

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

No. 7/236/2018/Forests: *1245*  
To

Imphal, the *20<sup>th</sup>* October, 2023

The General Manager (P)  
PMU-Tengnoupal, NHIDCL

Sub: Proposal for diversion of 48.288 ha of forest land for Widening and Improvement of main alignment of NH 39 (Imphal-Moreh) of 29.526 km from Khongkhang to Moreh of Imphal-Moreh road section of NH-39 (New AH-02) under ADB funded – “Request for submitting a demand estimate proposal for Impact Mitigation & Wildlife Management Plan and resubmit detailed estimate for avenue plantation scheme” – Reg.

Sir,

With reference to para no. 3 of your office letter NHIDCL/PMU-Tengnoupal/GM(P)/I-M Pkg-3/2022/1903 dated 26.11.2022 on the subject cited above, the revised estimate for avenue plantation as submitted by DFO/Tengnoupal is hereby enclosed for further necessary action.

Enclosed: As Above.

Yours faithfully,

*Sphy*  
*20/10/2023*

(Soreiphy Vashum)  
Addl. PCCF & Nodal Officer (FCA)  
Government of Manipur

Copy to:

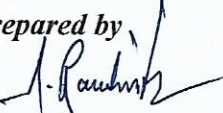
1. The Divisional Forest Officer/Tengnoupal Forest division, Government of Manipur.
2. The Executive Director (P), NHIDCL, RO, Imphal.

## Abstract of the Plantation Cost

(Single Row Avenue Plantation at Down Hill side & Up Hill Side)

Total cost for Single row Avenue Plantation at Down Hill Side of 25 km and Up Hill Side 10 km a total of 35 km from Khongkhang to Moreh of NH 39		
1	Creation of single Avenue Plantation along the road	30862654.00
2	2 <sup>nd</sup> year maintenance (M-I)	1878973.00
3	3 <sup>rd</sup> year maintenance (M-II)	903587.00
4	4 <sup>th</sup> year maintenance (M-III)	861773.00
5	5 <sup>th</sup> year maintenance (M-IV)	861773.00
Total Cost		35368760.00

*(Rupees Three crores fifty-three lakhs sixty-eight thousand seven hundred sixty) only*

Prepared by  
  
Range Forest Officer  
Tengnoupal Range  
Govt. of Manipur

Checked by  
  
Range Forest Officer  
Moreh Range  
Govt of Manipur

Approved by  
  
Deputy Conservator of Forests  
Tengnoupal Forest Division  
Government of Manipur



## Avenue Plantation

Name of work: Single Row Avenue Plantation at Down Hill Side 25 km and Up Hill Side 10 km a total of 35 km from Khongkhang to Moreh of NH 39

Design: Single row Plantation

Length of Plantation: 35 km

Spacing: 4 m from C/C

No. Plants: 8750 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) (8750*10*12/10000)	105	225	Man-day	23625.00	Wage rate as per state Govt. of Manipur order no. 22/4/2009-FD(PIC) dated 03/01/2017
2	Collecting of 8750 stakes for size 60-75 cm, long 2.5 cm dia with one end pointed @ 1 Man Day for 320 stakes	27	225	Man-day	6075.00	-do-
3	Laying out of 8750 planting pits and staking of the pits at prescribed spacing for pits up to 1000 nos per ha @ 1 man day for 220 pits	40	225	Man-day	9000.00	-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	8750	1518.3	each	13285125.00	Item No. 13 page 40 of MSR 2018 (State PWD)
5	Procurement of indigenous tree saplings	8750	90	each	787500.00	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 8750 pits)	945	882.2	cum	833679.00	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	8750	1750.00	Each	15312500.00	Market Rate.
Subtotal					30257504.00	
Add Contingency: 2% (approx.)					605150.00	
Grand Total					30862654.00	

(Rupees three crore eight lakh sixty-two thousand six hundred fifty-four) only

Prepared by

*A. Rana*  
Range Forest Officer  
Tengnoupal Range  
Govt. of Manipur

Checked by

*Ng. Nandabini*  
Range Forest Officer  
Moreh Range  
Govt of Manipur

Approved by

*[Signature]*  
Deputy Conservator of Forests  
Tengnoupal Forest Division  
Government of Manipur



2<sup>nd</sup> Year Maintenance (M-I)

Sl no.	Item of work	Quantity	Rate	Unit	Amount	Remark
1	First weeding operation to a width of ½ m radius around each plant of 8750 nos. including hoeing @ 125 plants per man day	70	225	Man-day	15750.00	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.	1750	90	no	157500.00	Market Rate.
3	Beating up of casualties up to 20% @ 65 saplings / man day	27	225	Man day	6075.00	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 8750 pits)	945	882.2	cum	833679.00	Item No. 48 iv) page 6 of MSR 2018 (state PWD)
5	Second weeding operation to a width of ½ m radius around each plant of 8750 nos. including hoeing @ 250 plants per man day	35	225	Man-day	7875.00	Wage rate as per state Govt. of Manipur order no. 22/4/2009-FD(PIC) dated 03/01/2017
6	Deployment of 10 nos. of watch and ward for 365 mdys including protection from fire hazard etc	3650	225	Man day	821250.00	-do-
Sub total					1842129.00	
Add Contingency @2% (Approx.)					36842.58	
Grand Total					1878972.58	
Say					1878973.00	

(Rupees eighteen lakhs seventy-eight thousand nine hundred seventy-three) only

Prepared by

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Checked by

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Range Forest Officer  
Moroh Range  
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Approved by

*J. J. J.*  
Deputy Conservator of Forests  
Tengnoupal Forest Division  
Government of Manipur

3<sup>rd</sup> 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 8750 nos. including hoeing @ 125 plants per man day	70	225	Man-day	15750.00	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%)	438	90	each	39420.00	Market rate
3	Beating up of casualties up to 5% @ 65 saplings / man day	7	225	Man day	1575.00	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	35	225	Man day	7875.00	-do-
5	Deployment of 10 nos. of watch and ward for 365 mdys including protection from fire hazard etc.	3650	225	Man day	821250.00	-do-
Subtotal					885870.00	
Add Contingency @2%					17717.40	
Grand Total					903587.40	
Say					903587.00	

(Rupees nine lakhs three thousand five hundred eighty-seven) only.

Prepared by

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Approved by

*J. Singh*  
Deputy Conservator of Forests  
Tengnoupal Forest Division  
Government of Manipur



4<sup>th</sup> 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 8750 nos. including hoeing @ 125 plants per man day	70	225	Man-day	15750.00	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 8750 nos. including hoeing @ 250 plants per man day	35	225	Man-day	7875.00	-do-
3	Deployment of 10 nos. of watch and ward for 365 mday including protection from fire hazard, watering etc.	3650	225	Man day	821250.00	-do-
Sub total					844875.00	
Add Contingency @2%(Aprox)					16897.50	
Grand Total					861772.50	
Say					861773.00	

(Rupees eight lakh sixty-one thousand seven hundred seventy-three) only

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Tengnoupal Forest Division  
Government of Manipur

5<sup>th</sup> 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 8750 nos. including hoeing @ 125 plants per man day	70	225	Man-day	15750.00	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 8750 nos. including hoeing @ 250 plants per man day	35	225	Man-day	7875.00	-do-
3	Deployment of 10 nos. of watch and ward for 365 mday including protection from fire hazard, watering etc.	3650	225	Man day	821250.00	-do-
Subtotal					844875.00	
Add Contingency @2%(Aprox)					16897.50	
Grand Total					861772.50	
Say					861773.00	

(Rupees eight lakh sixty-one thousand seven hundred seventy-three) only

Prepared by

*A. Ramin*  
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