

NHIDCL/PMU-TAMENGLONG/FCA-PKG-1/T-M/2022-23/617

Date: 22.06.2022

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

Subject: Proposal for diversion of 44.958 ha of forest land for construction of two-lane with paved shoulder of Tamenglong -Dialong Section (Package-1) from km 0.000 to km 10.000 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 038/2021-SHI 1906-07 dated 22nd November, 2021
2. No. 7/283/2021/Forests/504 Imphal, the 27th November, 2021
3. NHIDCL/PMU-Tamenglong/FCA/TML-Mahur(P-1)/2021-22/ 331 Dt 21.12.2021
4. No. 7/283/2021/forests/525 Imphal, the March, 2022
5. No. 7/283/2021/forests/8 Imphal, the 6th April, 2022
6. No. 7/283/2021/forests/525 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 44.958 ha of forest land for construction of two-lane with paved shoulder of Tamenglong -Dialong Section (Package-1) from km 0.000 to km 10.000 of Tamenglong-Mahur Road in the State of Manipur on EPC Mode.

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-II Clearance. Further, 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: -

A. Condition which needs to be complied prior to handling over of forest land by the State Forest Department.

Para No.	Stipulated Conditions	Mode of compliance
1.	The user agency shall transfer, the Net Present Value (NPV) of the forest	Complied. <i>Deposited a sum of Rs. 5,21,95,700/- [Rs. 3,80,83,000/- for NPV in para 1 + Rs.</i>

	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.	1,41,12,700/- for CA in para 2 vide chq no. 232018 & transaction id- CNRB234072989231 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 .
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.	Complied. Deposited a sum of Rs. 5,21,95,700/- [Rs. 3,80,83,000/- for NPV in para 1 + Rs. 1,41,12,700/- for CA in para 2 vide chq no. 232018 & transaction id- CNRB234072989231 of the forest land diverted under this proposal by e-payment through e-portal in CAMPA account (http://parivesh.nic.in/). Proof of Payment is enclosed as Annexure-I & II .
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.	Complied. Deposited a sum of Rs. 98,18,100/- vide chq no. 695433 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 .
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.	Complied. Deposited a sum of Rs. 5,21,95,700/- [Rs. 3,80,83,000/- for NPV in para 1 + Rs. 1,41,12,700/- for CA in para 2 vide chq no. 232018 & a sum of Rs. 98,18,100/- vide chq no. 695433 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 .
5.	The compliance report shall be uploaded on e-portal (http://parivesh.nic.in/).	Compliance Report will be uploaded on e-portal (http://parivesh.nic.in/).

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.	Complied. <i>Deposited a sum of Rs. 31,11,500/- [Rs. 6,27,500/- for felling of trees + Rs. 24,84,000/- 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.	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>
10.	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>

11.	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>
12.	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.	<i>Undertaking enclosed as Annexure-XI.</i>

B. Conditions which need to be strictly complied on field after handling over the forest land to the User Agency by the State Forest Department but compliance in form of Under taking shall be submitted Prior to Stage-II Approval.

Para No.	Stipulated Conditions	Mode of compliance
1.	Legal status of the diverted forest land shall remain unchanged.	<i>Undertaking enclosed as Annexure-XII.</i>
2.	Compensatory Afforestation shall be raised over double degraded forest area i.e. 90 ha identified the State Forest Department in 2 (two) patches i.e. 45 ha in Khongjaron, Compartment no-16 in Dialong Plot-I, 45 ha in Khongjaron, Compartment no-17 in Dialong Plot-II in Tamenglong Range, Tamenglong Forest Division.	<i>Stipulated condition will be complied by DFO-Tamenglong & State Forest Department.</i>
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	<i>Undertaking for payment of Addl. NPV is enclosed as Annexure-III.</i>

	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.	<i>Undertaking enclosed as Annexure-XIII.</i>
5.	No damage to the flora and fauna of the adjoining area shall be caused.	<i>Undertaking enclosed as Annexure-XIV.</i>
6.	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>
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.	<i>Stipulated condition will be complied by DFO-Tamenglong.</i>
8.	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>
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.	<i>Undertaking enclosed as Annexure-XVII.</i>
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.	<i>Undertaking enclosed as Annexure-XVIII.</i>
11.	All other clearance/NOCs under different applicable rules/regulations /local laws and	<i>Undertaking enclosed as Annexure-XIX.</i>



	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.	<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



22/06/2022

(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



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Online payment history made by User Agency under CAMPA

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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/122071/2021 Construction of Two lane with Paved Shoulder of Tamenglong- Djalong Section (Package-1, From Km0 to Km10) of Tamenglong- Mahur Road in the state of Manipur on EPC mode.	ROAD1220712021045	61122071045	22 Nov 2021	CA: 14112700/- PCA: 0/- Safety Zones: 0/- NPV: 38063000/- Other Charges1 : 0/- Other Charges2 : 0/- Other Charges3 : 0/- Total : 52195700/-	 Paid	Fund Demand Verified by Nodal Officer On :02 Dec 2021 Bank Name : Union Bank Of India Mode of Payment : NEFT/RTGS (Challan) Challan Generated On :02 Dec 2021 Transaction Date :07 Dec 2021	Demand Letter Generated Challan

General Manager (P)
 NHDC, PMU Tamenglong

Annexure-II

				is anticipated. The proposed area is the barest minimum and for public utility. Therefore, the project is recommended for consideration. Hence, the proposal is recommended for clearance under Section 2 of the Forest Conservation Act, 1980.		
		Nodal Officer	Recommended	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	The proposal is recommended	State Govt. Officer	No Data	

Stage-I Clearance Report

17.

Regional Office	Recommendation By	MoEF File No.	Date of Stage-I Clearance	Clearance Letter
Shillong	Regional Office	3-MN C 038/2021-SHI	22/11/2021	


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/122071/2021	ROAD1220712021045	52195700	07 Dec 2021	CNRB234072989231	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/122071/2021		Approved In-Principle	No Data

Print


General Manager (P)
NHDC, PMU Tamenglong

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 Tamenglong - DIALONG Section (Package-1, From Km 0.000 to Km 10.000) 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

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Ministry of Environment, Forest and Climate Change
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Online payment history made by User Agency under CAMPA

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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/122071/2021 Construction of Two lane with Paved Shoulder of Tamenglong- DIALONG Section (Package-1, From Km0 to Km10) of Tamenglong- Mahur Road in the state of Manipur on EPC mode.	ROAD1220712021456	61122071456	22 Nov 2021	CA: 0/- , PCA: 0/- , Safety Zone: 0/- , NPV: 0/- , Other Charges1 : 0/- Other Charges2 : 0/- Other Charges3 : 0/- Total : 9818100/-	Addl CA : 0/- CAT : 0/- Addl PA : 0/- Avenue Plantation : 9818100/-	✓ Paid Fund Demand Verified by Nodal Officer On :23 Apr 2022 Bank Name :Union Bank Of India Mode of Payment :NEFT/RTGS (Challen) Challan Generated On :23 Apr 2022 Transaction Date :09 Jun 2022	Demand Letter Generated Challen

General Manager (P)
NHDC, 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 Tamenglong - Dialong Section (Package-1, From Km 0.000 to Km 10.000) 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 Tamenglong - Dialong Section (Package-1, From Km 0.000 to Km 10.000) 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



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

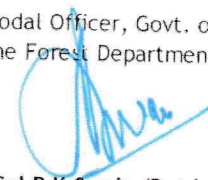
Regional Office -Transit Hostel (2nd Floor), Officers' Club,
Lamphepat, Imphal, Manipur-795001, Phone:0385-2416303 Email ID: ro-imphal@nhidcl.com

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	CAMPA 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, PMU Tamenglong

Annexure-VIII

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 Tamenglong - Dialong Section (Package-1, From Km 0.000 to Km 10.000) of Tamenglong- Mahur Road in the state of Manipur on EPC mode.”**



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

Annexure-IX

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 Tamenglong - Dialong Section (Package-1, From Km 0.000 to Km 10.000) of Tamenglong- Mahur Road in the state of Manipur on EPC mode.”**



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

Annexure-X

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 Tamenglong - Dialong Section (Package-1, From Km 0.000 to Km 10.000) of Tamenglong- Mahur Road in the state of Manipur on EPC mode.”**



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

Annexure-XI

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 Tamenglong - Dialong Section (Package-1, From Km 0.000 to Km 10.000) 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 Tamenglong - Dialong Section (Package-1, From Km 0.000 to Km 10.000) of Tamenglong- Mahur Road in the state of Manipur on EPC mode.”**



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

Annexure-XIII

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 Tamenglong - Dialong Section (Package-1, From Km 0.000 to Km 10.000) of Tamenglong- Mahur Road in the state of Manipur on EPC mode.”**



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

Annexure-XIV

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 Tamenglong - Dialong Section (Package-1, From Km 0.000 to Km 10.000) 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 Tamenglong - DIALONG Section (Package-1, From Km 0.000 to Km 10.000) 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 Tamenglong - Dialong Section (Package-1, From Km 0.000 to Km 10.000) of Tamenglong- Mahur Road in the state of Manipur on EPC mode.”**



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

Annexure-XVII

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 Tamenglong - Dialong Section (Package-1, From Km 0.000 to Km 10.000) 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 Tamenglong - Dialong Section (Package-1, From Km 0.000 to Km 10.000) 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 Tamenglong - Dialong Section (Package-1, From Km 0.000 to Km 10.000) 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,
शिलॉंग/SHILLONG-793021
TEL. 0364-2537278; FAX. 0364-2536041
E-mail: moefro.shillong@gov.in



F. No. 3-MN C 038/2021-SHI 1906-07

22nd November, 2021

सेवा में,

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 44.958 ha of forest land for construction of two-lane with paved shoulder of Tamenglong-Dialong Section from km 0.000 to km 10.000 of Tamenglong-Muhur Road in the State of Manipur on EPC Mode by NHIDCL– reg.

Sir,

This has got reference to the State Government of Manipur letter No.F.27/57/2021-For & Env. dated 23.06.2021 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.27/57/2021-For&Env dated 15.09.2021 and even no. dated 04.10.2021 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 **44.958 ha** of forest land for construction of two-lane with paved shoulder of Tamenglong-Dialong Section from km 0.000 to km 10.000 of Tamenglong-Muhur 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;

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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. 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 muck from entering streams & rivers and other ecologically sensitive areas are to be constructed on the lower slope side, if required, before any construction works are started;

10. 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;

11. 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.

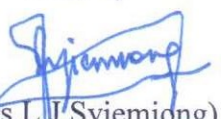
12. Undertaking from user agency and State Forest Department to jointly identify activities in consultation with concerned villagers for construction of wayside amenities like waiting sheds, marketing sheds etc. along the highway for the benefit of villagers and incorporate into the proposal, if found 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. 90 ha identified by the State Forest Department in 2 (two) patches i.e. 45 ha in Khongjaron Compartment No. 16 in Dailong Plot I and 45 ha in Khongjaron Compartment No. 17 in Dailong Plot II in Tamenglong Range, 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)

१८

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

No.7/283/2021/Forests/ 504

Imphal, the 27th November, 2021

To,

The General Manager (Projects)
NHIDCL, PMU-Tamenglong

Subject: Proposal for diversion of 44.958 ha of forest land for construction of two-lane with paved shoulder of Tamenglong- DIALONG Section (Package-1) from km 0.000 to km 10.000 of Tamenglong-Mahur Road in the State of Manipur on EPC Mode by NHIDCL. Demand Note – Reg.

Ref. letter- F.No. 3-MN C 038/2021-SHI 1906-07 dated 22th November, 2021

Sir,

I am to say that the Central Government vide letter No. 3-MN C 038/2021-SHI 1906-07 dated 22th November, 2021 (copy enclosed) conveyed the **"In- Principle Approval"** for diversion of 44.958 ha of forest land for construction of two-lane with paved shoulder of Tamenglong- DIALONG Section (Package-1) from km 0.000 to km 10.000 of Tamenglong-Mahur Road in the State of Manipur on EPC Mode by NHIDCL, subject to the fulfillment of the stipulated conditions in the letter dated 22/11/2021. Mode of compliances for these conditions will be as under:-

A. Condition which need to be complied prior to handling over of forest land by the State Forest Department.

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.	The User Agency to transfer a sum of Rs. 3,80,83,000/- (Rupees Three Crore Eighty Lakh Eighty-three Thousand Only) as cost of Net Present Value (NPV) of the forest land diverted under this under this proposal through online portal (http://parivesh.nic.in) into CAMPA account of Manipur State. Amount deposited through other mode will not be accepted as compliance.
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.	The User Agency is to transfer a sum of Rs. 1,41,12,700/- (Rupees One Crore Forty-one Lakh Twelve Thousand Seven Hundred Only) into CAMPA account of Manipur State as cost of raising and maintaining the Compensatory Afforestation shall be raised over double degraded forest area i.e. 90 ha identified the State Forest Department in 2 (two) patches i.e. 45 ha in Khongjaron Compartment no. 16 in DIALONG Plot-I and 45 ha in Khongjaron

		Compartment no. 17 in Dialong Plot-II in Tamenglong Range, 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 mode will not be accepted as compliance of the STAGE-I clearance.	The User Agency to transfer a sum of Rs. 5,21,95,700/- (Rupees Five Crore Twenty-One Lakh Ninety-five Thousand seven Hundred Only) {Rs. 3,80,83,000/- for NPV in para 1 + Rs. 1,41,12,700/- for CA in para 2 } 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 (http://parivesh.nic.in/).	The User Agency to upload the compliance report on e-portal (https://parivesh.nic.in/) after fulfilment of the conditions stipulated in the In-Principle Approval.
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 ensuring that 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 the Ministry's letter No. 5-2/2017-Fc dated 28.03.2019.	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 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.	The User Agency to deposit the cost of felling of trees to DFO/Tamenglong Forest Division.
9.	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, if required, before any construction works are started;	The 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. 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, if required, before any construction works are started.
10.	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.
11.	Undertaking from user agency and State Forest Department regarding proposed avenue plantation with RET species, fruit bearing	The DFO-Tamenglong & User Agency to submit UNDERTAKING regarding proposed avenue plantation with RET species, fruit bearing plants and

	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.	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.
12.	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 & 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.

B. Conditions which need to be strictly complied on field after handling over the forest land to the User Agency By the State Forest Department but compliance in form of Under taking shall be submitted Prior to Stage-II Approval.

Para No.	Stipulated Conditions	Mode of compliance
1.	Legal status of the diverted forest land shall remain unchanged.	The User Agency to submit an UNDERTAKING that the Legal status of the diverted forest land shall remain unchanged.
2.	Compensatory Afforestation shall be raised over double degraded forest area i.e. 90 ha identified the State Forest Department in 2 (two) patches i.e. 45 ha in Khongjaron Compartment no. 16 in Dialong Plot-I and 45 ha in Khongjaron Compartment no. 17 in Dialong Plot-II in Tamenglong Range, Tamenglong Forest Division.	The User Agency to submit UNDERTAKING that Compensatory Afforestation shall be raised over double degraded forest area i.e. 90 ha identified the State Forest Department in 2 (two) patches i.e. 45 ha in Khongjaron Compartment no. 16 in Dialong Plot-I and 45 ha in Khongjaron Compartment no. 17 in Dialong Plot-II in Tamenglong Range, 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.	The User Agency shall submit 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.	The User Agency to submit an UNDERTAKING 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.
5.	No damage to the flora and fauna of the adjoining area shall be caused.	The User Agency to submit UNDERTAKING stating that 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.	The 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.
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.	The DFO/Tamenglong 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.	The User Agency to submit UNDERTAKING for 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.	The User Agency to submit UNDERTAKING ensuring the 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.
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.	The User Agency to submit UNDERTAKING to 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	The User Agency to submit UNDERTAKING 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
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.	The User Agency to submit UNDERTAKING 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.

Prompt compliance to the above mentioned conditions is requested so that further necessary action can be taken up.

Enclosed:

1. Letter F.No. 3-MN C 038/2021-SHI 1906-07 dated 22th November, 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
3. The DFO/Tamenglong with a request to submit detailed estimates for the cost of felling of trees, cost of raising Avenue Plantation on the road side.

CALCULATION OF NET PRESENT VALUE (NPV)

1	Name of the Project	Diversion of 44.958 Ha of forest land for "construction of Two lane with Paved shoulder of Tamenglong-Dailong Section (Package-1, from Km0 to Km10) 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 and Noney Forest Divisions	44.958 Ha
4	Crown density of the area proposed for diversion	a) Very Dense Forest: 6.721 Ha (15%) b) Moderately Dense Forest: 15.12 Ha (34%) c) Open Forest : 23.117 Ha (51%)
5	Vegetation Covered	Very dense, 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: (6.721 ha x Rs. 10.43 lakhs/ha) = Rs. 70.10 lakhs. b) Moderately Dense Forest: (15.12 ha x Rs. 9.39 lakhs/ha) = Rs. 141.98 lakhs. c) Open forest: (23.117 ha x Rs. 7.30 lakhs/ha) = Rs. 168.75 lakhs.
	Total	Rs. 380.83 lakhs


28/4/2024
(Kh. Hitler Singh)

Divisional Forest Division
Tamenglong Forest Division

Divisional Forest Officer
Tamenglong Forest Division
Government of Manipur

Centre: Tamenglong
Range: Tamenglong

Physical Target:

90 Ha

No. of Plants = 5920 (1600 x 3.7)

Division : Tamenglong Forest Division

Spacing : 2.5 m x 2.5 m

Unit cost = 141.127/90 = Rs. 1.568 lakh per Ha

(Signature)
(Kh. Hitler Singh)
28/4/2021

Divisional Forest Officer
Tamenglong Forest Division

Divisional Forest Officer
Tarnagong Forest Division
Government of Manipal

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

No. 7/283/2021/Forests/

1525

Imphal, the March, 2022.

To

The General Manager (Projects)
NHIDCL, PMU-Tamenglong

Subject: Diversion of 44.958 ha of forest land for construction of two-lane with paved shoulder of Tamenglong-Dialong Section from km 0.000 to km 10.000 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-I) 44.958 ha of forest land for construction of two-lane with paved shoulder of Tamenglong-Dialong Section from km 0.000 to km 10.000 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-I/ 44.958 ha	Avenue plantation	₹ 98,18,100/-

The estimated cost of raising Avenue plantation on the road side 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,

Alu
16/3/2022

(Gaithaolu Thaimei)

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

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 1		
1	Creation of single Row Avenue Plantation at Down Hill side	88,18,000.00
2	2 nd year maintenance (M-I)	4,65,000.00
3	3 rd year maintenance (M-II)	1,86,300.00
4	4 th year maintenance (M-III)	1,74,400.00
5	5 th year maintenance (M-IV)	1,74,400.00
Total Cost		98,18,100.00

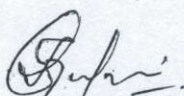
(Rupees ninety eight lakh eighteen thousand one hundred) only

Prepared by



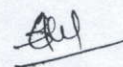
Range Forest Officer, HQ
Tamenglong Forest Division
Government of Manipur

Checked by



Range Forest Officer
Range Forest Office, Tamenglong
Government of Manipur

Approved by



Divisional Forest Officer
Tamenglong Forest Division
Government of Manipur

Avenue Plantation for PKG-1

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

Design : Single row Plantation

Length of Plantation : 10.0 km

Spacing: 4 m from C/C

No. Plants : 2500 nos.

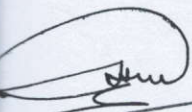
S no.	Item of work	Quantity	Rate	Unit	Amount	Remark
1	Site clearance, removal of the rank vegetation, brushwood, removal of stump wherever by retaining advance growth @ 12 Man-day/ ha (10 sqm area) (2500*10*12/10000)	30	225	Man-day	6750.00	Wage rate as per state Govt. of Manipur order no. 22/4/2009-FD(PIC) dated 03/01/2017
2	Collecting of 2500 stakes for size 60-75 cm , long 2.5 cm dia with one end pointed @ 1 Man day for 320 stakes	8	225	Man-day	1800.00	-do-
3	Laying out of 2500 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	2500	1518.3	each	3795750.00	Item No. 13 page 40 of MSR 2018 (State PWD)
5	Procurement of indigenous tree saplings	2500	90	each	225000.00	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 2500 pits)	270	882.2	cum	238194.00	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	2500	1750.00	Each	43,75,000.00	Market Rate.
Subtotal					86,45,194.00	
Add Contingency: 2% (approx.)					1,72,806.00	
Grand Total					88,18,000.00	

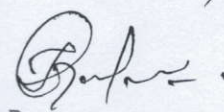
(Rupees eighty eight lakhs eighteen thousand) only


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

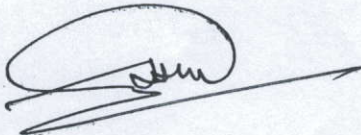

Divisional Forest Officer
Tamenglong Forest Division
Government of Manipur

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 2500 nos. including hoeing @ 125 plants per man day	20	225	Man-day	4500.00	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.	500	90	No.	45000.00	Market Rate
3	Beating up of casualties upto 20% @ 65 saplings / man day	8	225	Man day	1800.00	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 2500 pits)	270	882.2	cum	238194.00	Item No. 48 iii) page 6 of MSR 2018 (state PWD)
5	Second weeding operation to a width of ½ m radius around each plant of 2500 nos. including hoeing @ 250 plants per man day	10	225	Man-day	2250.00	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	164,250.00	-do-
Sub total					455994.00	
Add Contingency @2%					9006.00	
Grand Total					465000.00	

(Rupees four lakhs sixty five thousand) only

Prepared by



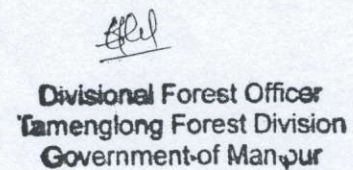
Range Forest Officer, HQ
Tamenglong Forest Division
Government of Manipur

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 2500 nos. including hoeing @ 125 plants per man day	20	225	Man-day	4500.00	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%)	125	90	each	11250.00	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	10	225	Man day	2250.00	-do-
5	Deployment of 2 nos. of watch and ward for 365 mdys including protection from fire hazard etc.	730	225	Man day	164,250.00	-do-
Subtotal					182,700.00	
Add Contingency @2%					3,600.00	
Grand Total					186300.00	

(Rupees one lakh eighty six thousand three hundred) only

Prepared by

Checked by

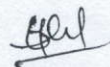
Approved by



Range Forest Officer, HQ
Tamehlong Forest Division
Government of Manipur



Range Forest Officer
Range Forest Office, Tamehlong
Government of Manipur



Divisional Forest Officer
Tamehlong 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 2500 nos. including hoeing @ 125 plants per man day	20	225	Man-day	4500.00	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 2500 nos. including hoeing @ 250 plants per man day	10	225	Man-day	2250.00	-do-
3	Deployment of 2nos. of watch and ward for 365 mday including protection from fire hazard etc.	730	225	Man day	164,250.00	-do-
Subtotal					171000.00	
Add Contingency @2%					3400.00	
Grand Total					174400.00	

(Rupees One lakh seventy four thousand four hundred) only

5th Year Maintenance (M-IV)

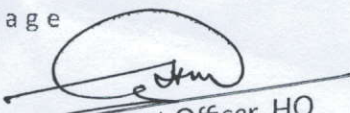
S no.	Item of work	Quantity	Rate	Unit	Amount	Remark
1	First weeding operation to a width of ½ m radius around each plant of 2500 nos. including hoeing @ 125 plants per man day	20	225	Man-day	4500.00	Wage rate as per state Govt. of Manipur order no. 22/4/2009-FD(PIC) dated 03/01/2017
2	Second weeding operation to a width of ½ m radius around each plant of 2500 nos. including hoeing @ 250 plants per man day	10	225	Man-day	2250.00	-do-
3	Deployment of 2nos. of watch and ward for 365 mday including protection from fire hazard etc.	730	225	Man day	164,250.00	-do-
Subtotal					171000.00	
Add Contingency @2%					3400.00	
Grand Total					174400.00	

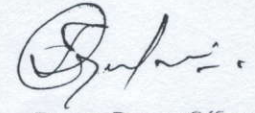
(Rupees One lakh seventy four thousand four hundred) only


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

No.7/283/2021/Forests

18

Imphal, the 6th April, 202.

To

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

Sub: Diversion of 44.958 ha of forest land for construction of two-lane with paved shoulder of Tamenglong- Dialong Section (Package-1) from km 0.000 to km10.000 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 44.958 ha of forest land for construction of two-lane with paved shoulder of Tamenglong- Dialong Section (Package-1) from km 0.000 to km 10.000 of Tamenglong-Mahur Road in the State of Manipur on EPC Mode by NHIDCL.

Sl.No.	Particulars	Amount
1.	Extraction of Trees	Rs. 6,27,500/-

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 DFO/ Tamenglong Forest Division, Govt. of Manipur.

O/o CCF & Nodal Officer
FCA & SFDA
Receipt No. 31/03/2022
Date: 31/03/2022

Government of Manipur

**Office of the Divisional Forest Officer: Tamenglong Forest Division
Tamenglong**

No.3/56/TFD/2019-20

Tamenglong, the 31st March 2022

To,

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

Subject: Submission of Detailed estimates for Departmental Extraction of Tree/Firewood 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 Departmental Extraction of Tree/Firewood 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	Departmental Extraction of 412.95 cum of firewood from the actually felled from forest land of Tamenglong-Dailong Section from 0.000 Km to 10.000 Km of Tamenglong-Mahur Road (Package-1)	627500.00
2.	Stage II Clearance	Package-2	99.488	Departmental Extraction of 511.17 cum of firewood from the actually felled from forest land of Dailong- Old Tamenglong Section from 10.000 Km to 31.430 Km of Tamenglong-Mahur Road (Package-2)	780000.00


31/3/2022
R O CCF (A)
Meenakshi
31/03/2022
APJ/DA

3.	Stage II Clearance	Package-3	54.933	Departmental Extraction of 432.98 cum of firewood from the actually felled from forest land of Old Tamenglong- Phellong Section from 31.430 Km to 43.480 Km of Tamenglong-Mahur Road (Package-3)	658000.00
4.	Stage II Clearance	Package-4	47.885	Departmental Extraction of 323.86 cum of firewood from the actually felled from forest land of Phellong-Azuram Section from 43.480 Km to 54.180 Km of Tamenglong-Mahur Road (Package-4)	494000.00
				Grand -Total	2559500.00

(Rupees twenty five lakhs fifty nine thousand five hundred) only

Submitted for favour of kind necessary action.

Yours faithfully,


29/3/2022

(Gaithaolu Thamei)

Conservator of Forests, Western Circle

i/c Divisional Forest Officer

Tamenglong Forest Division

Tamenglong, the 29th 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

Detailed Estimate for Departmental extraction of 412.95 Cum of Firewood from the actually tree felled forest land of Tamenglong-Dailong Section from 0.000 Km to 10.000 Km of Tamenglong -Mahur Road (Package 1)

Area of Forest Diverted: **44.958 Ha**
 No. of trees to be cut/cleared: **14911**
 Volume of the trees/firewood: **412.95 cum**

Approved wages: Rs 225.00

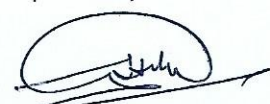
SN	Particulars	Unit	Qty	Rate	Amount (Rs)	Remarks
1	Felling of trees for firewood and conversion of the felled trees into billets of size 12 m dia (minimum) including splitting and staking to the size 3 m x 1.5m x 1m (4cum) at stump site @ 26 mandays per stake for 412.95 cum of firewood.(103 stakes)	mday	2678	225.00	602550.00	(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 103 stakes	mday	103	225.00	23175.00	do
3	General Conytingency				1775.00	
					627500.00	

(Rupees six lakh twenty seven thousand five hundred) only

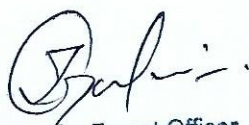
Prepared by

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

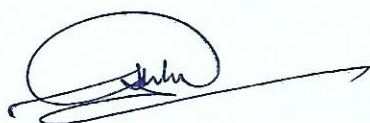
The Estimated Tree Volume in Cum to be cut for Tamenglong-Dailong Section from 0.000 Km to 10.000Km of Tamenglong -Mahur Road (Package 1)

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 44.958 Ha of forest land for Construction of Two lane with paved shoulder of Tamenglong-Dailong Section from Km0 to Km10 of Tamenglong -Mahur Road (Package-1) in the State of Manipur on EPC Mode .

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>	1746	21	10	3	0	0	0
2	Uyung	<i>Quercus serratus</i>	2856	30	16	7	0	0	0
3	Pareng	<i>Alnus nepalensis</i>	415	36	26	17	0	0	0
4	Heibong	<i>Ficus glomerata</i>	1070	70	31	1	0	0	0
5	Pine	<i>Pinus kesia</i>	33	10	3	1	0	0	0
6	Tolhao	<i>Terminalia myricarpa</i>	400	14	6	28	0	0	0
7	Usoi	<i>Schima wallichii</i>	2917	118	83	45	0	0	0
8	Tairen	<i>Cedrela toona</i>	1033	22	24	12	0	0	0
9	Heijuga	<i>Juglans regia</i>	173	11	5	1	0	0	0
10	Jam	<i>Syzygium cumini</i>	824	28	7	3	0	0	0
11	Thangji	<i>Castanopsis hystrix</i>	2408	246	70	31	0	0	0
			13875	606	281	149			

Estimated Standing Volume of the Trees.

Girth class (in cm)	No. of Trees	Diameter (m)	Basal Area (m2)	Height (m)	Form Factor	Volume (Cum)	
>30	13875	0.0477	0.0018	3.85	0.78	74.42	
31-60	606	0.1448	0.0165	8.38	0.78	65.20	
61-90	281	0.2402	0.0453	11.74	0.78	116.54	
91-120	149	0.3357	0.0885	15.25	0.78	156.79	
	14911					412.95	



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. 7/283/2021/Forests/ 525

Imphal, the 16 March, 2022.

To

The General Manager (Projects)
NHIDCL, PMU-Tamenglong

Subject: Diversion of 44.958 ha of forest land for construction of two-lane with paved shoulder of Tamenglong-Dialong Section from km 0.000 to km 10.000 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-I) 44.958 ha of forest land for construction of two-lane with paved shoulder of Tamenglong-Dialong Section from km 0.000 to km 10.000 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-I/ 44.958 ha	Erection of boundary pillars for demarcation of diverted forest land	₹ 24,84,000/-

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

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

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

Tamenglong, the 17th March, 2022

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 200 nos RCC survey pillars for demarcation of diversion of 44.958 Ha of Forest Land for construction of Two lane with Paved shoulder of Tamenglong Dailong Section from Km0 to Km10 of Tamenglong Mahur Road (Package-1) 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	242.71	98.30	MSR2017
11	Transportation of cement to last motorable point for an average road distance of 20 Km.(0 +10 Km)/2	0.131	MT	183.16	23.99	MSR2017

11582.56

Less Contractor's Profit @ 7.5%

(-) 868.69

10713.87

Add 12% GST.

(+) 1285.66

Add 1% Labour Cess

(+) 107.14

12106.67

Add not exceeding 3% Contingency

(+) 313.33

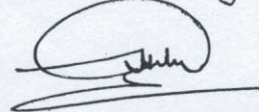
12420.00

Estimated cost for 200 boundary demarcation pillars.

2484000

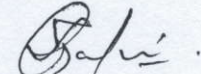
(Rupees twenty four lakh eighty four thousand) only.

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

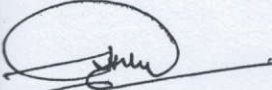
**Erection of 200 nos RCC survey pillars for demarcation of diversion of 44.958 Ha of Forest Land for construction of
Two lane with Paved shoulder of Tamenglong Dailong Section from Km0 to Km10 of Tamenglong Mahur Road
(Package-1) under NHIDCL**


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

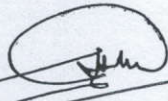
Analysis for Quantity of materials for Cement Mortar works.

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

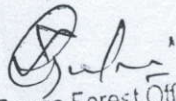
Analysis for Carriage Charge of materials by mechanical transport including loading , unloading and stacking for Boundary Pillar.

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)							
Sand, stone aggregate below 40 mm nominal size.	1 cum	242.71			242.71		Taking the mean of 10 km distance of Package I Tml-Mahur Road
1.12 b. ii)							
Cement mortar for the boundary pillar.	1 MT	183.16			183.16		do

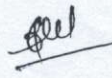
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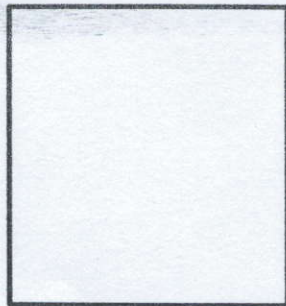

Range Forest Officer
Range Forest Office, Tamenglong
Government of Manipur

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Tamenglong Forest Division
Government of Manipur

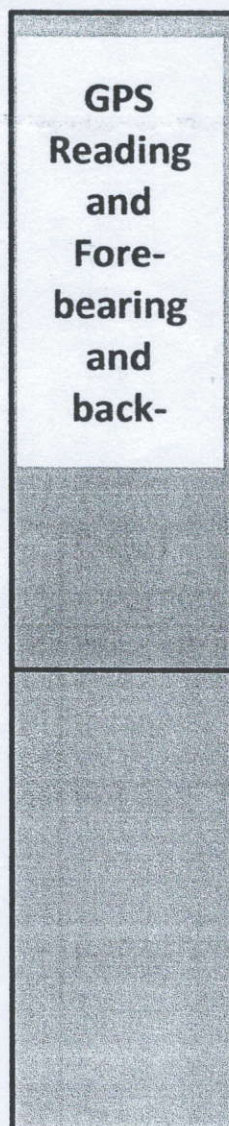
Erection of Permanent Survey Pillars

For Two lane Tamenglong-Mahur Road (Package-1)



Foundation Footing
80 cm X 60 cm

Plan for Foundation footing



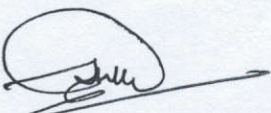
30 cm X 40 cm

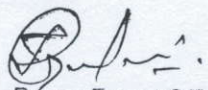
1.5 Rm


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