

**Title of the Project:** For access to Dhan Guru Nanak Weigh Bridge along Khairekan-Mattar Road km 15.935 LHS at village Alikan, under Forest Division & Distt. Sirsa.

**File No.:** FP/HR/Approach/37441/2018

**Date of Proposal:** 04/12/2018

## CHECK LIST SERIAL NUMBER:-18

### "SCHEME FOR C.A."

**Name of the Forest/Reach to be diverted:** Khairekan-Mattar Road km 15.935 LHS at village Alikan, under Forest Division & Distt. Sirsa.

**Forest Area =** 0.0156 ha.

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

Division: Sirsa

District: Sirsa

Tehsil: Kalanwali

Range: Kalanwali

C.A. Site name: Abootgarh Minor RD 0-10 L/R Side

Area to be Afforested : 0.262 ha

- Whether the site selected for Compensatory Afforestation is a Land bank: (No)
  - 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
  - Soil type: Good
  - ii) Topography  
a. ~~Hilly/Undulating~~/Plain : Plain  
b. Slope: ~~Steep/Medium~~ /Gentle: Gentle
  - 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 requirements of funds is as under:-

The plantation cost is calculated for Tall Plants norms at 4m x 2½m spacing at the wage rate of Rs. 326.82 per day as under:-

Year	Rate per Plant
1 <sup>st</sup> Year cost of afforestation	Rs. 359.10 Per Plant
2 <sup>nd</sup> Year maintenance	Rs. 115.35 Per Plant
3 <sup>rd</sup> Year maintenance	Rs. 41.89 Per Plant
4 <sup>th</sup> Year maintenance	Rs. 15.58 Per Plant
5 <sup>th</sup> Year maintenance	Rs. 15.58 Per Plant
6 <sup>th</sup> Year maintenance	Rs. 15.58 Per Plant
7 <sup>th</sup> Year maintenance	Rs. 15.58 Per Plant
8 <sup>th</sup> Year maintenance	Rs. 15.58 Per Plant
9 <sup>th</sup> Year maintenance	Rs. 15.58 Per Plant
10 <sup>th</sup> Year maintenance	Rs. 15.58 Per Plant
<b>Total</b>	<b>Rs. 625.40</b>

Area to be Diverted : 0.0156 ha.  
 No. of Trees to be felled : 3 (3.97 M<sup>3</sup>)  
 No. of Plants to be damaged : 3  
 Plants to be Planted under normal CA : 100 (Under minimum CA Scheme)  
 Area to be planted under normal CA : 0.10 ha @ 1000 plants per ha.  
 Addl C.A. in lieu of plants to be damaged : 6 (Double of plants to be damaged)  
 Area to be planted under Addl. CA : 0.006 ha. @ 1000 plants per ha.  
 Plants to be Planted under Penal CA : 156 (Ten times of area violated)  
 Area to be planted under Penal CA For violation : 0.156 ha. @ 1000 plants per ha.  
 Total No. of plants to be planted (CA+Addl.CA+Penal CA) : 262  
 Total Area to be planted (CA+Addl.CA+Penal CA) : 0.262 ha. @ 1000 plants per ha.

Sr. No.	Description	Area in Ha.	Rate	Total Amt. (Rs.)
A	Net Present Value of Forest Land to be diverted	0.0156	Rs. 8.87 Lacs per Ha	<b>13837</b>
B	Compensatory afforestation Charges	No. of plants		
	(1) 1st Year cost of afforestation	100	Rs. 359.1/- Per Plant	35910
	(2) 2nd Year maintenance	100	Rs. 115.35/- Per Plant	11535
	(3) 3rd Year maintenance	100	Rs. 41.89/- Per Plant	4189
	(4) 4th Year maintenance	100	Rs. 15.58/- Per Plant	1558
	(5) 5th Year maintenance	100	Rs. 15.58/- Per Plant	1558
	(6) 6th Year maintenance	100	Rs. 15.58/- Per Plant	1558
	(7) 7th Year maintenance	100	Rs. 15.58/- Per Plant	1558
	(8) 7th Year maintenance	100	Rs. 15.58/- Per Plant	1558
	(9) 9th year maintenance	100	Rs. 15.58/- Per Plant	1558
	(10) 10th Year maintenance	100	Rs. 15.58/- Per Plant	1558
	(11) Barbed wire fencing charge	0.4	Rs. 76700/- Per RKM	30680
	Total C.A. Charges (B)		Total	93220
C	Supervisory/Overhead /Miscellaneous Charges		10% on the total CA charges	9322
	Total C.A. Charges (B+C)		Total	<b>102542</b>
D	Catchment Area Treatment Plan (Soil and Moisture Conservation)		30% of Total CA	<b>30763</b>
E	Additional Compensatory afforestation			
	(1) 1st Year cost of afforestation	6	Rs. 359.1/- Per Plant	2155
	(2) 2nd Year maintenance	6	Rs. 115.35/- Per Plant	692
	(3) 3rd Year maintenance	6	Rs. 41.89/- Per Plant	251
	(4) 4th Year maintenance	6	Rs. 15.58/- Per Plant	93
	(5) 5th Year maintenance	6	Rs. 15.58/- Per Plant	93
	(6) 6th Year maintenance	6	Rs. 15.58/- Per Plant	93
	(7) 7th Year maintenance	6	Rs. 15.58/- Per Plant	93
	(8) 7th Year maintenance	6	Rs. 15.58/- Per Plant	93
	(9) 9th year maintenance	6	Rs. 15.58/- Per Plant	93
	(10) 10th Year maintenance	6	Rs. 15.58/- Per Plant	93
	(11) Barbed wire fencing charge	0.024	Rs. 76700/- Per RKM	1841
	Total Addl. CA Charges			5593
	Supervisory/Overhead /Miscellaneous Charges			559
	Total Addl. C.A. Charges			<b>6153</b>
F	Penal Compensatory afforestation			
	(1) 1st Year cost of afforestation	156	Rs. 359.1/- Per Plant	56020
	(2) 2nd Year maintenance	156	Rs. 115.35/- Per Plant	17995
	(3) 3rd Year maintenance	156	Rs. 41.89/- Per Plant	6535

	(4) 4th Year maintenance	156	Rs. 15.58/- Per Plant	2430
	(5) 5th Year maintenance	156	Rs. 15.58/- Per Plant	2430
	(6) 6th Year maintenance	156	Rs. 15.58/- Per Plant	2430
	(7) 7th Year maintenance	156	Rs. 15.58/- Per Plant	2430
	(8) 7th Year maintenance	156	Rs. 15.58/- Per Plant	2430
	(9) 9th year maintenance	156	Rs. 15.58/- Per Plant	2430
	(10) 10th Year maintenance	156	Rs. 15.58/- Per Plant	2430
	(11) Barbed wire fencing charge	0.624	Rs. 76700/- Per RKM	47861
	Total Penal CA Charges			145423
	Supervisory/Overhead /Miscellaneous Charges			14542
	Total Add. C.A. Charges			159966
G	Penalty for violation as per provision B(i) of MoEFCC Letter no. 11-42/2014-FC dt. 29.01.2018 with interest. Period of violation from 30.12.2019 to 25.02.2020 (No. of days=57)		Actual NPV + Interest@ 12% per annum 13837+259	14096
		Total		14096
H	Felling charges Volume (M <sup>3</sup> )	3.97	Rs. 1200/- per M <sup>3</sup>	4764
			Total	4764
I	Any other charges (if necessary)			
	Grand Total (A+B+C+D+E+F+G) to be deposited in CAMPA fund			332121

2.

**Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

- General Details:- Plantation will be done with 3 strand barbed wire.
- Spacing:- 4 × 2½ meter
- Species:- Neem, Shisham, Jamun etc.
- Plantation Method :- Tall Plantation
- Soil and Moisture Conservation Works: As per Scheme.
- Protection (Fencing, Watchman, People's Participation etc.): - Fencing
- Proposed Monitoring Mechanism:- (M&E)
- Any Other information:- Nil

Place: Sirsa

Date:

Signature

Name:

Office Seal

Jitender Ahlawat I.F.S.

Dy. Conservator of Forests

SIRSA B