

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

No.7/311/2022/Forests:/287
To

Imphal, the 13th December, 2023

The Project Director/ EAP
PWD, Manipur

Sub:- Proposal for diversion of 12.9746 ha of forest land for "Construction of Imphal Ring Road" by PWD, Manipur. **Demand Note for Avenue Plantation and Development of Biodiversity Parks – reg.**

Sir,

With reference to the subject cited above, I am to submit the estimates for Avenue Plantation, Development of Biodiversity Park at Laimaching- Nongmaiching RF and Khonghampat- Langol Ex. RF for diversion of 12.9746 ha of forest land for "Construction of Imphal Ring Road" by PWD, Manipur for further compliance as stipulated in the IPA letter dated 1st December, 2022.

Sl. No.	Particulars	Amount (Rs)	Mode of Compliance
1	Avenue Plantation with 4 (four) years maintenance (excluding tree guards & its maintenance)	Rs. 1,48,72,500/-	To be deposited to CAMPA account of the State concerned through e-portal (http://parivesh.nic.in)
2.	Development of Biodiversity Park at Laimaching-Nongmaiching RF	Rs. 78,00,000/-	To be deposited in the account of DFO/ Central Forest Division Account Name/Operator: DFO Central Forest Division A/c No. 10383411975 State Bank of India Paona Bazar, Imphal IFSC Code: SBIN0007440
3.	Development of Biodiversity Park at Khonghampat-Langol Ex. RF	Rs. 94,67,500/-	
	Total	Rs. 3,21,40,000	

It is to be noted that tree guards shall be provided and maintained by PWD Manipur in consultation with DFO/Central Forest Division as discussed in the review meeting held on 20.11.2023 in this office.

Enclosed:

- (i) Estimates for Avenue Plantation.
- (ii) Estimate for Development of Biodiversity Park at Laimaching (Nongmaiching RF) and Khonghampat (Langol Ex. RF).

Yours faithfully,

(Soreiphy Vashum)

Adtl. PCCF & Nodal Officer/FCA
Government of Manipur

Copy to:

1. The Chief Conservator of Forests/CAMPA, Government of Manipur.
2. The Conservator of Forests /Central Circle, Government of Manipur.
3. The DFO/Central Forest Division, Government of Manipur.

Receipt No. 265
Date 8/12/23Government of Manipur
Office of the Divisional Forest Officer: Central Forest Division
Imphal: Manipur

No. 3/4/2018-19/DFO(C)/345

Mantripukhri, the 4th December, 2023

To

The Addl. Principal Chief Conservator of Forests & Nodal Officer, FCA
Government of Manipur.

Subject: Proposal for diversion of 12.9746 ha of forest land for "Construction of Imphal ring Road" by PWD, Manipur.

Madam,

In continuation of this office letter even No. dated, the 29th August, 2023 on the above cited subject, as directed, I have the honour to submit herewith the following 3 (three) revised detailed estimates/abstract of cost for your kind information and necessary action.

Sl. No.	Particulars	Amount
1.	Abstract cost for creation of Single Row Avenue Plantation	Rs. 1,48,72,500/-
2.	Abstract cost for the development of Biodiversity Park at Laimaching, Nongmaiching RF	Rs. 78,00,000/-
3.	Abstract cost for the development of Biodiversity Park at Khonghampat, Langol Ex-RF	Rs. 94,67,500/-

Total: Rs. 3,21,40,000/-

Enclosed: As stated above.

Yours faithfully,

(Siba Veimy)

Asst. Conservator of Forests: Central Forest Division
Government of Manipur

Copy to:

1. The Chief Conservator of Forests, T-I, Manipur.
2. The Conservator of Forests, Central Circle, Manipur.
3. Guard file.

(Siba Veimy)

Asst. Conservator of Forests: Central Forest Division
Government of Manipur

Spl
8/12
RFO/FCA
Meenakshi
13/12/2023

Government of Manipur
Office of the Divisional Forest Officer: Central Forest Division
Imphal: Manipur

No. 3/4/2018-19/DFO(C) /345

Mantripukhri, the 4th December, 2023

To ✓

The Addl. Principal Chief Conservator of Forests & Nodal Officer, FCA
Government of Manipur.

Subject: Proposal for diversion of 12.9746 ha of forest land for "Construction of Imphal ring Road" by PWD, Manipur.

Madam,

In continuation of this office letter even No. dated, the 29th August, 2023 on the above cited subject, as directed, I have the honour to submit herewith the following 7 (seven) revised detailed estimates/abstract of cost for your kind information and necessary action.

Sl. No.	Particulars	Amount
1.	Detailed estimate for creation of Single Row Avenue Plantation	Rs. 1,24,49,500/-
2.	Detailed estimate for 1 st Year Maintenance of Single Row Avenue Plantation	Rs. 10,67,000/-
3.	Detailed estimate for 2 nd Year Maintenance of Single Row Avenue Plantation	Rs. 4,82,000/-
4.	Detailed estimate for 3 rd Year Maintenance of Single Row Avenue Plantation	Rs. 4,37,000/-
5.	Detailed estimate for 4 th Year Maintenance of Single Row Avenue Plantation	Rs. 4,37,000/-
6.	Abstract cost for the development of Biodiversity Park at Laimaching, Nongmaiching RF	Rs. 78,00,000/-
7.	Abstract cost for the development of Biodiversity Park at Khonghampat, Langol Ex-RF	Rs. 94,67,500/-

Total: Rs. 3,21,40,000/-

Enclosed: As stated above.

Yours faithfully,

(Siba Veimy)

Asst. Conservator of Forests: Central Forest Division
Government of Manipur

Copy to:

1. The Chief Conservator of Forests, T-I, Manipur.
2. The Conservator of Forests, Central Circle, Manipur.
3. Guard file.

(Siba Veimy)

Asst. Conservator of Forests: Central Forest Division
Government of Manipur

Sphy
4/12
KFO/FCA
Meenakshi
13/12/2023

Detailed Estimate for Creation of Single Row Avenue Plantation

Name of work: Single Row Avenue Plantation
Design: Single Row Plantation
Spacing: 4m

Length of Plantation (in km.): 22
No. of Plants: 5408

Sl. No.	Item of Work	Qty	Unit	Rate (Rs.)	Amount	Remarks
1	Site clearance, removal of the rank vegetation, brushwood, removal of stump whereby by retaining advance growth @ 12 Manday/ha (10 m wide)	264	Manday	225	59,400.00	MFSR 91
2	Collection of 5408 stakes for size 60-75cm long, 2.5 cm dia with one end pointed @ 1 Manday for 320 stakes	17	Manday	225	3,825.00	MFSR 91
3	Laying out of 5408 planting pits and staking of the pits at prescribed spacing for pits up to 1000 nos. per ha @ 1 Manday for 220 pits	25	Manday	225	5,625.00	MFSR 91
4	Planting of trees by the road side (Avenue trees) in 0.60 m 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.	5408	Nos.	2127	1,15,02,816.00	MSR 22 Vol 2 Page 49
5	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 5408 pits)	584.06	cum	882.2	5,15,261.26	MSR 22 Vol. 2 Page (ix) Sl. No. M-167
6	Sub - Total				1,20,86,927.26	
7	General Contingency not more than 3%				3,62,607.82	
	Grand Total				1,24,49,535.08	
				Say	1,24,49,500.00	

(Rupees one crore Twenty four lakh Forty nine thousand Five Hundred) only

Prepared by:

M. J. D. W. T.
Range Officer/H.C.
Central Forest Division
Govt. of Manipur

Checked by:

[Signature]
Asst. Conservator of Forest
Central Forest Division
Government of Manipur

Approved by:

[Signature]

Detailed Estimate for Maintenance I in 2nd Year of Plantation

Name of work: Single Row Avenue Plantation
Design: Single Row Plantation
Spacing: 4m

Length of Plantation (in km.): 22
No. of Plants: 5408

Sl. No.	Item of Work	Qty	Unit	Rate (Rs.)	Amount	Remarks
1	First weeding operation to a width of 1/2 m radius around each plant of 5408 nos. including hoeing @ 125 plants per Manday	43	Manday	225	9,675.00	MFSR 91
2	Procurement of tree saplings (20%) casualty replacement	1082	Nos.	90	97,380.00	MFSR 91
3	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 5408 pits)	584.064	cum	882.2	5,15,261.26	MFSR 91
4	Second weeding operation to a width of 1/2 m radius around each plant of 5408 nos. including hoeing @ 250 plants per Manday	22	Manday	225	4,950.00	MFSR 91
5	Deployment of 5(five) watcher for 365 days including protection from fire hazard, watering etc.	1825	Manday	225	4,10,625.00	
	Sub - Total				10,37,891.26	
6	General Contingency not more than 3%				29,108.74	
	Grand Total				10,67,000.00	

(Rupees ten lakh sixty seven thousand) only

Prepared by:

M. Jitendra Kumar
Range Officer/H.Q.
Central Forest Division
Govt. of Manipur

Checked by:

[Signature]
Asst. Conservator of Forest
Central Forest Division
Government of Manipur

Approved by:

[Signature]

Detailed Estimate for Maintenance II in 3rd Year of Plantation

Name of work: Single Row Avenue Plantation
Design: Single Row Plantation
Spacing: 4m

Length of Plantation (in km.): 22
No. of Plants: 5408

Sl. No.	Item of Work	Qty	Unit	Rate (Rs.)	Amount	Remarks
1	First weeding operation to a width of 1/2 m radius around each plant of 5408nos. including hoeing @ 125 plants per Manday	43	Manday	225	9,675.00	MFSR 91
2	Procurement of tree saplings (5%) casualty replacement	270	Nos.	90	24,300.00	MFSR 91
3	Beating up of casualties upto 5% @ 65 sapling/ Manday	83	Manday	225	18,675.00	MFSR 91
4	Second weeding operation to a width of 1/2 m radius around each plant of 5408 nos. including hoeing @ 250 plants per Manday	22	Manday	225	4,950.00	MFSR 91
5	Deployment of 5(five) watcher for 365 days including protection from fire hazard, watering etc.	1825	Manday	225	4,10,625.00	
	Sub - Total				4,68,225.00	
6	General Contingency not more than 3%				13,775.00	
	Grand Total				4,82,000.00	

(Rupees four lakh eighty two thousand) only

Prepared by:

M. Jothu
**Range Officer/H.Q.
Central Forest Division
Govt. of Manipur**

Checked by:

[Signature]
**Asst. Conservator of Forest
Central Forest Division
Government of Manipur**

Approved by:

[Signature]

Detailed Estimate for Maintenance III in 4th Year of Plantation

Name of work: Single Row Avenue Plantation
Design: Single Row Plantation
Spacing: 4m

Length of Plantation (in km.): 22
No. of Plants: 5408

Sl. No.	Item of Work	Qty	Unit	Rate (Rs.)	Amount	Remarks
1	First weeding operation to a width of 1/2 m radius around each plant of 5408 nos. including hoeing @ 125 plants per Manday	43	Manday	225	9,675.00	MFSR 91
2	Second weeding operation to a width of 1/2 m radius around each plant of 5408 nos. including hoeing @ 250 plants per Manday	22	Manday	225	4,950.00	MFSR 91
5	Deployment of 5(five) watcher for 365 days including protection from fire hazard, watering etc.	1825	Manday	225	4,10,625.00	
	Sub - Total				4,25,250.00	
6	General Contingency not more than 3%				11,750.00	
	Grand Total				4,37,000.00	

(Rupees four lakh thirty seven thousand) only

Prepared by:

M. Jitendra Kumar
Range Officer/H.Q.
Central Forest Division
Govt. of Manipur

Checked by:

[Signature]
Asst. Conservator of Forest
Central Forest Division
Government of Manipur

Approved by:

[Signature]

Model Detailed Estimate for Maintenance IV in 5th Year of Plantation

Name of work: Single Row Avenue Plantation
Design: Single Row Plantation
Spacing: 4m

Length of Plantation (in km.): 22
No. of Plants: 5408

Sl. No.	Item of Work	Qty	Unit	Rate (Rs.)	Amount	Remarks
1	First weeding operation to a width of 1/2 m radius around each plant of 251 nos. including hoeing @ 125 plants per Manday	43	Manday	225	9,675.00	MFSR 91
2	Second weeding operation to a width of 1/2 m radius around each plant of 5408 nos. including hoeing @ 250 plants per Manday	22	Manday	225	4,950.00	MFSR 91
5	Deployment of 5(five) watcher for 365 days including protection from fire hazard, watering etc.	1825	Manday	225	4,10,625.00	
	Sub - Total				4,25,250.00	
6	General Contingency not more than 3%				11,750.00	
	Grand Total				4,37,000.00	

(Rupees four lakh thirty seven thousand) only

Prepared by:

M. Jitendra Kumar
Range Officer/H.Q.
Central Forest Division
Govt. of Manipur

Checked by:

[Signature]
Asst. Conservator of Forest
Central Forest Division
Government of Manipur

Approved by:

[Signature]

Development of Biodiversity park at Iaimaching of Nongmaiching RF		
SN	Components / items	Estimated cost (in lakhs)
1	Modern nursery	
	i) Green net House	₹ 11,56,800.00
	ii) Raising tree seedlings	₹ 8,43,200.00
2	Plantation including tree guard & 2 years maintenance	₹ 10,00,000.00
3	Landscape development	₹ 6,00,000.00
4	Construction of culvert	₹ 7,50,000.00
5	Construction of water tank	₹ 7,00,000.00
6	Approach Road & walk trail	₹ 6,50,000.00
7	Construction of Main gate (Bamboo)	₹ 10,50,000.00
8	Construction of Toilet Complex (Bamboo Structure)	₹ 7,50,000.00
9	Construction of bamboo rest shade (2 nos.)	₹ 3,00,000.00
	Total	₹ 78,00,000.00

(Rupees seventy eight lakh) only

Prepared by:

Checked by:

Approved by:

M. Jitendra Kumar
Range Officer/H.C.
Central Forest Division
Govt. of Manipur

Assi. Conservator of Forest
Central Forest Division
Government of Manipur

Development of Biodiversity park at Khongampat under Langol Reserve Forest		
SN	Components / items	Proposed by User Agency
1	Development of Modern Nursery	₹ 10,00,000.00
2	Plantation with different species over the Hillock & surrounding areas (Nursery, Advance work, creation & 3 years Maintenance)	₹ 15,00,000.00
3	Land development of the foothills & surrounding area	₹ 4,00,000.00
4	Construction of compound Wall	₹ 15,00,000.00
5	Construction of Main gate (Bamboo)	₹ 10,50,000.00
6	Construction of Water Tank	₹ 7,00,000.00
7	Laying and providing approach path inside the Biodiversity park and shed	₹ 8,50,000.00
8	Conversion of the present low lying area into waterbody/ pond-construction of Rip-Rap along the embankment	₹ 5,17,500.00
	Bamboo Structures	
9	Construction of Toilet Complex	₹ 7,50,000.00
10	Construction of Bamboo Rest Shed (2 Nos)	₹ 3,00,000.00
11	Construction of Hilltop rest shed	₹ 1,50,000.00
12	Construction of foot-path from the foothills to hilltop	₹ 7,50,000.00
	Total	₹ 94,67,500.00

(Rupees ninety four lakh sixty seven thousand Five hundred) only

Prepared by:

M. Jibjit

Range Officer/H.Q
Central Forest Division.
Govt. of Manipur

Checked by:



Asst. Conservator of Forest
Central Forest Division
Government of Manipur

Approved by:

