

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

No. 7/292/2021/Forests: 161

Imphal, the 28<sup>th</sup> August, 2022

To

The General Manager (P)  
NHIDCL, PMU-Tamenglong

Sub:- Proposal for diversion of 72.23 ha of Forest Land for construction of two-lane yith paved shoulder of Mandeu-Jiri River Section from Km 80.630 to Km 96.870 of Tamenglong-Mahur Road in the State of Manipur on EPC Mode by NHIDCL, BO Imphal.

Sir

I am to say that the Central Government vide letter No.3-MN C 061/2021-SHI/1085-86 dated 5<sup>th</sup> July, 2022 (copy enclosed) accorded "In- Principle/Stage-I Approval" for diversion of 72.23 ha of Forest Land for construction of two-lane with paved shoulder of Mandeu-Jiri River Section from Km 80.630 to Km 96.870 of Tamenglong- Mahur Road in the State of Manipur on EPC Mode by NHIDCL, BO Imphal subject to the fulfilment of the stipulated conditions. Mode of compliances for these conditions will be as under:

**A. Conditions which need to be complied prior to handing 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 Ministry's Guideline No.5-3/2011-FC (Vol.I) dated 06.01.2022 and even No. dated 19.01.2022. The requisite funds shall be transferred through online portal into CAMPA account of the State concerned;	The User Agency has to transfer ₹ 8,90,93,231/- (Rupees Eight Crore Ninety Lakhs Ninety Three Thousand Two Hundred and Thirty One) only as cost of Net Present Value (NPV) of the forest land diverted under this proposal through online portal ( <a href="http://parivesh.nic.in">http://parivesh.nic.in</a> ) 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;	The User Agency has to transfer ₹ 3,12,79,200/- (Rupees Three Crore Twelve Lakhs Seventy Nine Thousand and Two Hundred) only as cost of raising and maintaining the Compensatory Afforestation in the account of CAMPA of the concerned State through online portal ( <a href="http://parivesh.nic.in">http://parivesh.nic.in</a> ).
3	The User Agency shall transfer the cost of raising Avenue plantation on the road side in the account of CAMPA of the concerned State only through e-portal;	The User Agency to transfer the cost of raising Avenue plantation on the road side with the State Forest Department to CAMPA account only through e-portal. <i>DFO/Tamenglong Forest Division to submit detailed estimate for the cost of raising Avenue plantation on the road side.</i>
4	All the funds received from the user agency under the project shall be transferred/deposited to CAMPA account	All the funds received from the user agency under the project shall be transferred/deposited to CAMPA account

	only through e-portal( <a href="https://parivesh.nic.in">https://parivesh.nic.in</a> ). Amount deposited through other mode will not be accepted as compliance of the Stage-I clearance;	only through e-portal( <a href="https://parivesh.nic.in">https://parivesh.nic.in</a> ). Amount deposited through other mode will not be accepted as compliance of the Stage-I clearance;
5	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.  <i>DFO/Tamenglong Forest Division to submit detailed estimate for the cost of felling of trees.</i>
6	The complete compliance of the FRA, 2006 shall be ensured by way of prescribed certificate from the District Collector;	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 I .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-re dated 28.03.2019.	Violation of any of these conditions will amount to violation of Forest (Conservation) Act, 1980 and action would be taken as prescribed in para I .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-re dated 28.03.2019.
8	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.	The User Agency to submit <i>Undertaking</i> for providing proper drainage of retaining / breast wall in steep slopes 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.
9	The KML files of the area to be diverted, the CA areas 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 Forest Division to upload the KML files of the area to be diverted and the CA areas 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;
10	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 <i>Undertaking</i> 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.
11	The compliance report shall be uploaded on e-portal ( <a href="https://parivesh.nic.in/">https://parivesh.nic.in/</a> );	The User Agency to upload the compliance report on e-portal ( <a href="https://parivesh.nic.in/">https://parivesh.nic.in/</a> ) after fulfilling the conditions stipulated in the In-Principle Approval letter.

**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:**

Para No	Stipulated Conditions	Mode of compliance
1	Legal status of the diverted forest land shall remain unchanged;	The User Agency to submit <i>Undertaking</i> that legal status of the diverted forest land shall remain unchanged.
2	Compensatory Afforestation shall be raised over double degraded forest land identified over 144.46 ha in 3 (three) patches i.e. 50 ha in Manda Block /Compartment No. 80, 50 ha in Mandu Block/Compartment No. 80 and 44.50 ha in Impa Block/compartment No. 18, Tousem Range in Tamenglong Forest Division;	The User Agency to submit <i>Undertaking</i> that Compensatory Afforestation shall be raised over double degraded forestland identified over 144.46 ha in 3 (three) patches i.e. 50 ha in Manda Block /Compartment No. 80, 50 ha in Mandu Block/Compartment No. 80 and 44.50 ha in Impa Block/compartment No. 18, Tousem Range in Tamenglong Forest Division.
3	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 undertaking ensuring 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.
4	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.
5	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.
6	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 Forest Division will monitor and take necessary mitigative measures to ensure that there is no adverse impact on the forests in the surrounding area.
7	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 <i>Undertaking</i> 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.
8	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 <i>Undertaking</i> 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,
9	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 <i>Undertaking</i> 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.

10	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.
11	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;

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

Enclosed:

1. In-Principle Approval Letter No.3-MN C 060/2021-SHI/1085-86 dated 5<sup>th</sup> July, 2022.
2. Compensatory Afforestation Scheme.
3. Calculation of NPV.

Yours faithfully,



(V.L. Roui Kullai)  
Chief Conservator of Forest  
& Nodal officer/FCA  
Government of Manipur

Copy to:

1. The Chief Conservator of Forest, CAMPA, Govt. of Manipur.
2. The Conservator of Forest, Western Forest Circle, Govt. of Manipur.
3. The Divisional Forest Officer/Tamenglong Forest Division, with a request to submit detailed estimate for the cost of felling of trees and the cost of raising Avenue Plantation on the road side.

## CALCULATION OF NET PRESENT VALUE (NPV) AS PER NEW RATE

1	Name of the Project	Diversion of 72.23 Ha of forest land for "construction of Two lane with Paved shoulder of Mandeu-Jiri River Section (Package-6, from 80.630 Km to 96.870 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.	72.23 Ha
4	Crown density of the area proposed for diversion	a) Very Dense Forest: 0 Ha (0%) b) Moderately Dense Forest: 26.33 Ha (36.45%) c) Open & Degraded Forest : 45.90 Ha (63.55%)
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	<b>OLD RATE.</b> 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: (26.33 ha x Rs. 9.39 lakhs/ha) = Rs.247.2387 lakhs. c) Open & Degraded Forest: (45.90 ha x Rs. 7.30 lakhs/ha) = Rs. 335.0700 lakhs.
	Total	<b>Rs. 582.3087 lakhs</b>
8	<b>NEW RATE.</b> Net Present Value as per Supreme Court's Order dated 28/3/2008 in WP © No. 202/1996 and MoEEF & CC No 5-3/2011-FC (Vol-I) Dated 6 <sup>th</sup> January 2022.	a) Very Dense Forest: (0 ha x Rs. 1595790/ha) = Nil b) Moderately Dense Forest: (26.33 ha x Rs. 1436670/ha) = Rs. 37827521.00 c) Open forest: (45.90 ha x Rs. 1116900/ha) = Rs. 51265710.00
	Total	<b>Rs. 89093231.00 ✓</b>
	<b>Additional NPV.</b>	<b>Rs. 30862361.00</b>

*Praveen*

(Praveen Kumar Nigam, IFS)  
Divisional Forest Officer  
Tamenglong Forest Division  
Divisional Forest Office,  
Tamenglong Forest Division,  
Government of Manipur

Physical and financial targets for compensatory afforestation(CA) for diversion of 72.23 Ha of forest land for "Construction of Two lane with Paved shoulder of Mandeu-Jiri River Section from 80.630 Km to 96.870 Km of Tamenglong-Mahur Road (Package-6) in the State of Manipur on EPC Mode."

Centre:

Physical Target: 144.46 Ha

No. of Plants = 231136

Range: Tousem

Division : Tamenglong Forest Division

Spacing : 2.5 m x 2.5 m

Sl No.	Items of work	Unit per ha in Rs.	Physical and Financial Targets																											
			2021-22		2022-23		2023-24		2024-25		2025-26		2026-27		2027-28		2028-29		2029-30		2030-31		2031-32		2032-33		Total			
			Phy	Fin.	Phy	Fin.	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	26	27	28	29		
1	a) Advance work	34460	144.46	49.781																							144.46	49.781		
	b) Creation	29,900			144.46	43.194																						144.46	43.194	
	c) 1 <sup>st</sup> Yr. Maint.	19,110					144.46	27.606																				144.46	27.606	
	d) 2 <sup>nd</sup> Yr. Maint.	14,230							144.46	20.557																		144.46	20.557	
	e) 3 <sup>rd</sup> Yr. Maint.	10,330									144.46	14.923																144.46	14.923	
	f) 4 <sup>th</sup> Yr. Maint.	8,000												144.46	11.557													144.46	11.557	
	g) 5 <sup>th</sup> Yr. Maint.	8,000														144.46	11.557											144.46	11.557	
	h) 6 <sup>th</sup> Yr. Maint.	8,000																144.46	11.557									144.46	11.557	
	i) 7 <sup>th</sup> Yr. Maint.	8,000																		144.46	11.557							144.46	11.557	
	j) 8 <sup>th</sup> Yr. Maint.	8,000																			144.46	11.557						144.46	11.557	
	k) 9 <sup>th</sup> Yr. Maint.	8,000																					144.46	11.557				144.46	11.557	
l) 10 <sup>th</sup> Yr. Maint.	8,000																						144.46	11.557			144.46	11.557		
	<b>Sub Total</b>			49.781	43.194	27.606	20.557	14.923	11.557	11.557	11.557	11.557	11.557	11.557	11.557	11.557	11.557	11.557	11.557	11.557	11.557	11.557	11.557	11.557	11.557	144.46	11.557	144.46	11.557	
2	Soil & Moisture	15%		7.467	6.479	4.141	3.084	2.238	1.734	1.734	1.734	1.734	1.734	1.734	1.734	1.734	1.734	1.734	1.734	1.734	1.734	1.734	1.734	1.734	1.734	1.734	1.734	1.734	1.734	
3	Fencing	5%		2.489	2.16	1.38	1.028	0.746	0.578	0.578	0.578	0.578	0.578	0.578	0.578	0.578	0.578	0.578	0.578	0.578	0.578	0.578	0.578	0.578	0.578	0.578	0.578	0.578	0.578	
4	Monitoring & Evaluation	2%		0.996	0.864	0.552	0.411	0.298	0.231	0.231	0.231	0.231	0.231	0.231	0.231	0.231	0.231	0.231	0.231	0.231	0.231	0.231	0.231	0.231	0.231	0.231	0.231	0.231	4.738	
5	Overheads	10%		4.978	4.319	2.761	2.056	1.492	1.156	1.156	1.156	1.156	1.156	1.156	1.156	1.156	1.156	1.156	1.156	1.156	1.156	1.156	1.156	1.156	1.156	1.156	1.156	1.156	23.698	
	<b>Sub- Total</b>	32%		15.930	13.822	8.834	6.579	4.774	3.699	3.699	3.699	3.699	3.699	3.699	3.699	3.699	3.699	3.699	3.699	3.699	3.699	3.699	3.699	3.699	3.699	3.699	3.699	75.832		
	<b>Grand Total</b>			65.711	57.016	36.44	27.136	19.697	15.256	15.256	15.256	15.256	15.256	15.256	15.256	15.256	15.256	15.256	15.256	15.256	15.256	15.256	15.256	15.256	15.256	15.256	15.256	312.792		

Unit cost = 312.792/144.46 =Rs. 2.165 lakh per Ha

Say Rs 312.792 lakhs

*Amandeep*

(Amandeep, IFS)  
Divisional Forest Officer  
Tamenglong Forest Division

**Divisional Forest Officer  
Tamenglong Forest Division  
Government of Manipur**