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**Title of the Project:** Diversion of 0.1929 hac.(Jharsa Bandh) forest land Falling in khasra no 152 in revenue estate of Village- Jharsa , Tehsil & Distt. Gurugram for regularization under law, on being erroneously transferred by HUDA. Under the directions of all cometetent authorities given in meeting dated 17.05.2019. in Gurugram District, Under Forest Division and Distt. Gurugram.

**File No. :**

**FP/HR/APPROCH/41638/2019**

**Date of Proposal:**

**CHECK LIST SERIAL NUMBER: - 18**

**"SCHEME FOR COMPENSATORY AFFORESTATION**

Detail scheme for Compensatory Afforestation in lieu of proposal for diversion of 0.1929 Hec. of forest land for regularization under law, on being erroneously transferred by HUDA Under the direction of all cometetent authorities given in jmeetin dated 17.05.2019. in Under Forest Division and District Gurugram.

**1. Details of degraded forest land/non-forest land: -**

District: -Gurgaon

Tehsil: Gurugram

Forest Division: - Gurgaon

Range: Gurugram

Block/Compt/Survey No.: - Rojka Gujjar Sec. 4& 5

Area to be afforested: 386 Plants & 3860 penal plants will be planted.

GPS Reading:- N 28°19'12.82" E 77°09'31.25" N 28°19'25.54" E 77°09'36.04" N 28°19'12.31" E 77°09'37.56"

**2. Description of the Area:-**

- Whether the site selected for Compensatory Afforestation is a land bank (Yes or No):- the site selected for Compensatory Afforestation is not a land bank.
- If the CA site is other than the land bank, reasons are given:-There is no land bank in District Gurgaon. Plantation will be carried in Rojka Gujjar Sec. 4&5
- In case of Non-Forest area identified for CA, then what is the distance of CA site from adjoining forest boundary: - CA will be carried in Rojka Gujjar Sec. 4&5
- d) Soil type: - Arid brown soil with texture varies from sandy loam to clay.
- Topography:-
  - a. Hilly/Undulating/Plain Hilly
  - b. Slope: - Steep/Medium/Gentle Gentle
- f) Whether the area is bearing any root stock of vegetation:- No

**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 is calculated for Plantation as per Tall Plants. At 4m X 2.5 m spacing at the wages rate of Rs.339.51/- per day as under:-

Sr. No.	Year	Cost norm per plant
1	1 <sup>st</sup> Year Plantation	585.27/- Per Plant
2	2 <sup>nd</sup> Year Maintenance	173.85/- Per Plant
3	3 <sup>rd</sup> Year Maintenance	80/- Per Plant
4	4 <sup>th</sup> Year Maintenance	21.19/- Per Plant
5	5th Year Maintenance	21.19/- Per Plant
6	6th Year Maintenance	21.19/- Per Plant
7	7th Year Maintenance	21.19/- Per Plant
8	8th Year Maintenance	21.19/- Per Plant
9	9th Year Maintenance	21.19/- Per Plant
10	10th Year Maintenance	21.19/- Per Plant
	Total Cost.	



Area to be diverted: **0.1929 Hec.**

Area to be planted (One/two/ten times the diverted area) = **386 Plants & 3860 penal plants will be planted (5mx4m)**

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

No. of Plants to be damaged= **Nil**

Number of Plants to be planted (@ 1000 Plant per Hec.) = **3860 Plants & 3860 penal plants will be planted**

S.No.	Description	Total Area	Rate	Total Amount (Rs.)
A	Net Present Value of Forest Land to be diverted	0.1929	Rs. 8.87 Lacs/Ha.	171102.30
B	Compensatory Afforestation Charges	No. of Plants		
1	1st Year Plantation	386	585.27/- Per Plant	225914.22
2	2nd Year Plantation	386	173.85/- Per Plant	67106.1
3	3rd Year Plantation	386	80/- Per Plant	30880
4	4th Year Plantation	386	21.19/- Per Plant	8179.34
5	5th Year Plantation	386	21.19/- Per Plant	8179.34
6	6th Year Plantation	386	21.19/- Per Plant	8179.34
7	7th Year Plantation	386	21.19/- Per Plant	8179.34
8	8th Year Plantation	386	21.19/- Per Plant	8179.34
9	9th Year Plantation	386	21.19/- Per Plant	8179.34
10	10th Year Plantation	386	21.19/- Per Plant	8179.34
	Total Charges			381155.7
<b>PENAL COMPENSATORY AFFORESTATION</b>				
1	1st Year Plantation	3860	585.27/- Per Plant	2259142.2
2	2nd Year Plantation	3860	173.85/- Per Plant	671061.00
3	3rd Year Plantation	3860	80/- Per Plant	308800.00
4	4th Year Plantation	3860	21.19/- Per Plant	81793.40
5	5th Year Plantation	3860	21.19/- Per Plant	81793.40
6	6th Year Plantation	3860	21.19/- Per Plant	81793.40
7	7th Year Plantation	3860	21.19/- Per Plant	81793.40
8	8th Year Plantation	3860	21.19/- Per Plant	81793.40
9	9th Year Plantation	3860	21.19/- Per Plant	81793.40
10	10th Year Plantation	3860	21.19/- Per Plant	81793.40
C	Total Charges			3811557.00
D	Barbed Wire Fencing Charge	16.984	Rs. 76700/- Per RKM	1302673
E	Supervisory/Overhead/Miscellaneous Charges		10% On the total CA Charges	38115.57
F	Soil & Moisture Conservation Charges		30% of Total CA	1257813.81
G	Compensation against loss of Trees			0.00
H	Felling Charges Volume=	0	Rs.1200/- per m3	0.00
I	Exigency Charges 3% of the Total Cost of (A+B+C+D+E+F+G+H )			208872.52
<b>TOTAL (A+B+C+D+E+F+G+H+I)</b>				<b>7171290</b>

##### 5. Technical details:-



Technical details of Compensatory Afforestation Scheme are as follows:-

- a) General Details: - **Plantation will be done in Rojka Gujjar Sec. 4&5**
- b) Spacing: - **5m X 4m Plantation**
- c) Species: - **Neem, Papri, Belpatra etc.**
- d) Plantation Method: - **Tall Plant**
- e) Soil and Moisture Conservation Works: - **Nil**
- f) Protection (Fencing, Watch man, People's Participation etc.): - **Fencing**
- g) Proposed Monitoring Mechanism: - **Checking of plantation works will be RFO, DCF, CF, and DCF, (M&E)**
- h) Any other information: - **Nil**

Date....15-10-19  
Place :- Gurgaon.

Divisional Forest Officer  
Forest Division  
Office Seal  
GURGRAM