

Full Title of the Project: Diversion of 2.788 ha .of forest land for laying DI pipe 900 mm I/d alongwith Hathin Distributery, Kot Bahin Minor, Gaunchi Drain, Siha Minor, along with Agra Canal, Bata Escape & village Bhawana to Mustabad, under Forest Division & District Palwal, Haryana.

File No. : FP/HR/Water/36822/2018

Date of Proposal:

## CHECK LIST SERIAL NUMBER - 17

### LOCATION MAP

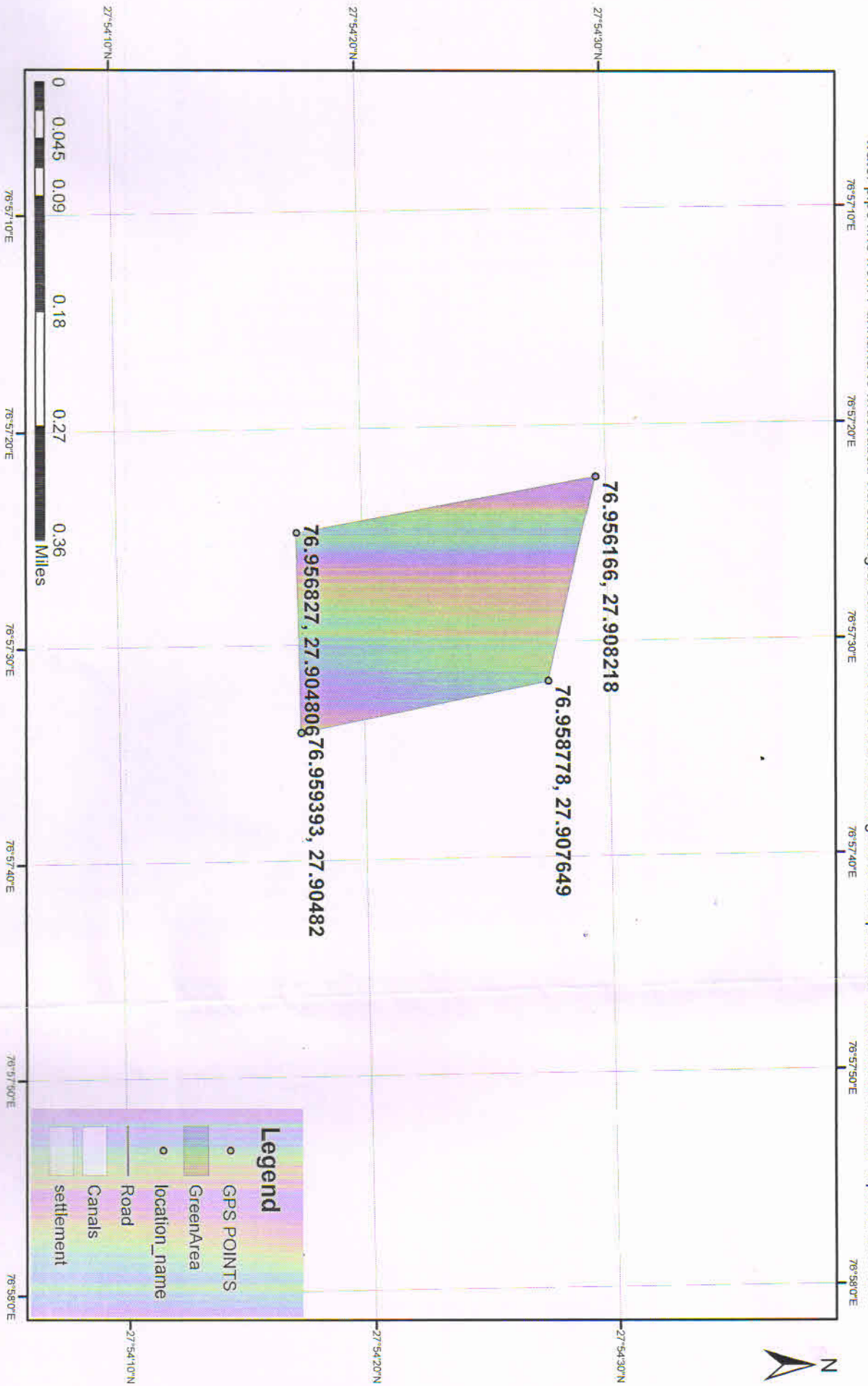
Location Map of Non-Forest/Degraded Forest Area identified for Compensatory Afforestation in lieu of proposal for : Diversion of 2.788 ha .of forest land for laying DI pipe 900 mm I/d alongwith Hathin Distributery, Kot Bahin Minor, Gaunchi Drain, Siha Minor, along with Agra Canal, Bata Escape & village Bhawana to Mustabad, under Forest Division & District Palwal, Haryana.

Village: **Nangal Mubarikpur Sec 4-5** Tehsil: **Firozpur Jhirka** District: **Nuh-Mewat**  
Forest Division: **Nuh** Forest Range: **Firozpur Jhirka** Block No./Compartment  
No./Survey No.:- Protected Forests Area:- **2.788 Ha. Twice area 5.576 Ha**

Date:-  
Place:- Mewat

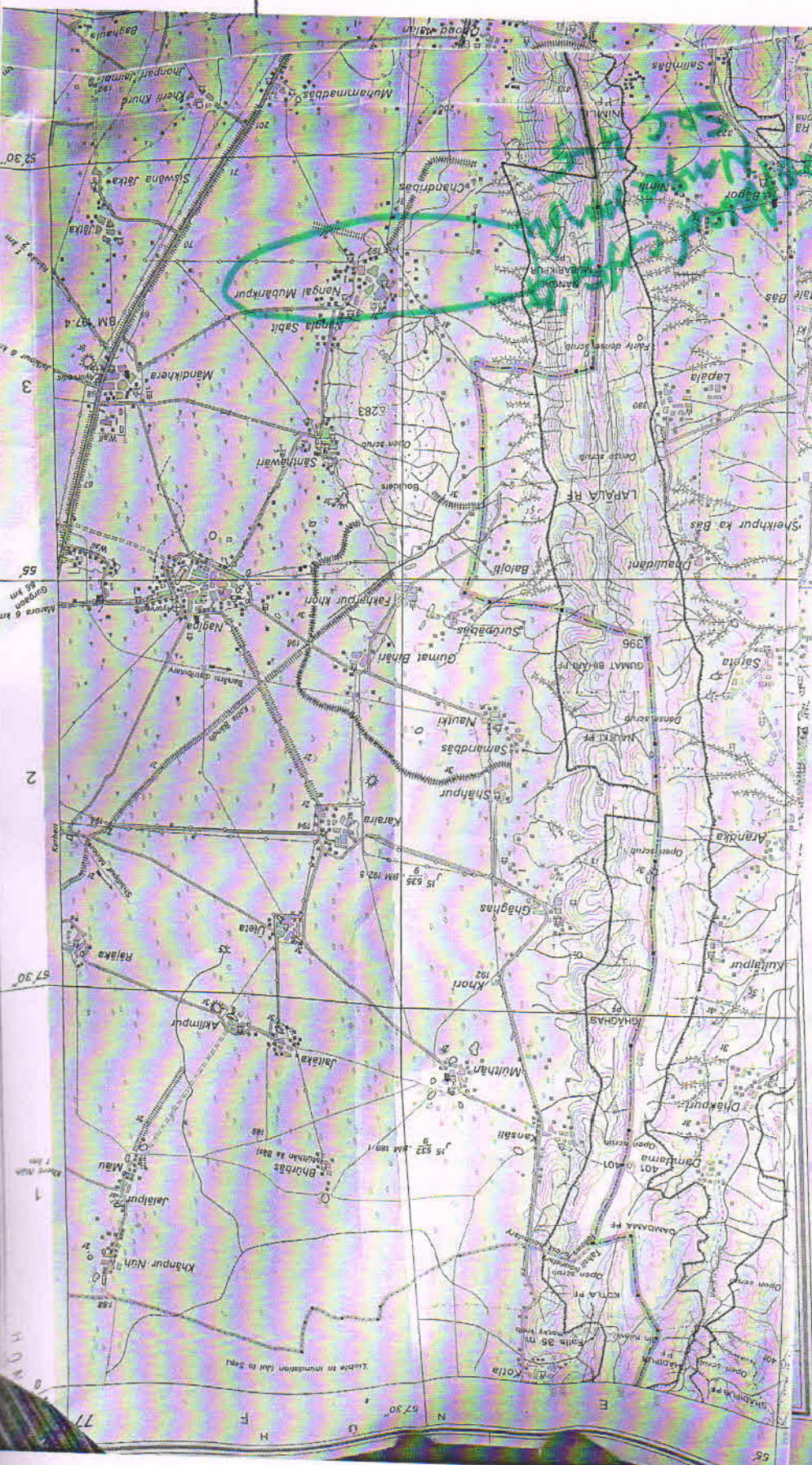
Divisional Forest Officer.  
Mewat-Nuh  
Nangal Forest Divn

DGPS MAP ON Nangal Mubarikpur\_Aravalli Plantation for diversion of forest land for Laying DI pipe line 900 MID drinking water pipe line from Punhana to Mustabad via siha Agra Canal-Ghasera for 80 No. village and Firozpur Zirka Town in Nuh District. Proposal no. 36822



Divisional Forest Officer  
Muzaffargarh District  
NUE

Divisional Forest Officer  
Mewat Forest Dept  
NITH



CONVENTIONAL SYMBOLS

	Express highway: with toll; with bridge; with distance stone
	Roads, metalled: according to importance
	Unmetalled road: Cart-track; Pack-track with pass; Foot-path
	Streams: with track in bed; undefined; Canal
	Rivers: dry; with water channel; with island & rocks; Tidal river
	Embankment: road or rail; bank; Broken ground
	Railways, broad gauge; double; single with distance stone; do.
	Mine: shaft; other features: Rocky slopes; Cleft
	Towns or Villages: unlabelled; deserted; Fort
	Temples: Chhattr; Church; Mosque; Jagah; Tomb; Graves
	Lighthouses: Lightship; buoy; lighted anchorage
	Mine: vein on table; Dress; Sculp

1st Edition: 2007.  
Price: Rs. 77/-  
SURVEY OF INDIA  
श्रीवर्षा शिवाजी

1 Bharatpur, RAJASTHAN. 2 Faridabad, HARYANA. 3 Gurgaon, HARYANA.	G43E10	G43E14	G43F2
4 Alwar, RAJASTHAN	G43E9	G43E13	G43F1
5 Rawat, HARYANA	H43W16	H43X4	

NOT FOR EXPORT  
OPEN SERIES  
MAP  
No. G43E13  
Scale 1:50,000

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**CHECK LIST SERIAL NUMBER:-18**  
**“CA SCHEME”**

Name of the Forest/Reach to be : Diversion of 2.788 ha .of forest land for laying DI pipe 900 mm I/d alongwith Hathin Distributery, Kot Bahin Minor, Gaunchi Drain, Siha Minor, along with Agra Canal, Bata Escape & village Bhawana to Mustabad, 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 Firozpur Jhirka Range Firozpur Jhirka  
C.A. Site name : Nangal Mubarikpur Sec 4-5

GPS Reading :- CA + Additional CA Total Area 5.576 ha.

Nangal Mubarikpur Sec 4&5  
N 27.904806 E 76.956827  
N 27.90482 E 76.959393  
N 27.907649 E 76.958778  
N 27.908218 E 76.956166

- 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 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	Total Cost.
1	1 <sup>st</sup> Year Plantation	359.10/- Per Plant	
2	2 <sup>nd</sup> Year Maintenance	115.35/- Per Plant	
3	3 <sup>rd</sup> Year Maintenance	41.89/- Per Plant	
4	4 <sup>th</sup> Year Maintenance	15.58/- Per Plant	
5	5 <sup>th</sup> Year Maintenance	15.58/- Per Plant	
6	6 <sup>th</sup> Year Maintenance	15.58/- Per Plant	
7	7 <sup>th</sup> Year Maintenance	15.58/- Per Plant	
8	8 <sup>th</sup> Year Maintenance	15.58/- Per Plant	
9	9 <sup>th</sup> Year Maintenance	15.58/- Per Plant	
10	10 <sup>th</sup> Year Maintenance	15.58/- Per Plant	
			625.40/-

Area to be Diverted = 2.788 ha.

No. of trees to be felled= Nil

Plants to be damaged= Nil

Plants to be planted= 5576 No.

Area to be planted = Two time of the area to be diverted= 2.788x2=5.576 ha.

Plants to be Planted = 5576 (@ 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	Amount (Rs.)
A	Compensatory Afforestation Charges	No. of plants		
1	1 <sup>st</sup> Year Plantation	5576	359.10/- Per Plant	2002341.6
2	2 <sup>nd</sup> Year Plantation	5576	115.35/- Per Plant	643191.6
3	3 <sup>rd</sup> Year Plantation	5576	41.89/- Per Plant	233578.64
4	4 <sup>th</sup> Year Plantation	5576	15.58/- Per Plant	86874.08
5	5 <sup>th</sup> Year Plantation	5576	15.58/- Per Plant	86874.08
6	6 <sup>th</sup> Year Plantation	5576	15.58/- Per Plant	86874.08
7	7 <sup>th</sup> Year Plantation	5576	15.58/- Per Plant	86874.08
8	8 <sup>th</sup> Year Plantation	5576	15.58/- Per Plant	86874.08
9	9 <sup>th</sup> Year Plantation	5576	15.58/- Per Plant	86874.08
10	10 <sup>th</sup> Year Plantation	5576	15.58/- Per Plant	86874.08
11	Barbed Wire Fencing Charge	22.30 RKM	Rs. 160000 per km.	3568000
	(Total Charges)			7055230

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:-  
Ranj (Acacia leucophloea), Khairi (Prosopis cineraria), Pahari Papri (Holoptelea integrifolia), Neem (Azadirachta indica)
  - 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  
Mewar-NBH  
Mewar Forest Division

Supervisory/Overhead/Miscellaneous Charges	10% On the CA Charges	705523	Total (A) C.A Charges	7760753
Additional Compensatory Afforestation Charges				
Compensatory Afforestation Charges				
No. of Plants				
1	1st Year Plantation	359.10/- Per Plant	0	0
2	2nd Year Plantation	115.35/- Per Plant	0	0
3	3rd Year Plantation	41.89/- Per Plant	0	0
4	4th Year Plantation	15.58/- Per Plant	0	0
5	5th Year Plantation	15.58/- Per Plant	0	0
6	6th Year Plantation	15.58/- Per Plant	0	0
7	7th Year Plantation	15.58/- Per Plant	0	0
8	8th Year Plantation	15.58/- Per Plant	0	0
9	9th Year Plantation	15.58/- Per Plant	0	0
10	10th Year Plantation	15.58/- Per Plant	0	0
11	Barbed Wire Fencing Charge=	0 RKM	Rs. 160000 per km.	0
Total (B) Addl. C.A Charges		0		
Catchment Area Treatment (if required)		0		
Soil and Moisture Conservation Charges		30% of the Total C.A		
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.		
G	Felling Charges = M <sup>3</sup>	0 M <sup>3</sup>	Rs. 1200/- per m <sup>3</sup>	0
H	Exigency Charges 3% of the Total Cost of (A+B+C+D+E+F+G)	376858		
GRANT TOTAL				
12938793				

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**LAND SUITABILITY CERTIFICATE BY THE DFO**

This is to certify that 5.576 ha land bearing Survey No./ Compartment No. \_\_\_ of village **Nangal Mubarikpur Sec 4&5** Tehsil Firozpur Jhirka District Nuh-Mewat identified for Compensatory Afforestation is suitable for undertaking plantation from the management point of view from is free and all sorts of encumbrances and encroachments.

Date:  
Place:- Mewat-Nuh

Divisional Forest Officer,  
Mewat Forest Division  
Nuh  
Office Seal.....