

उप वन संरक्षक (क्षेत्रीय), झज्जर

नजदीक बाग जॉहआरा स्टेडियम, वन परिसर, झज्जर

दूरभाष 01251-257258 e-mail:- dfojajjar@gmail.com, dfojajjar@rediffmail.com

क्रमांक:- 727

दिनांक: 18/8/22

सेवा में

अतिरिक्त प्रधान मुख्य वन संरक्षक (एफ0सी0ए0),
पंचकुला, हरियाणा।

विषय:-

Diversion of 0.6906 ha. of forest land Executive Engineer, Public Health, Division No. 1, Jhajjar for laying of DI Raw water pipeline from JLN Canal for getting Raw Water by pumping for rising main 03 Nos. of water works Kheri Khummar, Khatiwas and Talao, under Forest Division and District Jhajjar, Haryana. (Online Proposal No. FP/HR/Water/152352/2022).

संदर्भ:-

आपका पत्रांक ई0/132-63 दिनांक 28.07.2022.

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जाती है:-

- उपरोक्त विषय के संबंध में संदर्भित पत्र द्वारा मांगी गई सूचना निम्नप्रकार से भेजी जाती है:-
- Amount of barbed wire fencing seems to be more in CA Scheme. So reexamine CA Scheme and submit site specification scheme as earliest.
Barbed wire fencing की राशि रिवाइज कर दी गई है। (प्रति संलग्न)
 - In column No. 13(i) of online part II, plantation area is mention as 0.6906Ha. instead of 1.772Ha.
उक्त सूचना सही करके अपलोड कर दी गई है। (प्रति संलग्न)
 - FRA certificate/undertaking to provide FRA certificate be submitted.
इस कार्यालय के पत्रांक 780 दिनांक 20.06.2022 द्वारा उपायुक्त, झज्जर को FRA certificate भेजने हेतु लिखा गया है। जैसे ही उक्त सूचना प्राप्त होगी, आपको भेज दी जायेगी।
 - Density of vegetation mentioned as 0.007 needs to be corrected.
उक्त सूचना सही करके अपलोड कर दी गई है। (प्रति संलग्न)
 - Separate NPV calculation sheet is required to be uploaded.
Separate NPV calculation sheet की प्रति संलग्न है।

संलग्न/ उपरोक्त

V.K. Singh
उप वन संरक्षक,
झज्जर।

पृ0क्रमांक:- 728

दिनांक:- 18/8/22

इसकी एक प्रति मुख्य वन संरक्षक, मध्य परिमण्डल रोहतक को सूचनार्थ एवं आगामी आवश्यक कार्यवाही हेतु प्रेषित है।

V.K. Singh
उप वन संरक्षक,
झज्जर।

Full Title of the Project: Diversion of 0.6906 Ha. of Forest land for laying of DI Raw Water pipe line from JLN Canal for getting Raw Water by pumping for rising main 3 nos. of Water Works i.e. Kheri Khummar, Khatiwas, Talao by Executive Engineer, Public Health Engg. Division No.1, Jhajjar under Forest Division and Dist. Jhajjar.

Proposal No. : FP/HR/Water/152352/2022

Date of Proposal: 19 Feb, 2022

PART - II

(To be filled by the concerned Deputy Conservator of Forests)

State Serial No. of Proposal _____

7. Location of the Project/scheme

- | | | |
|--------|--|--|
| (i) | State/Union Territory | Haryana |
| (ii) | District | Jhajjar |
| (iii) | Forest Division | Jhajjar Forest Division |
| (iv) | Area of Forest land proposed | (0.6906 Ha.) for laying of DI Raw Water pipe line from JLN Canal for getting Raw Water by pumping for rising main 3 nos. of Water Works i.e. Kheri Khummar, Khatiwas, Talao by Executive Engineer, Public Health Engg. Division No.1, Jhajjar under Forest Division and Dist. Jhajjar. |
| (v) | Legal status of the Forest | Protected Forest |
| (vi) | Density of vegetation | 0.1 |
| (vii) | Species-wise (Scientific names) and diameter class-wise enumeration of trees to be enclosed. In case of irrigation/hydel projects, enumeration at FRL, FRL-2 meter & FRL-4 meter also to be enclosed. | Abstract Attached |
| (viii) | Brief note on vulnerability of the forest area to erosion. | NA |
| (ix) | Approximate the distance of proposed site for diversion from the boundary of forests. | Near the boundary of forest (as show in the map) |
| (x) | Whether forms part of a nation park, wildlife sanctuary, biosphere reserve, tiger reserve, elephant corridor, etc. (if so, the details of the area, and comments of the Chief Wildlife Warden to be annexed). | - No- |
| (xi) | Whether any rare/endangered/unique species of flora and fauna found in the area-if so details thereof. | - No- |

- (xii) Whether any protected archaeological/heritage site/defence establishment or any other important monument is located in the area. If so, the details thereof with NOC from competent authority.

- No -

8. Whether the requirement of forest land as proposed by the user agency in col. 2 of part-I is unavoidable and barest minimum for the project, if no, recommended area item-wise with details of alternatives examined.

Proposal submitted for Diversion of 0.6906 Ha. of Forest land for laying of DI Raw Water pipe line from JLN Canal for getting Raw Water by pumping for rising main 3 nos. of Water Works i.e. Kheri Khummar, Khatiwās, Talao by Executive Engineer, Public Health Engg. Division No.1, Jhajjar under Forest Division and Dist. Jhajjar.

9. Whether any work in violation of various Forest Acts has been carried out (Yes/No). If yes, details of the same including period of work done, action taken against the erring officials. Whether work done in violation is still in progress.

-N/A-

10. Details of compensatory afforestation scheme:

- (i) Details of non-forest area/ degraded forest area identified for compensatory afforestation, its distance from adjoining forest, number of patches, size of each patch.

Scheme Attached

- (ii) Map showing non-forest/degraded forest area identified for compensatory afforestation and adjoining forest boundaries.

Map / Survey sheet Attached

- (iii) Detailed compensatory afforestation scheme including species to be planted, implementing agency, time schedule, cost structure, etc.

As shown in the attached scheme

- (iv) Total financial outlay for compensatory afforestation scheme.

Rs 4585953/-

- (v) Certificate from competent authority regarding suitability of area identified for compensatory afforestation and from management point of view. (To be signed by the concerned italics Deputy Conservator of Forests.

11. Site inspection report of the DCF (to be enclosed) especially highlighting facts asked in col. 7 (xi, xii), 8 and 9 above.

Inspection report attached

12. Division/District profile:

- (i) Geographical area of the district.

1834Sq. Km = 183400Ha.

- (ii) Forest area of the district.

3991.78Ha.

- (iii) Total forest area diverted since 1980 with number of cases.

No. 222 cases = 246.79Ha.

- (iv) Total compensatory afforestation stipulated in the district/division since 1980 on
= 900.81RKM = 307.74Ha
- (a) Forest land including penal compensatory afforestation,
0.897RKM = 0.4485Ha.
- (b) Non Forest land.
21.4Ha.
- (v) Progress of compensatory afforestation as on (date) 31-3-2022 on
- (a) Forest land.
900.81RKM = 307.74Ha.
- (b) Non-Forest land.
Nil

13. Specific recommendations of the DCF for acceptance or otherwise of the proposal with reason.

Proposal needs acceptance as there is no other alternative for Diversion of 0.6906 Ha. of Forest land for laying of DI Raw Water pipe line from JLN Canal for getting Raw Water by pumping for rising main 3 nos. of Water Works i.e. Kheri Khummar, Khatiwas, Talao by Executive Engineer, Public Health Engg. Division No.1, Jhajjar under Forest Division and Dist. Jhajjar.

Date: - 18-08-2020

Place:- Jhajjar

Signature

Name *V.K. Singh*
Dy. Conservator of Forests

Official Seal

Territorial JHAJJAR *etc*

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Full Title of the Project: Diversion of 0.6906 Ha. of Forest land for laying of DI Raw Water pipe line from JLN Canal for getting Raw Water by pumping for rising main 3 nos. of Water Works i.e. Kheri Khummar, Khatiwas, Talao by Executive Engineer, Public Health Engg. Division No.1, Jhajjar under Forest Division and Dist. Jhajjar.

Proposal No. : FP/HR/Water/152352/2022
Date of Proposal: 19 Feb, 2022

CHECK LIST SERIAL NUMBER: 14

Species wise ABSTRACT of Trees detail

Spp.	V	IV	III	IIA	IIB	IA	IB	Total	Vol
Kikar	0	0	0	1	0	1	0	2	3.96
Musket	0	0	0	0	1	0	0	1	1.98
Total	0	0	0	1	1	1	0	3	5.94

V.K. Singh
Dy. Conservator of Forests
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Jhajjar Forest Division.
Territorial JHAJJAR

Marking List / Feeling Register

Lot No.....Year.....List of trees marked in

Forest Strip:- Jahazgarh Palra Road Km 1-2 and Jhajjar Dadri Road Km 7-8

Beat :- Range :- Jhajjar On.....

Authority for marking.....

Compertmet/ pe/RD/Km NO.	Left or Right	Marking No.	Enumeration No.	Species	Girth	Class	Volume	Condition f Tree green/dry sound/unsound	Remarks
1	2	3	4	5	6	7	8	9	10
Jahazgarh Palra Road Km 1-2	L/Side	1	12	Kikar	188	IA		Green Standing	
-do-	-do-	2	32	Muskat	170	IIB		-do-	
Jhajjar Dadri Road Km 7-8	-do-	3	22	Kikar	123	IIA		-do-	

Abstract

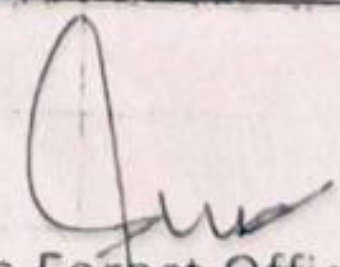
Species	V	IV	III	IIA	IIB	IA	IB	TOTAL	VOLUME
Kikar	0	0	0	1	0	1	0	2	3.96
Misc	0	0	0	0	1	0	0	1	1.98
TOTAL	0	0	0	1	1	1	0	3	5.94
Tall Plants								130	
Under Size								65	
Total								195	

GPS Reading R/Side

Start Point		End Point	
Longitude	Latitude	Longitude	Latitude
E 076° 31' 23.44"	N 28° 39' 34.53"	E 076° 37' 14.24"	N 28° 37' 13.49"
E 076° 31' 23.41"	N 28° 39' 34.53"	E 076° 37' 14.26"	N 28° 37' 13.48"

Deepak Kumar

Abhay Singh fo.



Range Forest Officer,
Jhajjar

95 *V.K. Singh*
Dy. Conservator of Forests
Territorial JHAJJAR
[Signature]

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Date of Proposal: 19 Feb, 2022

CHECK LIST SERIAL NUMBER:-17
"SCHEME FOR C.A."

Name of the Forest/Reach to be diverted

Forest Area = 0.6906 Ha.

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

Division:- **Jhajjar** District :- **Jhajjar** Tehsil: **Matanhail** Range:- **Matanhail**

Jhajjar Nala, KM 4 to 7

Start E 28° 34' 43.05" N 76° 40' 47.17"

End E 28° 34' 38.49" N 76° 40' 51.71"

Area to be Afforested :-

- a) Whether the site selected for Compensatory Afforestation is a Land bank (Yes or No):
- 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: **Good**
- ii) Topography a. Hilly/Undulating/Plain: **Plain**
b. Slope:-Steep/Medium/Gentle: **Gentle**
- iii) 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. 377.04 per day Cost considering an increase by 10% every year in Wage rates as per annexure 1) as under:-

Year	Wage Rate (in Rs.)
1 st Year cost of afforestation	388.64 x 1.1=427.5
2 nd Year maintenance	92.92 x (1.1) ² =112.43
3 rd Year maintenance	55.01 x (1.1) ³ =73.21
4 th Year maintenance	22.80 x (1.1) ⁴ =33.38
5 th Year maintenance	22.80 x (1.1) ⁵ =36.72
6 th Year maintenance	22.80 x (1.1) ⁶ =40.39
7 th Year maintenance	22.80 x (1.1) ⁷ =44.43
8 th Year maintenance	22.80 x (1.1) ⁸ =48.87
9 th Year maintenance	22.80 x (1.1) ⁹ =53.76
10 th Year maintenance	22.80 x (1.1) ¹⁰ =59.13
Total	929.82

Area to be Diverted : 0.6906ha.

No. of Trees to be felled : 3 = 5.94m³

No. of Plants to be damaged :0

Area to be planted under normal CA 1.382 ha.

Plants to be Planted under normal CA : 1382 plants (@ 1000 plants per ha.)

Additional C.A. in lieu of plants to be damaged (Double the plants to be damaged) = 390 no.

Area to planted under Addl. CA : 0.390 ha. (@ 1000 plants per ha.)

Total No. of plants to be planted (CA+Addl.CA) : 1772plants

Total Area to be planted (CA+Addl.CA) : 1.772 (@ 1000 plants per ha.)

S.No	DESCRIPTION		RATE	TOTAL AMOUNT (Rs.)
A ²	Compensatory Afforestation Charges	No. of Plant		
	(1) 1 st Year cost of afforestation	1382	Rs. 427.5 Per Plant	590805
	(2) 2 nd Year maintenance	1382	Rs.112.43 Per Plant	155378
	(3) 3 rd Year maintenance	1382	Rs. 73.21 Per Plant	101176
	(4) 4 th Year maintenance	1382	Rs. 33.38 Per Plant	46131
	(5) 5 th Year maintenance	1382	Rs. 36.72 Per Plant	50747
	(6) 6 th Year maintenance	1382	Rs. 40.39 Per Plant	55819
	(7) 7 th Year maintenance	1382	Rs. 44.43 Per Plant	61402
	(8) 8 th Year maintenance	1382	Rs. 48.87 Per Plant	67538
	(9) 9 th Year maintenance	1382	Rs. 53.76 Per Plant	74296
	(10) 10 th Year maintenance	1382	Rs. 59.13 Per Plant	81718
	(11) Barbed wire fencing charge	RKM 6	Rs.200000/- Per RKM	1200000
	Total Charges			2485010
	Supervisory / Overhead / Miscellaneous Charges		10% on the CA charges	248501
	Total (A) C.A. Charge			2733511
B	Additional Compensatory Afforestation Charges			
	(1) 1 st Year cost of afforestation	390	Rs. 427.5 Per Plant	166725
	(2) 2 nd Year maintenance	390	Rs.112.43 Per Plant	43848
	(3) 3 rd Year maintenance	390	Rs. 73.21 Per Plant	28552
	(4) 4 th Year maintenance	390	Rs. 33.38 Per Plant	13018
	(5) 5 th Year maintenance	390	Rs. 36.72 Per Plant	14321

(6)	6 th Year maintenance	390	Rs. 40.39 Per Plant	15752
(7)	7 th Year maintenance	390	Rs. 44.43 Per Plant	17328
(8)	8 th Year maintenance	390	Rs. 48.87 Per Plant	19059
(9)	9 th Year maintenance	390	Rs. 53.76 Per Plant	20966
(10)	10 th Year maintenance	390	Rs. 59.13 Per Plant	23061
(11)	Barbed wire fencing charge	RKM	Include in CA Fencing	0
		0		
Total (B) Addl. C.A. Charges				362630
C	Penal C.A.			0
D	Catchment Area Treatment			
	Soil and Moisture Conservation charges		30% of the Total CA	820053
	Total (D)			
E	Safety Zone (if required)			
F	Additional Charges (if required)		0	0
	Total (F)			
G	Felling charges	Vol. M ³ 5.94	Rs.1400 /- per m ³	8316
Grand Total (A+B+C+D+E+F+G) to be deposited in CAMPA Fund				3924510

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, Jamun, Shisham, Papri etc.
- 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 : Jhajjar

Date 18-08-2022

V.K. Singh
Dy. Conservator of Forest
Jhajjar Forest Division
Dy. Conservator of Forests
Office Seal: JHAJJAR

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NPV Scheme

Eco Class Name	NPV Rate	Diverted Area	Total NPV
1	2	3	4=3*2
Eco Class-III, Open	Rs. 957780/- per ha.	0.6906 Ha.	661443

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