

NHIDCL/PMU-TAMENGLONG/FCA-PKG-4/T-M/2022-23/620

Date: 23.06.2022

To,
The District Forest Officer,
Tamenglong, Dist. Tamenglong
Manipur

Subject: Proposal for diversion of 47.885 ha of forest land for construction of two-lane with paved shoulder of Phelong-Azuram Section (Package-4) from km 43.480 to km 54.180 of Tamenglong-Mahur Road in the State of Manipur on EPC Mode. **Regarding Submission of Compliance Report for Stage-II Clearance.**

- Ref.- 1. F.No. 3-MN C 039/2021-SHI/507-08 dated 8th October, 2021
2. No. 7/287/2021/Forests/464 Imphal, the 18th October, 2021
3. NHIDCL/PMU-Tamenglong/FCA/TML-Mahur(P-4)/2021-22/ 271, Dt 10.11.21
4. No. 7/287/2021/forests/522 Imphal, the 26th March,2022
5. No. 7/287/2021/forests/11 Imphal, the 7th April,2022
6. No. 7/287/2021/forests/522 Imphal, the 26th March,2022
7. No. 7/283/2021/forests/106 Imphal, the 17th June, 2022

Sir,

In reference of above cited subject, the Central Government vide letter under ref (1) (copy enclosed) conveyed the "In-Principle Approval" for diversion of 47.885 ha of forest land for construction of two-lane with paved shoulder of Phelong-Azuram Section (Package-4) from km 43.480 to km 54.180 of Tamenglong-Mahur Road in the State of Manipur on EPC Mode subject to fulfilment of the stipulated conditions.

Further, the State Forest Department issued us a demand note for payment of NPV, CA cost, etc. & for compliance of stipulated conditions given in IPA vide letter under ref (2, 4, 5 & 6) (copy enclosed) for Stage-I Clearance. Moreover, vide ref (7), The Chief Conservator of Forest, Nodal Officer/FCA, Manipur has asked to resubmit the compliance report by updating the payment made towards Avenue Plantation, the cost of felling of trees and for erection of boundary pillars for the stage-II Clearance for the above subject road. The Stipulated conditions & its compliance report is as under: - The Stipulated conditions & its compliance report is as under: -

| Para No. | Stipulated Conditions in IPA | Compliance Report |
|----------|---|---|
| 1. | The user agency shall transfer, the Net Present Value (NPV) of the forest land being diverted under this proposal, as per the orders of the Hon'ble Supreme | Complied. Deposited a sum of Rs. 5,20,87,800/- [Rs. 3,70,34,200/- for NPV in para 1 + Rs. 1,50,53,600/- for CA in para 2 vide |

| | | |
|----|--|--|
| | <p>Court of India dated 28/03/2008, 24/04/2008 and 09/05/2008 in Writ petition (Civil) No. 202/1995 and as per the guidelines issued by the Ministry, vide letters No 5-3/2007-FC dated 05.02.2009. The requisite funds shall be transferred through online portal into CAMPA account of the State concerned. At the time of payment of the Net Present Value (NPV) at the then prevailing rate, the User Agency shall furnish an undertaking to pay the additional amount of NPV, if so determined, as per the final decision of the Hon'ble Supreme Court of India.</p> | <p>chq. No. 231949 & transaction id- CNRB030070828575 of the forest land diverted under this proposal by e-payment through e-portal (http://parivesh.nic.in/). Proof of Payment is enclosed as Annexure-I & II. Undertaking for payment of Addl. NPV is enclosed as Annexure-III.</p> |
| 2. | <p>The user agency shall transfer the cost of, raising and maintaining the compensatory afforestation at the current wage rate in consultation with State Forest Department in the account of CAMPA of the concerned State through online portal. The scheme may include appropriate for anticipated cost increase for works scheduled for subsequent years. Compensatory Afforestation shall be raised over double degraded forest area i.e. 96.0 ha identified the State Forest Department in 2 (two) patches i.e. 55 ha in Compartment No. 27 in Namtiram Part-I, and 41 ha in Compartment No. 27 in Namtiram Part-II in Tamenglong Forest Division</p> | <p>Complied. Deposited a sum of Rs. 5,20,87,800/- [Rs. 3,70,34,200/- for NPV in para 1 + Rs. 1,50,53,600/- for CA in para 2 vide chq. No. 231949 & transaction id- CNRB030070828575 of the forest land diverted under this proposal by e-payment through e-portal (http://parivesh.nic.in/). Proof of Payment is enclosed as Annexure-I & II.</p> |
| 3. | <p>The user agency shall transfer the cost of raising Avenue plantation on the road side with the State Forest Department to CAMPA account only through e-portal.</p> | <p>Complied. Deposited a sum of Rs. 1,04,59,540/- vide chq no. 695436 dated 09.06.22 against Avenue Plantation under this proposal by e-payment through e-portal in CAMPA account (http://parivesh.nic.in/). Proof of Payment is enclosed as Annexure-IV.</p> |
| 4. | <p>All the above funds received from the User Agency under the project shall be transferred/deposited to CAMPA account only through e-portal (http://parivesh.nic.in/). Amount deposited through other made will not</p> | <p>Complied. Deposited a sum of Rs. 5,20,87,800/- [Rs. 3,70,34,200/- for NPV in para 1 + Rs. 1,50,53,600/- for CA in para 2 vide chq. No. 231949 & transaction id- CNRB030070828575 & Rs. 1,04,59,540/- vide chq no. 695436</p> |

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| | be accepted as compliance of the STAGE-I clearance. | <i>dated 09.06.22 against Avenue Plantation of the forest land diverted under this proposal by e-payment through e-portal (http://parivesh.nic.in/). Proof of Payment is enclosed as Annexure-I, II & IV.</i> |
| 5. | The compliance report shall be uploaded on e-portal (http://parivesh.nic.in/). | <i>Compliance Report will be uploaded on e-portal (http://parivesh.nic.in/).</i> |
| 6. | The complete compliance of the FRA, 2006 shall be ensured by way of prescribed certificate from the District Collector. | <i>Undertaking enclosed as Annexure-V.</i> |
| 7. | Violation of any of these conditions will amount to violation of Forest (Conservation) Act, 1980 and action would be taken as prescribed in para 1.21 of Chapter 1 of the Handbook of comprehensive guidelines of Forest (Conservation) Act, 1980 as issued by the Ministry's letter No. 5-2/2017-Fc dated 28.03.2019. | <i>Undertaking enclosed as Annexure-VI.</i> |
| 8. | The cost of felling of trees shall be deposited by the User Agency with the State Forest Department. | <i>Complied. Deposited a sum of Rs. 32,24,640/- [Rs. 4,94,000/- for Extraction of trees + Rs. 27,30,640/- for erection of boundary pillars vide chq no. 695437 dated 09.06.22 under this proposal by RTGS in the account of DFO, Tamenglong. Proof of Payment is enclosed as Annexure-VII.</i> |
| 9. | The User Agency shall deposit Rs. 20.0 lakhs for establishment of Bio-diversity. Garden in Tamenglong to the State Forest Department | <i>Complied. Deposited a sum of 20.0 lakhs to the account of DFO/Tamenglong (A/c No. 06751 100000256. Punjab & Sind Bank (IFSC Code: PSIB0000675) <u>vide Chq. No. 231950 Dated 27.10.21</u> for construction of Ex-situ Bio-diversity Conservation Garden to be established at Tamenglong Forest Division. It is requested to DFO Tamenglong to</i> |



| | | |
|-----|--|---|
| 10. | The State Forest Department shall submit a small write-up of the proposed Bio-diversity Garden with location, components, activities, species to be planted | <i>Stipulated condition will be complied by DFO-Tamenglong.</i> |
| 11. | The undertaking from the user agency for providing proper drainage of retaining/ breast wall in steep slopes and stabilization of side slope to avoid soil erosion and landslides and to provide drains / cross drains. Physical barriers/ Structures to prevent the muck from entering streams & rivers and other ecologically sensitive areas are to be constructed on the lower slope side before any construction works are started. | <i>Undertaking enclosed as Annexure-VIII.</i> |
| 12. | The KML files of the area to be diverted, the CA areas, the proposed SMC works, the WLMP area shall be uploaded on the e- Green watch portal with all requisite details before issuing work permission towards linear projects or submitting compliance report for seeking Stage-II approval, as the case may be | <i>Undertaking enclosed as Annexure-IX.</i> |
| 13. | Undertaking from user agency and State Forest Department regarding proposed avenue plantation with RET species, fruit bearing plants and other native species of ecological and economic importance and that the State Forest Department shall solicit the active participation of JFMC for nursery raising and production of Quality Planting materials for the plantations. | <i>Undertaking enclosed as Annexure-X.</i> |
| 14. | Undertaking from user agency and State Forest Department to jointly identify activities in consultation with concerned villagers for construction of wayside amenities like waiting sheds, marketing sheds etc. along the | <i>Undertaking enclosed as Annexure-XI.</i> |



| | | |
|-----|---|---|
| | highway for the benefit of villagers and incorporate into the proposal, if found necessary. | |
| 15. | Legal status of the diverted forest land shall remain unchanged. | <i>Undertaking enclosed as Annexure-XII.</i> |
| 16 | The forest land proposed to be diverted shall under no circumstances be transferred to any other Agency, department or person without prior approval of the Central Government. | <i>Undertaking enclosed as Annexure-XIII.</i> |
| 17 | No damage to the flora and fauna of the adjoining area shall be caused. | <i>Undertaking enclosed as Annexure-XIV.</i> |
| 18. | The layout plan of the proposal shall not be changed without the prior approval of the Central Government. | <i>Undertaking enclosed as Annexure-XV.</i> |
| 19. | The concerned Divisional Forest Officer, will monitor and take necessary mitigative measures to ensure that there is no adverse impact on the forests in the surrounding area. | <i>Stipulated condition will be complied by DFO-Tamenglong.</i> |
| 20. | The user agency shall undertake regressing of the muck dumping area and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. | <i>Undertaking enclosed as Annexure-XVI.</i> |
| 21. | The User Agency shall submit the annual self-compliance report in respect of the above stated conditions to the State Government, concerned Regional Office and to this Ministry by the end of March every Year. | <i>Undertaking enclosed as Annexure-XVII.</i> |
| 22. | The user agency shall comply all the provisions of the all Acts, Rules, Regulations, Guidelines, Hon'ble Court Order (s) and NGT Order (s) pertaining to this project, if any, for the time being in force, as applicable to the project. | <i>Undertaking enclosed as Annexure-XVIII.</i> |
| 23. | All other clearance/NOCs under different applicable rules/regulations /local laws and under Forest Dwellers (Recognition of Forest Rights) Act, 2006 as required vide MoEF, New Delhi | <i>Undertaking enclosed as Annexure-XIX.</i> |



| | | |
|-----|---|---------------|
| | guideline No. 11-9/1998-FC(pt) dated 03.08.2009 shall be complied with | |
| 24. | As per Ministry's letter No 11-30/96-FC(pt) dt 14.9.2001, if the compliance of stipulated conditions is awaited from the State Govt. for more than 5 (five) years, the in-principle approval would be summarily be revoked considering that the user agency is no longer interested in the Project. | <i>Noted.</i> |

We hereby are submitting compliance report for your kind necessary action. Also, it is requested to provide Stage-II Clearance at the earliest.

Encl: as mentioned above



23/06/2022

(Sushil Kumar Rai)
General Manager (P)
NHIDCL, PMU-Tamenglong
Manipur

Copy to: -

- 1) ED (P), RO-Imphal, (For kind information, Please)
- 2) Chief Conservator of Forest, Nodal Officer/FCA, (For kind information and necessary action, Please)
- 3) Guard File

Annexure-I



PARIVESH
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Ministry of Environment, Forest and Climate Change
Government of India




1:23:42 PM

My Account ▾ My Proposals Environment Clearance ▾ Only CRZ Clearance ▾ My Proposals Forest Clearance ▾ My Proposals Wildlife Clearance ▾ Help ▾

Online payment history made by User Agency under CAMPA

Help

| Sno. | Proposal Detail | Application_No | Application No (New) | Date of IN-PRINCIPLE | Amount to be Paid/Amount Paid (in Rs.) | Payment Status | Payment Detail | Demand Letter |
|------|---|------------------------------|----------------------|----------------------|---|---|--|------------------------------------|
| 1 | FP/MN/ROAD/139300/2021 Construction of Two lane with Paved Shoulder of Phelong-Azuram Section (Package-4, From Km43.480 to Km54.180) of Tamenglong- Mahur Road in the state of Manipur on EPC mode. | ROAD139300202197361139300973 | | 08 Oct 2021 | CA: 15053600/- PCA: 0/- Safety Zone: 0/- NPV: 37034200/- Other Charges1 : 0/- Other Charges2 : 0/- Other Charges3 : 0/- Total : 52087800/- | <div style="text-align: center;">  Paid </div> | Fund Demand Verified by Nodal Officer On Bank Name Mode of Payment Challan Generated On Transaction Date | Demand Letter Generated Challan |

[Handwritten Signature]

General Manager
NHIDCL PMU

Annexure-II

| | | | | | |
|--|--|---------------|-------------|--|--|
| | | Nodal Officer | Recommended | The proposal is in public interest and it is recommended | |
|--|--|---------------|-------------|--|--|

Specific recommendation of the State Government (Part V)

17. Specific recommendation of the State Government for acceptance or otherwise of the proposal with reason (Part V)

| State | Recommendation By | Recommendation | Recommendation Date | Remarks | Signing Authority | Notification | Recommendation Letter |
|---------|-------------------|----------------|---------------------|-------------|---------------------|--------------|-----------------------|
| Manipur | State Secretary | Recommended | 26/06/2021 | Recommended | State Govt. Officer | No Data | |

Stage-I Clearance Report

| | | | | |
|-----------------------------|--------------------------------------|-------------------------------------|---|------------------|
| Regional Office Shillong | Recommendation By Regional Office | MoEF File No. 3-MNC 039/2021-SHI | Date of Stage-I Clearance 08/10/2021 | Clearance Letter |
|-----------------------------|--------------------------------------|-------------------------------------|---|------------------|

18. Payment made by User Agency

| Proposal No. | Application No. | Total Amount (Rs.) | Transaction Date | Transaction ID | Bank Name | Mode of Payment | Uploaded Demand Letter |
|------------------------|-------------------|--------------------|------------------|------------------|---------------------|---------------------|------------------------|
| FP/MN/ROAD/139300/2021 | ROAD1393002021973 | 52087800 | 28 Oct 2021 | CNR8030070828575 | Union Bank Of India | NEFT/RTGS (Challan) | |

23. Stage-II Clearance Details

| Proposal No. | Date of Stage-II Clearance | Proposal Status | Clearance Letter |
|------------------------|----------------------------|-----------------------|------------------|
| FP/MN/ROAD/139300/2021 | | Approved In-Principle | No Data |

General Manager (M)
NHIDCL, PMU Tarnagur

Annexure-III

UNDERTAKING

The user agency, hereby undertakes that, at the time of payment of the Net Present Value (NPV) at the then prevailing rate; the User Agency shall furnish an undertaking to pay the additional amount of NPV, if so determined, as per the final decision of the Hon'ble Supreme Court of India for **“Construction of Two lane with Paved Shoulder of Phelong- Azuram Section (Package-4, From Km 43.480 to Km 54.180) of Tamenglong- Mahur Road in the state of Manipur on EPC mode.”**



**(Sushil Kumar Rai)
General Manager (P)
NHIDCL, PMU-Tamenglong
Manipur-795141**

Annexure-IV

← → ↻ ⚠ Not secure | forestsclearance.nic.in/UserAccount/Payment_history.aspx



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Government of India

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|--------------------------------------|--|---|--|---|--|---|--|---------------------------------|--|--|--|
| In the state of Manipur on EPC mode. | | ROAD/139300/2021 | | ROAD/139300/2021/58961139500589 | | 08 Oct 2021 | | 08 Oct 2021 | | 3:05:38 PM | |
| 3 | | Construction of Two lane with Paved Shoulder of Phelung-Azuram Section (Package-4, From Km3.480 to Km54.180) of Tamenglong- Mahur Road in the state of Manipur on EPC mode. | | CA: 0/-, PCA: 0/-, Safety Zones: 0/-, NPV: 0/-, Other Charges 1: 0/-, Other Charges 2: 0/-, Other Charges 3: 0/-, Total: 10459540/- | | Addl CA: 0/-, CAT: 0/-, Addl PA: 0/-, Avenue Plantation: 10459540/- | | Paid | | Fund Demand Verified by Nodal Officer On Bank Name Mode of Payment Challan Generated On Transaction Date | |
| | | | | | | | | | | Demand Letter Generated Challan | |

[Handwritten Signature]

General Manager (P)
NHIDCL, PMU Tamenglong

UNDERTAKING

The user agency, hereby undertakes that, complete compliance of the FRA, 2006 shall be ensured by way of prescribed certificate from the District Collector for **“Construction of Two lane with Paved Shoulder of Phelong-Azuram Section (Package-4, From Km 43.480 to Km 54.180) of Tamenglong-Mahur Road in the state of Manipur on EPC mode.”**



**(Sushil Kumar Rai)
General Manager (P)
NHIDCL, PMU-Tamenglong
Manipur-795141**

UNDERTAKING

The user agency, hereby undertakes that, Violation of any of conditions of IPA will amount to violation of Forest (Conservation) Act, 1980 and action would be taken as prescribed in para 1.21 of Chapter 1 of the Handbook of comprehensive guidelines of Forest (Conservation) Act, 1980 as issued by the Ministry's letter No. 5-2/2017-Fc dated 28.03.2019 for **“Construction of Two lane with Paved Shoulder of Phelong- Azuram Section (Package-4, From Km 43.480 to Km 54.180) of Tamenglong- Mahur Road in the state of Manipur on EPC mode.”**



**(Sushil Kumar Rai)
General Manager (P)
NHIDCL, PMU-Tamenglong
Manipur-795141**

Annexure-VII



राष्ट्रीय राजमार्ग एवं अवसंरचना विकास निगम लिमिटेड

सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार

National Highways & Infrastructure Development Corporation Limited

Ministry of Road Transport & Highways, Govt. of India



संयोजित क्षेत्र का प्रकल्प

A PUBLIC SECTOR UNDERTAKING

NHIDCL/RO-Imphal/T-M/NH-137/Forest/2022 /471

10.06.2022

To,

The General Manager (Projects)

PMU-Tamenglong,

NHIDCL

Subject: (I) Proposed diversion of 44.958 Ha of forest land for construction of two lane with paved shoulder of Tamenglong Dialong Section (Package-1, From Km 0-Km 10) of Tamenglong-Mahur Road in the state of Manipur on EPC Mode.

(II) Proposed diversion of 99.488 Ha of forest land for construction of two lane with paved shoulder of Tamenglong Dialong- Old Tamenglong Section (Package-2, From Km 10-Km 31.430) of Tamenglong- Mahur Road in the state of Manipur on EPC Mode.

(III) Proposed diversion of 54.933 Ha of forest land for construction of two lane with paved shoulder of Old Tamenglong- Phelong Section (Package-3, From Km 31.430-Km 43.480) of Tamenglong- Mahur Road in the state of Manipur on EPC Mode.

(IV) Proposed diversion of 47.885 Ha of forest land for construction of two lane with paved shoulder of Phelong- Azuram Section (Package-4, From Km 43.480-Km 54.180) of Tamenglong-Mahur Road in the state of Manipur on EPC Mode.

- Approval & Deposit of amount against Avenue Plantation, Extraction of trees & Erection of Boundary Pillars-Reg.

Ref:- HQ NHIDCL letter no. NHIDCL/Manipur/DPR/T-T-H&J-T/2020/185375/2990 dated 27.05.2022 (copy enclosed).

Please refer to letter under reference vide which HQ NHIDCL has mentioned that the Competent Authority has accorded the approval for the estimates of Avenue Plantation, Trees felling & erection of Boundary Pillars as summarized below:-

| Sr.no. | Items | Amount for Package-1 for 44.958 Ha (in Rs) | Amount for Package-2 for 99.488 Ha (in Rs) | Amount for Package-3 for 54.933 Ha (in Rs) | Amount for Package-4 for 47.885 Ha (in Rs) |
|--------|---------------------------------------|---|---|---|---|
| 1. | Avenue plantation (incl. maintenance) | 98,18,100.00 | 2,16,17,610.00 | 1,20,26,600.00 | 1,04,59,540.00 |
| 2. | Extraction of trees | 6,27,500.00 | 7,80,000.00 | 6,58,000.00 | 4,94,000.00 |
| 3. | Erection of Boundary Pillars | 24,84,000.00 | 53,96,500.00 | 30,43,200.00 | 27,30,640.00 |
| | Total | 1,29,29,600.00 | 2,77,94,110.00 | 1,57,27,800.00 | 1,36,84,180.00 |

Regional Office -Transit Hostel (2nd Floor), Officers' Club,
Lamphelpat, Imphal, Manipur-795001, Phone:0385-2416303 Email ID: ro-imphal@nhidcl.com

General Manager (P)
NHIDCL, PMU Tamenglong

2. Accordingly, payment towards Avenue Plantation, Extraction of trees & Erection of Boundary Pillars has been released to the CAMPA & DFO respectively. Details are as below:-

| Sr.no. | Items | Amount for Package-1 for 44.958 Ha (in Rs) | Amount for Package-2 for 99.488 Ha (in Rs) | Amount for Package-3 for 54.933 Ha (in Rs) | Amount for Package-4 for 47.885 Ha (in Rs) | Remarks |
|--------|--|---|---|---|---|-------------------------------|
| 1 | Avenue plantation (incl. maintenance) | 98,18,100.00 | 2,16,17,610.00 | 1,20,26,600.00 | 1,04,59,540.00 | CAMP Account |
| | | Cheque no. 695433 dt. 09.06.2022 | Cheque no. 695434 dt. 09.06.2022 | Cheque no. 695435 dt. 09.06.2022 | Cheque no. 695436 dt. 09.06.2022 | |
| | Total | 98,18,100.00 | 2,16,17,610.00 | 1,20,26,600.00 | 1,04,59,540.00 | |
| 2 | Extraction of trees | 6,27,500.00 | 7,80,000.00 | 6,58,000.00 | 4,94,000.00 | DFO- Tamenglong Account |
| 3 | Erection of Boundary Pillars | 24,84,000.00 | 53,96,500.00 | 30,43,200.00 | 27,30,640.00 | |
| | Total | 31,11,500.00 | 61,76,500.00 | 37,01,200.00 | 32,24,640.00 | |
| | Cheque no. 695437 dt. 09.06.2022 amounting to Rs. 1,62,13,840/- deposited in DFO-Tamenglong Account towards Extraction of trees & Erection of Boundary Pillars | | | | | |

3. In view of the above, it is requested to get in touch with CCF & Nodal Officer, Govt. of Manipur & concerned DFO and process for the Stage-II clearance from the Forest Department on priority.

Col R K Swain (Retd.)
GM (Admin & LA)
NHIDCL, RO-Imphal

Encl.: As above.

Copy to:

- (i) CCF & Nodal Officer/FCA, Govt. of Manipur.
- (ii) DFO-Tamenglong, Govt. of Manipur.
- (ii) Relevant File.

General Manager (P)
NHIDCL, RO-Tamenglong

UNDERTAKING

The user agency, hereby undertakes that, we will provide proper drainage of retaining/ breast wall in steep slopes and stabilization of side slope to avoid soil erosion and landslides and to provide drains/cross drains. Physical barriers/ Structures to prevent the muck from entering streams & rivers and other ecologically sensitive areas are to be constructed on the lower slope side before any construction works started for **“Construction of Two lane with Paved Shoulder of Phelong- Azuram Section (Package-4, From Km 43.480 to Km 54.180) of Tamenglong- Mahur Road in the state of Manipur on EPC mode.”**



**(Sushil Kumar Rai)
General Manager (P)
NHIDCL, PMU-Tamenglong
Manipur-795141**

UNDERTAKING

The user agency, hereby undertakes that, compliance report for seeking Stage-II approval will be submitted for **“Construction of Two lane with Paved Shoulder of Phelong- Azuram Section (Package-4, From Km 43.480 to Km 54.180) of Tamenglong- Mahur Road in the state of Manipur on EPC mode.”**



**(Sushil Kumar Rai)
General Manager (P)
NHIDCL, PMU-Tamenglong
Manipur-795141**

UNDERTAKING

The user agency, hereby undertakes that, proposed avenue plantation with RET species, fruit bearing plants and other native species of ecological and economic importance and that the State Forest Department shall solicit the active participation of JFMC for nursery raising and production of Quality Planting materials for the plantations for **“Construction of Two lane with Paved Shoulder of Phelong- Azuram Section (Package-4, From Km 43.480 to Km 54.180) of Tamenglong- Mahur Road in the state of Manipur on EPC mode.”**



**(Sushil Kumar Rai)
General Manager (P)
NHIDCL, PMU-Tamenglong
Manipur-795141**

UNDERTAKING

The user agency, hereby undertakes that, we & The DFO-Tamenglong jointly identify activities in consultation with concerned villagers for construction of wayside amenities like waiting sheds, marketing sheds etc. along the highway for the benefit of villagers and incorporate into the proposal, if found necessary for **“Construction of Two lane with Paved Shoulder of Phelong-Azuram Section (Package-4, From Km 43.480 to Km 54.180) of Tamenglong-Mahur Road in the state of Manipur on EPC mode.”**



**(Sushil Kumar Rai)
General Manager (P)
NHIDCL, PMU-Tamenglong
Manipur-795141**

Annexure-XII

UNDERTAKING

The user agency, hereby undertakes that, the Legal status of the diverted forest land shall remain unchanged for **“Construction of Two lane with Paved Shoulder of Phelong- Azuram Section (Package-4, From Km 43.480 to Km 54.180) of Tamenglong- Mahur Road in the state of Manipur on EPC mode.”**



**(Sushil Kumar Rai)
General Manager (P)
NHIDCL, PMU-Tamenglong
Manipur-795141**

UNDERTAKING

The user agency, hereby undertakes that, the forest land proposed to be diverted shall under no circumstances be transferred to any other Agency, department or person without prior approval of the Central Government for **“Construction of Two lane with Paved Shoulder of Phelong- Azuram Section (Package-4, From Km 43.480 to Km 54.180) of Tamenglong- Mahur Road in the state of Manipur on EPC mode.”**



**(Sushil Kumar Rai)
General Manager (P)
NHIDCL, PMU-Tamenglong
Manipur-795141**

UNDERTAKING

The user agency, hereby undertakes that, no damage to the flora and fauna of the adjoining area shall be caused during **“Construction of Two lane with Paved Shoulder of Phelong- Azuram Section (Package-4, From Km 43.480 to Km 54.180) of Tamenglong- Mahur Road in the state of Manipur on EPC mode.”**



**(Sushil Kumar Rai)
General Manager (P)
NHIDCL, PMU-Tamenglong
Manipur-795141**

UNDERTAKING

The user agency, hereby undertakes that, the layout plan of the proposal shall not be changed without the prior approval of the Central Government during **“Construction of Two lane with Paved Shoulder of Phelong- Azuram Section (Package-4, From Km 43.480 to Km 54.180) of Tamenglong- Mahur Road in the state of Manipur on EPC mode.”**



**(Sushil Kumar Rai)
General Manager (P)
NHIDCL, PMU-Tamenglong
Manipur-795141**

UNDERTAKING

The user agency, hereby undertakes that, re-grassing of the muck dumping area and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. during **“Construction of Two lane with Paved Shoulder of Phelong-Azuram Section (Package-4, From Km 43.480 to Km 54.180) of Tamenglong-Mahur Road in the state of Manipur on EPC mode.”**



**(Sushil Kumar Rai)
General Manager (P)
NHIDCL, PMU-Tamenglong
Manipur-795141**

UNDERTAKING

The user agency, hereby undertakes that, submission of the annual self-compliance report in respect of the above stated conditions to the State Government, concerned Regional Office and to this Ministry by the end of March every Year during **“Construction of Two lane with Paved Shoulder of Phelong- Azuram Section (Package-4, From Km 43.480 to Km 54.180) of Tamenglong- Mahur Road in the state of Manipur on EPC mode.”**



**(Sushil Kumar Rai)
General Manager (P)
NHIDCL, PMU-Tamenglong
Manipur-795141**

Annexure-XVIII

UNDERTAKING

The user agency, hereby undertakes that, compliance of all the provisions of the all Acts, Rules, Regulations, Guidelines, Hon'ble Court Order (s) and NGT Order (s) pertaining to this project, if any, for the time being in force, as applicable to the project during **"Construction of Two lane with Paved Shoulder of Phelong- Azuram Section (Package-4, From Km 43.480 to Km 54.180) of Tamenglong- Mahur Road in the state of Manipur on EPC mode."**



**(Sushil Kumar Rai)
General Manager (P)
NHIDCL, PMU-Tamenglong
Manipur-795141**

Annexure-XIX

UNDERTAKING

The user agency, hereby undertakes that, All other clearance/NOCs under different applicable rules/regulations /local laws and under Forest Dwellers (Recognition of Forest Rights) Act, 2006 as required vide MoEF, New Delhi guideline No. 11-9/1998-FC(pt) dated 03.08.2009 shall be complied with during **“Construction of Two lane with Paved Shoulder of Phelong- Azuram Section (Package-4, From Km 43.480 to Km 54.180) of Tamenglong- Mahur Road in the state of Manipur on EPC mode.”**



(Sushil Kumar Rai)
General Manager (P)
NHIDCL, PMU-Tamenglong
Manipur-795141



भारत सरकार
GOVERNMENT OF INDIA
एकीकृत क्षेत्रीय कार्यालय
INTEGRATED REGIONAL OFFICE
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
लॉड सीब लुम्बतंगेन/LAW-U-SIB, LUMBATNGEN,
शिलोंग/SHILLONG-793021
TEL. 0364-2537278; FAX. 0364-2536041
E-mail: moefro.shillong@gov.in



F. No. 3-MN C 039/2021-SHI 1507-08

8th October, 2021

सेवा मे,

अतिरिक्त प्रमुख सचिव / Addl. Chief Secretary,
वन और पर्यावरण विभाग/ Forest and Environment Department
मणिपुर की सरकार / Government of Manipur,
इंफाल -Imphal – 795 001.

Sub : Proposal for diversion of 47.885 Ha of Forest Land for construction of two lane with paved shoulder of Phelong - Azuram Section From Km 43.480 to Km 54.180 of Tamenglong- Mahur Road in the state of Manipur on EPC mode by NHIDCL.

Sir,

This has got reference to the State Government of Manipur letter No.F.27/56/2021-For & Env't. dated 23.01.2021 on the subject mentioned above seeking prior approval of the Central Government under Section-2 of the Forest (Conservation) Act, 1980.

2. After careful examination of the proposal of the State Government of Manipur and the additional information submitted vide their letter No.F.27/56/2021-(For&Env't) dated 15.09.2021, and after recommendation of the proposal in the Regional Empowered Committee (REC) in its meeting held on 20.08.2021, the **In-principle / Stage-I approval** of the Central Government is hereby granted for diversion of **47.885 Ha** of Forest Land for construction of two lane with paved shoulder of Phelong - Azuram Section From Km 43.480 to Km 54.180 of Tamenglong- Mahur Road in the state of Manipur on EPC mode by NHIDCL, subject to the following conditions:

A: Conditions which need to be complied prior to handing over of forest land by the State Forest Department.

1. The user agency shall transfer, the Net Present Value (NPV) of the forest land being diverted under this proposal, as per the orders of the Hon'ble Supreme Court of India dated 28/03/2008, 24/04/2008 and 09/05/2008 in Writ petition (Civil) No. 202/1995 and as per the guidelines issued by the Ministry vide letters No 5-3/2007-FC dated 05.02.2009. The requisite funds shall be transferred through online portal into CAMPA account of the State concerned;

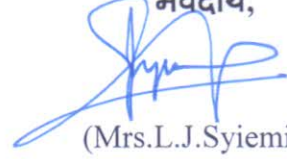
2. The user agency shall transfer the cost of raising and maintaining the compensatory afforestation at the current wage rate in consultation with State Forest Department in the account of CAMPA of the concerned State through online portal. The scheme may include appropriate for anticipated cost increase for works scheduled for subsequent years;

3. The user agency shall transfer the cost of raising Avenue plantation on the road side with the State Forest Department to CAMPA account only through e-portal;
4. All the funds received from the user agency under the project shall be transferred/deposited to CAMPA account only through e-portal(<https://parivesh.nic.in>). Amount deposited through other mode will not be accepted as compliance of the Stage-I clearance;
5. The compliance report shall be uploaded on e-portal (<https://parivesh.nic.in/>);
6. The complete compliance of the FRA, 2006 shall be ensured by way of prescribed certificate from the District Collector;
7. Violation of any of these conditions will amount to violation of Forest(Conservation) Act, 1980 and action would be taken as prescribed in para 1.21 of Chapter 1 of the Handbook of comprehensive guidelines of Forest(Conservation) Act, 1980 as issued by this Ministry's letter No. 5-2/2017-Fc dated 28.03.2019;
8. The cost of felling of trees shall be deposited by the User Agency with the State Forest Department;
9. The User Agency shall deposit Rs. 20.0 lakhs for establishment of Bio-diversity Garden in Tamenglong to the State Forest Department;
10. The State Forest Department shall submit a small write-up of the proposed Bio-diversity Garden with location, components, activities, species to be planted;
11. Undertaking from the user agency for providing proper drainage of retaining / breast wall in steep slopes and stabilization of side slope to avoid soil erosion and landslides and to provide drains / cross drains and walls are to be constructed on the lower slope side before any construction works started;
12. The KML files of the area to be diverted, the CA areas, the proposed SMC works, the WLMP area shall be uploaded on the e-Green watch portal with all requisite details before issuing work permission towards linear projects or submitting compliance report for seeking Stage-II approval, as the case may be;
13. Undertaking from user agency and State Forest Department regarding proposed avenue plantation with RET species, fruit bearing plants and other native species of ecological and economic importance and that the State Forest Department shall solicit the active participation of JFMC for nursery raising and production of Quality Planting materials for the plantations.
14. Undertaking from user agency and State Forest Department to jointly identify activities in consultation with concerned villagers for construction of wayside amenities like waiting sheds, marketing sheds etc. along the highway for the benefit of villagers and incorporate into the proposal, if found necessary.

B: Conditions which need to be strictly complied on field after handing over of forest land to the user agency by the State Forest Department but the compliance in form of undertaking shall be submitted prior to Stage-II approval:

1. Legal status of the diverted forest land shall remain unchanged;
2. Compensatory Afforestation shall be raised over double degraded forest area i.e. 96.0 ha identified the State Forest Department in 2 (two) patches i.e. 55 ha in Compartment No. 27 in Namtiram Part-I, and 41 ha in Compartment No. 27 in Namtiram Part-II in Tamenglong Forest Division;
3. At the time of payment of the Net Present Value (NPV) at the then prevailing rate, the User Agency shall furnish an undertaking to pay the additional amount of NPV, if so determined, as per the final decision of the Hon'ble Supreme Court of India;
4. The forest land proposed to be diverted shall under no circumstances be transferred to any other agency, department or person without prior approval of the Central Government;
5. No damage to the flora and fauna of the adjoining area shall be caused;
6. The layout plan of the proposal shall not be changed without the prior approval of the Central Government;
7. The concerned Divisional Forest Officer, will monitor and take necessary mitigative measures to ensure that there is no adverse impact on the forests in the surrounding area;
8. The user agency shall undertake re-grassing of the muck dumping area and restore the land to a condition which is fit for growth of fodder, flora, fauna etc;
9. The User Agency shall submit the annual self -compliance report in respect of the above stated conditions to the State Government, concerned Regional Office and to this Ministry by the end of March every year;
10. The user agency shall comply all the provisions of the all Acts, Rules, Regulations, Guidelines, Hon'ble Court Order (s) and NGT Order (s) pertaining to this project, if any, for the time being in force, as applicable to the project;
11. All other clearance/NOCs under different applicable rules/regulations /local laws and under Forest Dwellers (Recognition of Forest Rights)Act, 2006 as required vide MoEF, New Delhi guideline No.11-9/1998-FC(pt) dated 03.08.2009 shall be complied with;
12. As per Ministry's letter No 11-30/96-FC(Pt) dt 14.9.2001, if the compliance of stipulated conditions is awaited from the State Govt for more than 5(five) years, the in-principle approval would be summarily be revoked considering that the user agency is no longer interested in the project;

3. After receipt of the compliance report from the State Government on fulfilment of the conditions mentioned above, final approval will be issued in this regard. Formal transfer of forest land shall not be effected by the State Govt till final approval is granted by the Central Government.

भवदीय,


(Mrs.L.J.Syiemiong)

वन उप महानिरीक्षक (केंद्रीय) /Deputy Inspector General of Forests(C)

Copy to:

1. प्रधान मुख्य वन संरक्षक/ Principal Chief Conservator of Forests & HoFF, मणिपुर सरकार/
Government of Manipur, वन और पर्यावरण विभाग/ Forest & Environment Department, इम्फाल /
Imphal -795001.

वन उप महानिरीक्षक (केंद्रीय) /Deputy Inspector General of Forests(C)

Government of Manipur
Office of the. Principal Chief Conservator of Forests
(Climate Change & FCA)
Sanjenthong, Imphal

No. 7/287/2021/Forests/464
To

Imphal, the 18th October, 2021

1. The General Manager (Projects)
NHIDCL, PMU-Tamenglong
2. The Divisional Forest Officer,
Tamenglong Forest Division

Subject: Proposal for diversion of 47.885 ha of forest land for construction of two-lane with paved shoulder of Phelong-Azuram Section from km 43.480 to km 54.180 of Tamenglong-Mahur Road in the State of Manipur on EPC Mode.

Reference letter F.No. 3-MN C 039/2021-SHI/507-08 dated 8th October, 2021.

Sir,

I am to say that the Central Government vide letter No. 3-MN C 039/2021-SHI/507-08 dated 8th October, 2021 (copy enclosed) conveyed the "In- Principle Approval" for diversion 47.885 ha of forest land for construction of two-lane with paved shoulder of Phelong-Azuram Section from km 43.480 to km 54.180 of Tamenglong-Mahur Road in the State of Manipur on EPC Mode subject to fulfilment of the stipulated conditions. You are requested to comply with the conditions stipulated in the Paras in the manner stated thereunder.

| Para No. | Stipulated Conditions | Mode of compliance |
|----------|--|--|
| 1. | The user agency shall transfer, the Net Present Value (NPV) of the forest land being diverted under this proposal, as per the orders of the Hon'ble Supreme Court of India dated 28/03/2008, 24/04/2008 and 09/05/2008 in Writ petition (Civil) No. 202/1995 and as per the guidelines issued by the Ministry vide letters No 5-3/2007-FC dated 05.02.2009. The requisite funds shall be transferred through online portal into CAMPA account of the State concerned. At the time of payment of the Net Present Value (NPV) at the then prevailing rate, the User Agency shall furnish an undertaking to pay the additional amount of NPV, if so determined, as per the final decision of the Hon'ble Supreme Court of India | The User Agency has to transfer ₹ 3,70,34,200/- as cost of Net Present Value (NPV) of the forest land diverted under this proposal by e-payment through e-portal (http://parivesh.nic.in). Amount deposited through other mode will not be accepted as compliance of the STAGE-I clearance. |
| 2. | The user agency shall transfer the cost of raising and maintaining the compensatory afforestation at the current wage rate in | The User Agency has to transfer ₹ 1,50,53,600/- as cost of raising and maintaining the |

| | | |
|----|--|--|
| | consultation with State Forest Department in the account of CAMPA of the concerned State through online portal. The scheme may include appropriate for anticipated cost increase for works scheduled for subsequent years. Compensatory Afforestation shall be raised over double degraded forest area i.e. 96.0 ha identified the State Forest Department in 2 (two) patches i.e. 55 ha in Compartment No. 27 in Namtiram Part-I, and 41 ha in Compartment No. 27 in Namtiram Part-II in Tamenglong Forest Division | Compensatory Afforestation shall be raised over double degraded forest area i.e. 96.0 ha identified the State Forest Department in 2 (two) patches i.e. 55 ha in Compartment No. 27 in Namtiram Part-I, and 41 ha in Compartment No. 27 in Namtiram Part-II in Tamenglong Forest Division |
| 3. | The user agency shall transfer the cost of raising Avenue plantation on the road side with the State Forest Department to CAMPA account only through e-portal. | The user agency to submit undertaking to bear the cost of raising Avenue plantation on the road side with the State Forest Department to CAMPA account only through e-portal |
| 4. | All the above funds received from the User Agency under the project shall be transferred/deposited to CAMPA account only through e-portal (http://parivesh.nic.in). Amount deposited through other made will not be accepted as compliance of the STAGE-I clearance. | The User Agency to transfer a sum of ₹ 5,20,87,800/- [₹3,70,34,200/- for NPV in para 1 + ₹ 1,50,53,600/- for CA in para 2 by e-payment through e-portal (http://parivesh.nic.in)]. |
| 5. | The compliance report shall be uploaded on e-portal (http://parivesh.nic.in). | The user agency to upload the compliance report after fulfilment of the conditions stipulated in the IPA. |
| 6. | The complete compliance of the FRA, 2006 shall be ensured by way of prescribed certificate from the District Collector. | The user agency to submit undertaking that complete compliance of the FRA, 2006 shall be ensured by way of prescribed certificate from the District Collector. |
| 7. | Violation of any of these conditions will amount to violation of Forest (Conservation) Act, 1980 and action would be taken as prescribed in para 1.21 of Chapter 1 of the Handbook of comprehensive guidelines of Forest (Conservation) Act, 1980 as issued by the Ministry's letter No. 5-2/2017-Fc dated 28.09.2019 | The user agency to submit undertaking that violation of any of these conditions will amount to violation of Forest (Conservation) Act, 1980 and action would be taken as prescribed in para 1.21 of Chapter 1 of the Handbook of comprehensive guidelines of Forest (Conservation) Act, 1980 as issued by the Ministry's letter No. 5-2/2017-Fc dated 28.09.2019 |
| 8. | The cost of felling of trees shall be deposited by the User Agency with the State Forest Department | The DFO/Tamenglong to submit the detail estimates for the cost of felling of trees to this office for onward submission to NHIDCL. |
| 9. | The User Agency shall deposit Rs. 20.0 lakhs for establishment of Bio-diversity Garden in Tamenglong to the State Forest Department | The User Agency to deposit a sum of ₹ 20.0 lakhs to the account of DFO/Tamenglong (A/c No. 06751100000256, Punjab & Sind Bank (IFSC |

| | | |
|-----|---|---|
| | | Code: PSIB0000675) for construction of Ex-situ Bio-diversity Conservation Garden to be established at Tamenglong Forest Division. DFO Tamenglong to prepare the project and estimates in consultation with Nodal Officer. |
| 10. | The State Forest Department shall submit a small write-up of the proposed Bio-diversity Garden with location, components, activities, species to be planted | The DFO/Tamenglong will submit a small write-up of the proposed Bio-diversity Garden with location, components, activities, species to be planted |
| 11. | Undertaking from the user agency for providing proper drainage of retaining / breast wall in steep slopes and stabilization of side slope to avoid soil erosion and landslides and to provide drains / cross drains and walls are to be constructed on the lower slope side before any construction works started | User Agency to submit UNDERTAKING for providing proper drainage of retaining / breast wall in steep slopes and stabilization of side slope to avoid soil erosion and landslides and to provide drains / cross drains and walls are to be constructed on the lower slope side before any construction works started |
| 12. | The KML files of the area to be diverted, the CA areas, the proposed SMC works, the WLMP area shall be uploaded on the e-Green watch portal with all requisite details before issuing work permission towards linear projects or submitting compliance report for seeking Stage-II approval, as the case may be | The DFO/Tamenglong and the User Agency to submit the KML files of the area to be diverted, the CA areas, the proposed SMC works, the WLMP area shall be uploaded on the e-Green watch portal with all requisite details before issuing work permission towards linear projects or submitting compliance report for seeking Stage-II approval, as the case may be |
| 13. | Undertaking from user agency and State Forest Department regarding proposed avenue plantation with RET species, fruit bearing plants and other native species of ecological and economic importance and that the State Forest Department shall solicit the active participation of JFMC for nursery raising and production of Quality Planting materials for the plantations. | The DFO/Tamenglong and the User Agency to submit UNDERTAKING regarding proposed avenue plantation with RET species, fruit bearing plants and other native species of ecological and economic importance and that the State Forest Department shall solicit the active participation of JFMC for nursery raising and production of Quality Planting materials for the plantations. |
| 14. | Undertaking from user agency and State Forest Department to jointly identify activities in consultation with concerned-villagers for construction of wayside amenities like waiting sheds, marketing sheds etc. along the highway for the benefit of villagers and incorporate into the proposal, if found necessary. | The DFO/Tamenglong and the User Agency to submit UNDERTAKING to jointly identify activities in consultation with concerned-villagers for construction of wayside amenities like waiting sheds, marketing sheds etc. along the highway for the benefit of villagers and incorporate into the proposal, if found necessary. |
| 15. | Legal status of the diverted forest land shall remain unchanged | User Agency to submit UNDERTAKING stating that the legal status of the diverted forest land shall remain unchanged |

| | | |
|-----|---|---|
| 16. | The forest land proposed to be diverted shall under no circumstances be transferred to any other agency, department or person without prior approval of the Central Government | User Agency to submit UNDERTAKING stating that the forest land proposed to be diverted shall under no circumstances be transferred to any other agency, department or person without prior approval of the Central Government |
| 17. | No damage to the flora and fauna of the adjoining area shall be caused | User Agency to submit UNDERTAKING stating that no damage to the flora and fauna of the adjoining area shall be caused |
| 18. | The layout plan of the proposal shall not be changed without the prior approval of the Central Government | User Agency to submit UNDERTAKING stating that the layout plan of the proposal shall not be changed without the prior approval of the Central Government. |
| 19. | The concerned Divisional Forest Officer, will monitor and take necessary mitigative measures to ensure that there is no adverse impact on the forests in the surrounding area | The Divisional Forest Officer/ Tamenglong, will monitor and take necessary mitigative measures to ensure that there is no adverse impact on the forests in the surrounding area |
| 20. | The user agency shall undertake re-grassing of the muck dumping area and restore the land to a condition which is fit for growth of fodder, flora, fauna etc | User Agency to submit UNDERTAKING for undertake re-grassing of the muck dumping area and restore the land to a condition which is fit for growth of fodder, flora, fauna etc |
| 21. | The User Agency shall submit the annual self -compliance report in respect of the above stated conditions to the State Government, concerned Regional Office and to this Ministry by the end of March every year | The User Agency shall submit the annual self -compliance report in respect of the above stated conditions to the State Government, concerned Regional Office and to this Ministry by the end of March every year |
| 22. | The user agency shall comply all the provisions of the all Acts, Rules, Regulations, Guidelines, Hon'ble Court Order (s) and NGT Order (s) pertaining to this project, if any, for the time being in force, as applicable to the project | The user agency shall comply all the provisions of the all Acts, Rules, Regulations, Guidelines, Hon'ble Court Order (s) and NGT Order (s) pertaining to this project, if any, for the time being in force, as applicable to the project |
| 23. | All other clearance/NOCs under different applicable rules/regulations /local laws and under Forest Dwellers (Recognition of Forest Rights)Act, 2006 as required vide MoEF, New Delhi guideline No. 11-9/1998-FC(pt) dated 03.08.2009 shall be complied with | All other clearance/NOCs under different applicable rules/regulations /local laws and under Forest Dwellers (Recognition of Forest Rights)Act, 2006 as required vide MoEF, New Delhi guideline No. 11-9/1998-FC(pt) dated 03.08.2009 shall be complied with |
| 24. | As per Ministry's •letter No 11-30/96-FC(Pt) dt 14.9.2001, if the compliance of stipulated conditions is awaited from the State Govt for more than 5(five) years, the in-principle approval would be summarily be revoked considering that the user agency is no longer interested in the project | As per Ministry's •letter No 11-30/96-FC(Pt) dt 14.9.2001, if the compliance of stipulated conditions is awaited from the State Govt for more than 5(five) years, the in-principle approval would be summarily be revoked considering that the user agency is no longer interested in the project |

On receipt of the compliance report from the DFO/Tamenglong after the submission from your end, the same will be submitted to the State Government for onward submission to the Ministry and for further necessary action.

Enclosed:

1. Letter F.No. 3-MN C 039/2021-SHI/507-08 dated 8th October, 2021
2. Compensatory Afforestation Scheme
3. Calculation of NPV

Yours faithfully,



(V.L. Roui Kullai)
CCF, Nodal officer/FCA
Government of Manipur

Copy to:

1. The Chief Conservator of Forest, CAMPA
2. The Conservator of Forest, Western Forest Circle

Physical and financial targets for compensatory afforestation(CA) for diversion of 47.885 Ha of forest land for "Construction of Two lane with Paved shoulder of Phelong-Azuram Section from 43.480 Km to 54.180 Km of Tamenglong-Mahur Road (Package-4) in the State of Manipur on EPC Mode."

Centre:
Range:Tousem

Division : Tamenglong Forest Division

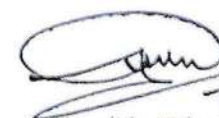
Physical Target: 96 Ha

No. of Plants = 153600 (1600 x 96)
Spacing : 2.5 m x 2.5 m

| Range:Tousem | | | Division : Tamenglong Forest Division | | | | | | | | | | | | | | | | | | | | Spacing : 2.13 m x 2.13 m | | | |
|--------------|-------------------------------|--------------------|---------------------------------------|--------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------------------------|---------|--|--|
| Sl No. | Items of work | Unit per ha in Rs. | Physical and Financial Targets | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 2020-21 | | 2021-22 | | 2022-23 | | 2023-24 | | 2024-25 | | 2025-26 | | 2026-27 | | 2027-28 | | 2028-29 | | 2029-30 | | Total | | | |
| | | | Phy | Fin. | Phy | Fin. | Phy | Fin. | Phy | Fin. | Phy | Fin. | Phy | Fin. | Phy | Fin. | Phy | Fin. | Phy | Fin. | Phy | Fin. | Phy | Fin. | | |
| | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25.000 | | |
| 1 | a) Advance work | 34400 | 96 | 33.024 | | | | | | | | | | | | | | | | | | | 96 | 33.024 | | |
| | b) Creation | 23,500 | | | 96 | 22.56 | | | | | | | | | | | | | | | | | 96 | 22.560 | | |
| | c) 1 st Yr. Maint. | 12,000 | | | | | 96 | 11.52 | | | | | | | | | | | | | | | 96 | 11.520 | | |
| | d) 2 nd Yr. Maint. | 7,000 | | | | | | | 96 | 6.72 | | | | | | | | | | | | | 96 | 6.720 | | |
| | e) 3 rd Yr. Maint. | 5,850 | | | | | | | | | 96 | 5.616 | | | | | | | | | | | 96 | 5.616 | | |
| | f) 4 th Yr. Maint. | 5,850 | | | | | | | | | | | 96 | 5.616 | | | | | | | | | 96 | 5.616 | | |
| | g) 5 th Yr. Maint. | 5,850 | | | | | | | | | | | | | 96 | 5.616 | | | | | | | 96 | 5.616 | | |
| | h) 6 th Yr. Maint. | 5,850 | | | | | | | | | | | | | | | 96 | 5.616 | | | | | 96 | 5.616 | | |
| | i) 7 th Yr. Maint. | 5,850 | | | | | | | | | | | | | | | | | 96 | 5.616 | | | 96 | 5.616 | | |
| | j) 8 th Yr. Maint. | 5,850 | | | | | | | | | | | | | | | | | | | 96 | 5.616 | 96 | 5.616 | | |
| | Sub Total | | | 33.024 | | 22.56 | | 11.52 | | 6.72 | | 5.616 | | 5.616 | | 5.616 | | 5.616 | | 5.616 | | 5.616 | | 107.520 | | |
| 2 | Micro planning | 5% | 4.8 | 1.651 | | 1.128 | | 0.576 | | 0.336 | | 0.281 | | 0.281 | | 0.281 | | 0.281 | | 0.281 | | 0.281 | | 5.377 | | |
| 3 | Soil & Moisture | 10% | 9.6 | 3.302 | | 2.256 | | 1.152 | | 0.672 | | 0.562 | | 0.562 | | 0.562 | | 0.562 | | 0.562 | | 0.562 | | 10.754 | | |
| 4 | Awareness raising | 5% | 4.8 | 1.651 | | 1.128 | | 0.576 | | 0.336 | | 0.281 | | 0.281 | | 0.281 | | 0.281 | | 0.281 | | 0.281 | | 5.377 | | |
| 5 | Fencing | 10% | 9.6 | 3.302 | | 2.256 | | 1.152 | | 0.672 | | 0.562 | | 0.562 | | 0.562 | | 0.562 | | 0.562 | | 0.562 | | 10.754 | | |
| 6 | Overheads | 10% | 9.6 | 3.302 | | 2.256 | | 1.152 | | 0.672 | | 0.562 | | 0.562 | | 0.562 | | 0.562 | | 0.562 | | 0.562 | | 10.754 | | |
| | Sub- Total | 40% | 38.4 | 13.208 | | 9.024 | | 4.608 | | 2.688 | | 2.248 | | 2.248 | | 2.248 | | 2.248 | | 2.248 | | 2.248 | | 43.016 | | |
| | Grand Total | | | 46.232 | | 31.58 | | 16.1 | | 9.408 | | 7.864 | | 7.864 | | 7.864 | | 7.864 | | 7.864 | | 7.864 | | 150.536 | | |

Unit cost = 172.493/110 =Rs. 1.568 lakh per Ha

Say Rs 150.536 lakhs


7/6/2024

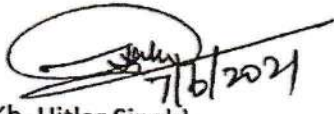
(Kh. Hitler Singh)

Divisional Forest Officer
Tamenglong Forest Division

Divisional Forest Officer
Tamenglong Forest Division
Government of Manipur

CALCULATION OF NET PRESENT VALUE (NPV)

| | | |
|---|---|---|
| 1 | Name of the Project | Diversion of 47.885 Ha of forest land for "construction of Two lane with Paved shoulder of Phelong-Azuram Section (Package-4, from 43.480 Km to 54.180 Km) of Tamenglong-Mahur Road in the State of Manipur on EPC Mode." |
| 2 | User Agency | NHIDCL |
| 3 | Minimum area of forest land required for diversion in Tamenglong Forest Division. | 47.885 Ha |
| 4 | Crown density of the area proposed for diversion | a) Very Dense Forest: 0 Ha (0%) b) Moderately Dense Forest: 9.943 Ha (20.76%) c) Open Forest : 37.942 Ha (79.24%) |
| 5 | Vegetation Covered | Moderately dense and scrubs |
| 6 | Forest Types as per Supreme Court's order date 28/3/2008 in WP © No. 202/1995 | Eco-class -I |
| 7 | Net Present Value as per Supreme Court's Order dated 28/3/2008 in WP © No. 202/1995 | a) Very Dense Forest: (0 ha x Rs. 10.43 lakhs/ha) = Nil b) Moderately Dense Forest: (9.943 ha x Rs. 9.39 lakhs/ha) = Rs. 93.365 lakhs. c) Open forest: (37.942 ha x Rs. 7.30 lakhs/ha) = Rs. 276.977lakhs. |
| | Total | Rs. 370.342 lakhs |


(Kh. Hitler Singh)

Divisional Forest Division
Tamenglong Forest Division

Divisional Forest Officer
Tamenglong Forest Division
Government of Manipur

Government of Manipur
Office of the Principal Chief Conservator of Forests
Climate Change & FCA
Imphal – Manipur

No. 7/287/2021/Forests/ 1522

Imphal, the 26th March, 2022.

To

The General Manager (Projects)
NHIDCL, PMU-Tamenglong

Subject: Diversion of 47.885 ha of forest land for construction of two-lane with paved shoulder of Phelong-Azuram Section from km 43.480 to km 54.180 of Tamenglong-Mahur Road in the State of Manipur on EPC Mode.

Sir,

Please find enclosed herewith detailed estimates (copy enclosed) in connection with diversion of (Pkg-IV) 47.885 ha of forest land for construction of two-lane with paved shoulder of Phelong-Azuram Section from km 43.480 to km 54.180 of Tamenglong-Mahur Road in the State of Manipur on EPC Mode as follows:

| Sl.No | Project Component & Area (ha) | Items of Works | Amount |
|-------|-------------------------------|-------------------|-----------------|
| 1 | Package-IV/ 47.885 ha | Avenue plantation | ₹ 1,04,59,540/- |

The estimated cost of raising Avenue plantation on the roadside to be deposited to CAMPA account only through e-portal (as mentioned in point A.3 in the IPA).

Enclosed: As stated above.

Yours faithfully,



(V.L. Roui Kullai)
CCF & Nodal Officer/FCA
Government of Manipur

Copy to:

1. The CF/Western Circle
2. The DFO/Tamenglong
3. Guard file.

Government of Manipur
Office of the Divisional Forest Officer: Tamenglong Forest Division
Tamenglong

No.3/56/TFD/2019-20

Tamenglong, the 16th March 2022

To,

The Chief Conservator of Forest & Nodal Officer (FCA)
Government of Manipur

Subject: Submission of Detailed estimates for Avenue Plantation for Stage II clearance of Package -1 (44.958 Ha), Package-2 (99.488 Ha), Package-3 (54.933 Ha) & Package-4 (47.885 Ha) of Construction of Two lane with Paved Shoulder Tamenglong-Mahur Road in the State of Manipur on EPC mode


Reference No: (i) NHIDCL/PMU-TAMENGLONG/FCA/TM(PKG-1,2,3 &4)/2021-22/388 Dated 22.01.2022

(ii) NHIDCL/PMU-TAMENGLONG/FCA/TM(PKG-1,2,3 &4)/2021-22/451 Dated 10.03.2022

Madam,

With reference to the above mentioned subject, I have the honour to submit herewith the following detailed estimates for Avenue Plantation in connection with conditions stipulated by the Ministry of Environment and Forest Regional Centre, Shillong Government of India for the Stage -II clearance of the above diversion of Forest land for Construction of Two lane with Paved Shoulder Tamenglong-Mahur Road in the State of Manipur on EPC mode.

| Sl. No. | Stage II | Project component | Area (ha) | Estimate Enclosed | Items of Works | Amount (in Rs) |
|---------|--------------------|-------------------|-----------|-------------------|---------------------|----------------|
| 1 | Stage II Clearance | Package-1 | 44.958 | Avenue Plantation | First Year Creation | 88,18,000.00 |
| | | | | | Maintenance-I | 4,65,000.00 |
| | | | | | Maintenance-II | 1,86,300.00 |
| | | | | | Maintenance-III | 1,74,400.00 |
| | | | | | Maintenance-IV | 1,74,400.00 |
| | | | | Sub-Total | | 98,18,100.00 |
| 2. | Stage II Clearance | Package-2 | 99.488 | Avenue Plantation | First Year Creation | 1,88,98,800.00 |
| | | | | | Maintenance-I | 11,40,770.00 |
| | | | | | Maintenance-II | 5,43,040.00 |
| | | | | | Maintenance-III | 5,17,500.00 |


23/3/2022

RO (FCA)
Meenakshi
23/03/2022

| | | | | | | |
|----|--------------------|-----------|--------|--------------------|---------------------|-----------------------|
| | | | | | Maintenance-IV | 5,17,500.00 |
| | | | | Sub-Total | | 2,16,17,610.00 |
| 3. | Stage II Clearance | Package-3 | 54.933 | Avenue Plantation | First Year Creation | 1,06,24,000.00 |
| | | | | | Maintenance-I | 6,09,800.00 |
| | | | | | Maintenance-II | 2,73,800.00 |
| | | | | | Maintenance-III | 2,59,500.00 |
| | | | | | Maintenance-IV | 2,59,500.00 |
| | | | | Sub-Total | | 1,20,26,600.00 |
| 4. | Stage II Clearance | Package-4 | 47.885 | Avenue Plantation | First Year Creation | 94,35,250.00 |
| | | | | | Maintenance-I | 4,86,200.00 |
| | | | | | Maintenance-II | 1,87,870.00 |
| | | | | | Maintenance-III | 1,75,110.00 |
| | | | | | Maintenance-IV | 1,75,110.00 |
| | | | | | | 1,04,59,540.00 |
| | | | | Grand-Total | | 5,39,21,850.00 |

(Rupees five crores thirty nine lakh twenty one thousand eight hundred fifty) only

Submitted for favour of kind necessary action.

Yours faithfully,

Ally
16/3/2022

(Gaithaolu Thamei)

Conservator of Forests, Western Circle

i/c Divisional Forest Officer

Tamenglong Forest Division

Tamenglong, the 16th March, 2022

Memo No.3/56/TFD/2019-20

Copy To;

1. The Conservator of Forests, Western Forest Circle, Govt. of Manipur
2. The General Manager (P) NHIDCL, PMU-Tamenglong, Manipur
3. Guard File

Avenue Plantation for PKG-4

Name of work: Single Row Avenue Plantation at Down Hill Side

Design : Single row Plantation

Length of Plantation : 10.70 km

Spacing: 4 m from C/C

No. Plants : 2675 nos.

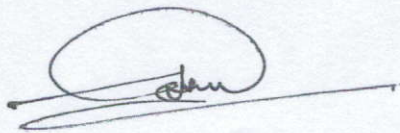
| S no. | Item of work | Quantity | Rate | Unit | Amount | Remark |
|-------------------------------|--|----------|---------|---------|------------|--|
| 1 | Site clearance, removal of the rank vegetation, brushwood, removal of stump wherever by retaining advance growth @ 12 Man-day/ ha (10 sqm area) (2675*10*12/10000) | 32 | 225 | Man-day | 7200.00 | Wage rate as per state Govt. of Manipur order no. 22/4/2009-FD(PIC) dated 03/01/2017 |
| 2 | Collecting of 2675 stakes for size 60-75 cm , long 2.5 cm dia with one end pointed @ 1 Man' day for 320 stakes | 9 | 225 | Man-day | 2025.00 | -do- |
| 3 | Laying out of 2675 planting pits and staking of the pits at prescribed spacing for pits up to 1000 nos per ha @ 1 man day for 220 pits | 12 | 225 | Man-day | 2700.00 | -do- |
| 4 | Planting of trees by the road side (Avenue trees) in 0.60m dia holes, 1m deep dug in the ground, mixing the soil with decayed farm yard/sludge manure, planting, sapling, back filling the trench, watering fixing tree guard and maintaining the plants for one year | 2675 | 1518.3 | each | 4061452.50 | Item No. 13 page 40 of MSR 2018 (State PWD) |
| 5 | Procurement of indigenous tree saplings | 2675 | 90 | each | 240750.00 | Market Rate |
| 6 | Procurement of Farm yard Manure for mixing with soil in the proportion of 1:1 (1 Farm Yard Manure : 1Soil) (1/2 of 0.216 cum of one pit x 2675 pits) | 288.9 | 882.2 | cum | 254867.58 | Item No. 48 iv) page 6 of MSR 2018 (state PWD) |
| 7 | P/F MS flat iron tree guard 60 cm dia and 2 m height above ground level formed with 4 nos. of 25x6 mm and 8 nos 25x6 mm flat iron rings in the halves bolted together with 8 mm diameter and 30 mm long bolts complete in all respects. Including fixing in the ground with cement concrete complete | 2675 | 1750.00 | Each | 4681250.00 | Market Rate. |
| Subtotal | | | | | 9250245.08 | |
| Add Contingency: 2% (approx.) | | | | | 185004.92 | |
| Grand Total | | | | | 9435250.00 | |

(Rupees ninety four lakh thirty five thousand two hundred fifty) only

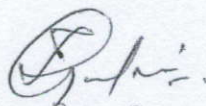
Prepared by

Checked by

Approved by



Range Forest Officer, HQ
Tamenglong Forest Division
Government of Manipur



Range Forest Officer
Range Forest Office, Tamenglong
Government of Manipur



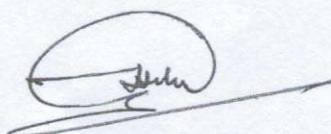
Divisional Forest Officer
Tamenglong Forest Division
Government of Manipur

2nd Year Maintenance (M-I)

| S no. | Item of work | Quantity | Rate | Unit | Amount | Remark |
|-----------------------------|---|----------|-------|---------|-----------|--|
| 1 | First weeding operation to a width of ½ m radius around each plant of 2675 nos. including hoeing @ 125 plants per man day | 22 | 225 | Man-day | 4950.00 | Wage rate as per state Govt. of Manipur order no. 22/4/2009-FD(PIC) dated 03/01/2017 |
| 2 | Procurement of tree saplings (20%) casualty replacement. | 535 | 90 | Man day | 48150.00 | Market Rate |
| 3 | Beating up of casualties upto 20% @ 65 saplings / man day | 9 | 225 | Man day | 2025.00 | Wage rate as per state Govt. of Manipur order no. 22/4/2009-FD(PIC) dated 03/01/2017 |
| 4 | Procurement of Farm yard Manure for mixing with soil in the proportion of 1:1 (1 Farm Yard Manure : 1 Soil) (1/2 of 0.216 cum of one pit x 2675 pits) | 288.9 | 882.2 | cum | 254867.58 | Item No. 48 iv) page 6 of MSR 2018 (state PWD) |
| 5 | Second weeding operation to a width of ½ m radius around each plant of 2675 nos. including hoeing @ 250 plants per man day | 11 | 225 | Man-day | 2475 | Wage rate as per state Govt. of Manipur order no. 22/4/2009-FD(PIC) dated 03/01/2017 |
| 6 | Deployment of 2 nos. of watch and ward for 365 mdys including protection from fire hazard etc | 730 | 225 | Man day | 164250.00 | -do- |
| Sub total | | | | | 476717.58 | |
| Add Contingency @2% (Aprox) | | | | | 9482.42 | |
| Grand Total | | | | | 486200.00 | |

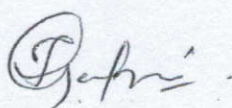
(Rupees four lakhs eighty six thousand two hundred) only

Prepared by



Range Forest Officer, HQ
Tamenglong Forest Division
Government of Manipur

Checked by



Range Forest Officer
Range Forest Office, Tamenglong
Government of Manipur

Approved by



Divisional Forest Officer
Tamenglong Forest Division
Government of Manipur

3rd Year Maintenance (M-II)

| S no. | Item of work | Quantity | Rate | Unit | Amount | Remark |
|---------------------|---|----------|------|---------|-----------|--|
| 1 | First weeding operation to a width of ½ m radius around each plant of 2675 nos. including hoeing @ 125 plants per man day | 22 | 225 | Man-day | 4950.00 | Wage rate as per state Govt. of Manipur order no. 22/4/2009-FD(PIC) dated 03/01/2017 |
| 2 | Purchase of seedlings for beating up (5%) | 134 | 90 | each | 12060.00 | Market Rate |
| 3 | Beating up of casualties upto 5% @ 65 saplings / man day | 2 | 225 | Man day | 450.00 | Wage rate as per state Govt. of Manipur order no. 22/4/2009-FD(PIC) dated 03/01/2017 |
| 4 | Second weeding operation to a width of ½ m radius around each plant including hoeing @ 250 plants per man day | 11 | 225 | Man day | 2475.00 | -do- |
| 5 | Deployment of 3 nos. of watch and ward for 365 mdys including protection from fire hazard etc. | 730 | 225 | Man day | 164250.00 | -do- |
| Subtotal | | | | | 184185.00 | |
| Add Contingency @2% | | | | | 3685.00 | |
| Grand Total | | | | | 187870.00 | |

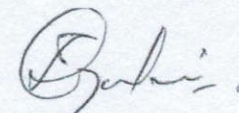
(Rupees one lakh eighty seven thousand eight hundred seventy) only.

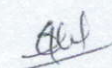
Prepared by

Checked by

Approved by


 Range Forest Officer, HQ
 Tamenglong Forest Division
 Government of Manipur


 Range Forest Officer
 Range Forest Office, Tamenglong
 Government of Manipur


 Divisional Forest Officer
 Tamenglong Forest Division
 Government of Manipur

4th Year Maintenance (M-III)

| S no. | Item of work | Quantity | Rate | Unit | Amount | Remark |
|----------------------------|--|----------|------|---------|-----------|--|
| 1 | First weeding operation to a width of ½ m radius around each plant of 2675 nos. including hoeing @ 125 plants per man day | 22 | 225 | Man-day | 4950.00 | Wage rate as per state Govt. of Manipur order no. 22/4/2009-FD(PIC) dated 03/01/2017 |
| 2 | Second weeding operation to a width of ½ m radius around each plant of 2675 nos. including hoeing @ 250 plants per man day | 11 | 225 | Man-day | 2475.00 | -do- |
| 3 | Deployment of 2 nos. of watch and ward for 365 mday including protection from fire hazard etc. | 730 | 225 | Man day | 164250.00 | -do- |
| Subtotal | | | | | 171675.00 | |
| Add Contingency @2%(Aprox) | | | | | 3435.00 | |
| Grand Total | | | | | 175110.00 | |

(Rupees one lakh seventy five thousand one hundred ten) only

5th Year Maintenance (M-IV)

| S no. | Item of work | Quantity | Rate | Unit | Amount | Remark |
|----------------------------|--|----------|------|---------|-----------|--|
| 1 | First weeding operation to a width of ½ m radius around each plant of 2675 nos. including hoeing @ 125 plants per man day | 22 | 225 | Man-day | 4950.00 | Wage rate as per state Govt. of Manipur order no. 22/4/2009-FD(PIC) dated 03/01/2017 |
| 2 | Second weeding operation to a width of ½ m radius around each plant of 2675 nos. including hoeing @ 250 plants per man day | 11 | 225 | Man-day | 2475.00 | -do- |
| 3 | Deployment of 2 nos. of watch and ward for 365 mday including protection from fire hazard etc. | 730 | 225 | Man day | 164250.00 | -do- |
| Subtotal | | | | | 171675.00 | |
| Add Contingency @2%(Aprox) | | | | | 3435.00 | |
| Grand Total | | | | | 175110.00 | |

(Rupees one lakh seventy five thousand one hundred ten) only

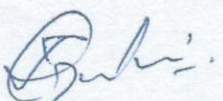
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5 | Page

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Range Forest Officer, HQ
Tamenglong Forest Division
Government of Manipur


Range Forest Officer
Range Forest Office, Tamenglong
Government of Manipur

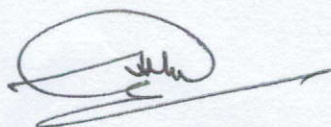

Divisional Forest Officer
Tamenglong Forest Division
Government of Manipur

Abstract of the Plantation Cost
(Single Row Avenue Plantation at Down Hill side)

| Total cost for Single Row Avenue Plantation at Down Hill side for Package-4 | | |
|---|--|--------------------|
| 1 | Creation of single Row Avenue Plantation at Down Hill side | 9435250.00 |
| 2 | 2 nd year maintenance (M-I) | 486200.00 |
| 3 | 3 rd year maintenance (M-II) | 187870.00 |
| 4 | 4 th year maintenance (M-III) | 175110.00 |
| 5 | 5 th year maintenance (M-IV) | 175110.00 |
| Total Cost | | 10459540.00 |

(Rupees one crore four lakhs fifty nine thousand five hundred forty) only

Prepared by



Range Forest Officer, HQ
Tamenglong Forest Division
Government of Manipur

Checked by



Range Forest Officer

Approved by



Divisional Forest Officer
Tamenglong Forest Division
Government of Manipur

Government of Manipur
Office of the Chief Conservator of Forests,
Nodal Officer (FCA) & (SFDA)
Imphal : Manipur

No.7/287/2021/Forests : 11

Imphal, the 7th April, 2022.

To

The General Manager (Projects),
NHIDCL, PMU-Tamenglong.

Sub: Diversion of 47.885 ha of forest land for construction of two-lane with paved shoulder of Phelong-Azuram Section (Package-IV) from km 43.480 to km 54.180 of Tamenglong-Mahur Road in the State of Manipur on EPC Mode by NHIDCL.

Sir,

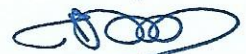
Please find enclosed herewith detailed estimate for Departmental Extraction of trees/firewood (copy enclosed) in connection with diversion of 47.885 ha of forest land for construction of two-lane with paved shoulder of Phelong-Azuram Section (Package-IV) from km 43.480 to km 54.180 of Tamenglong-Mahur Road in the State of Manipur on EPC Mode by NHIDCL.

| Sl.No. | Particulars | Amount |
|--------|---------------------|----------------|
| 1. | Extraction of Trees | Rs. 4,94,000/- |

The estimated cost may be deposited in favour of the Divisional Forest Officer, Tamenglong Forest Division, Bank A/c No. 40580370196, State Bank of India, MG Avenue, Imphal, Manipur IFSC Code-SBIN0000092 for further necessary action.

Enclosed: As stated above.

Yours faithfully,



(V.L. Roui Kullai)

Chief Conservator of Forests,
Nodal Officer/FCA
Government of Manipur

Copy to:

1. The Conservator of Forests /Western Circle, Govt. of Manipur.
2. The Divisional Forest Officer/Tamenglong, Govt. of Manipur.

The Estimated Tree Volume in Cum to be cut for Phellong -Azuram Section from 43.480 Km to 54.180 Km of Tamenglong -Mahur Road (Package-4)


Plot enumeration was carried out by the staffs of Tamenglong Forest Division. Different class of standing trees were calibrated which are likely to be affected by the diversion of 47.885 Ha of forest land for Construction of Two lane with paved shoulder of Phellong -Azuram Section from 43.480 Km to 54.180 Km of Tamenglong - Mahur Road (Package-4) in the State of Manipur on EPC Mode as shown in the girth wise tabulation below :

| Sl. | Species | | Girth class (in cm) | | | | | | |
|---------------------------|------------|-----------------------------|---------------------|------------|------------|-----------|----------|----------|----------|
| No. | Local Name | Scientific name | >30 | 31-60 | 61-90 | 91-120 | 121-150 | 151-210 | >210 |
| 1 | Heimang | <i>Rhus succedanea</i> | 145 | 14 | 0 | 0 | 0 | 0 | 0 |
| 2 | Uyung | <i>Quercus serratus</i> | 218 | 30 | 16 | 0 | 0 | 0 | 0 |
| 3 | Pareng | <i>Alnus nepalensis</i> | 415 | 36 | 26 | 0 | 0 | 0 | 0 |
| 4 | Heibong | <i>Ficus glomerata</i> | 341 | 70 | 31 | 8 | 0 | 0 | 0 |
| 5 | Tolhao | <i>Terminalia myricarpa</i> | 234 | 56 | 28 | 8 | 0 | 0 | 0 |
| 6 | Usoi | <i>Schima wallichii</i> | 1161 | 214 | 48 | 31 | 0 | 0 | 0 |
| 7 | Tairen | <i>Cedrela toona</i> | 560 | 22 | 16 | 7 | 0 | 0 | 0 |
| 8 | Heijuga | <i>Juglans regia</i> | 153 | 42 | 23 | 4 | 0 | 0 | 0 |
| 9 | Jam | <i>Syzygium cumini</i> | 241 | 28 | 18 | 3 | 0 | 0 | 0 |
| 10 | Thangji | <i>Castanopsis hystrix</i> | 864 | 268 | 78 | 31 | 0 | 0 | 0 |
| Total no. of tress | | | 4332 | 780 | 284 | 92 | 0 | 0 | 0 |

Estimated Standing Volume of the Trees.

| Girth class (in cm) | No. of Trees | Diameter (m) | Basal Area (m ²) | Height (m) | Form Factor | Volume (Cum) | |
|---------------------|--------------|--------------|------------------------------|------------|-------------|--------------|---------------|
| >30 | 4332 | 0.0477 | 0.0018 | 4.20 | 0.78 | 25.35 | |
| 31-60 | 780 | 0.1448 | 0.0165 | 8.38 | 0.78 | 83.92 | |
| 61-90 | 284 | 0.2402 | 0.0453 | 11.74 | 0.78 | 117.79 | |
| 91-120 | 92 | 0.3357 | 0.0885 | 15.25 | 0.78 | 96.81 | |
| 5488 | | | | | | | 323.86 |


Range Forest Officer, HQ
Tamenglong Forest Division
Government of Manipur


Range Forest Officer
Range Forest Office, Tamenglong
Government of Manipur


Divisional Forest Officer
Tamenglong Forest Division
Government of Manipur

Detailed Estimate for Departmental extraction of 323.86 Cum of Firewood from the actually tree felled from forest land of Phellong -Azuram Section from 43.480 Km to 54.180 Km of Tamenglong -Mahur Road (Package-4)

Area of Forest Diverted: **47.885 Ha**
 No. of trees to be cut/cleared: **5488 nos**
 Volume of the trees/firewood: **323.86 cum**

Approved wages: Rs 225.00

| SN | Particulars | Unit | Qty | Rate | Amount (Rs) | Remarks |
|----|---|------|------|--------|-------------|--|
| 1 | Felling of trees for firewood and conversion of the felled trees into billets of size 12 m dia (minimum) including splitting and staking to the size 3 m x 1.5m x 1m (4cum) at stump site @ 26 mandays per stake for 323.86 cum of firewood.(81 stakes) | mday | 2106 | 225.00 | 473850.00 | (Scheduled of items for Forestry works) |
| 2 | Transportation of billets from stump site and dumping at the temporary depot (motorable point) and staking including loading and unloading @ 1 manday per stake for 81 stakes | mday | 81 | 225.00 | 18225.00 | do |
| 3 | General Contingency | | | | 1925.00 | |
| | | | | | 494000.00 | |


(Rupees four lakh ninety four thousand) only


Prepared by

Checked by

Approved by


 Range Forest Officer, HQ
 Tamenglong Forest Division
 Government of Manipur


 Range Forest Officer
 Range Forest Office, Tamenglong
 Government of Manipur


 Divisional Forest Officer
 Tamenglong Forest Division
 Government of Manipur

Government of Manipur
Office of the Principal Chief Conservator of Forests
Climate Change & FCA
Imphal – Manipur

No. 7/287/2021/Forests/

1522

Imphal, the 26th March, 2022.

To

The General Manager (Projects)
NHIDCL, PMU-Tamenglong

Subject: Diversion of 47.885 ha of forest land for construction of two-lane with paved shoulder of Phelong-Azuram Section from km 43.480 to km 54.180 of Tamenglong-Mahur Road in the State of Manipur on EPC Mode.

Sir,

Please find enclosed herewith detailed estimates (copy enclosed) in connection with diversion of (Pkg-III) 47.885 ha of forest land for construction of two-lane with paved shoulder of Phelong-Azuram Section from km 43.480 to km 54.180 of Tamenglong-Mahur Road in the State of Manipur on EPC Mode as follows:

| Sl.No | Project Component & Area (ha) | Items of Works | Amount |
|-------|-------------------------------|--|---------------|
| 1 | Package-IV/ 47.885ha | Erection of boundary pillars for demarcation of diverted forest land | ₹ 27,30,640/- |

The estimated cost may be deposited in favour of Divisional Forest Officer, Tamenglong FCA, Bank A/c No. 40580370196, State Bank of India, MG Avenue, Imphal, Manipur IFSC Code- SBIN0000092 for further necessary action.

Enclosed: As stated above.

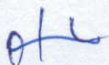
Yours faithfully,



(V.L. Roui Kullai)
CCF & Nodal Officer/FCA
Government of Manipur

Copy to:

1. The CF/Western Circle
2. The DFO/Tamenglong
3. Guard file.



Office of the Chief Conservator of Forests
FCA & SFDA
Receipt No. 843
Date: 23/03/2022

Government of Manipur
Office of the Divisional Forest Officer: Tamenglong Forest Division
Tamenglong

No.3/56/TFD/2019-20

Tamenglong, the 17th March 2022

To,

The Chief Conservator of Forest & Nodal Officer (FCA)
Government of Manipur

Subject: Submission of Detailed estimates for Boundary Pillars erection for demarcation of diverted Forest Land for Stage II clearance of Package -1 (44.958 Ha), Package-2 (99.488 Ha), Package-3 (54.933 Ha) & Package-4 (47.885 Ha) of Construction of Two lane with Paved Shoulder Tamenglong-Mahur Road in the State of Manipur on EPC mode


Reference No: (i) NHIDCL/PMU-TAMENGLONG/FCA/TM(PKG-1,2,3 &4)/2021-22/388 Dated 22.01.2022

(ii) NHIDCL/PMU-TAMENGLONG/FCA/TM(PKG-1,2,3 &4)/2021-22/451 Dated 10.03.2022

Madam,

With reference to the above mentioned subject, I have the honour to submit herewith the following detailed estimates for Boundary Pillars erection for demarcation of diverted Forest Land for in connection with conditions stipulated by the Ministry of Environment and Forest Regional Centre, Shillong Government of India for the Stage –II clearance of the above diversion of Forest land for Construction of Two lane with Paved Shoulder Tamenglong-Mahur Road in the State of Manipur on EPC mode.

| Sl. No. | Stage II | Project component | Area (ha) | Estimate Enclosed | Amount (Rs in lakh) |
|---------|--------------------|-------------------|-----------|--|---------------------|
| 1 | Stage II Clearance | Package-1 | 44.958 | Erection of Boundary Pillars for demarcation of diverted Forest Land | 24,84,000.00 |
| 2. | Stage II Clearance | Package-2 | 99.488 | Erection of Boundary Pillars for demarcation of diverted Forest Land | 53,96,500.00 |
| 3. | Stage II Clearance | Package-3 | 54.933 | Erection of Boundary Pillars for demarcation of diverted Forest Land | 30,43,200.00 |
| 4. | Stage II | Package-4 | 47.885 | Erection of Boundary | 27,30,640.00 |


23/3/2022
RO CF/CA
Meenakshi
23/03/2022

| | | | | | |
|--|-----------|--|--|---|-----------------------|
| | Clearance | | | Pillars for demarcation of diverted Forest Land | |
| | | | | Grand -Total | 1,36,54,340.00 |

(Rupees One Crore thirty six lakhs fifty four thousand three hundred forty) only

Submitted for favour of kind necessary action.

Yours faithfully,

[Signature]
17/3/2022

(Gaithaolu Thaimei)

Conservator of Forests, Western Circle

i/c Divisional Forest Officer

Tamenglong Forest Division

Tamenglong, the 17th March, 2022

Memo No.3/56/TFD/2019-20

Copy To;

1. The Conservator of Forests, Western Forest Circle, Govt. of Manipur
2. The General Manager (P) NHIDCL, PMU-Tamenglong, Manipur
3. Guard File

Erection of 214 nos RCC survey pillars for demarcation of diversion of 47.885 Ha of Forest Land for construction of Two lane with Paved shoulder of Tamenglong Dailong Section from Km43.480 to Km54.180 of Tamenglong Mahur Road (Package-4) under NHIDCL (Average distance from one pillar to the other =100 m in both side of the road)

| Sl. No. | Item of works | Quantity | Unit | Rate (Rs.) | Amount (Rs.) | Remarks |
|---------|--|----------|-------|------------|--------------|---------|
| 1 | Earthwork in excavation in foundation trenches or drains including dressing of sides and ramming of bottom lift upto 1.5 m including getting out the excavated soil and disposal of surplus excavated soil as directed in Hard/ Dense soil | 0.576 | Cum | 137.3 | 79.08 | MSR2017 |
| 2 | Filling available excavated earth (excluding rock) in trenches, plinth sides of foundation etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering lead upto 50 metres lift upto 1.5 metre. | 0.192 | Cum | 111.5 | 21.41 | MSR2017 |
| 3 | a. Steel Reinforcement for RCC work i/c binding & Placing in position complete 10 mm @ 0.62 Kg/Rm.(Medium Tensile Steel bars) | | | | | |
| | b. Steel Reinforcement for RCC work i/c binding & Placing in position complete 6 mm @ 0.22 Kg/Rm.(Mild steel) | | | | | |
| | Sub total | 12.508 | Kg | 70.3 | 879.31 | MSR2017 |
| 4 | Providing form works i/c cantering & shuttering & propping etc. height of propping & cantering below supporting floor to ceiling not exceeding 4m and removal of the same for in-situ reinforced concrete and plain concrete work in column, pillars, post and struts etc. | 4.32 | Sqm | 530.1 | 2290.03 | MSR2017 |
| 5 | Reinforced cement concrete work in column, pillars, piers, abutments, posts & struts up to floor two level excluding the cost of centering, shuttering, finishing and reinforcement in 1:1.5:3 (1 cement: 1.5 coarse sand: 3graded stone aggregate 20 mm nominal size) | 0.324 | Cum | 8754.3 | 2836.39 | MSR2017 |
| 6 | Finishing with 12 mm cement plaster 1:3 (1 cement : 3 fine sand) on rough surface. | 2.1 | Sqm | 221.2 | 464.52 | MSR2017 |
| 7 | Applying one coat cement primer of approved quality on wall / over rough surface. | 2.1 | Sqm | 41.3 | 86.73 | MSR2017 |
| 8 | Finishing the sides with waterproof cement paint of approved quality on new work (three or more coat) to give an even shade. | 2.1 | Sqm | 49.9 | 104.79 | MSR2017 |
| 9 | Lettering with black Japan paint (3 cm height letter for GPS Reading and Fore-bearing and Back-bearing about 30 letter) | 90 | cm ht | 52.2 | 4698.00 | MSR2017 |
| 10 | Transportation of stone chip and sand to last motorable point for an average road distance of 20 Km.(0 +10 Km)/2 | 0.405 | Cum | 880.39 | 356.56 | MSR2017 |
| 11 | Transportation of cement to last motorable point for an average road distance of 20 Km.(0 +10 Km)/2 | 0.131 | MT | 664.52 | 87.05 | MSR2017 |

11903.88

Less Contractor's Profit @ 7.5%

(-) **892.79**

11011.09

Add 12% GST.

(+) **1321.33**

Add 1% Labour Cess

(+) **110.11**

12442.53

Add not exceeding 3% Contingency

(+) **317.47**

12760.00

Estimated cost for 214 boundary demarcation pillars.

2730640

(Rupees twenty seven lakh thirty thousand six hundred forty) only.

Prepared by

Checked by

Recommended by


Range Forest Officer, HQ
Tamenglong Forest Division
Government of Manipur


Range Forest Officer
Range Forest Office, Tamenglong
Government of Manipur


Divisional Forest Officer
Tamenglong Forest Division
Government of Manipur

Erection of 214 nos RCC survey pillars for demarcation of diversion of 47.885 Ha of Forest Land for construction of Two Lane with Paved shoulder of Tamenglong Dailong Section from Km43.480 to Km54.180 of Tamenglong Mahur Road (Package-4) under NHIDCL (Average distance from one pillar to the other =100 m in both side of the road)


| Sl. No. | Item of works | No | Unit | Length | Breadth | Depth | Qty | Remarks |
|---------|--|-------------------|-------------------|--------|---------|-------|---------------|---------|
| 1 | Earthwork in excavation in foundation trenches or drains including dressing of sides and ramming of bottom lift upto 1.5 m including getting out the excavated soil and disposal of surplus excavated soil as directed in Hard/ Dense soil | 1 | Cum | 0.8 | 0.6 | 1.2 | 0.576 | |
| 2 | Filling available excavated earth (excluding rock) in trenches, plinth sides of foundation etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering lead upto 50 metres lift upto 1.5 metre. | 1/3 of Item No 1. | | | | | 0.192 | |
| 3 | a. Reinforcement for RCC work i/c binding & Placing in position complete 10 mm @ 0.62 Kg/Rm. | 6 | Kg | 2.7 | | | 10.044 | |
| | b. Reinforcement for RCC work i/c binding & Placing in position complete 6 mm @ 0.22 Kg/Rm. | 8 | Kg | 1.4 | | | 2.464 | |
| | Sub-Total | | | | | | 12.508 | |
| 4 | Providing form works i/c cantering & shuttering & propping etc. height of propping & cantering below supporting floor to ceiling not exceeding 4m and removal of the same for in-situ reinforced concrete and plain concrete work in column, pillars, post and struts etc. | 2 | Sqm | 0.5 | 0.3 | 2.7 | 4.32 | |
| 5 | Reinforced cement concrete work in column, pillars, piers, abutments, posts & struts up to floor two level excluding the cost of centering, shuttering, finishing and reinforcement in 1:1.5:3 (1 cement: 1.5 coarse sand: 3graded stone aggregate 20 mm nominal size) | 1 | Cum | 0.4 | 0.3 | 2.7 | 0.324 | |
| 6 | Finishing with 12 mm cement plaster 1:3 (1 cement : 3 fine sand) on rough surface. | 2 | Sqm | 0.4 | 0.3 | 1.5 | 2.1 | |
| 7 | Applying one coat cement primer of approved quality on wall / over rough surface on part of pillar above the ground. | 2 | Sqm | 0.4 | 0.3 | 1.5 | 2.1 | |
| 8 | Finishing the sides with waterproof cement paint of approved quality on new work (three or more coat) to give an even shade on part of pillar above the ground. | 2 | Sqm | 0.4 | 0.3 | 1.5 | 2.1 | |
| 9 | Lettering with black Japan paint (3 cm height letter for GPS Reading, Fore-bearing and Back-bearing 30 letters) | 30 | per letter/cm ht. | | | 3 | 90 | |
| 10 | Transportation of stone aggregate and sand to last motorable point for an average road distance of 20 Km. (0.2754 +0.1296) cum | 0.405 | Cum | | | | 0.405 | |
| 11 | Transportation of cement to last motorable point for an average road distance of 20 Km.(0.131 MT) | 0.131 | MT | | | | 0.131 | |

Prepared by

Checked by

Recommended by


Range Forest Officer, HQ
Tamenglong Forest Division
Government of Manipur


Range Forest Officer
Range Forest Office, Tamenglong
Government of Manipur


Divisional Forest Officer
Tamenglong Forest Division
Government of Manipur

Analysis for Quantity of materials for Cement Mortar works.

| Sl. No | P/L cement cement concrete in columns piers...etc. excluding the cost of centering and shuttering. | Unit | Agregat e cum | Sand cum | Cement MT |
|--------|--|--------------|------------------|-------------|--------------|
| b. | 1: 1.5:3 (1 c: 1.5 c/s:3 g/st/agg.20 mm) | 3 cum | 2.55 | 1.2 | 1.21 |
| * | For one boundary Pillar @1: 1.5:3 (1 c: 1.5 c/s:3 g/st/agg.20 mm) | 0.324 cum | 0.2754 | 0.1296 | 0.131 |

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Analysis for Carriage Charge of materials by mechanical transport including loading , unloading and

| Particular of Items of transportation. | | For 5 km | For addl 1 km beyond 5 km upto 10 km | For addl 1 km beyond 10 km upto 20 km | Total | | Remarks |
|---|-------|-------------|---|--|--------|--|---|
| | Qty | Rs | Rs | Rs | Rs | | |
| 1.11 b. i) | | | | | | | Taking the mean of 38.83 km distance from the nearest town of Tml |
| Sand, stone aggregate below 40 mm nominal size. | 1 cum | 242.71 | 18.19 x 5 | 14.08 x 38.83 | 880.39 | | |
| 1.12 b. ii) | | | | | | | |
| Cement mortar for the boundary pillar. | 1 MT | 183.16 | 13.72 x 5 | 10.63 x 38.83 | 664.52 | | do |

Prepared by

Checked by

Recommended by

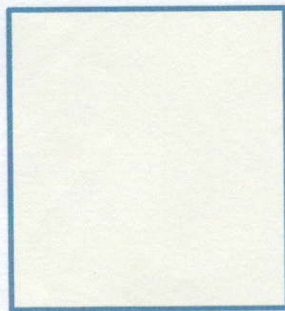

Range Forest Officer, HQ
Tamenglong Forest Division
Government of Manipur


Range Forest Officer
Range Forest Office, Tamenglong
Government of Manipur


Divisional Forest Officer
Tamenglong Forest Division
Government of Manipur

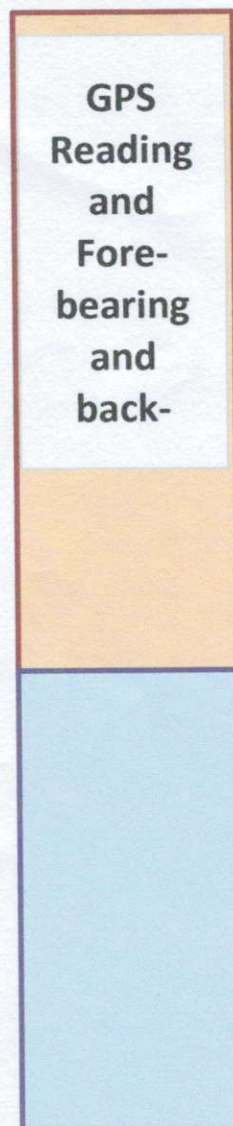
Erection of Permanent Survey Pillars

For Two lane Tamenglong-Mahur Road (Package-4)



Foundation Footing
80 cm X 60 cm

Plan for Foundation footing




30 cm X 40 cm

1.5 Rm

G.L.

1.20 Rm

Cross-sectionional View.


Range Forest Officer, HQ
Tamenglong Forest Division
Government of Manipur


Range Forest Officer
Range Forest Office, Tamenglong
Government of Manipur


Divisional Forest Officer
Tamenglong Forest Division
Government of Manipur

Government of Manipur
Office of the Principal Chief Conservator of Forests
Climate Change & FCA
Sanjenthong, Imphal

No. 7/283/2021/Forests:
To

106

Imphal, the 17th June, 2022

The General Manager (P)
NHIDCL, PMU-Tamenglong

Subject: Tamenglong-Mahur Road Package-1, 2, 3 & 4 in the State of Manipur on EPC mode by NHIDCL. Resubmission of Compliance Report – reg.

Ref: (i) NHIDCL/PMU-Tamenglong/FCA/TML-Mahur(P-1)/2021-22/317 dated 03.12.2021.
(ii) NHIDCL/PMU-Tamenglong/FCA/TML-Mahur(P-2)/2021-22/317 dated 03.12.2021.
(iii) NHIDCL/PMU-Tamenglong/FCA/TML-Mahur(P-3)/2021-22/317 dated 03.12.2021.
(iv) NHIDCL/PMU-Tamenglong/FCA/TML-Mahur(P-4)/2021-22/317 dated 03.12.2021.

Sir,

With reference to your office letter dated 03.12.2021 under ref. and the subject cited above, you are requested to update the payment in respect of Avenue Plantation and Cost of felling in the Compliance Report for processing of Stage-II Clearance and submit the same to DFO/Tamenglong with a copy endorsed to Nodal Officer (FCA).

2. Further, you are requested to upload the above Compliance Report in the Parivesh e-portal as desired by IRO Shillong.

Yours faithfully,



(V.L. Roui Kullai)
CCF & Nodal Officer/FCA
Government of Manipur

Copy to:

1. The Divisional Forest Officer/Tamenglong.....He is requested to verify the payments made to DFO's accounts.
2. The General Manager (LA & Admn.), NHIDCL, RO-Imphal.

0/2