

कार्यालय प्रधान मुख्य वन संरक्षक (वन बल प्रमुख) राजस्थान,

अरण्य भवन, झालाना सांस्थानिक क्षेत्र, जयपुर-302004

दिनांक 02/03/2023

क्रमांक: एफ. 14(OFC)2020/एफसीए/प्रमुवसं./ 5102

शासन सचिव,
वन विभाग,
राजस्थान, जयपुर।

विषय:- Diversion of 2.8224 ha. of forest land in favour of GM NTP JAIPUR for "Laying of Underground Optical Fiber Cable Along the NH-21 (old NH-11) Road Within the Existing Row from Mahuwa to Via Halena-Bharatpur." (Proposal no. FP/RJ/OFC/47243/2020)

संदर्भ:- भारत सरकार, पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय एकीकृत क्षेत्रीय कार्यालय, IRO, जयपुर का पत्र क्रमांक 8 वी/राज/017 2022/एफसी दिनांक 27.04.2022

महोदय,

उपर्युक्त विषयान्तर्गत संदर्भित पत्र से उक्त प्रस्ताव में लगाये गये आक्षेप के क्रम में जवाब मुख्य वन संरक्षक, जयपुर से प्राप्त कर दो सेट में अग्रिम आवश्यक कार्यवाही हेतु संलग्न प्रेषित है-

क्र.सं.	आक्षेप	प्रतिउत्तर
1	Details of CA is not uploaded on parivesh portal. Thus, State Govt. is requested to submitted CA area along with CA scheme, CA maps and KML file as per Para 2.8 (iii) of FCA Handbook, 2019.	Details of CA along with CA has been uploaded on parivesh portal Part-II as per para 2.8 (iii) of FCA hand book 2019.
2	As per DSS analysis, Keoladeo Ghana wildlife sanctuary is located at a distance of 1.07 km from the proposed diversion site. State Govt. shall clarify this and comments of CWLW shall be submitted, if required.	As per DCF wild life attached a report, which status date the notification of ESZ of keoladeo National park has been notified in 19.07.2019 the proposed proposal is out side the ESZ. copy enclosed.

अतः प्रस्ताव का एक सेट भारत सरकार, पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय एकीकृत क्षेत्रीय कार्यालय, IRO, जयपुर को भिजवाने कष्ट करें।

संलग्न:- उक्तानुसार ।

भवदीया,

Shikha

(शिखा महारा)

अति. प्रधान मुख्य वन संरक्षक,
प्रोटेक्शन एवं नोडल अधिकारी एफसीए
राजस्थान, जयपुर

क्रमांक: एफ. 14(OFC)2020/एफसीए/प्रमुवसं./ 5103

प्रतिलिपि:- मुख्य वन संरक्षक, जयपुर को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित है।

दिनांक 02/03/2023

(दिनश कुमारे गुप्ता)

वन संरक्षक (एफ सी.ए.)

अरण्य भवन, जयपुर



कार्यालय मुख्य वन संरक्षक, जयपुर, राजस्थान

अरावली भवन, झालाना संस्थानिक क्षेत्र, जयपुर-302004 (राज.)

क्रमांक:- एफ 5 () एफ.सी.ए. / मुवसंज / 2022-23 / 692

दिनांक:- 01/2/23

निमित्त:-

अति. प्रधान मुख्य वन संरक्षक
प्रोटेक्शन एवं नोडल अधिकारी, एफसीए
राजस्थान, जयपुर।

विषय:- Laying of Underground optical fiber cable Along the NH-21 (Old NH-11)
road Within the Existing Row from Mahuwa to Via Halena- Bharatpur
(Proposal no.-FP/RJ/OFC/47243/2020)


संदर्भ:-आपका ऑनलाईन ई.डी.एस. दिनांक 12.10.2022।

महोदय,

उपरोक्त विषयान्तर्गत निवेदन है कि आप द्वारा जारी संदर्भित ई.डी.एस. दिनांक 12.10.2022 के क्रम में उप वन संरक्षक, दौसा ने अपने पत्रांक 639 दिनांक 24.01.2023 द्वारा आलौच्य प्रकरण में वर्तमान श्रमिक दिवस रेट 259/-रूपये के अनुसार सीए स्कीम डिटेल् तैयार कर इस कार्यालय में प्रेषित की है जो इस कार्यालय की सहमति सहित अग्रिम कार्यवाही हेतु संलग्न प्रेषित है।

संलग्न:-उक्तानुसार (3 सैट)

भवदीय,


(मनफूल सिंह)
मुख्य वन संरक्षक,
जयपुर


A
6/2

1 6/2

2043
6/2/23

कार्यालय उप वन संरक्षक, दौसा

(कलेक्ट्रेट के पास भाकरी रोड दौसा, (Phone & Fax No. 01427-223304, Email-dcf.dausa.forest@rajasthan.gov.in))

दिनांक : 24.01.2023

क्रमांक एफ () एफ.सी.ए / उवसं / 2022-23 / 630
निमित्त

मुख्य संरक्षक
अरावली भवन, जयपुर

विषय:- Laying of Underground Optical fiber Cable Along the NH-21 (old NH-11) Road Within the Existing Row from Mahuwa to Via Halena-Bharatpur.
Proposal No- FP/RJ/OFC/47243/2020

संदर्भ:- आपका कार्यालय पत्रांक 11893 दि. 19.12.22

महोदय,

उपरोक्त विषयान्तर्गत प्रकरण में आप द्वारा जारी संदर्भित EDS से सीए स्कीम डिटेल् को वर्तमान मानव श्रमिक दिवस रेट 259/- रुपये से इस कार्यालय अधीन प्रत्यावर्तन हेतु पडने वाला क्षेत्र 0.3627 हे० के बदले 0.7254 हे० क्षेत्रफल पर लेने बाबत अवगत करवाया है। उक्त का पालना में 0.7254 हे० क्षेत्रफल पर सीए स्कीम ली जाकर अग्रिम कार्यवाही हेतु प्रस्तुत है।

संलग्न:- उपरोक्तानुसार (4 पृष्ठा)

भवदीय

(वी केतन कुमार)
उप वन संरक्षक,
दौसा

क्रमांक / सम /

प्रतिलिपि: निम्न को सूचनार्थ एवं आवश्यक कार्यवाही हेतु-

1. अति. प्रधान मुख्य वन संरक्षक, नोडल अधिकारी एफसीए जयपुर।

दिनांक:-

उप वन संरक्षक,
दौसा

Deputy Conservator of Forest, Dausa(Rajasthan)

Full Title of the Project: "Laying of Underground Optical Fiber Cable Along the NH-21(old NH11) Road Within the Existing Row from Mahuwa to Via Halena -Bharatpur.
File No. : FP/RJ/OFC/47243/2020
Date of Proposal: 23.07.2020

CHECK LIST SERIAL NUMBER: 18

"SCHEME FOR 0.7254 Ha."

Detail scheme for (100 Plants) for Compensatory Afforestation to be carried out in lieu of 0.3627 ha Ha. Of forest area to be diverted for "Laying of Underground Optical Fiber Cable Along the NH-21(old NH11) Road Within the Existing Row from Mahuwa to Via Halena -Bharatpur. Forest Diversion Proposal under Forest (Conservation) Act, 1980.

9. Details of degraded forest land :-

District Dausa Village Kondla Tehsil: Mahwa Name of Forest Division
DCF-Dausa-----Range---Dausa
Block/Compartment/Survey No. Kundera ond dungri 18 main Area to be
afforested **0.7254 Hectare**

2. Description of Area

I) Whether the site selected for Compensatory Afforestation is a
Land bank or not: No

II) If the CA site is other than the land bank, reasons be given: Degraded Forest land
is identified for Compensatory Afforestation as forest land proposed for diversion is
less than One Hectare.

III) In case of non forest area identified for CA, then what is the

Distance of CA site from the adjoining forest boundary: Nil

IV) Soil type: Sandy Loam

V) Topography:

(a) Hilly/Undulating/Plain: Undulating

(b) Slope: Steep/Medium/Gentle: Gentle Slope

VI) 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 to be enclosed

4. **Schedule of Plantation Programme:-**

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

Year wise breakup	Amount
o year	32745.00
Planting year	30266.50
Maintenance 1st year	9540.45
Maintenance 2nd year	4380.02
Maintenance 3rd year	4380.02
Maintenance 4th year	4380.02
Maintenance 5th year	4380.02
Maintenance 6th year	4380.02
Maintenance 7th year	4380.02
Maintenance 8th year	4380.02
Maintenance 9th year	4380.02
Maintenance 10th year	4380.02
Maintenance 11th year	4380.02
Total CA Amount as per 259 Rs. Labour Rates	116352.15
Year wise breakup	Amount

5. **Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

- General Details: Scheme is prepared for 0.7254 ha. on Degraded Forest Land (DFL).
- Spacing: 3X4 Meter
- Species: Acacia Nilotica, Acacia leucophloea, Acacia catechu, acacia senegal and Azadirachta Indica and Prosopis cineraria, various shady species.
- Plantation Method: Manual
- Soil and Moisture Conservation Works: - Yes
- Protection (Fencing, Watch man, People's Participation etc.): - Ditch fencing
- Proposed Monitoring Mechanism: - One Guard will be deputed for Supervision
- Any other information: - Nil

Place: Dausa

Date: 24.01.2023

(V Ketan kumar)
Dy. Conservator of Forests
Dausa

**OFFICE OF DEPUTY CONSERVATOR OF FOREST DAUSA
DETAILED ESTIMATE CA DFL**

NAME OF SITE - CA-DFL KONDLA	GPS CO- 26°57'06"N, 76°58'25"E
NAME OF RANGE - MAHWA	NAME OF DIVISION - DAUSA
NAME OF G. P. - KHANPUR	NAME OF TEHSIL -MAHWA
TOTAL AREA - 0.7254 Ha.	
TOTAL AMOUNT-116352.00	

S.No.	BSR ITEM NO	Namo of Item	Qty.	Unit	Rate	Amount
1	2.1.1	Surey of area, demarcation and lay out	0.7254	HA	145.01	105.19
2	4.1	Lay out of excavation of pits	218	pits	0.98	213.64
3	2.2.2	Digging of ditch fencing 1.20m deep 1.5m wide at top and 0.90m wide at bottom includes dresing (volume Per running Meter = 1.44)		Cum		
	2.2.2.2	In clay Loam soil 132 rmt	190.08	Cum	128.11	24351.15
4		Cost of raising 559 seedling	559	plants	4.24	2370.16
5		Digging of new pits of size 0.45x0.45x0.45 m				
	4.2.2	clayey loam soil	218		11.67	2544.06
6		Misc. and unforeseen expenses				183.99
		TOTAL				29768.19
		Administrative charges 10%				2976.81
GRAND TOTAL						32745.00

planting year(YEAR-I)

1	6.3.3.1.1	Planting in pit size- 0.45x[0.4+0.5/2]m including local transportation of plants, submerging the polypot in insecticied treated water, cutting and removing the polythene bag, refilling of pit after removing stone and pressing the soil around plants plane area 100 plants	508	plants	6.69	3398.52
2		making crescent shaped thanvla				
	6.4.1	sandy loam soil	290		4.98	1444.20
	6.4.2	clayey loam soil	218		8.02	1748.36
3		watering of plants by camer cart / tractor tanker[minimum 15 liter of water and including cost of transportation [at the time of planting + 7 timesx 508 plants watering]				
	6.5.3.2	up to 5 kms	1016	plants	11.84	12029.44
4		weeding and hoeing of plants in plantation [in 45 cm radius and 15 cm depth] two times				
	6.6.1.1	In sandy loam soil 508 plants x 2 time	1016	per plant	4.02	4084.32
5	6.2.1.5	Transportation of 508 plants from nursery to plantation site	508	plants	2.07	1051.56

6		Digging of 290 plts of size 0.45X0.45X0.45				
	4.2.1	In sandy loam soil	290	plts	9.54	2766.60
7		Purchase of fertillzers and Insecticide				992.00
				total		27515.00
		Administrative charges 10%				2751.50
GRAND TOTAL						30266.50

Maintnanco 1st year(YAER-2)

1	6.3.3.1.1	planting in plt size- 0.45x[0.4+0.5/2] m including local transportation of plants, submerging the polypot in insecticled treated water, cutting and removing the polythene bag, refilling of plt after removing stone and pressing the soil around plants plane area 1990 plants	51	plants	6.69	341.19
2		making crescent shaped thanvla				
	6.4.2	clayey loam soil	51	thanwala	8.02	409.02
3	4.4.2	Redidding of plts for casualty replacement in clayey loam soil	51	plts	6.26	319.26
4	6.2.1.5	transportation of plants from nursery to plantation site	51	plants	2.07	105.57
5	6.6.1	weeding and hoeing of plants in plantation [in 45 cm radius and 15 cm depth] two times				
	6..6.1.1	in clayey soil	1016	per plants	4.02	4084.32
6	2.2.2.8	Repair of dit fencing in clayey loam soil. Size- $\{(1.35+0.90)/2 \times 0.90\} = 1.0125 \text{ cum/rmt} \times 50$	50.62	cum	64.05	3242.21
7		Misc. and unforeseen expenses				171.57
				Total		8673.14
		Administrative charges 10%				867.31
				Say Amt.		9540.45

Maintance 2nd year(YEAR-3)

1	6.6.2	Hoeing of plants after watering in 45 cm. radius and 15 cm. depth 508 plants x 2time	1016	per plant	2.85	2895.60
2	2.2.2.8	Repair of dit fencing in clayey loam soil. Size- $\{(1.35+0.90)/2 \times 0.90\} = 1.0125 \text{ cum/rmt} \times 16.75$	16.9593	CUM	64.05	1086.24
				Total		3981.84
		Administrative charges 10%				398.18
				GRAND TOTAL		4380

Maintance 3rd year (YEAR-4)

1	6.6.2	Hoeing of plants after watering in 45 cm. radius and 15 cm. depth 508 plants x 2 time	1016	per plant	2.85	2895.60
2	2.2.2.8	Repair of dit fencing in clayey loam soil. Size- {(1.35+0.90)/2X0.90}=1.0125cum/rmtX16.75	16.9593	CUM	64.05	1086.24
				Total		3981.84
		Administrative charges 10%				398.18
				GRAND TOTAL		4380

Maintance 4th year (YEAR-5)

1	6.6.2	Hoeing of plants after watering in 45 cm. radius and 15 cm. depth 508 plants x 2 time	1016	per plant	2.85	2895.60
2	2.2.2.8	Repair of dit fencing in clayey loam soil. Size- {(1.35+0.90)/2X0.90}=1.0125cum/rmtX16.75	16.9593	CUM	64.05	1086.24
				Total		3981.84
		Administrative charges 10%				398.18
				GRAND TOTAL		4380

Maintance 5th year (YEAR-6)

1	6.6.2	Hoeing of plants after watering in 45 cm. radius and 15 cm. depth 508 plants x 2 time	1016	per plant	2.85	2895.60
2	2.2.2.8	Repair of dit fencing in clayey loam soil. Size- {(1.35+0.90)/2X0.90}=1.0125cum/rmtX16.75	16.9593	CUM	64.05	1086.24
				Total		3981.84
		Administrative charges 10%				398.18
				GRAND TOTAL		4380

Maintance 6th year (YEAR-7)

1	6.6.2	Hoeing of plants after watering in 45 cm. radius and 15 cm. depth 508 plants x 2 time	1016	per plant	2.85	2895.60
2	2.2.2.8	Repair of dit fencing in clayey loam soil. Size- {(1.35+0.90)/2X0.90}=1.0125cum/rmtX16.75	16.9593	CUM	64.05	1086.24
				Total		3981.84
		Administrative charges 10%				398.18
				GRAND TOTAL		4380

Maintance 7th year (YEAR-8)

1	6.6.2	Hoeing of plants after watering in 45 cm. radius and 15 cm. depth 508 plants x 2 time	1016	per plant	2.85	2895.60
2	2.2.2.8	Repair of dit fencing in clayey loam soil. Size- $\{(1.35+0.90)/2 \times 0.90\} = 1.0125 \text{ cum/rmt} \times 16.75$	16.9593	CUM	64.05	1086.24
				Total		3981.84
		Administrative charges 10%				398.18
			GRAND TOTAL			4380

Maintenance 8th year (YEAR-9)

1	6.6.2	Hoeing of plants after watering in 45 cm. radius and 15 cm. depth 508 plants x 2 time	1016	per plant	2.85	2895.60
2	2.2.2.8	Repair of dit fencing in clayey loam soil. Size- $\{(1.35+0.90)/2 \times 0.90\} = 1.0125 \text{ cum/rmt} \times 16.75$	16.9593	CUM	64.05	1086.24
				Total		3981.84
		Administrative charges 10%				398.18
			GRAND TOTAL			4380

Maintenance 9th year (YEAR-10)

1	6.6.2	Hoeing of plants after watering in 45 cm. radius and 15 cm. depth 508 plants x 2 time	1016	per plant	2.85	2895.60
2	2.2.2.8	Repair of dit fencing in clayey loam soil. Size- $\{(1.35+0.90)/2 \times 0.90\} = 1.0125 \text{ cum/rmt} \times 16.75$	16.9593	CUM	64.05	1086.24
				Total		3981.84
		Administrative charges 10%				398.18
			GRAND TOTAL			4380

Maintenance 10th year (YEAR-11)

1	6.6.2	Hoeing of plants after watering in 45 cm. radius and 15 cm. depth 508 plants x 2 time	1016	per plant	2.85	2895.60
2	2.2.2.8	Repair of dit fencing in clayey loam soil. Size- $\{(1.35+0.90)/2 \times 0.90\} = 1.0125 \text{ cum/rmt} \times 16.75$	16.9593	CUM	64.05	1086.24
				Total		3981.84
		Administrative charges 10%				398.18
			GRAND TOTAL			4380

Maintance 11th year (YEAR-12)

1	6.6.2	Hoeing of plants after watering in 45 cm. radius and 15 cm. depth 508 plants x 2 time	1016	per plant	2.85	2895.60
2	2.2.2.8	Repair of dit fencing in clayey loam soil. Size- $\{(1.35+0.90)/2 \times 0.90\} = 1.0125 \text{cum/rmt} \times 16.75$	16.9593	CUM	64.05	1086.24
				Total		3981.84
		Administrative charges 10%				398.18
				GRAND TOTAL		4380

Year wise breakup	Amount
o year	32745.00
Planting year	30266.50
Maintenance 1st year	9540.45
Maintenance 2nd year	4380.02
Maintenance 3rd year	4380.02
Maintenance 4th year	4380.02
Maintenance 5th year	4380.02
Maintenance 6th year	4380.02
Maintenance 7th year	4380.02
Maintenance 8th year	4380.02
Maintenance 9th year	4380.02
Maintenance 10th year	4380.02
Maintenance 11th year	4380.02
Total CA Amount as per 259 Rs. Labour Rates	116352.15
Says	116352.00

Certificates :-

1. The Rates are based on BSR for Jaipur circle 2022.
2. The estimate is based on guidelines of prescribed model


 Range Forest officer
 Mahwa

Calculation Checked

Technical checked

Approved

AAO-I

ACF DAUSA

DCF DAUSA

24/01/23

Deputy Conservator of Forest, Dausa (Rajasthan)

Full Title of the Project "Laying of Underground Optical Fiber Cable Along the NH-21(old NH11) Road Within the Existing Row from Mahuwa to Via Halena -Bharatpur.
File No. : FP/RJ/OFC/47243/2020
Date of Proposal: 23.07.2020

CHECK LIST SERIAL NUMBER: 20

"LAND SUITABILITY CERTIFICATE BY DFO (T)"

This is to certify that.....0.7254.....ha. Degraded Forest land bearing Survey No./
Compartment No.....1 .of village Kondla_Tehsil...Mahwa District Dausa..... identified for
Compensatory Afforestation is suitable for plantation from management point of view and
is free and all sorts of encumbrances and encroachments.

Place: Dausa

Date: 23.01.2023


(V Ketan kumar)
Dy. Conservator of Forests
Dausa

Deputy Conservator of Forest, Dausa(Rajasthan)

Full Title of the Project: "Laying of Underground Optical Fiber Cable Along the NH-21(old NH11) Road Within the Existing Row from Mahuwa to Via Halena -Bharatpur.
File No. : FP/RJ/OFC/47243/2020
Date of Proposal: 23.07.2020

CHECK LIST SERIAL NUMBER: 18

"SCHEME FOR 0.7254 Ha."

Detail scheme for (100 Plants) for Compensatory Afforestation to be carried out in lieu of 0.3627 ha Ha. Of forest area to be diverted for "Laying of Underground Optical Fiber Cable Along the NH-21(old NH11) Road Within the Existing Row from Mahuwa to Via Halena -Bharatpur. Forest Diversion Proposal under Forest (Conservation) Act, 1980.

9. Details of degraded forest land :-

District Dausa Village Kondla Tehsil: Mahwa Name of Forest Division

DCF--Dausa-----Range---Dausa

Block/Compartment/Survey No. Kundera ond dungri 18 main Area to be afforested **0.7254 Hectare**

2. Description of Area

I) Whether the site selected for Compensatory Afforestation is a

Land bank or not: No

II) If the CA site is other than the land bank, reasons be given: Degraded Forest land is identified for Compensatory Afforestation as forest land proposed for diversion is less than One Hectare.

III) In case of non forest area identified for CA, then what is the

Distance of CA site from the adjoining forest boundary: Nil

IV) Soil type: Sandy Loam

V) Topography:

(a) Hilly/Undulating/Plain: Undulating

(b) Slope: Steep/Medium/Gentle: Gentle Slope

VI) 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 to be enclosed

4. **Schedule of Plantation Programme:-**

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

Year wise breakup	Amount
o year	32745.00
Planting year	30266.50
Maintenance 1st year	9540.45
Maintenance 2nd year	4380.02
Maintenance 3rd year	4380.02
Maintenance 4th year	4380.02
Maintenance 5th year	4380.02
Maintenance 6th year	4380.02
Maintenance 7th year	4380.02
Maintenance 8th year	4380.02
Maintenance 9th year	4380.02
Maintenance 10th year	4380.02
Maintenance 11th year	4380.02
Total CA Amount as per 259 Rs. Labour Rates	116352.15
Year wise breakup	Amount


5. **Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

- a) General Details: Scheme is prepared for 0.7254 ha. on Degraded Forest Land (DFL).
- b) Spacing: 3X4 Meter
- c) Species: Acacia Nilotica, Acacia leucophloea, Acacia catechu, acacia senegal and Azadirachta Indica and Prosopis cineraria, various shady species.
- d) Plantation Method: Manual
- e) Soil and Moisture Conservation Works: - Yes
- f) Protection (Fencing, Watch man, People's Participation etc.): - Ditch fencing
- g) Proposed Monitoring Mechanism: - One Guard will be deputed for Supervision
- h) Any other information: - Nil

Place: Dausa

Date: 24.01.2023


(V Ketan Kumar)
Dy. Conservator of Forests
Dausa

**OFFICE OF DEPUTY CONSERVATOR OF FOREST DAUSA
DETAILED ESTIMATE CA DFL**

NAME OF SITE - CA-DFL KONDLA			GPS CO- 26°57'06"N, 76°58'25"E			
NAME OF RANGE - MAHWA			NAME OF DIVISION - DAUSA			
NAME OF G. P. - KHANPUR			NAME OF TEHSIL -MAHWA			
TOTAL AREA - 0.7254 Ha.						
TOTAL AMOUNT-116352.00						
S.No.	BSR ITEM NO	Name of Item	Qty.	Unit	Rate	Amount
1	2.1.1	Surey of area, demarcation and lay out	0.7254	HA	145.01	105.19
2	4.1	Lay out of excavation of pits	218	pits	0.98	213.64
3	2.2.2	Digging of ditch fencing 1.20m deep 1.5m wide at top and 0.90m wide at bottom includes dresing (volume Per running Meter = 1.44)		Cum		
	2.2.2.2	In clay Loam soil 132 rmt	190.08	Cum	128.11	24351.15
4		Cost of raising 559 seedling	559	plants	4.24	2370.16
5		Digging of new pits of size 0.45x0.45x0.45 m				
	4.2.2	clayey loam soil	218		11.67	2544.06
6		Misc. and unforeseen expenses				183.99
		TOTAL				29768.19
		Administrative charges 10%				2976.81
GRAND TOTAL						32745.00

planting year(YEAR-I)

1	6.3.3.1.1	Planting in pit size- 0.45x[0.4+0.5/2]m including local transportation of plants, submerging the polypot in insecticied treated water, cutting and removing the polythene bag, refilling of pit after removing stone and pressing the soil around plants plane area 100 plants	508	plants	6.69	3398.52
2		making crescent shaped thanvla				
	6.4.1	sandy loam soil	290		4.98	1444.20
	6.4.2	clayey loam soil	218		8.02	1748.36
3		watering of plants by camer cart / tractor tanker[minimum 15 liter of water and including cost of transportation [at the time of planting + 7 timesx 508 plants watering]				
	6.5.3.2	up to 5 kms	1016	plants	11.84	12029.44
4		weeding and hoeing of plants in plantation [in 45 cm radius and 15 cm depth] two times				
	6.6.1.1	In sandy loam soil 508 plants x 2 time	1016	per plant	4.02	4084.32
5	6.2.1.5	Transportation of 508 plants from nursery to plantation site	508	plants	2.07	1051.56

6		Digging of 290 pits of size 0.45X0.45X0.45				
	4.2.1	in sandy loam soil	290	pits	9.54	2766.60
7		Purchase of fertillizers and insecticide				992.00
				total		27515.00
Administrative charges 10%						2751.50
GRAND TOTAL						30266.50

Maintinace 1st year(YAER-2)

1	6.3.3.1.1	planting in pit size- 0.45x[0.4+0.5/2] m including local transportation of plants, submerging the polypot In Insecticled treated water, cutting and removing the polythene bag, refilling of pit after removing stone and pressing the soil around plants plane area 1990 plants	51	plants	6.69	341.19	
2		making crescent shaped thanvla					
	6.4.2	clayey loam soil	51	thanwala	8.02	409.02	
3	4.4.2	Redidding of pits for casualty replacement in clayey loam soil	51	pits	6.26	319.26	
4	6.2.1.5	transportation of plants from nursery to plantation site	51	plants	2.07	105.57	
5	6.6.1	weeding and hoeing of plants in plantation [in 45 cm radius and 15 cm depth] two times					
	6.6.1.1	in clayey soil	1016	per plants	4.02	4084.32	
6	2.2.2.8	Repair of dit fencing in clayey loam soil. Size- $\{(1.35+0.90)/2 \times 0.90\} = 1.0125 \text{cum/rmt} \times 50$	50.62	cum	64.05	3242.21	
7		Misc. and unforeseen expenses				171.57	
						Total	8673.14
Administrative charges 10%						Say Amt.	867.31
							9540.45

Maintinace 2nd year(YEAR-3)

1	6.6.2	Hoeing of plants after watering in 45 cm. radius and 15 cm. depth 508 plants x 2time	1016	per plant	2.85	2895.60	
2	2.2.2.8	Repair of dit fencing in clayey loam soil. Size- $\{(1.35+0.90)/2 \times 0.90\} = 1.0125 \text{cum/rmt} \times 16.75$	16.9593	CUM	64.05	1086.24	
						Total	3981.84
Administrative charges 10%							398.18
GRAND TOTAL							4380

Maintinace 3rd year (YEAR-4)

6		Digging of 290 pits of size 0.45X0.45X0.45				
	4.2.1	in sandy loam soil	290	pits	9.54	2766.60
7		Purchase of fertillizers and Insecticide				992.00
				total		27515.00
Adminlstrative charges 10%						2751.50
GRAND TOTAL						30266.50

Maintnance 1st year(YAER-2)

1	6.3.3.1.1	planting in pit size- 0.45x[0.4+0.5/2] m including local transportation of plants, submerging the polypot in insecticied treated water, cutting and removing the polythene bag, refilling of pit after removing stone and pressing the soil around plants plane area 1990 plants	51	plants	6.69	341.19
2	6.4.2	making crescent shaped thanvla clayey loam soil	51	thanwala	8.02	409.02
3	4.4.2	Redidding of pits for casualty replacement in clayey loam soil	51	pits	6.26	319.26
4	6.2.1.5	transportation of plants from nursery to plantation site	51	plants	2.07	105.57
5	6.6.1	weeding and hoeing of plants in plantation [in 45 cm radius and 15 cm depth] two times				
	6..6.1.1	in clayey soil	1016	per plants	4.02	4084.32
6	2.2.2.8	Repair of dit fencing in clayey loam soil. Size- $\{(1.35+0.90)/2 \times 0.90\} = 1.0125 \text{cum/rmt} \times 50$	50.62	cum	64.05	3242.21
7		Misc. and unforeseen expenses				171.57
				Total		8673.14
Administrative charges 10%						867.31
					Say Amt.	9540.45

Maintance 2nd year(YEAR-3)

1	6.6.2	Hoeing of plants after watering in 45 cm. radius and 15 cm. depth 508 plants x 2time	1016	per plant	2.85	2895.60
2	2.2.2.8	Repair of dit fencing in clayey loam soil. Size- $\{(1.35+0.90)/2 \times 0.90\} = 1.0125 \text{cum/rmt} \times 16.75$	16.9593	CUM	64.05	1086.24
				Total		3981.84
Administrative charges 10%						398.18
GRAND TOTAL						4380

Maintance 3rd year (YEAR-4)

1	6.6.2	Hoeing of plants after watering in 45 cm. radius and 15 cm. depth 508 plants x 2 time	1016	per plant	2.85	2895.60
2	2.2.2.8	Repair of dit fencing in clayey loam soil. Size- $\{(1.35+0.90)/2 \times 0.90\} = 1.0125 \text{ cum/rmt} \times 16.75$	16.9593	CUM	64.05	1086.24
				Total		3981.84
		Administrative charges 10%				398.18
				GRAND TOTAL		4380

Maintenance 4th year (YEAR-5)

1	6.6.2	Hoeing of plants after watering in 45 cm. radius and 15 cm. depth 508 plants x 2 time	1016	per plant	2.85	2895.60
2	2.2.2.8	Repair of dit fencing in clayey loam soil. Size- $\{(1.35+0.90)/2 \times 0.90\} = 1.0125 \text{ cum/rmt} \times 16.75$	16.9593	CUM	64.05	1086.24
				Total		3981.84
		Administrative charges 10%				398.18
				GRAND TOTAL		4380

Maintenance 5th year (YEAR-6)

1	6.6.2	Hoeing of plants after watering in 45 cm. radius and 15 cm. depth 508 plants x 2 time	1016	per plant	2.85	2895.60
2	2.2.2.8	Repair of dit fencing in clayey loam soil. Size- $\{(1.35+0.90)/2 \times 0.90\} = 1.0125 \text{ cum/rmt} \times 16.75$	16.9593	CUM	64.05	1086.24
				Total		3981.84
		Administrative charges 10%				398.18
				GRAND TOTAL		4380

Maintenance 6th year (YEAR-7)

1	6.6.2	Hoeing of plants after watering in 45 cm. radius and 15 cm. depth 508 plants x 2 time	1016	per plant	2.85	2895.60
2	2.2.2.8	Repair of dit fencing in clayey loam soil. Size- $\{(1.35+0.90)/2 \times 0.90\} = 1.0125 \text{ cum/rmt} \times 16.75$	16.9593	CUM	64.05	1086.24
				Total		3981.84
		Administrative charges 10%				398.18
				GRAND TOTAL		4380

Maintenance 7th year (YEAR-8)

Maintenance 11th year (YEAR-12)						
1	6.6.2	Hoeing of plants after watering in 45 cm. radius and 15 cm. depth 508 plants x 2 time	1016	per plant	2.85	2895.60
2	2.2.2.8	Repair of dit fencing in clayey loam soil. Size- $\{(1.35+0.90)/2 \times 0.90\} = 1.0125 \text{ cum/rmt} \times 16.75$	16.9593	CUM	64.05	1086.24
					Total	3981.84
					Administrative charges 10%	398.18
					GRAND TOTAL	4380

Year wise breakup	Amount
o year	32745.00
Planting year	30266.50
Maintenance 1st year	9540.45
Maintenance 2nd year	4380.02
Maintenance 3rd year	4380.02
Maintenance 4th year	4380.02
Maintenance 5th year	4380.02
Maintenance 6th year	4380.02
Maintenance 7th year	4380.02
Maintenance 8th year	4380.02
Maintenance 9th year	4380.02
Maintenance 10th year	4380.02
Maintenance 11th year	4380.02
Total CA Amount as per 259 Rs. Labour Rates	116352.15
Says	116352.00

Certificates :-

1. The Rates are based on BSR for Jaipur circle 2022.
2. The estimate is based on guidelines of prescribed model

Calculation Checked

AAO-I
24/01/23

Range Forest officer
Mahwa
Technical checked

ACF DAUSA

Approved
DCF DAUSA

Deputy Conservator of Forest, Dausa (Rajasthan)

Full Title of the Project "Laying of Underground Optical Fiber Cable Along the NH-21(old NH11) Road Within the Existing Row from Mahuwa to Via Halena -Bharatpur.
File No. : FP/RJ/OFC/47243/2020
Date of Proposal: 23.07.2020


CHECK LIST SERIAL NUMBER: 20

"LAND SUITABILITY CERTIFICATE BY DFO (T)"

This is to certify that.....0.7254.....ha. Degraded Forest land bearing Survey No./
Compartment No.....1 .of village Kondla_Tehsil...Mahwa District Dausa..... identified for
Compensatory Afforestation is suitable for plantation from management point of view and
is free and all sorts of encumbrances and encroachments.

Place: Dausa

Date: 23.01.2023


(V Ketan kumar)
Dy. Conservator of Forests
Dausa

Copy of the approved Compensatory Afforestation Scheme/Model showing component wise physical and financial break up to be enclosed

4. **Schedule of Plantation Programme:-**

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

Year wise breakup	Amount
o year	32745.00
Planting year	30266.50
Maintenance 1st year	9540.45
Maintenance 2nd year	4380.02
Maintenance 3rd year	4380.02
Maintenance 4th year	4380.02
Maintenance 5th year	4380.02
Maintenance 6th year	4380.02
Maintenance 7th year	4380.02
Maintenance 8th year	4380.02
Maintenance 9th year	4380.02
Maintenance 10th year	4380.02
Maintenance 11th year	4380.02
Total CA Amount as per 259 Rs.	116352.15
Labour Rates	
Year wise breakup	Amount

5. **Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

- General Details: Scheme is prepared for 0.7254 ha. on Degraded Forest Land (DFL).
- Spacing: 3X4 Meter
- Species: Acacia Nilotica, Acacia leucophloea, Acacia catechu, acacia senegal and Azadirachta Indica and Prosopis cineraria, various shady species.
- Plantation Method: Manual
- Soil and Moisture Conservation Works: - Yes
- Protection (Fencing, Watch man, People's Participation etc.): - Ditch fencing
- Proposed Monitoring Mechanism: - One Guard will be deputed for Supervision
- Any other information: - Nil

Place: Dausa

Date: 24.01.2023

(V Ketan kumar)
Dy. Conservator of Forests
Dausa

**OFFICE OF DEPUTY CONSERVATOR OF FOREST DAUSA
DETAILED ESTIMATE CA DFL**

NAME OF SITE - CA-DFL KONDLA	GPS CO- 26°57'06"N, 76°58'25"E
NAME OF RANGE - MAHWA	NAME OF DIVISION - DAUSA
NAME OF G. P. - KHANPUR	NAME OF TEHSIL -MAHWA
TOTAL AREA - 0.7254 Ha.	
TOTAL AMOUNT-116352.00	

S.No.	BSR ITEM NO	Name of Item	Qty.	Unit	Rate	Amount
1	2.1.1	Surey of area, demarcation and lay out	0.7254	HA	145.01	105.19
2	4.1	Lay out of excavation of pits	218	pits	0.98	213.64
3	2.2.2	Digging of ditch fencing 1.20m deep 1.5m wide at top and 0.90m wide at bottom includes dresing (volume Per running Meter = 1.44)		Cum		
	2.2.2.2	In clay Loam soil 132 rmt	190.08	Cum	128.11	24351.15
4		Cost of raising 559 seedling	559	plants	4.24	2370.16
5		Digging of new pits of size 0.45x0.45x0.45 m				
	4.2.2	clayey loam soil	218		11.67	2544.06
6		Misc. and unforeseen expenses				183.99
		TOTAL				29768.19
		Administrative charges 10%				2976.81
GRAND TOTAL						32745.00

planting year(YEAR-I)

1	6.3.3.1.1	Planting in pit size- 0.45x[0.4+0.5/2]m including local transportation of plants, submerging the polypot in insecticied treated water, cutting and removing the polythene bag, refilling of pit after removing stone and pressing the soil around plants plane area 100 plants	508	plants	6.69	3398.52
2		making crescent shaped thanvla				
	6.4.1	sandy loam soil	290		4.98	1444.20
	6.4.2	clayey loam soil	218		8.02	1748.36
3		watering of plants by camer cart / tractor tanker[minimum 15 liter of water and including cost of transportation [at the time of planting + 7 timesx 508 plants watering]				
	6.5.3.2	up to 5 kms	1016	plants	11.84	12029.44
4		weeding and hoeing of plants in plantation [in 45 cm radius and 15 cm depth] two times				
	6.6.1.1	In sandy loam soil 508 plants x 2 time	1016	per plant	4.02	4084.32
5	6.2.1.5	Transportation of 508 plants from nursery to plantation site	508	plants	2.07	1051.56

6		Digging of 290 pits of size 0.45X0.45X0.45				
	4.2.1	in sandy loam soil	290	pits	9.54	2766.60
7		Purchase of fertillizers and insecticide				992.00
				total		27515.00
		Administrative charges 10%				2751.50
GRAND TOTAL						30266.50

Maintinance 1st year(YAER-2)

1	6.3.3.1.1	planting in pit size- 0.45x[0.4+0.5/2] m including local transportation of plants, submerging the polypot in insecticied treated water, cutting and removing the polythene bag, refilling of pit after removing stone and pressing the soil around plants plane area 1990 plants	51	plants	6.69	341.19
2		making crescent shaped thanvla				
	6.4.2	clayey loam soil	51	thanwala	8.02	409.02
3	4.4.2	Redidding of pits for casualty replacement in clayey loam soil	51	pits	6.26	319.26
4	6.2.1.5	transportation of plants from nursery to plantation site	51	plants	2.07	105.57
5	6.6.1	weeding and hoeing of plants in plantation [in 45 cm radius and 15 cm depth] two times				
	6.6.1.1	in clayey soil	1016	per plants	4.02	4084.32
6	2.2.2.8	Repair of dit fencing in clayey loam soil. Size- $\{(1.35+0.90)/2 \times 0.90\} = 1.0125 \text{cum/rmt} \times 50$	50.62	cum	64.05	3242.21
7		Misc. and unforeseen expenses				171.57
				Total		8673.14
						867.31
		Administrative charges 10%				9540.45
				Say Amt.		9540.45

Maintance 2nd year(YEAR-3)

1	6.6.2	Hoeing of plants after watering in 45 cm. radius and 15 cm. depth 508 plants x 2time	1016	per plant	2.85	2895.60
2	2.2.2.8	Repair of dit fencing in clayey loam soil. Size- $\{(1.35+0.90)/2 \times 0.90\} = 1.0125 \text{cum/rmt} \times 16.75$	16.9593	CUM	64.05	1086.24
				Total		3981.84
						398.18
		Administrative charges 10%				4380
GRAND TOTAL						

Maintance 3rd year (YEAR-4)

1	6.6.2	Hoeing of plants after watering in 45 cm. radius and 15 cm. depth 508 plants x 2 time	1016	per plant	2.85	2895.60
2	2.2.2.8	Repair of dit fencing in clayey loam soil. Size- $\{(1.35+0.90)/2 \times 0.90\} = 1.0125 \text{ cum/rmt} \times 16.75$	16.9593	CUM	64.05	1086.24
				Total		3981.84
		Administrative charges 10%				398.18
				GRAND TOTAL		4380

Maintance 4th year (YEAR-5)

1	6.6.2	Hoeing of plants after watering in 45 cm. radius and 15 cm. depth 508 plants x 2 time	1016	per plant	2.85	2895.60
2	2.2.2.8	Repair of dit fencing in clayey loam soil. Size- $\{(1.35+0.90)/2 \times 0.90\} = 1.0125 \text{ cum/rmt} \times 16.75$	16.9593	CUM	64.05	1086.24
				Total		3981.84
		Administrative charges 10%				398.18
				GRAND TOTAL		4380

Maintance 5th year (YEAR-6)

1	6.6.2	Hoeing of plants after watering in 45 cm. radius and 15 cm. depth 508 plants x 2 time	1016	per plant	2.85	2895.60
2	2.2.2.8	Repair of dit fencing in clayey loam soil. Size- $\{(1.35+0.90)/2 \times 0.90\} = 1.0125 \text{ cum/rmt} \times 16.75$	16.9593	CUM	64.05	1086.24
				Total		3981.84
		Administrative charges 10%				398.18
				GRAND TOTAL		4380

Maintance 6th year (YEAR-7)

1	6.6.2	Hoeing of plants after watering in 45 cm. radius and 15 cm. depth 508 plants x 2 time	1016	per plant	2.85	2895.60
2	2.2.2.8	Repair of dit fencing in clayey loam soil. Size- $\{(1.35+0.90)/2 \times 0.90\} = 1.0125 \text{ cum/rmt} \times 16.75$	16.9593	CUM	64.05	1086.24
				Total		3981.84
		Administrative charges 10%				398.18
				GRAND TOTAL		4380

Maintance 7th year (YEAR-8)


Maintance 11th year (YEAR-12)

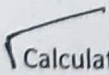
1	6.6.2	Hoeing of plants after watering in 45 cm. radius and 15 cm. depth 508 plants x 2 time	1016	per plant	2.85	2895.60
2	2.2.2.8	Repair of dit fencing in clayey loam soil. Size- $\{(1.35+0.90)/2 \times 0.90\} = 1.0125 \text{ cum/rmt} \times 16.75$	16.9593	CUM	64.05	1086.24
				Total		3981.84
		Administrative charges 10%				398.18
				GRAND TOTAL		4380

Year wise breakup	Amount
0 year	32745.00
Planting year	30266.50
Maintenance 1st year	9540.45
Maintenance 2nd year	4380.02
Maintenance 3rd year	4380.02
Maintenance 4th year	4380.02
Maintenance 5th year	4380.02
Maintenance 6th year	4380.02
Maintenance 7th year	4380.02
Maintenance 8th year	4380.02
Maintenance 9th year	4380.02
Maintenance 10th year	4380.02
Maintenance 11th year	4380.02
Total CA Amount as per 259 Rs. Labour Rates	116352.15
Says	116352.00

Certificates :-

1. The Rates are based on BSR for Jaipur circle 2022.
2. The estimate is based on guidelines of prescribed model


 Range Forest officer
 Mahwa

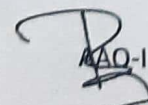

 Calculation Checked

Technical checked

ACF DAUSA

Approved

 DCF DAUSA


 AAO-1
 24/01/23

Deputy Conservator of Forest, Dausa (Rajasthan)

Full Title of the Project "Laying of Underground Optical Fiber Cable Along the NH-21(old NH11) Road Within the Existing Row from Mahuwa to Via Halena -Bharatpur.
File No. : FP/RJ/OFC/47243/2020
Date of Proposal: 23.07.2020


CHECK LIST SERIAL NUMBER: 20

"LAND SUITABILITY CERTIFICATE BY DFO (T)"

This is to certify that.....0.7254.....ha. Degraded Forest land bearing Survey No./
Compartment No.....1 .of village Kondla_Tehsil...Mahwa District Dausa..... identified for
Compensatory Afforestation is suitable for plantation from management point of view and
is free and all sorts of encumbrances and encroachments.

Place: Dausa

Date: 23.01.2023


(V Ketan kumar)
Dy. Conservator of Forests
Dausa

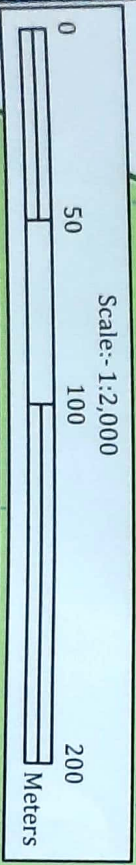
MAP SHOWING DGPS MAP IDENTIFIED LAND FOR COMPENSATORY AFFORESTATION
 Full Title:- "Laying of Underground Optical Fiber Cable Along the NH-21 (old NH11)
 Road Within the Existing Row from Mahuwa to Via Halena - Bharatpur.
 Proposal No : FP/RJ/OfC/47243/2020

IDENTIFIED LAND FOR COMPENSATORY AFFORESTATION LAND COORDINATES	
S.No.	Latitude Longitude
1	76° 58' 24.080" E 26° 57' 7.341" N
2	76° 58' 27.327" E 26° 57' 7.518" N
3	76° 58' 27.635" E 26° 57' 5.079" N
4	76° 58' 23.993" E 26° 57' 4.841" N

Proposed Compensatory Afforestation Land
 (Area-0.7254 Ha.)



KUNDERA OND DOONGRI NO 18 MAIN



Legend

- Coordinates
- Proposed Compensatory Afforestation Land (Area-0.7254 Ha.)
- Forest Boundary

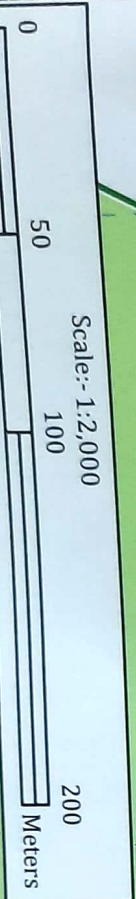


MAP SHOWING DGPS MAP IDENTIFIED LAND FOR COMPENSATORY AFFORESTATION
 Full Title:- "Laying of Underground Optical Fiber Cable Along the NH-21 (old NH11) Road Within the Existing Row from Mahuwa to Via Halena -Bharatpur.
 Proposal No : FP/RJ/OFC/47243/2020

IDENTIFIED LAND FOR COMPENSATORY AFFORESTATION LAND COORDINATES		
S.No.	Latitude	Longitude
1	76° 58' 24.080" E	26° 57' 7.341" N
2	76° 58' 27.327" E	26° 57' 7.518" N
3	76° 58' 27.635" E	26° 57' 5.079" N
4	76° 58' 23.993" E	26° 57' 4.841" N

Proposed Compensatory Afforestation Land
 (Area-0.7254 Ha.)

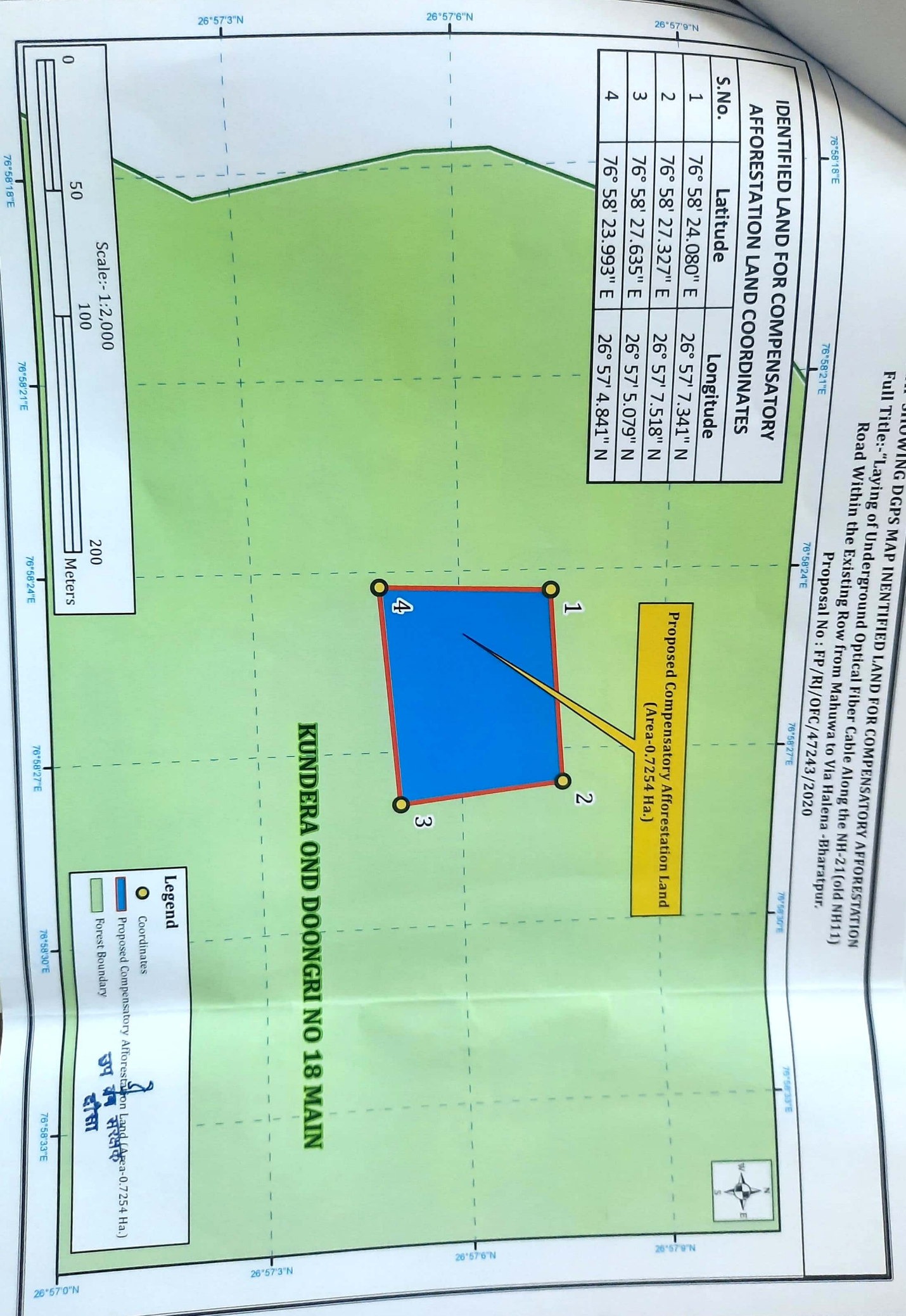
KUNDERA OND DOONGRI NO 18 MAIN



Legend

- Coordinates
- Proposed Compensatory Afforestation Land (Area-0.7254 Ha.)
- Forest Boundary

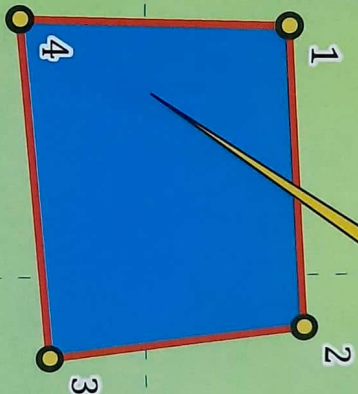
राजस्थान सरकार
 Government of Rajasthan



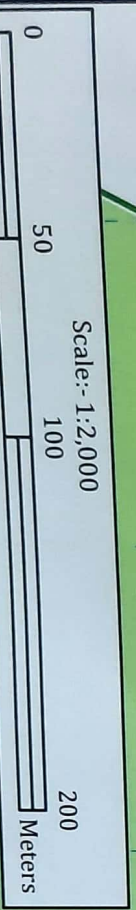
MAP SHOWING DGPS MAP IDENTIFIED LAND FOR COMPENSATORY AFFORESTATION
Full Title:- "Laying of Underground Optical Fiber Cable Along the NH-21 (old NH11)
Road Within the Existing Row from Mahuwa to Via Halena - Bharatpur,
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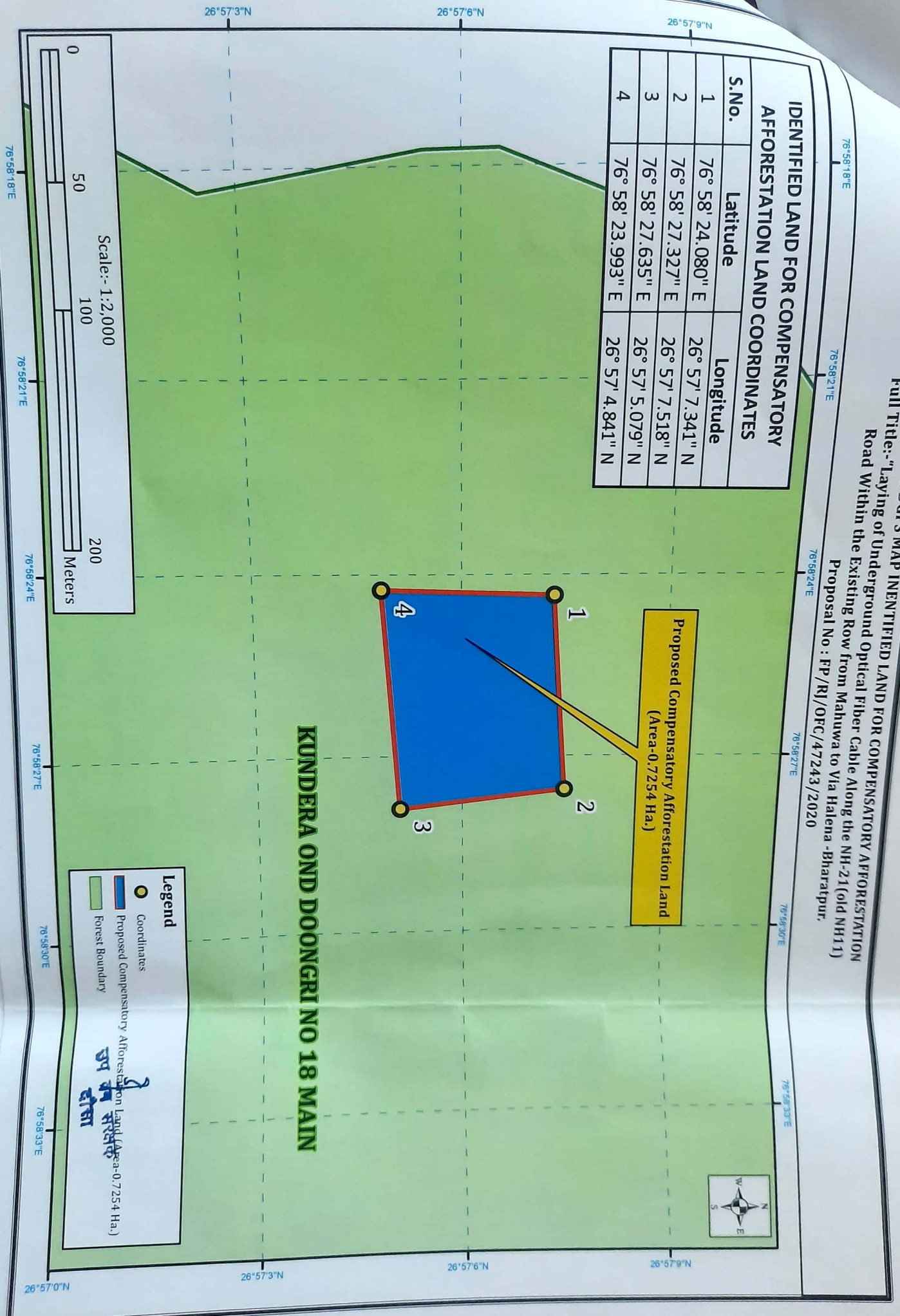
KUNDERA OND DOONGRI NO 18 MAIN



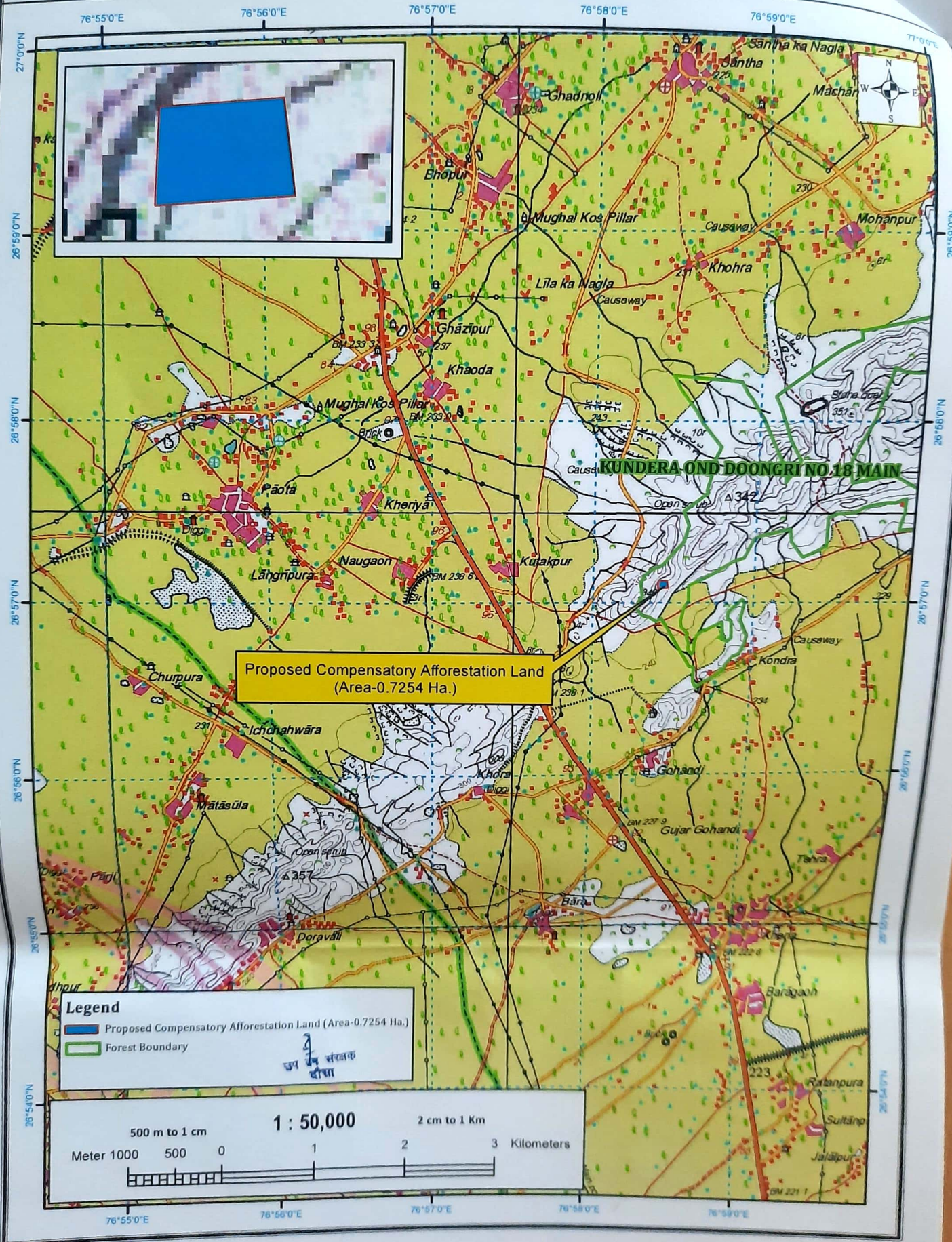
Legend

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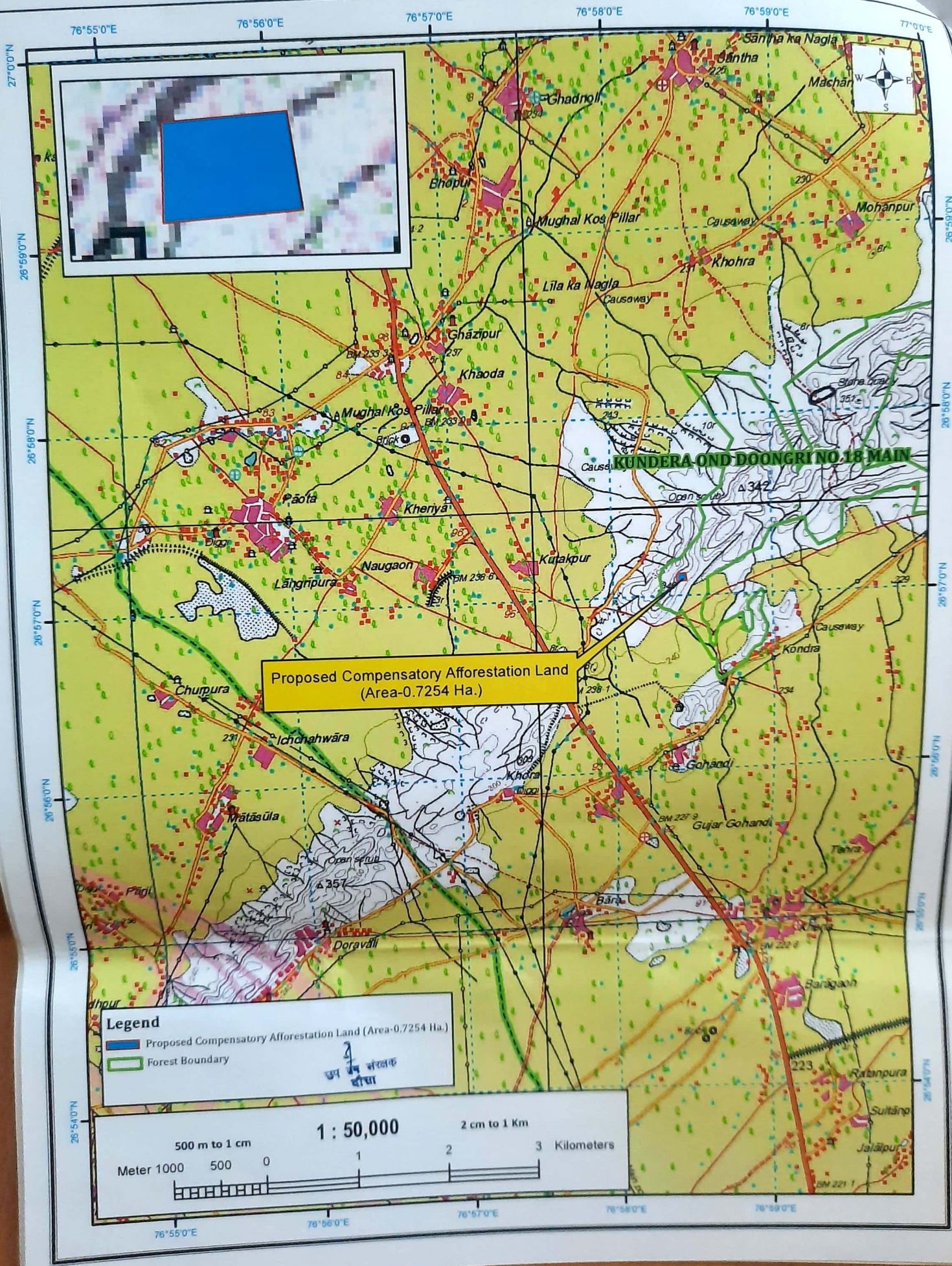
राजस्थान सरकार



MAP SHOWING FOR GEO-REFERENCED SURVEY OF INDIA TOPOSHEET IDENTIFIED LAND FOR COMPENSATORY AFFORESTATION
 Full Title:- "Laying of Underground Optical Fiber Cable Along the NH-21 (old NH11) Road Within the Existing Row from Mahuwa to Via Halena -Bharatpur.
 Proposal No : FP/RJ/OFC/47243/2020



MAP SHOWING FOR GEO-REFERENCED SURVEY OF UNDERGROUND OPTICAL FIBRE CABLE
 Full Title:- "Laying of Underground Optical Fiber Cable Along the NH-21(old NH11)
 Road Within the Existing Row from Mahuwa to Via Halena -Bharatpur.
 Proposal No : FP/RJ/OFC/47243/2020



MAP SHOWING FOR GEO-REFERENCED SURVEY OF INDIA TOPOSHEET IDENTIFIED LAND FOR COMPENSATORY AFFOR...

Full Title:- "Laying of Underground Optical Fiber Cable Along the NH-21(old NH11) Road Within the Existing Row from Mahuwa to Via Halena -Bharatpur.

Proposal No : FP/RJ/OFC/47243/2020

