

Full Title of the Project: Diversion of 13.51 ha of Forest land for laying of RCC NP-3, 700mm Dia Pipeline from Narwana Branch RD 230983 to Saraswati Tirth Pehowa, Right Side in Distt. Kurukshetra.

File No. : FP/HR/IRRIG/22593/2016

Date of Proposal:

CHECK LIST SERIAL: NUMBER -18

"SCHEME FOR COMPENSATORY AFFORESTATION"

Name of the Forest/Reach to be diverted :

Full Title of the Project: Diversion of 13.51 ha of Forest land for laying of RCC NP-3, 700mm Dia Pipeline from Narwana Branch RD 230983 to Saraswati Tirth Pehowa, Right Side in Distt. Kurukshetra.

Forest Area =13.51..... ha.

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

Division & District Kurukshetra

Tehsil & Range Pehowa

C.A. Site name : Kanthala Supply Chanel RD 0-26 & Saraswati Sub Drain 0-9 L&R

Area to be Afforested:- 27.02

- a) Whether the site selected for Compensatory Afforestation is a Land bank (yes or No.) : No
- b) If the CA site is other than the land bank, reason be given :- There is no land bank available in district Kurkushetra

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

- i. Soil type: Sandy Laom
- ii. Topography a) Hilly/Undulating/Plain : Plain
 b) Slope :- Steep/Medium/Gentle: Gentle
- iii. Whether the area is bearing any root stock of vegetation:- No

Plantation Model:-

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 requirement of funds is as under:-

The plantation cost is calculated for Tall Plantation norms at 4m x 2½ m spacing at the wage rate of Rs. 224/- per day as under :-

Area to be Diverted = 13.51 ha.

No. of trees to be felled = 319

Plants to be damaged = 600

Plants to be planted = 27020

Area to be planted = 27.02 (@ 1000 plant per ha.)

Additional C.A. in lieu of plants to be damaged (Double the plants to be damaged) = 1200

Sr. No.	DESCRIPTION		RATE	Per	TOTAL AMOUNT (Rs.)
A	Compensatory Afforestation Charges	No. of Plants			
	(1) 1st Year Cost of Afforestation	27020	172	Per Plants	4647440
	(2) 2nd Year Maintenance		64	Per Plants	1729280
	(3) 3rd Year Maintenance		32	Per Plants	864640
	(4) 4th Year Maintenance		25	Per Plants	675500
	(5) 5th Year Maintenance		26	Per Plants	702520
	(6) 6th Year Maintenance		15	Per Plants	405300
	(7) 7th Year Maintenance		8	Per Plants	216160
	(8) 8th Year Maintenance		9	Per Plants	243180
	(9) 9th Year Maintenance		10	Per Plants	270200
	(10) 10th Year Maintenance		11	Per Plants	297220
	(11) Barbed wire fencing charges=108.08 RKM		76700	Per Rkm.	8289736
	Total Charges				18341176
	Supervisory / Overhead / Miscellaneous Charges		10% on the total CA charges		1834118
	Total (A) CA Charges				20175294
B	Additional Compensatory Afforestation Charges				
	(1) 1st Year Cost of Afforestation	1200	172	Per Plants	206400
	(2) 2nd Year Maintenance		64	Per Plants	76800
	(3) 3rd Year Maintenance		32	Per Plants	38400
	(4) 4th Year Maintenance		25	Per Plants	30000
	(5) 5th Year Maintenance		26	Per Plants	31200
	(6) 6th Year Maintenance		15	Per Plants	18000
	(7) 7th Year Maintenance		8	Per Plants	9600
	(8) 8th Year Maintenance		9	Per Plants	10800
	(9) 9th Year Maintenance		10	Per Plants	12000
	(10) 10th Year Maintenance		11	Per Plants	13200
	(11) Barbed wire fencing charges=4.8 RKM		76700	Per Rkm.	368160
	Total (B) Addl. CA Charges				814560
C	Catchment Area Treatment (if required)				
	Soil Moisture Conservation (SMC) work		30% on the total CA charges		0
	Total (C)				0

D	Safety Zone (if required)				0
E	Additional Charges (if required)				
				0
				0
	Total (D+E)				
F	Net Present value of Forest Land to be diverted	887000	Per ha.		11983370
G	Felling charges = m ³	157.99	1000	m ³	157990
	Grand Total (A+B+C+D+E+F+G) to be deposited in CAMPA Fund				33131214

5. Technical details:-

Technical detail of Compensatory Afforestation Scheme are as follows:-

- General Detail:- Plantation will be done with 3 strand barbed wire in
- Spacing:- 4 x 2½ metre
- Species:- Neem, Bakain, Papri etc.
- Plantation method:- Tall Plantation
- Soil and Moisture Conservation work:- Nil
- Protection:- (Fencing, Watch man, People's Participation etc.): - Fencing
- Proposed Monitoring Mechanism:- Checking of Plantation work will be Done by RFO, DCF, CF & DCF (M&E)
- Any other information:- Nil

Place:- Kurukshetra

Date:-

Divisional Forest Officer
Kurukshetra Forest Division
KURUKSHETRA
Kurukshetra

Note:- CF (T) should counter sign this CA scheme if Area to be afforested is more than 5 hect.

PENAL CA Two TIMES (Tall Plant)

Compensatory Afforestation Scheme in Case of Diversion of 13.51 ha of Forest land for laying of RCC NP-3, 700mm Dia Pipeline from Narwana Branch RD 230983 to Saraswati Tirth Pehowa, Right Side in Distt. Kurukshetra.

Forest land violated = 1.3 ha.

Two time panel CA = 2.6 ha.

Plants to be planted = 2600

Sr. No.	Description	Rate (in Rs.)		Total Amount
(A)	Compensatory Afforestation Charges			
	(1) 1st Year Cost of Afforestation	172	Per Plants	447200
	(2) 2nd Year Maintenance	64	Per Plants	166400
	(3) 3rd Year Maintenance	32	Per Plants	83200
	(4) 4th Year Maintenance	25	Per Plants	65000
	(5) 5th Year Maintenance	26	Per Plants	67600
	(6) 6th Year Maintenance	15	Per Plants	39000
	(7) 7th Year Maintenance	8	Per Plants	20800
	(8) 8th Year Maintenance	9	Per Plants	23400
	(9) 9th Year Maintenance	10	Per Plants	26000
	(10) 10th Year Maintenance	11	Per Plants	28600
	(11) Barbed wire fencing charges	10.40	76700 Per Rkm.	797680
	Total CA Charges (1 to 11)			1764880
(B)	Supervisory / Overhead / Miscellaneous Charges	10% on the total CA charges		176488
	Total (A+B) [to be deposited in CAMPA fund]			1941368

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Divisional Forest Officer,
Kurukshetra Forest Division
Kurukshetra
KURUKSHETRA
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