

**GOVERNMENT OF ASSAM  
ENVIRONMENT AND FOREST DEPARTMENT  
DISPUR, GUWAHATI-6**

No.FRS.10/2022/102

Dated Dispur, the 28<sup>th</sup> July, 2022

To : The Inspector General of Forest (Central),  
Government of India, Ministry of Environment, Forest & Climate Change,  
Integrated Regional Office, 4<sup>th</sup> Floor, Housefed Building,  
G.S Road, Rukminigaon, Guwahati-781022

Sub : Forest diversion proposal for 18.028 Ha. forest land for construction and  
commissioning of 132KV Transmission line from Agia GSS to Goalpara  
TSS in Rakhayashini PRF under Goalpara Division in favour of Central  
Organization for Railway Electrification, Guwahati.

Ref : Govt. of India letter F. No3 AS C/093/ 2022/ GHY/2230-2231,  
dated 28.3.2022

Sir,

In inviting a reference to your letter on the subject cited above, I am directed to furnish herewith the following additional information/documents as sought vide letter under reference for favour of your kind information and necessary action:

| Govt. of India letter F. No<br>3 AS C/093/ 2022/<br>GHY/2230-2231 dated<br>28.3.2022 | Information Provided  |
|--|---|
| Condition No.1   | The User Agency (Railway Electrification, Guwahati) has submitted the SOI Map indicating the 3-alternate route. (Copy enclosed as <b>Annexure-I</b> )   |
| Condition No. 2  | The original copy of Form-A, Part-V with recommended name of the proposal is enclosed as <b>Annexure-II</b> .   |
| Condition No. 3  | The User Agency (Railway Electrification, Guwahati) has submitted the 3- alternate route examination along with the justification for choosing the proposed alignment mentioning ecological parameters. (Copy enclosed as <b>Annexure-III</b> ).  |
| Condition No. 4  | The SOI maps indicating proposed area countersigned by the DFO, Goalpara Division, Goalpara. (Copy enclosed as <b>Annexure-IV</b> ).  |
| Condition No. 5  | The Chief Wildlife Warden Assam has submitted the 2% of the estimated project cost for Human Elephant Conflict (HEC) mitigation vide letter No. WL/FG 35/Diversion Proposal for Transmission line dated 20.7.2022 (Copy enclosed as <b>Annexure-V</b> ).<br><br>The Human Elephant Conflict (HEC) mitigation and wildlife conservation plan will be submitted to the Government of India before accordance of "Final Approval". |
| Condition No. 6  | The User Agency (Railway Electrification, Guwahati) has stated that the proposed area is less than 20 Ha. , hence it is not required. Letter No. KGRE/EL/132KV Tr. Line/GLPT/GR.256/22-23 dated 6.5.2022 is enclosed as <b>Annexure-VI</b> .  |



|                  |   |
|------------------|---|
| Condition No. 7  | The DFO, Goalpara Division has submitted the aerial distance of the proposed area/wildlife Sanctuary National Park. (Copy enclosed as <b>Annexure-VII</b> )   |
| Condition No. 8  | The DFO, Goalpara Division has submitted the Dwarf Species Planation scheme. (Copy enclosed as <b>Annexure-VIII</b> )   |
| Condition No. 9  | The DFO, Goalpara Division has submitted the Site Suitability Certificate of the Compensatory Afforestation area. (Copy enclosed as <b>Annexure-IX</b> )  |
| Condition No. 10 | The DFO, Goalpara Division has stated that the Elephant is present in the proposed Transmission line alignment area. Safety measure taken by Railway with respect to safe movement of Elephant is enclosed herewith as <b>Annexure-X</b><br><br>The CWLW's Site Inspection Report will be submitted to the Government of India before accordance of "Final Approval". |
| Condition No. 11 | The User Agency (Railway Electrification, Guwahati) stated that the FRA-2006 certificate is under process vide letter No. KGRE/EL/132KV Tr. Line/GLPT/GR.256/22-23. dated 6.5.2022 (Copy enclosed as <b>Annexure-VI</b> ).  |
| Condition No. 12 | The User Agency (Railway Electrification, Guwahati) has submitted the undertaking for payment of cost of tree extraction/removal (Copy enclosed as <b>Annexure-XI</b> ).  |

Yours faithfully,



(I. Kalita, ACS)

Addl. Secretary to the Govt. of Assam  
Environment and Forest Department

Enclo: As stated above.

Memo No.FRS.10/2022/102-A

Dated Dispur, the 28<sup>th</sup> July, 2022

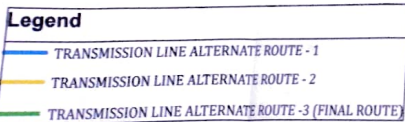
Copy to:

1. The Principal Chief Conservator of Forests & HoFF, Assam, Panjabari, Guwahati-37.

(I. Kalita, ACS)

Addl. Secretary to the Govt. of Assam  
Environment and Forest Department





SEE/RE  
GUWAHATI

*K. S. Rao*  
01/06/2022  
Divisional Forest Officer (P)  
Coimbatore Division.



**PART- V**

**(To be filled in by the Secretary in charge of Forest Department or by any other authorized officer of the State Government not below the rank of an Under Secretary)**

18. Recommendation of the State Government  
(Adverse comments made by any officer or authority in Part-B or Part-C or Part-D above should be specifically commented upon)

:- FP/AS/TRANS/142618/2021

*Recommended.*

*10.03.2022*

Date:- 10.03.2022

Place:- GUWAHATI

Signature  
Name & Designation  
(Official Seal)  
Additional Secretary  
to the Government of Assam  
Environment & Forest Department  
Assam, Dispur





## RAILWAY ELECTRIFICATION GUWAHATI

Annexure-III  
13/5/22

Date: 25/04/2022

### **Sub: Justification of the Alternate Route Alignment.**

In connection with Railway Electrification of New Bongaigaon to Kamakhya Via Goalpara Railway Station, a traction substation 132 KV/25 KV will be setup at Goalpara. The nearest 132 KV GSS for drawing power supply to TSS (Traction Substation) is in Agia under AEGCL. So, to get power supply for Railway Electrification through TSS/ Goalpara. It is required to construct 132 KV transmission line from GSS/ Agia to TSS/ Goalpara since there is no other option to get 132 KV power supply for the above purpose.

Accordingly, a survey has been conducted for construction of 132 KV transmission line considering ecological factors and parameters like populated area, jungle, dense forest Teak & Sal wood plantation, Bamboo jhar, rubber garden etc. The proposed alignment of 132 KV transmission line through a proposed open forest area has been concluded after a detailed survey and also after consideration of all ecological parameters and site condition. The survey was conducted through three alternate routes to get convenient alignment for transmission line.

#### **Route Alignment- I**

According to the survey the route alignment- I is passed through a village, rubber garden, bamboo jhars and dense forest area full with teak, sal and other several big trees. If 132 KV transmission line is constructed through this alignment, it will not only involve the cutting of huge nos of costly trees like teak, sal & other trees also will involve cutting & clearing of bamboo jhars, rubber garden etc. Moreover, objection will be raised from villagers because the EHT line will restrict the construction of house building of villagers and plantation of trees like mango, jack fruit, nut, coconut etc. under the transmission line.

Due to above reason as explained, rout alignment- I is not considered as suitable for construction of 132 KV transmission line.

#### **Route Alignment- II**

If route alignment- II is considered for construction of 132 KV transmission line from AGIA GSS to Goalpara TSS, the alignment involves thick populated area, more nos of villages and several rubber garden. So if this route alignment is considered, it will not only effect rubber plantation badly but also will involve cutting of more nos of big big trees. This alignment will restrict villager's plantation. Moreover the construction of EHT line over thick populated area & house buildings is not safe and for this reason inhabitant of the locality will not allow to construct transmission line along this route.

Due to above reason as explained, rout alignment- II is not considered as suitable for construction of 132 KV transmission line.

#### **Route Alignment- III**

The survey is conducted to find out convenient, obstruction free, safe and more ecological path i.e alternate route alignment- III for construction of 132 KV transmission line from AGIA GSS to Goalpara TSS. According to the survey the route-III is taken through open area of forest land, paddy field etc. There is neither involvement of cutting of any tree nor passing the line over & throughany village/houses & rubber gardens.

So considering all three route alignment it is found that alignment- III is more suitable in respect of ecological parameters and obstruction.

25/4/22  
(N.R.Chakraborty)  
SEE/RE/GHY  
Railway electrification  
Guwahati







Annex-V



**GOVERNMENT OF ASSAM**  
**OFFICE OF THE PRINCIPAL CHIEF CONSERVATOR OF FORESTS (WILDLIFE) AND**  
**CHIEF WILDLIFE WARDEN, ASSAM::PANJABARI::GUWAHATI-37**

Email ID: pccf.wl.assam@gmail.com  
Date: 20/07/2022

No:WL/FG.35/Diversion Proposal for Transmission Line

To,  
The Principal Chief Conservator of Forests &  
Head of Forest Force, Assam,  
Panjabari, Guwahati-37

Sub: Forest diversion proposal for 18.028 Ha. of forest land for construction and commissioning of 132 KV transmission line from Agia GSS to Goalpara TSS in Rakhysahini PRF under Goalpara Division.

Ref: CCF & Nodal Officer (FC Act.) Assam's letter no. FG.27/FCA/Proposal/Transmission Line/Railway/Goalpara Divn. Dtd. 01/04/2022

Sir,

With reference to the subject cited above, I have the honour to inform you that the necessary NOC/Clearance may be granted to the project subject to the realization of 2 % of project cost for Human Elephant Conflict (HEC) mitigation as estimated below to the Corpus Fund account of "PCCF Wildlife & CWLW, Assam", for the possible impact on wildlife due to the proposed diversion proposal for 18.028 Ha. of forest land for construction and commissioning of 132 KV transmission line from Agia GSS to Goalpara TSS in Rakhayashini PRF under Goalpara Division.

|   |               |
|---|---------------|
| * Estimated cost of the Project (Rupees in lacs): | Rs. 2200 Lacs |
| 2 % of Project Cost                               | Rs. 44 Lacs   |

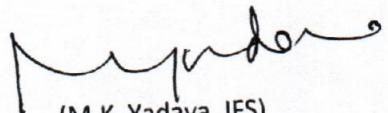
Bank Account Details:- Bank Name & Address :- HDFC Bank.  
GS Road, Guwahati  
Kamrup (Metropolitan)-781005.  
A/C No:- 50100522482250  
IFSC:- HDFC 0000264  
Branch Code:- 0264

The amount may be deposited by means of Demand Draft addressed to "PCCF Wildlife & CWLW, Assam".

Therefore an amount of Rs. 44 Lacs may be charged from the User Agency for the said purpose

This is for favour of your kind information and necessary action.

Yours Faithfully,

  
(M.K. Yadava, IFS)  
Chief Wildlife Warden, Assam





Annexure VI

**RAILWAY ELECTRIFICATION  
GUWAHATI**

No: KGRE/EL/132 KV Tr. Line/GLPT/GR.256/22-23

Date: 06/05/2022

To,  
The Divisional Forest Officer (T)  
Goalpara Division, Goalpara.

Sub: Proposal for diversion of 18.028 Ha. Of forest land for construction and commissioning of 132 KV transmission line from Agia GSS to Goalpara TSS in Rakhayashini PRF under Goalpara Division in favour of Central Organization for Railway Electrification, Guwahati.

Ref: Your Letter No. B/GLP/DFO(T)/Railway/FC act/1319 Dated 05/04/2022.

Reference above point wise report as sought by Inspector General of Forest (c), Guwahati and communicated by you vide letter under reference are furnished below.

|    |  |   |
|----|--|---|
| 01 | The original or colour scan Sol map indicating the 3-alternate route examination (route I, II and III) with proper legend.   | Enclosed.   |
| 02 | State Govt. to submit the signed Part V form mentioning specific recommended proposal area as it submitted unsigned.   | To be submitted by Govt. of Assam.                                    |
| 03 | The 3-alternate route examination (I,II and III) along with the justification for choosing the proposed alignment mentioning ecological parameters i.e. forest cover, density, forest type, habitation etc.  | Enclosed.   |
| 04 | The Sol map indicating the proposed area has not been countersigned by the concerned DFO, hence the submitted Sol mal is returned herewith and State Govt. to resubmit the countersigned map.  | Submitted for Counter Signature of DFO, Goalpara.                     |
| 05 | The IIEC mitigation and wildlife conservation plan approved by CWLW as recommended by the Nodal Officer (FCA) Govt. of Assam.  | To be submitted by CWLW & Nodal Officer (FCA).                        |
| 06 | The cost benefit analysis of the proposed area.  | It is not reqd. as the area is less than 20 ha.                       |
| 07 | The aerial distance of the proposed area from the nearest Protected Area/Wildlife Sanctuary/ National park.  | To be submitted by DFO/ Goalpara.                                     |
| 08 | The technical approved and duly signed dwarf species plantation scheme.  | To be submitted by DFO/ Goalpara and it is not pertaining to railway. |
| 09 | The site suitability certificate of the CA area proposed.  | It is not pertaining to Railway.                                      |
| 10 | State Govt to clarify whether any scheduled-I species, mammals, birds, other wildlife is present in the proposed alignment, if yes, site inspection report from CWLW along with appropriate necessary mitigation measures for the possible impact on the wildlife due to the proposed high-tension line and wildlife mitigation plan is to be submitted. | It is not pertaining to Railway and to be submitted by DFO/Goalpara.  |
| 11 | The current status of FR Act, 1980 of this instant Proposal.   | Already communication made with DC/Goalpara.                          |
| 12 | The undertaking certificate by the user agency for payment of cost of tree extraction/removal by the user agency.  | Enclosed.   |

(N.R.Chakraborty)  
SEE/RE/GHY  
Railway Electrification  
Guwahati






GOVT. OF ASSAM

OFFICE OF THE DIVISIONAL FOREST OFFICER : GOALPARA DIVISION  
GOALPARA

Date:- 16/06/2021.

To whom it may concern

This is to certify that in respect of the proposed area to be diverted along the Railway Electrification, Guwahati, there is no any Tiger Reserve / National Park / Wildlife Sanctuary/Biosphere Reserve falling within the jurisdiction of Goalpara Forest Division (T). Goalpara. All the proposed area to be diverted for construction 132 KV transmission line from Agia GSS (AEGCL) to Rly traction Sub -Station near Goalpara Railway Station along Railway Electrification, Guwahati, are free from any kind of protected areas as mentioned above. Hence, distance of the proposed area to be shown specially from the nearest Tiger Reserve/ National park/Wildlife Sanctuary/ Biosphere Reserve may not be held good in this regard.

  
Divisional Forest Officer (T)  
Goalpara Division, Goalpara.



Annexure - VIII

GOVERNMENT OF ASSAM  
OFFICE OF THE CHIEF CONSERVATOR OF FORESTS (T) :: CENTRAL ASSAM CIRCLE  
BASISTHA, GUWAHATI-29

No. FC.24/CAC/Rail Trans/Rakhyasini PRF/2022,

Date: 15-06-2022

To,

The Divisional Forest Officers,  
Goalpara Division,  
Goalpara

Sub: Technical Approval of Dwarf Species/Medicinal Plantation.

Ref: Your letter No.A/GLP/DFO(T)/Technical Approval/1300-04, dtd. 01/06/2022.

With reference to your letter cited above, the estimate for dwarf Species/Medicinal Plantation of 2003 area of Block Plantation under Transmission line corridor under Goalpara Forest Division for construction of 132 KV transmission line from AGIA to Goalpara TSS is returned herewith after recording technical approval by the undersigned.

Encl: As stated above.

(Sandeep Kumar, IFS)  
Addl. Principal Chief Conservator of Forests  
I/C Central Assam Circle  
Guwahati-29

Copy to the Addl. Principal Chief Conservator of Forests (T), Lower Assam Zone, Guwahati-29 for favour of kind information.

Addl. Principal Chief Conservator of Forests  
I/C Central Assam Circle  
Guwahati-29

15-06-2022



**SCHEME FOR DWARE SPECIES/MEDICINAL PLANTATION IN 2.003 HA. AREA UNDER TRANSMISSION LINE CORRIDOR UNDER GOALPARA FOREST DIVISION**

**(DIVERSION OF 18.028 HA. FOREST LAND FOR 132 KV TRANSMISSION LINE FROM AGIA GSS TO GOALPARA TSS AT RAKHYASHINI PRF UNDER GOALPARA FOREST DIVISION)**

Total effective area of transmission line in Rakhyashini PRF :  $(6677.04 \text{ M} \times 27 \text{ M}) = 18.028 \text{ HA}$

Total effective area of transmission line in Goalpara Forest Division : 18.028 ha.

Tree cutting shall be allowed in two strips of 3 meters width each below both the conductors. Hence total area available for plantation :  $(3 \text{ M} + 3 \text{ M}) \times 6677.04 = 4.0 \text{ HA}$

Among two strips, one 3 meters outer strips shall be left clear to permit medicinal activities of transmission line. Hence, free space for medicinal planation shall be :  $4.0/2 = 2.0 \text{ ha.}$

**Total area to be covered by medicinal plantation**

**Estimate for 2 Ha. Block Planation**

Spacing of plantation :  $3 \text{ M} \times 3 \text{ M}$

Total No. of seedling per block :  $1100/\text{ha.} \times 2 = 2200 \text{ Nos.}$

| ESTIMATE FOR 1 (ONE) BLOCK PLANTATION (2 HA) |   |      |      |      |                     |
|--|---|------|------|------|---------------------|
| S.   | Particular  | Qty  | Unit | Rate | Amount (Rs.)        |
| A  | Advance work  |      |      |      |                     |
| 1  | Site selection survey, demarcation, jungle cutting, burning etc. 16 DLS/ha = Total 32 DLS @ Rs. 320/-                                     | 32   | DLS  | 320  | ₹ 10,240.00         |
| 2  | Procurement of stacking materials & making in to sticks & fixing at site @ 10 DLS/ha = Total 20 DLS @ Rs. 320/-                           | 20   | DLS  | 320  | ₹ 6,400.00          |
| 3  | Cost of full G. P. F. fencing with 2 line barbed wire to be fitted on RCC pillars at 2Mt. apart including labour for 600 RM @ 720 per RM. | 600  | DLS  | 720  | ₹ 432,000.00        |
| 4  | Wages of DLS for carrying, fitting, fixing etc of the fencing material complete as directed @ 25 DLS/ha for 2 ha = 50 DLS                 | 50   | DLS  | 320  | ₹ 16,000.00         |
| 5  | Cost of tools, implements, sign boards etc including filling, fixing etc @  | 2    | L.S. | 500  | ₹ 1,000.00          |
| <b>TOTAL FOR ADVANCE WORK</b>                |   |      |      |      | <b>₹ 465,640.00</b> |
| B  | 1st year creation of Plantation and Maintenance (@ Rs. 320/DLS)   |      |      |      |                     |
| 1  | Procurement of polypot seedling @ Rs. 7/- from departmental nursery to  | 2200 | L.S. | 7    | ₹ 15,400.00         |
| 2  | Transportation of polypot seedling from existing departmental nursery to  |      | L.S. |      | ₹ 4,000.00          |
| 3  | Wages for planting with misselleneous spp Like Amloki, G. Neem, Kor   | 40   | DLS  | 320  | ₹ 12,800.00         |
| 4  | 4 weeding, vacancy filling etc 30DLS/ha = 60 DLS  | 60   | DLS  | 320  | ₹ 19,200.00         |
| 5  | Fire line protection @ 2 DLS/ha   | 4    | DLS  | 320  | ₹ 1,280.00          |
| 6  | Watering of seedlings @ 26 DLS/ha   | 52   | DLS  | 320  | ₹ 16,640.00         |
| <b>TOTAL FOR 1st YEAR</b>                    |   |      |      |      | <b>₹ 69,320.00</b>  |
| C  | 2nd year maintenance (@ Rs. 352/DLS)  |      |      |      |                     |
| 1  | 4 weeding, vacancy filling etc 30DLS/ha = 60 DLS  | 60   | DLS  | 352  | ₹ 21,120.00         |
| 2  | Procurement of 500 Nos. of polypot seedlings @ Rs. 7/- per seedling for   | 500  | DLS  | 7    | ₹ 3,500.00          |



|   |   |     |      |      |                                       |
|---|---|-----|------|------|---------------------------------------|
| 3   | Watering of seedlings @ 26 DLs/ha                                       | 52  | DLs  | 352  | ₹ 18,304.00                           |
| 4   | Fire line protection @ 2 DLs/ ha  | 4   | DLs  | 352  | ₹ 1,408.00                            |
| 5   | Manuring of the seedlings @ Rs. 1000/ha                                 | 2   | L.S. | 1000 | ₹ 2,000.00                            |
| <b>D 3rd year maintenance (@ Rs. 387/DLs)</b>                           |   |     |      |      | <b>TOTAL FOR 2nd YEAR ₹ 46,332.00</b> |
| 1   | 4 weeding, vacancy filling etc 30DLs/ha = 60 DLs                        | 60  | DLs  | 387  | ₹ 23,220.00                           |
| 2   | Procurement of 500 Nos. of polypot seedlings @ Rs. 7/- per seedling for | 500 | DLs  | 7    | ₹ 3,500.00                            |
| 3   | Watering of seedlings @ 26 DLs/ha                                       | 52  | DLs  | 387  | ₹ 20,124.00                           |
| 4   | Repairing of fencing where necessary 3DLs/ ha                           | 6   | DLs  | 387  | ₹ 2,322.00                            |
| 5   | Fire line protection @ 2 DLs/ ha  | 4   | DLs  | 387  | ₹ 1,548.00                            |
| 6   | Manuring of the seedlings @ Rs. 1000/ha                                 | 2   | L.S. | 1000 | ₹ 2,000.00                            |
| <b>F 4th year maintenance (@ Rs. 426/DLs)</b>                           |   |     |      |      | <b>TOTAL FOR 3rd YEAR ₹ 52,714.00</b> |
| 1   | 4 weeding, vacancy filling etc 30DLs/ha = 60 DLs                        | 60  | DLs  | 426  | ₹ 25,560.00                           |
| 2   | Fire line protection @ 2 DLs/ ha  | 4   | DLs  | 426  | ₹ 1,704.00                            |
| 3   | Manuring of the seedlings @ Rs. 1000/ha                                 | 2   | L.S. | 1000 | ₹ 2,000.00                            |
| <b>F 5th year maintenance (@ Rs. 468/DLs)</b>                           |   |     |      |      | <b>TOTAL FOR 4th YEAR ₹ 29,264.00</b> |
| 1   | 3 weeding, vacancy filling etc 27DLs/ha = 54 DLs                        | 54  | DLs  | 468  | ₹ 25,272.00                           |
| 2   | Fire line protection @ 2 DLs/ ha  | 4   | DLs  | 468  | ₹ 1,872.00                            |
| 3   | Manuring of the seedlings @ Rs. 1000/ha                                 | 2   | L.S. | 1000 | ₹ 2,000.00                            |
| <b>G 6th year maintenance (@ Rs. 515/DLs)</b>                           |   |     |      |      | <b>TOTAL FOR 5th YEAR ₹ 29,144.00</b> |
| 1   | Chimber cutting & upkeeping @ 6 DLs/ha = 12 DLs                         | 12  | DLs  | 515  | ₹ 6,180.00                            |
| 2   | Fire line protection @ 2 DLs/ ha  | 4   | DLs  | 515  | ₹ 2,060.00                            |
| 3   | Repairing of fencing where necessary 3DLs/ ha                           | 6   | DLs  | 515  | ₹ 3,090.00                            |
| 4   | Control burning 4 DLs/ha  | 8   | L.S. | 515  | ₹ 4,120.00                            |
| <b>H 7th year maintenance (@ Rs. 566/DLs)</b>                           |   |     |      |      | <b>TOTAL FOR 6th YEAR ₹ 15,450.00</b> |
| 1   | Pruning 6 DLs/ha  | 12  | DLs  | 566  | ₹ 6,792.00                            |
| 2   | Fire line protection @ 2 DLs/ ha  | 4   | DLs  | 566  | ₹ 2,264.00                            |
| 3   | Control burning 4 DLs/ha  | 8   | L.S. | 566  | ₹ 4,528.00                            |
| <b>I 8th year maintenance (@ Rs. 623/DLs)</b>                           |   |     |      |      | <b>TOTAL FOR 7th YEAR ₹ 13,584.00</b> |
| 1   | Pruning 6 DLs/ha  | 12  | DLs  | 623  | ₹ 7,476.00                            |
| 2   | Fire line protection @ 2 DLs/ ha  | 4   | DLs  | 623  | ₹ 2,492.00                            |
| 3   | Control burning 4 DLs/ha  | 8   | L.S. | 623  | ₹ 4,984.00                            |
| <b>J 9th year maintenance (@ Rs. 685/DLs)</b>                           |   |     |      |      | <b>TOTAL FOR 8th YEAR ₹ 14,952.00</b> |
| 1   | Pruning 6 DLs/ha  | 12  | DLs  | 685  | ₹ 8,220.00                            |
| 2   | Fire line protection @ 2 DLs/ ha  | 4   | DLs  | 685  | ₹ 2,740.00                            |
| 3   | Control burning 4 DLs/ha  | 8   | L.S. | 685  | ₹ 5,480.00                            |
| <b>K 10th year maintenance (@ Rs. 754/DLs)</b>                          |   |     |      |      | <b>TOTAL FOR 9th YEAR ₹ 16,440.00</b> |
| 1   | Pruning 6 DLs/ha  | 12  | DLs  | 754  | ₹ 9,048.00                            |
| 2   | Fire line protection @ 2 DLs/ ha  | 4   | DLs  | 754  | ₹ 3,016.00                            |
| 3   | Control burning 4 DLs/ha  | 8   | L.S. | 754  | ₹ 6,032.00                            |
| <b>TOTAL PROJECT COST FOR TEN (10) YEARS (For 1 Block of 2 ha area)</b> |   |     |      |      | <b>₹ 7,70,936.00</b>                  |

Total for 1 Block of 2 ha area

Rs. 7,70,936.00

Total for 2.0 ha (Effective area of plantation)

Rs. 7,70,936.00

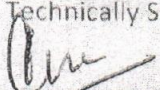
|          |   |     |     |     |              |
|----------|---|-----|-----|-----|--------------|
| <b>B</b> | <b>Watch and Ward Expenditure</b>                     |     |     |     |              |
| 1        | Wages of watch and ward 1 No. for 365 days (1st year) | 365 | DLs | 320 | ₹ 116,800.00 |
| 2        | Wages of watch and ward 1 No. for 365 days (2nd year) | 365 | DLs | 352 | ₹ 128,480.00 |
| 3        | Wages of watch and ward 1 No. for 365 days (3rd year) | 365 | DLs | 387 | ₹ 141,255.00 |
| 4        | Wages of watch and ward 1 No. for 365 days (4th year) | 365 | DLs | 426 | ₹ 155,490.00 |
| 5        | Wages of watch and ward 1 No. for 365 days (5th year) | 365 | DLs | 468 | ₹ 170,820.00 |
| 6        | Wages of watch and ward 1 No. for 365 days (6th year) | 365 | DLs | 515 | ₹ 187,975.00 |
| 7        | Wages of watch and ward 1 No. for 365 days (7th year) | 365 | DLs | 566 | ₹ 206,590.00 |

*Kumar*

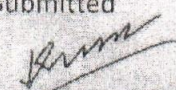


|   |   |     |     |     |                       |
|---|---|-----|-----|-----|-----------------------|
| 8   | Wages of watch and ward 1 No. for 365 days (8th year)   | 365 | DLs | 623 | ₹ 227,395.00          |
| 9   | Wages of watch and ward 1 No. for 365 days (9th year)   | 365 | DLs | 685 | ₹ 250,025.00          |
| 10  | Wages of watch and ward 1 No. for 365 days (10th year)  | 365 | DLs | 754 | ₹ 275,210.00          |
| <b>TOTAL FOR WATCH AND WARD FOR TEN (10) YEARS</b>                                |   |     |     |     | <b>₹ 1,860,040.00</b> |
| <b>Total : (Rs. 7,70,936.00 + 18,60,040.00 ) = Rs. 26,30,976.00</b>               |   |     |     |     |                       |
| C   | Overhead Expenditure 50% of total cost  |     |     |     | ₹ 13,15,488.00        |
| <b>Grand Total</b>  |   |     |     |     | <b>₹ 39,46,464.00</b> |
| <b>(Rupees Thirty Nine Lakhs Forty Six Thousand Four Hundred Sixty Four Only)</b> |   |     |     |     |                       |
| N.B.:   | The above estimation has been done on the presumption of Annual wages enhancement of 10% from the prevailing wages rate |     |     |     |                       |

Approved & Technically Sanctioned

  
**(Sandeep Kumar, IFS)**  
 Conservator of Forests  
 Addl. Principal Chief Conservator of Forests  
 VC Central Division Circle  
 Guwahati - 29

Submitted

  
 Divisional Forest Officer (T)  
 Goalpara Division  
 Goalpara



Annexure - IX

**Compensatory Afforestation Land Site Suitability Certificate**

This is to certify that 36.06 ha. (Double of proposed area of diversion) of degraded forest land identified in Guriajhar Reserve Forest (25.06 ha. in one plot and 11.0 ha. in another plot) under Krishnai Range of Goalpara Forest Division(T), Goalpara for Compensatory Afforestation against the diversion area of 18.028 ha. Forest land by THE CHIEF PROJECT DIRECTOR, CENTRAL ORGANIZATION FOR RAILWAY ELECTRIFICATION, GUWAHATI is suitable for management point of view and free from all encumbrances.

The proposed CA site was visited by the undersigned on 24<sup>th</sup> August' 2021.

*Kum*  
Divisional Forest Officer (T)  
Goalpara Division

**Jitendra  
Kumar** Digitally signed by  
Jitendra Kumar  
Date: 2021.12.26  
19:47:11 +05'30'

Divisional Forest Officer (T)  
Goalpara Division, Goalpara



*Kum*  
Divisional Forest Officer (T)  
Goalpara Division



Annexure X

CENTRAL ORGANISATION FOR RAILWAY ELECTRIFICATION  
OFFICE OF THE

CHIEF PROJECT DIRECTOR, RAILWAY ELECTRIFICATION GUWAHATI

Railway Transit Quarter No.308-C, Behind Netaji Vidyapit School,  
Near RPF Barrack, Maligaon, Guwahati - 781011 (Assam)

No.GDRE/EL/NJP/Tr. line/21-22

Date:13/01/2022

Divisional Forest Officer (T),  
Goalpara Division,  
Goalpara

**Sub:** Provision for safety of Wild life specially elephant.

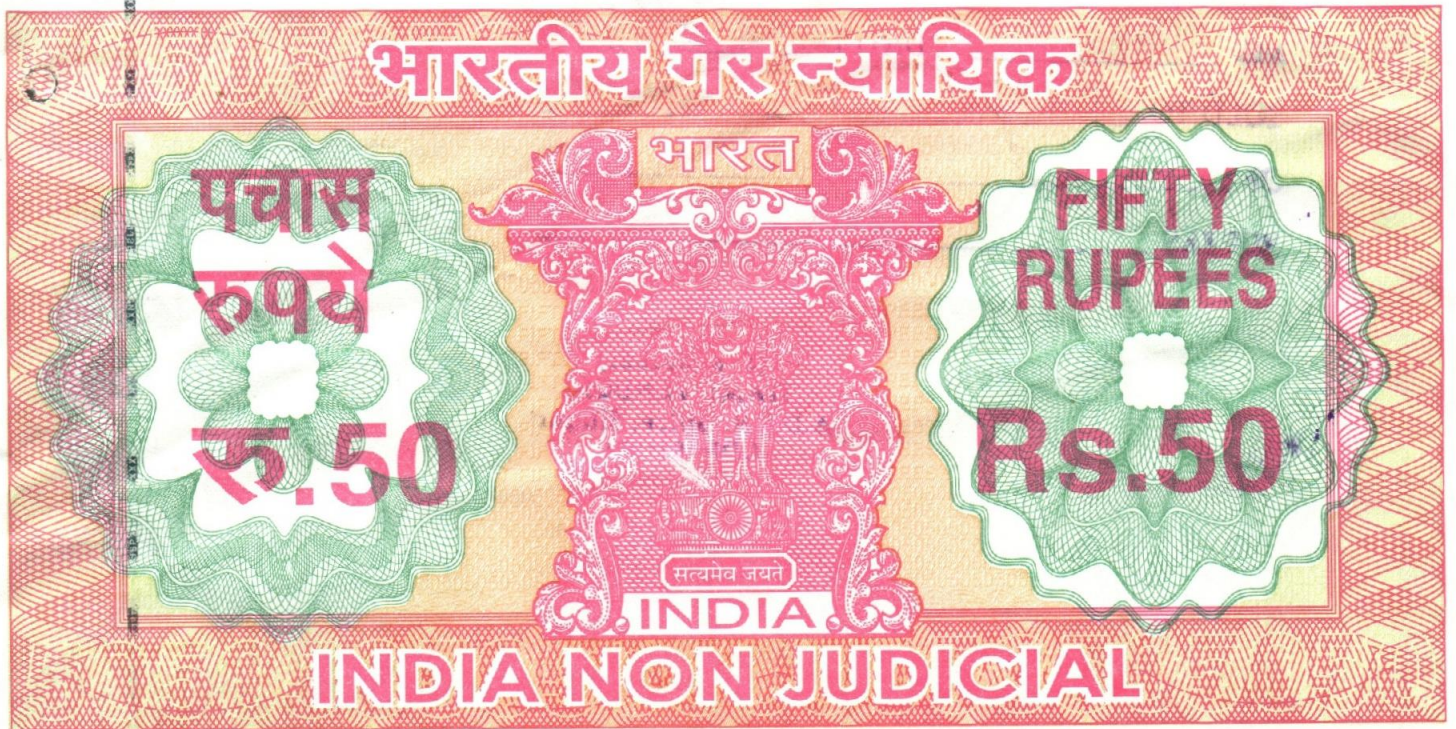
**Ref:** Divisional Forest Officer (T), Goalpara Division, Goalpara's letter No.B/GLP/DFO(T)/  
FC Act/Railway/NOC/84-85 Dt.11.01.2022.

Reference above, the transmission line to be constructed from Agia GSS to Goalpara TSS is similar in nature and structure as per the previous two transmission lines being 132 KV Agia to Matia & 400 KV Salekathi to Mirza already running through the Rakhyasini PRF under Goalpara Sadar Range. The basic height of each tower is a minimum of 27 meters, the cross arm for stringing of the conductor occupies a length of 3 meters of the top section of the tower giving the span of the conductor ground clearance of minimum 20 meters to 23 meters. Therefore the stringing conductor shall not by any means intervene the movement of wildlife in the PRF area as observed in the case of the old two transmission lines mentioned above.

The necessary earthing for the tower structures have been provided for and also the towers have been connected from top to top via an earth conductor. Hence we assure you the necessary safety measures have been taken. All conductors and earth wires will be fitted with compression type clamps and disc insulator due to which there is no possibility of snapping of conductor and wire. Moreover, transmission line will be equipped with precise and sensitive protective devices. So, minimum clearance between line conductor and ground of 20 to 23 mtrs. will provide enough safety clearance for roaming of wild animal and elephants.

(ANUJ VYAS)  
DY.CEE/RE/NJP





পশ্চিমবঙ্গ পশ্চিম বঙ্গাল WEST BENGAL

AB 587564

Undertaking certificate by the user agency

This is being ensured that Railway will pay the cost of tree extraction/ removal to get forest clearance for construction of 132 KV transmission line from AGIA GSS to Goalpara TSS as per rule & procedure. Whatever the cost will be involved as per Govt. rule and prescribed Govt. rate to obtain forest clearance as per procedure Railway will bear the cost.

*(Signature)*  
08/7/22  
(N.R.Chakraborty)  
SEE/RE/GHY  
Railway Electrification  
Guwahati



NO 1065 DATED 08/07/22  
SOLD TO Indian Railways  
OF SUG  
RUPRES 501

S. K. Sarkar  
(S. K. Sarkar)  
STAMP VENDOR,  
A.D.S.R. Office, Siliguri  
L/No-8/1975