

Full Title of the Project:

53

Diversion of 0.12 hect forest land in favour of Executive Engineer, Provincial Division PWD (B&R) Br. Jind for Special repair of Ramrai to Baganwala road under Forest Division & District Jind (HR).

Online Proposal No.:
Date of Proposal:

FP/HR/Road/24681/2017
09-03-2017

CHECK LIST SERIAL NUMBER:-17

"SCHEME FOR C.A."

Name of the Forest/Reach to be diverted:

Diversion of forest land in favour of Executive Engineer, Provincial Division PWD (B&R) Br. Jind for Special repair of Ramrai to Baganwala road under Forest Division & District Jind (HR).

Forest Area = 0.12 ha.

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

Division Jind

District Jind

Tehsil Jind

Range Jind

C.A. Site name : Sachhakhera Minor RD 20-24 L/s

Area to be Afforested :-

a) Whether the site selected for Compensatory Afforestation is a Land bank (Yes or No): Yes

b) If the CA site is other than the land bank, reasons be given:-
In case of non-forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary :-

i) Soil type: Clay

ii) Topography

a. Hilly/Undulating/Plain:

b. Slope:-Steep/Medium/Gentle:

Undulating
Gentle

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

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. 224/- per day as under:-

Year	Rate per Plant
1 st Year cost of afforestation	Rs. 172/- Per Plant
2 nd Year maintenance	Rs. 64/- Per Plant
3 rd Year maintenance	Rs. 32/- Per Plant
4 th Year maintenance	Rs. 25/- Per Plant
5 th Year maintenance	Rs. 26/- Per Plant
6 th Year maintenance	Rs. 15/- Per Plant
7 th Year maintenance	Rs. 8/- Per Plant
8 th Year maintenance	Rs. 9/- Per Plant
9 th Year maintenance	Rs. 10/- Per Plant
10 th Year maintenance	Rs. 11/- Per Plant
Total	Rs. 372/-

Area to be Diverted = 0.12 ha.

No. of trees to be felled= 33

Plants to be damaged= 0

Plants to be planted = 330

Area to be Planted = 0.33 (@ 1000 plant per ha.)

Additional CA in lieu of plants to be damaged (Double the plants to be damaged)= 0 Plants

S.No	DESCRIPTION		RATE	TOTAL AMOUNT (Rs.)
A	Compensatory Afforestation Charges	No. of Plants		
	(1) 1 st Year cost of afforestation	330	Rs. 172/- Per Plant	56760
	(2) 2 nd Year maintenance		Rs. 64/- Per Plant	21120
	(3) 3 rd Year maintenance		Rs. 32/- Per Plant	10560
	(4) 4 th Year maintenance		Rs. 25/- Per Plant	8250
	(5) 5 th Year maintenance		Rs. 26/- Per Plant	8580
	(6) 6 th Year maintenance		Rs. 15/- Per Plant	4950
	(7) 7 th Year maintenance		Rs. 8/- Per Plant	2640
	(8) 8 th Year maintenance		Rs. 9/- Per Plant	2970
	(9) 9 th Year maintenance		Rs. 10/- Per Plant	3300
	(10) 10 th Year maintenance		Rs. 11/- Per Plant	3630
	(11) Barbed wire fencing charge= 1.32 RKM		Rs.76700/- Per RKM	101244
	Total Charges			224004
Supervisory / Overhead / Miscellaneous Charges		10% on the CA charges	22400	
Total (A) C.A. Charges			246404	
B	Additional Compensatory Afforestation Charges			
	(1) 1 st Year cost of afforestation	0	Rs. 172/- Per Plant	0
	(2) 2 nd Year maintenance		Rs. 64/- Per Plant	0
	(3) 3 rd Year maintenance		Rs. 32/- Per Plant	0
	(4) 4 th Year maintenance		Rs. 25/- Per Plant	0
	(5) 5 th Year maintenance		Rs. 26/- Per Plant	0
	(6) 6 th Year maintenance		Rs. 15/- Per Plant	0
	(7) 7 th Year maintenance		Rs. 8/- Per Plant	0
	(8) 8 th Year maintenance		Rs. 9/- Per Plant	0
	(9) 9 th Year maintenance		Rs. 10/- Per Plant	0
	(10) 10 th Year maintenance		Rs. 11/- Per Plant	0
	(11) Barbed wire fencing charge= 0 RKM		Rs.76700/- Per RKM	0
Total (B) Addl. C.A. Charges			0	
C	Catchment Area Treatment (if required)			
	Soil and Moisture Conservation charges		30% of the Total CA	
Total (D)				
D	Safety Zone (if required)			
E	Additional Charges (if required)			
			
Total (F)				
F	Net Present Value of Forest Land to be Diverted 0.12 Ha		Rs. 887000/- per ha.	106440
G	Felling charges = 30.99 m ³		Rs.1000 /- per m ³	30990
GRAND TOTAL				383834

Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

- a) General Details:- Plantation will be done with 3 strand barbed wire.
- b) Spacement:- 4 x 2½ meter
- c) Species:- ..Kikar Shisham ,Neen ,etc.....
- d) Plantation Method :-ANR, Plantation
- e) Soil and Moisture Conservation Works
- f) Protection (Fencing, Watch man, People's Participation etc.):- **Fencing**
- g) Proposed Monitoring Mechanism:- (M&E),
- h) Any Other information:- Nil.

Place:
Dated:

Note : CF (T) should countersign this C.A. scheme if area to be afforested is more than 5 hectare.


Divisional Forest Officer
Jind Forest Division
Jind Forest Division
JIND