per day during 2021-22:

Sr. No.	Particulars of work	Unit	Qty.	Unit Rate	Amount (Rs.)
1	Uprooting of Kana/ unwanted bushes	Ha.	5.41	40000	216400
2	Prunning of plants	No.	2718	20	54360
3	Mali-cum-Protection watcher: One person for every 5.41 ha will be employed to look after for 12 months as 367 / per day	No			114504
4	Dribbling of seed in gap	No.	2000	20	40000
5	Misc. expenditure			LS	10000
6	Total				435264
7	Contractor Profit 10%				43526
8	EPF @13% on 50% of Total amount considering as labour component				28292
9	ESI @3.25% on 50% of Total amount considering as labour component				7073
10	Grand Total				514156

2nd year expenditure at wage rate of Rs. 367/- per day (Replacement @ 20 per cent)

1	Prunning of plants	No.	2718	10	27180
2	Mali-cum-Protection watcher: One person for every 5.41 ha will be employed to look after for 12 months as 367 / per day	No			114504
3	Misc. expenditure			LS	10000
4	Total				151684
5	Contractor Profit 10%				15168
6	EPF @13% on 50% of Total amount considering as labour component				9859
7	ESI @3.25% on 50% of Total amount considering as labour component				2465
8	Grand Total				179177

3rd year expenditure at the wage rate of Rs. 367/- per day (Replacement @ 10 percent)

1	Prunning of plants	No.	2718	10	27180
2	Mali-cum-Protection watcher: One person for every 5.41 ha will be employed to look after for 12 months as 367 / per day	No			114504
3	Misc. expenditure			LS	10000
4	Total				151684
5	Contractor Profit 10%				15168
6	EPF @13% on 50% of Total amount considering as labour component				9859
7	ESI @3.25% on 50% of Total amount considering as labour component				2465
8	Grand Total				179177

4th year expenditure at the wage rate of Rs. 367/- per day

1	Prunning of plants	No.	2718	10	27180
2	Mali-cum-Protection watcher: One person for every 5.41 ha will be employed to look after for 12 months as 367 / per day	No			114504
3	Misc. expenditure			LS	10000
4	Total				151684
5	Contractor Profit 10%				15168
6	EPF @13% on 50% of Total amount considering as labour component				9859
7	ESI @3.25% on 50% of Total amount considering as labour component				2465
8	Grand Total				179177

5th year expenditure at the wage rate of Rs.367/- per day

1	Prunning of plants	No.	2718	10	27180
2	Mali-cum-Protection watcher: One person for every 5.41 ha will be employed to look after for 12 months as 367 / per day	No			114504
3	Misc. expenditure		LS		10000
4	Total				151684
5	Contractor Profit 10%				15168
6	EPF @13% on 50% of Total amount considering as labour component				9859
7	ESI @3.25% on 50% of Total amount considering as labour component				2465
8	Grand Total				179177

6th year expenditure at the wage rate of Rs.367/-per day

1	Prunning of plants	No.	2718	10	27180
2	Mali-cum-Protection watcher: One person for every 5.41 ha will be employed to look after for 12 months as 367 / per day	No			114504
3	Misc. expenditure		LS		10000
4	Total				151684
5	Contractor Profit 10%				15168
6	EPF @13% on 50% of Total amount considering as labour component				9859
7	ESI @3.25% on 50% of Total amount considering as labour component				2465
8	Grand Total				179177

7th year expenditure at the wage rate of Rs. 367/- per day

1	Prunning of plants	No.	2718	10	27180
2	Mali-cum-Protection watcher: One person for every 5.41 ha will be employed to look after for 12 months as 367 / per day	No			114504
3	Misc. expenditure		LS	10000	
4	Total				151684
5	Contractor Profit 10%				15168
6	EPF @13% on 50% of Total amount considering as labour component				9859
7	ESI @3.25% on 50% of Total amount considering as labour component				2465
8	Grand Total				179177

8th year expenditure at the wage rate of Rs.367/- per day

1	Prunning of plants	No.	2718	10	27180
2	Mali-cum-Protection watcher: One person for every 5.41 ha will be employed to look after for 12 months as 367 / per day	No			114504
3	Misc. expenditure		LS	10000	
4	Total				151684
5	Contractor Profit 10%				15168
6	EPF @13% on 50% of Total amount considering as labour component				9859
7	ESI @3.25% on 50% of Total amount considering as labour component				2465
8	Grand Total				179177

9th year expenditure at the wage rate of Rs. 367/- per day

1	Prunning of plants	No.	2718	10	27180
2	Mali-cum-Protection watcher: One person for every 5.41 ha will be employed to look after for 12 months as 367 / per day	No			114504
3	Misc. expenditure		LS		10000
4	Total				151684
5	Contractor Profit 10%				15168
6	EPF @13% on 50% of Total amount considering as labour component				9859
7	ESI @3.25% on 50% of Total amount considering as labour component				2465
8	Grand Total				179177

10th year expenditure at the wage rate of Rs. 367/- per day

1	Prunning of plants	No.	2718	10	27180
2	Mali-cum-Protection watcher: One person for every 5.41 ha will be employed to look after for 12 months as 367 / per day	No			114504
3	Misc. expenditure		LS		10000
4	Total				151684
5	Contractor Profit 10%				15168
6	EPF @13% on 50% of Total amount considering as labour component				9859
7	ESI @3.25% on 50% of Total amount considering as labour component				2465
8	Grand Total				179177