

Title of the Project: For Construction of Rattakhera Kharif Channel RD 0 to 116000 tail off taking at RD 39000-R of River Ghaggar & Branch RD 0 to 29200 off taking at RD 20000-R of Main Branch crossing various strips of protected forest land, under Forest Division and Distt. Sirsa.
File No.: FP/HR/IRRG/29224/2017
Date of Proposal: 14/09/2017

CHECK LIST SERIAL NUMBER-18

"SCHEME FOR COMPENSATORY AFFORESTATION"

Detailed scheme for compensatory afforestation to be carried out in lieu for diversion (under FCA-1980) of 0.05 ha. of forest land for Construction of Rattakhera Kharif Channel RD 0 to 116000 tail off taking at RD 39000-R of River Ghaggar & Branch RD 0 to 29200 off taking at RD 20000-R of Main Branch crossing various strips of protected forest land, under Forest Division and Distt. Sirsa.

1. Details of degraded forest land/non-forest land:-
 Village: Dabwali Tehsil: Dabwali Distt.: Sirsa
 Forest Division: Sirsa Forest Range: Dabwali
 Block /Compartment/Survey No.: Nil Area to be Afforested: Dabwali Disty. RD 88-89 L/R
2. Description of the Area:-
 i) Whether the site selected for compensatory Afforestation is a Land bank or Not: -
 No, the site selected for compensatory afforestation is not a land bank.
 ii) If the CA site is other than the land bank, reason may be given: - N.A.
 iii) In case of non-forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary: -N.A.
 iv) Soil type: Sandy Loam
 v) Topography a Hilly/Undulating/Plain :
 b Slope :- Steep/Medium/Gentle
 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 break up is as under :-
 4. Schedule of plantation Programme:-
 Detail of year wise break-up of requirements of funds is as under :-

The plantation cost is calculated for Tall Plantation norms at 4m X 2.5m spacing and 250 plants per RKM and it is approved by the PCCF, Haryana, Panchkula at the wage Rate Rs. 190/- Per day as under:-

Sr. No.	Year	Rate Per Plant
1	I st year Plantation	Rs. 172/- Per Plant
2	II nd year Plantation	Rs. 64/- Per Plant
3	III rd year Plantation	Rs. 32/- Per Plant
4	IV th year Plantation	Rs. 25/- Per Plant
5	V th year Plantation	Rs. 26/- Per Plant
6	VI th year Plantation	Rs. 15/- Per Plant
7	VII th year Plantation	Rs. 8/- Per Plant
8	VIII th year Plantation	Rs. 9/- Per Plant
9	IX th year Plantation	Rs. 10/- Per Plant
10	X th year Plantation	Rs. 11/- Per Plant
	Total	Rs. 372/-

Area to be Diverted = 0.05 Ha
 Area to be planted (Ten times of trees to be felled) = 0.18 Ha
 No. of trees to be felled = 18 (12.31M³)
 No. of plants to be damaged = 13
 Number of plants to be Planted (@1000 plant per Hectare)=180
 Addl. CA = 0.026 ha (Double of the plants to be damaged)

Sr. No.	Description	Area	Rate	Total Amt. (Rs.)
A	Net Present Value of Forest Land to be diverted	0.05 ha	Rs. 8.87 Lacs per Ha	44350
B	Compensatory afforestation Charges	Plants	Rate per plant	
	(1) 1st Year cost of afforestation	180	Rs. 172/- Per Plant	30960
	(2) 2nd Year maintenance	180	Rs. 64/- Per Plant	11520
	(3) 3rd Year maintenance	180	Rs. 32/- Per Plant	5760
	(4) 4th Year maintenance	180	Rs. 25/- Per Plant	4500
	(5) 5th Year maintenance	180	Rs. 26/- Per Plant	4680
	(6) 6th Year maintenance	180	Rs. 15/- Per Plant	2700
	(7) 7th Year maintenance	180	Rs. 08/- Per Plant	1440
	(8) 7th Year maintenance	180	Rs. 09/- Per Plant	1620
	(9) 9th Year maintenance	180	Rs. 10/- Per Plant	1800
	(10) 10th Year maintenance	180	Rs. 11/- Per Plant	1980
	(11) Barbed wire fencing charge	0.72	Rs. 76700/- Per RKM	55224
	Total C.A. Charges (B)		Total	122184
	Supervisory/Overhead/Miscellaneous Charges		10% on the total CA charges	12218
	Total C.A. Charges (B+C)		Total	134402
C	Additional Compensatory afforestation			
	(1) 1st Year cost of afforestation	26	Rs. 172/- Per Plant	4472
	(2) 2nd Year maintenance	26	Rs. 64/- Per Plant	1664
	(3) 3rd Year maintenance	26	Rs. 32/- Per Plant	832
	(4) 4th Year maintenance	26	Rs. 25/- Per Plant	650
	(5) 5th Year maintenance	26	Rs. 26/- Per Plant	676
	(6) 6th Year maintenance	26	Rs. 15/- Per Plant	390
	(7) 7th Year maintenance	26	Rs. 08/- Per Plant	208
	(8) 7th Year maintenance	26	Rs. 09/- Per Plant	234
	(9) 9th Year maintenance	26	Rs. 10/- Per Plant	260
	(10) 10th Year maintenance	26	Rs. 11/- Per Plant	286
	(11) Barbed wire fencing charge	0.104	Rs. 76700/- Per RKM	7977
	Total Addl. CA Charges			17649
	Supervisory/Overhead/Misc Charges			1765
	Total Add. C.A. Charges			19414
D	Felling charges Volume M3	12.31	Rs. 1000/- per M3	12310
	Grand Total (A+B+C+D) to be deposited in CAMPA fund			210476

Ram Kumar IFS
 Divisional Forest Officer
 Forest Division, Sirsa

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- 3- Technical details:-**
- Technical details of Compensatory Afforestation Scheme are as follows:-
- a) General Details:-Plantation will be done with 3 strand barbed wire in Reserved/Protected forests.
 - b) Spacement :-4x2.5 meter, T.P. Planting
 - c) Species :-Neem, Shisham, Jamun etc.
 - d) Plantation Method :-Tall Plantation
 - e) Soil and Moisture Conservation Works :-Nil
 - f) Protection (Fencing Watch man, People's Participation etc.):- Fencing
 - g) Proposed Monitoring Mechanism :- Inspection
 - h) Any other information:-Nil.

Place :Sirsa

Date:

Ram Kumar HFS
 Divisional Forest Officer
 Forest Division, Sirsa

15/12/18 28/12/18

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