

Full Title of the Project - : Diversion of 0.702 ha for laying DI water Drinking Pipe line along Janauli-Mandkola road , R/side, Mandkokla-Devli-Baghola road, L/side and Tatarpur chowk to Asaoti road, L/side under forest Division & District Palwal, Haryana.

File No. :

FP/HR/PIPELINE/37285/2018

Date of Proposal:

CHECK LIST SERIAL NUMBER:-18

"CA SCHEME"

Name of the Forest/Reach to be : Diversion of 0.702 ha for laying DI water Drinking Pipe line along Janauli-Mandkola road , R/side, Mandkokla-Devli-Baghola road, L/side and Tatarpur chowk to Asaoti road, L/side under forest Division & District Palwal, Haryana.

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

Division: -Nuh District -Nuh

Tehsil Tauru Range Nuh

C.A. Site name : Bissar Akbarpur Sec 4-5

GPS Reading :- CA (Area $0.702 \times 2 = 1.404$ ha.)

Bissar Akbarpur Sec 4&5

N 28.305725 E 76.953322

N 28.306021 E 76.950705

N 28.306853 E 76.95123

N 28.307815 E 76.952075

N 28.308117 E 76.954399

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:- **N.A.**
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: **Sandy to Sandy Loam.**
 - ii) Topography
 - a. Hilly/Undulating/Plain: **Undulating**
 - b. Slope:-Steep/Medium/Gentle: **Gentle to steep**
 - iii) Whether the area is bearing any root stock of vegetation:- **At some hilly places.**

Plantation Model:-

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

I. Schedule of Plantation Programme:-

Detail of year wise break-up of requirements of funds is as under:-

The Plantation is calculated for **Plantation as per Tall Plants**. At 5m X 4m spacing and **250 plants per Hec.** at the wages rate approved 2018-19 at Rs326.82/- as per wage plants as under:-

Sr. No.	Year	Rate per plant
1	1 st Year Plantation	359.10/- Per Plant
2	2 nd Year Maintenance	115.35/- Per Plant
3	3 rd Year Maintenance	41.89/- Per Plant
4	4 th Year Maintenance	15.58/- Per Plant
5	5th Year Maintenance	15.58/- Per Plant
6	6th Year Maintenance	15.58/- Per Plant
7	7th Year Maintenance	15.58/- Per Plant
8	8th Year Maintenance	15.58/- Per Plant
9	9th Year Maintenance	15.58/- Per Plant
10	10th Year Maintenance	15.58/- Per Plant
	Total Cost.	625.40/-

Area to be Diverted = **0.702 ha.**

No. of trees to be felled= **Nil**

Plants to be damaged= **Nil**

Plants to be planted= **1404 No.**

Area to be planted = Two time of the area to be diverted= **0.702x2=1.404 ha.**

Plants to be Planted = **1404 (@ 1000 plant per ha.)**

Additional C.A in lieu of plants to be damaged (Double) the plants to be damaged) **Nil**

S. No.	Description	Total Area	Rate	Total Amount (Rs.)
A	Compensatory Afforestation Charges	No. of plants		
1	1st Year Plantation	1404	359.10/- Per Plant	504176.4
2	2nd Year Plantation	1404	115.35/- Per Plant	161951.4
3	3rd Year Plantation	1404	41.89/- Per Plant	58813.56
4	4th Year Plantation	1404	15.58/- Per Plant	21874.32
5	5th Year Plantation	1404	15.58/- Per Plant	21874.32
6	6th Year Plantation	1404	15.58/- Per Plant	21874.32
7	7th Year Plantation	1404	15.58/- Per Plant	21874.32
8	8th Year Plantation	1404	15.58/- Per Plant	21874.32
9	9th Year Plantation	1404	15.58/- Per Plant	21874.32
10	10th Year Plantation	1404	15.58/- Per Plant	21874.32
11	Barbed Wire Fencing Charge	5.616 RKM	Rs. 160000 per km.	898560
	Total Charges)			1776622
	Supervisory/Overhead/Miscellaneous		10% On the CA	177662

	Charges		Charges	
	Total (A) C.A Charges			1954284
	Additional Compensatory Afforestation Charges			
B	Compensatory Afforestation Charges	No. of Plants		
1	1st Year Plantation	0	359.10/- Per Plant	0
2	2nd Year Plantation	0	115.35/- Per Plant	0
3	3rd Year Plantation	0	41.89/- Per Plant	0
4	4th Year Plantation	0	15.58/- Per Plant	0
5	5th Year Plantation	0	15.58/- Per Plant	0
6	6th Year Plantation	0	15.58/- Per Plant	0
7	7th Year Plantation	0	15.58/- Per Plant	0
8	8th Year Plantation	0	15.58/- Per Plant	0
9	9th Year Plantation	0	15.58/- Per Plant	0
10	10th Year Plantation	0	15.58/- Per Plant	0
11	Barbed Wire Fencing Charge=	0 RKM	Rs. 160000 per km.	0
	Total (B) Addl. C.A Charges			0
C	Catchment Area Treatment (if required)			0
	Soil and Moisture Conservation Charges		30% of the Total C.A	586285
D	Safety Zone (if required)			0
E	Additional Charges (if required)			0
F	Net Present Value of Forest Land to be diverted		Rs. 887000/- per ha.	622674
G	Felling Charges = M ³		Rs.1200/- per m ³	0
H	Exigency Charges 3% of the Total Cost of (A+B+C+D+E+F+G)			94897
	GRANT TOTAL			3258140

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 × 5 meter
- Species:- Siras (Albizia lebbek), Shisham (Dalbergia sissoo), Neem (Azadirachta indica), *Pahari palni (Moloptelea integrifolia)*
- Plantation Method :- Tall Plantation
- Soil and Moisture Conservation Works:-
- Protection (Fencing, Watch man, People's Participation etc.): - Fencing
- Proposed Monitoring Mechanism:- (M&E),
- 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
Mewat Forest Division
Mewat-Nuh
10/10/2018