

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

No.7/302/2021/Forests: /468

Imphal, the 29<sup>th</sup> July, 2024

To

The Executive Director (P), NHIDCL-RO Imphal.

Subject:-Proposal for diversion of 31.489 ha of forest land for Widening and Improvement of package -II of Akhegwo-Jessami Road Section of NH-202 into two laning of existing km 326.018 (Akash Bridge) to km 340.843 (Jessami) in the state of Manipur by NHIDCL.

Sir,

With reference to the subject cited above, you are requested to make payment for Cost of raising Avenue plantation on the road side as stipulated in para A- 3 of the In-principle Approval letter dated 18<sup>th</sup> January, 2023 (copy enclosed) as given in the table below.

Sl. No.	Stipulated Conditions	Amount	Remarks
1.	Cost of raising Avenue plantation on the road side (Site clearance & creation, maintenance I – V)	Rs. 69,65,687/-	To be deposited into CAMPA account of the State concerned through PARIVESH e-portal ( <a href="http://parivesh.nic.in">http://parivesh.nic.in</a> )

Detailed estimate for cost of raising Avenue plantation on the road side is enclosed.

Enclosed: Detailed estimates and IPA dt 18<sup>th</sup> January, 2023.

Yours faithfully,

*Sphy*  
29/7/2024

(Soreiphy Vashum)

Addl. Pr. Chief Conservator of Forest/ APM  
Government of Manipur

Copy to

1. The General Manager, PMU-Ukhrul, NHIDCL.



## 7. PROPOSED BUDGET

The details of cost estimate for Single row plantation at the lower side of the road of Aakash Bridge-Jessami Road Section of NH-202 into two laning of existing 326.018 km from Aakash Bridge to Jessami village of 340.843 km are as below. It is to be noted that the items of work are taken from Manipur Schedule Items of Forestry Works, 1971 and MSR 2018 of State PWD.

**Table 1: ESTIMATE FOR AVENUE PLANTATION**

Avenue Plantation For Road Section from 326.018 Km (Aakash Bridge) to 340.843 Km (Jessami Village)					
Name of Work : Single Row Avenue Plantation at Down Hill side					
Design : Single row Plantation	Length for plantation :	14.72	Km.		
Spacing : 6 m from C/C	No. of plants :	2454	Nos.		

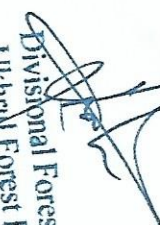
Sl. No.	Items of work	Quantity	Rate	Unit	Amount	Remarks
1	Site clearance, removal of the rank vegetation, brushwood, removal of stump wherever necessary by retaining advance growths @ 12 m day/ha (10m wide) ( 14720*10*12/10000)	177	225	M day	₹ 39744.00	Wage rate as per State Govt. of Manipur order no. 22/4/2009-FD(PIC) dated 03-01-2017
2	Collection of 2454 stakes for size 60-75 cm. long 2.5 cm dia. with one end pointed @ 1 Man day for 320 stakes	8	225	M day	₹ 1800.00	Wage rate as per State Govt. of Manipur order no. 22/4/2009-FD(PIC) dated 03-01-2017 22/4/2009-FD(PIC) dated 03-01-2017
3	Laying out of 2454 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	M day	₹ 2700.00	Wage rate as per State Govt. of Manipur order no. 22/4/2009-FD(PIC) dated 03-01-2017

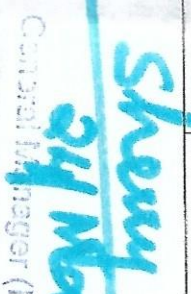




Sl. No.	Items of work	Quantity	Rate	Unit	Amount	Remarks
4	Planting of trees by the road side (Avenue trees) in 0.60m dia. holes, 1 m deep dug in the ground, mixing the soil with decayed farm yard/ sludge manure, planting saplings, back filling the trench, watering, fixing the tree guard and maintaining the plants for one year*	2454	1518.28	each	₹ 3725859.12	Item No. 13 page 40 of MSR 2018 (State PWD)
5	Procurement of tree saplings	2454	90	each	₹ 220860.00	Item No. 48 iii) page 6 of MSR 2018 (State PWD)
6	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 2454 pits)	265.03	882.2	cum	₹ 233809.5	Item No. 48 iv) page 6 of MSR 2018 (State PWD)
7	Making tree guard 53cm dia. and 2m high as per design from empty bitumen drums (supplied by the department at stock issue rate) including providing and fixing four legs 40cm long of 30x3mm M.S. flat riveted to tree guard and providing and fixing 2 nos. M.S sheet rings 50x0.5mm with rivets complete in all respects	2454	768.48	each	₹ 1885850.00	Item No. 4 page 38 of MSR 2018 (State PWD)
Sub total					₹ 6110622.62	
Add contingency (2%)					₹ 1222124.52	
Total:-					₹ 6232833.61	
Say					₹ 6232834.00	

NB : \*The above estimate includes the charges of maintenance for one year after plantation

  
Divisional Forest Officer  
Ukhrul Forest Division  
Government of Manipur

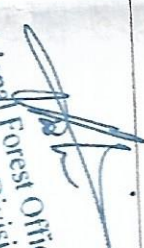
  
Control Manager (P)  
24 May / 2022



Widening and improvement of Package- II of Aakash Bridge-Jessami Road  
Section of NH-202 into two laning of existing 326.018 km from Aakash  
Bridge to Jessami village of 340.843 km in the State of Manipur

AVENUE PLANTATION SCHEME

2 <sup>nd</sup> YEAR MAINTENANCE						
Sl. No.	Items of work	Quantity	Rate	Unit	Amount	Remarks
1	First weeding operation to a width of 1/2m radius around each plant of 2454 nos. including hoeing @ 125 plants per man day.	20.0	225	M 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 (10%)	246	90	each	₹ 22140.00	Item No. 48 page 36 of MSR 2018 (State PWD)
3	Beating up of casualties up to 10% (246 nos.) @ 65 saplings/m day	3.8	225	M day	₹ 848.08	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 1/2m radius around each plant including hoeing @ 250 plants per man day.	10.0	225	M day	₹ 2250.00	Wage rate as per State Govt. of Manipur order no. 22/4/2009-FD(PIC) dated 03-01-2017
5	Deployment of 2 nos. of watch and ward for 365 m days including protection from fire hazard, watering etc.	730.0	225	M day	₹ 164250.00	Wage rate as per State Govt. of Manipur order no. 22/4/2009-FD(PIC) dated 03-01-2017
Sub total					₹ 193988.08	
Add contingency (2%)					₹ 3879.76	
Total:-					₹ 197867.84	
Say					₹ 197868.00	

  
Divisional Forest Officer  
Ukhrul Forest Division  
Government of Manipur

General Manager (P)  
Manipur PWD Ukhrul

*Shrey*  
*24/05/2022*



3 <sup>rd</sup> YEAR MAINTENANCE						
Sl. No.	Items of work	Quantity	Rate	Unit	Amount	Remarks
1	First weeding operation to a width of 1/2m radius around each plant of 2454 nos. including hoeing @ 125 plants per man day.	20.0	225	M 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%)	123.0	90	each	₹ 11070.00	Item No. 48 page 36 of MSR 2018 (State PWD)
3	Beating up of casualties up to 5% @ 65 saplings/m day	1.9	225	M day	₹ 424.73	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 1/2m radius around each plant including hoeing @ 250 plants per man day.	10.0	225	M day	₹ 2250.00	Wage rate as per State Govt. of Manipur order no. 22/4/2009-FD(PIC) dated 03-01-2017
5	Deployment of 2 nos. of watch and ward for 365 m days including protection from fire hazard, watering etc.	730	225	M day	₹ 164250.00	Wage rate as per State Govt. of Manipur order no. 22/4/2009-FD(PIC) dated 03-01-2017
Sub total					₹ 182494.73	
Add contingency (2%)					₹ 3649.89	
Total:-					₹ 186144.62	
Say					₹ 186145.00	



Divisional Forest Officer  
Ukhul Forest Division  
Government of Manipur



24/04/2022  
34/04/2022



Widening and improvement of Package- II of Aakash Bridge-Jessami Road  
Section of NH-202 into two laning of existing 326.018 km from Aakash  
Bridge to Jessami village of 340.843 km in the State of Manipur

AVENUE PLANTATION SCHEME

4 <sup>th</sup> YEAR MAINTENANCE						
Sl. No.	Items of work	Quantity	Rate	Unit	Amount	Remarks
1	First weeding operation to a width of 1/2m radius around each plant of 2454 nos. including hoeing @ 125 plants per man day.	20.0	225	M 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 1/2m radius around each plant of 2454 nos. including hoeing @ 250 plants per man day.	10.0	225	M day	₹ 2250.00	Wage rate as per State Govt. of Manipur order no. 22/4/2009-FD(PIC) dated 03-01-2017
3	Deployment of 2 nos. of watch and ward for 365 m days including protection from fire hazard, watering etc.	730	225	M day	₹ 164250.00	Wage rate as per State Govt. of Manipur order no. 22/4/2009-FD(PIC) dated 03-01-2017
Sub total					₹ 171000.00	
Add contingency (2%)					₹ 3420.00	
Total:-					₹ 174420.00	
Say					₹ 174420.00	

  
Divisional Forest Officer  
Ukhul Forest Division  
Government of Manipur

  
General Manager (P)  
Manipur, PHU Ukhul





Total cost for Single Row Avenue Plantation at Down Hill side for Package II of A-J Road		
1	Creation of Single Row Avenue Plantation at Down Hill side	
2	2nd year maintenance	₹ 6232834.00
3	3rd year maintenance	₹ 197868.00
4	4th year maintenance	₹ 186145.00
5	5th year maintenance	₹ 174420.00
		₹ 174420.00
	<b>Total Cost</b>	<b>₹ 6965687.00</b>

## 8. DURATION OF PROJECT

The duration of the plantation scheme shall be for 5 years. In the 1<sup>st</sup> year, layout of planting pits with geo co-ordinates, staking thereof with already prepared stacks of 75 cm long and 10 cm dia. with one end pointed, digging of planting pits of size 60cm x 60cm x 60cm or making of mounds of the size of pits at sunken portions, refilling with dug out soil after weathering and breaking clods or with imported alluvia! or top soil at rocky areas wherever necessary including addition of manure, fertilizer and fungicide and insecticide will have to be made before rains. During next rainy season, planting out of saplings in the prepared pits, weeding, hoeing, mulching, replacement of casualties, providing of fencing and watering of every plant (wherever necessary) at required intervals of time will be taken up. In the next succeeding 5 (five) years maintenance of the plantation including weeding, hoeing, mulching, replacement of casualties and repairing of fencing will have to be taken up.

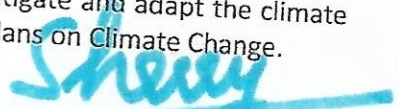
## 9. MODE OF IMPLEMENTATION

The project implementing authority (NHIDCL) shall arrange for implementation of this scheme through efficient, dependable, reliable organization as per the applicable guidelines and policy.

## 10. CONCLUSION

The avenue plantation along the proposed road section would ensure creation of a green corridor which would be ne fit the human community by providing direct and indirect benefits. And it will also support a wide variety of biodiversity of the region which have been branded as rare, endangered and threatened. The initiative of avenue plantation will add a value in the global efforts to mitigate and adapt the climate change phenomenon and would directly fulfill the National and State Action Plans on Climate Change.

  
Divisional Forest Officer  
Forest Division  
Imphal

  
24/May/2022  
General Manager  
NHIDCL, POJU Ukhrul





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GOVERNMENT OF INDIA

एकीकृतक्षेत्रीयकार्यालय

INTEGRATED REGIONAL OFFICE

पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय

MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

लॉउसीबलुम्बतंगेन/LAW-U-SIB, LUMBATNGEN,

शिलॉंग/SHILLONG-793021

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Office of the  
PCCF & HO  
Government of Manipur

7270

Received No. 20/7/2023

F. No. 3-MN C 042/2022-SHI 2931-32

18<sup>th</sup> January, 2023

सेवामे,

अतिरिक्तप्रमुखसचिव / Addl. Chief Secretary,  
वनऔरपर्यावरणविभाग/ Forest and Environment Department  
मणिपुरकीसरकार / Government of Manipur,  
इंफाल-Imphal – 795 001.

No (F&amp;E)

20/2/2023

Sub : Proposal for diversion of 31.489 Ha of Forest Land for widening improvement of Package-II of Akhegwo-Jessami Road Section of NH-202 into two laning of existing KM 326.018 (Akash Bridge) to KM 340.843 (Jessami) in the state of Manipur by NHIDCL.

Sir,

This has got reference to the State Government of Manipur letter No.27/66/2022-(For & Env't)/ dated 24.08.2022 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.27/66/2022-(For & Env't)/ dated 29.11.2022 and after recommendation of the proposal in the Regional Empowered Committee (REC) in its meeting held on 16.12.2022, the **In-principle / Stage-I approval** of the Central Government is hereby granted for diversion 31.489 Ha of Forest Land for widening improvement of Package-II of Akhegwo-Jessami Road Section of NH-202 into two laning of existing KM 326.018 (Akash Bridge) to KM 340.843 (Jessami) in the state of Manipur 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 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;
2. The user agency shall transfer the cost of raising and maintaining the compensatory afforestation at the current wage rate in consultation with State Forest Department in the account of CAMPA of the concerned State through online portal. The scheme may include appropriate for anticipated cost increase for works scheduled for subsequent years;
- ✓ 3. The user agency shall transfer the cost of raising Avenue plantation on the road side in the account of CAMPA of the concerned State 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 cost of felling of trees shall be deposited by the User Agency with the State Forest Department;

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20/02/2023



6. The cost for boundary demarcation of the diversion forest land shall be deposited by the User Agency with the State Forest Department;
7. The complete compliance of the FRA, 2006 shall be ensured by way of prescribed certificate from the District Collector;
8. Undertaking from the user agency to undertake special measures for prevention of landslide / erosion by biological or mechanical measures and stabilization of side slope to avoid soil erosion and landslides as per requirement and proposed in the Much Dumping Plan.
9. Amenities such as market shed, bus shed & toilet shall be provided to the villagers, as per advisable by the User Agency.
10. Road side plantation of economic & ecological importance to the communities may be undertaken with special attention by the User Agency.
11. The monitoring of the proposed area to be diverted shall be conducted by IRO, Shillong prior to Stage-II approval.
12. Muck Dumping Plan to be made available to DFOs with instructions to ensure dumping only on dumping sites for each of the respective road widening/improvement and also contractors should be properly sensitized by the User Agency for proper muck dumping.
13. 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;
14. 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;
15. The compliance report shall be uploaded on e-portal ( <https://parivesh.nic.in/> );

**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 over 63 Ha at 2 locations i.e. (i) 10 ha in Compartment No. 6 in Jessami Plot I Block, Ukhrul District (ii) 53 ha in Compartment No. 20, Jessami Plot II Block, Ukhrul District;
3. The overburden shall not be dumped outside the diverted land. The muck generated in the earth cuttings will be disposed of at the designated dumping sites and in no case the muck/debris will be allowed to roll down the hill slopes;
4. The State Govt shall ensure that the user agency provide proper drainage of retaining / breast wall in steep slopes and stabilization of side slope to avoid soil erosion and landslides and provide for proper 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 work are started;
5. User agency may raise strip plantation on both sides of the road as per the IRC norms as per the fund deposited by the User Agency.
6. Speed regulating signage will be erected along the road at regular intervals in the Protected Areas/Forest Areas.
7. The user agency shall provide suitable under / over pass in Protected Area / Forest Area as per recommendation of CWLW / NBWL / FAC / REC, if applicable.
8. 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;



9. No damage to the flora and fauna of the adjoining area shall be caused;
10. 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;
11. 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;
12. The User Agency shall obtain the Environmental Clearance as per the provisions of the Environment (Protection) Act, 1986, if applicable.
13. The layout plan of the proposal shall not be changed without prior approval of Central Government.
14. No labour camp shall be established on the forest land.
15. Sufficient firewood, preferably the alternate fuel, shall be provided by the User Agency to the labourer after purchasing the same from the State Forest Department or the Forest Development Corporation or any other legal source of alternate fuel.
16. The boundary of the diversion forest land shall be suitably demarcated on ground at the project cost, as per the direction of the concerned Divisional Forest Officer.
17. Wherever possible and technically feasible, User Agency shall undertake afforestation measures along the road within the area diverted under this approval.
18. No additional or new path will be constructed inside the forest area for transportation of construction materials for execution of the project work.
19. The period of diversion under this approval shall be co-terminus with the period of lease to be granted in favour of the user agency or the project life, whichever is less.
20. The forest land shall not be used for any purpose other than that specified in the project proposal.
21. The forest land proposed to be diverted shall under no circumstances be transferred to any other agencies, department or person without prior approval of Govt. of India.
22. 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;
23. 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;
24. 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;
25. 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 fulfillment 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.

This is issued with the approval of Deputy Director General of Forests (C).

भवदीय,

(Mrs.L.J.Syiemiong)

वनउपमहानिरीक्षक (केंद्रीय)/Deputy Inspector General of Forests(C)

Copy to:

1. प्रधानमुख्यवनसंरक्षक/ Principal Chief Conservator of Forests & HoFF, मणिपुरसरकार/  
Government of Manipur, वनऔरपर्यावरणविभाग/ Forest & Environment Department, इम्फाल / Imphal  
-795001.

वनउपमहानिरीक्षक (केंद्रीय)/Deputy Inspector General of Forests(C)