

**GOVERNEMENT OF NAGALAND**  
**OFFICE OF THE DIVISIONAL FOREST OFFICER**  
**PEREN FOREST DIVISION**  
**JALUKIE NAGALAND**

NO. PRN-6/164/16-17/136

Dated Jalukie, the 7<sup>th</sup> June 2022

To,

General Manager (Projects) NHIDCL,  
PMU-Dimapur  
Nagaland

**Sub: Submission of CAMPA account details and revised requisite amount for NPV, CA and Avenue plantation**

Sir,

With reference to the subject cited above, I am submitting herewith the details of CAMPA account for requisite funds transfer through online portal.

**CAMPA Bank Account Details**

1. Account Name : **COMPENSATORY AFFORESTATION FUND MANAGEMENT AND PLANNING AUTHORITY NAGALAND**
2. ACCOUNT NO : **921010055723694**
3. IFSC : **UTIB0001867**
4. AXIS BANK, PR Hill Branch Kohima

**Requisite amount**

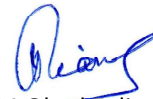
- |                                  |                |
|----------------------------------|----------------|
| 1. Net Present Value             | Rs. 5, 61, 000 |
| 2. Compensatory Afforesrestation | Rs. 1, 57, 541 |
| 3. <u>Avenue plantation</u>      | Rs. 45, 838    |
|                                  | Rs. 7, 64, 379 |

*(Rupees Seven lakh sixty four thousand three hundred seventy nine) only*

This is for favour of your kind information and necessary action.

Encl: Revised estimate for NPV, CA  
and Avenue Plantation

Yours faithfully



(M. Obed Zeliang)  
Divisional Forest Officer  
Peren Division : Jalukie

NO. PRN-6/164/16-17/

Dated Jalukie, the June 2022

Copy to:

1. The Addl. Principal Chief Conservator of Forests & Nodal Officer for FCA Nagaland Kohima
2. Office copy

Divisional Forest Officer  
Peren Division : Jalukie

## ANNEXURE - I

### NPV CALCULATION

#### 2-Laning of Maram-Peren-Dimapur section of NH-29A in the state of Nagaland (Package-I)

Sl. No	Forest Class	Area in Ha.	Rate per Eco-class of the forest area	Amount (Lakhs)
.	Area of forest land proposed to be diverted	0.45 ha.		
1	Eco-class of the forest land to be diverted	Class - I		
2	Vegetative density			
	(a) Dense Forest	0.183	14.37	2.63
	(b) Open Forest	0.267	11.17	2.98
3	Resultant cost of Net Present Value			5.61

**Total amount of NPV payable for 0.45 ha of forest land : Rs. 5,61,000/-**

*(Rupees Five lakh sixty one thousand) only*

Prepared by:

  
Nodal Officer  
FCA, Nagaland

  
(M. Obed Zeliang)  
Divisional Forest Officer  
Peren Forest Division,  
Jalukie : Nagaland  
**Divisional Forest Officer**  
**Peren Forest Division**  
**Jalukie : Nagaland**

## ANNEXURE - 2

### DETAILED COMPENSATORY AFFORESTATION SCHEME

1. Model of afforestation : Artificial Regeneration
2. Species proposed to be planted : Terminalia myriocarpa (Hollock)  
Prunus cerasoides (Cherry)
3. Implementing Agency : Department of Environment, Forests & Climate  
Change, Nagaland
4. Time scheduled : Advanced work and creation of plantation and  
maintenance upto 8 years.

#### **ANALYSIS OF PER HA RATE FOR VARIOUS WORK ITEMS UNDER COMPENSATORY AFFORESTATION TO BE TAKEN UP UNDER FOREST (CONSERVATION) ACT, 1980**

*(Rs. 380/- per manday)*

*(1100 plants per ha.)*

<i>Sl. No.</i>	<i>Item of work</i>	<i>Manday required (in No.)</i>	<i>Labour Component (in Rs.)</i>	<i>Material Component (in Rs.)</i>	<i>Cost/Ha (in Rs.)</i>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
<b>1</b>	<b>Advance works including nursery</b>				
	(a) Survey & demarcation including mapping	3	1140		1140
	(b) Area preparation by cutting grasses & shrubs	20	7600		7600
	(c) Fire line cutting, burning and maintenance	6	2280		2280
	(d) Clearance of site for nursery, preparation of nursery bed, filling of poly-bags, manuring, shed erection	20	7600		7600
	(e) Cost of seeds, poly-bags, implements etc	0		1890	1890
	(f) Treatment and sowing of seeds	5	1900		1900
	(g) Weeding & watering	11	4180		4180
	<b>Sub-Total</b>	<b>65</b>	<b>24700</b>	<b>1890</b>	<b>26590</b>
<b>2</b>	<b>Creation of plantation</b>				
	(a) Site preparation, alignment, preparation of stakes, digging of pits, preparation of planting materials, carriage to planting site, planting/sowing, construction of camp shed, inspection path, signboard and other misc. works	25	9500		9500
	(b) Weeding 3 times including gap filling and water & ward	67	25460		25460
	(c) Fire protection measures like fire line cutting, engagement of fire watchers	3	1140		1140
	<b>Sub-Total</b>	<b>95</b>	<b>36100</b>		<b>36100</b>

3	<b>Maintenance of Plantation</b>				
	<b><i>(i) Maintenance after 1<sup>st</sup> year</i></b>				
	(a) Weeding 3 times + gap filling (10+9+5)	24	9120		9120
	(b) Fire protection measures	3	1140		1140
	<b><i>Sub-Total</i></b>	<b>27</b>	<b>9120</b>		<b>9120</b>
	<b><i>(ii) Maintenance after 2 years</i></b>				
	(a) Weeding 2 times (10+5)	15	5700		5700
	(b) Fire protection measures	3	1140		1140
	Add 25% for anticipated revision of wage rate				1710
	<b><i>Sub-Total</i></b>		<b>6840</b>		<b>8550</b>
	<b><i>(iii) Maintenance after 3 years</i></b>				
	(a) Weeding 2 times (8+5)	13	4940		4940
	(b) Fire protection measures	3	1140		1140
	Add 25% for anticipated revision of wage rate				1520
	<b><i>Sub-Total</i></b>				<b>7600</b>
	<b><i>(iv) Maintenance after 4 years</i></b>				
	(c) Weeding 2 times (8+5)	13	4940		4940
	(d) Fire protection measures	3	1140		1140
	Add 50% for anticipated revision of wage rate				3040
	<b><i>Sub-Total</i></b>				<b>9120</b>
	<b><i>(v) Maintenance after 5 years</i></b>				
	(e) Weeding /tending	12	4560		4560
	(f) Fire protection measures	2	760		760
	Add 50% for anticipated revision of wage rate				2660
	<b><i>Sub-Total</i></b>				<b>7980</b>
	<b><i>(vi) Maintenance after 6 years</i></b>				
	(g) Weeding /tending	12	4560		4560
	(h) Fire protection measures	2	760		760
	Add 75% for anticipated revision of wage rate				3990
	<b><i>Sub-Total</i></b>				<b>9310</b>

	<b>(vii) Maintenance after 7 years</b>				
	(i) Weeding /tending	10	3800		3800
	(j) Fire protection measures	2	760		760
	Add 75% for anticipated revision of wage rate				3420
	<b>Sub-Total</b>				<b>7980</b>
	<b>(viii) Maintenance after 8 years</b>				
	(k) Weeding /tending	10	3800		3800
	(l) Fire protection measures	2	760		760
	Add 100% for anticipated revision of wage rate				4560
	<b>Sub-Total</b>				<b>9120</b>
	<b>Total of Plantation Cost</b>	<b>289</b>		<b>1890</b>	<b>132610</b>
4	Soil & Moisture Conservation measures including construction of check dams, gully plugging, contour trenching, water harvesting structures etc. whatever necessary within the project area (15% of plantation cost)				19892
5	Fencing (5% of plantation cost)				6631
6	Monitoring & Evaluation (2% of plantation cost)				2652
7	Overheads (10% of plantation cost)				13261
	<b>Grand Total</b>				<b>175046</b>

Resultant cost of CA for widening of NH29A (package-I) – Deem Forest area

(0.90 x 175046) = Rs. 1,57,541/-

*(Rupees One lakh fifty seven thousand five hundred forty one) only*

*Prepared by*

  
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### **ANNEXURE – 3**

#### **ESTIMATE FOR CARRYING OUT AVENUE PTANTATION ALONG NH-29A ROAD, PACKAGE-I (DEEMED FOREST AREA)**

1. Project Name : 2-laning of Peren-Jalukie section on NH-129A Engineering,  
Procurement and construction mode in the state of  
Nagaland.
2. Species proposed to be  
Planted : Prunus cerasoides (Cherry)
3. Implementing Agency : Department of Environment, Forests & Climate Change,  
Nagaland
4. Time scheduled : Advanced work, creation of plantation and maintenance  
upto 3 yrs
- (Rs.380 /- per manday) (1100 plants per ha/1100 plants per 3 km)  
(Spacing 3X3 m)

<i><b>Sl. No.</b></i>	<i><b>Item of work</b></i>	<i><b>Manday required (in No.)</b></i>	<i><b>Labour Component (in Rs.)</b></i>	<i><b>Material Component (in Rs.)</b></i>	<i><b>Total cost per seedling (in Rs.)</b></i>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
<b>1</b>	<b>Advance works including nursery</b>				
	(a) Survey & demarcation of Nursery site and planting site	12	4560	-	4560
	(b) Preparation of nursery bed, shed erection with netlon	20	7600		7600
	(c) Cost of seed			2700	2700
	(d) Cost of materials like poly bags, netlon and fertilizers etc.			8100	8100
	(e) Pre-treatment of seeds including cost of fungicides, fumigants, soil sterilants etc	17	6460		6460
	(f) Sowing of seeds and weeding, watering	16	6080	-	6080
	(g) Fire protection	5	1900	-	1900
	<b>Sub-Total</b>	<b>70</b>	<b>26600</b>	<b>10800</b>	<b>37400</b>
<b>2</b>	<b>Creation of plantation</b>				
	(a) Alignment, preparation of stakes, digging of pits, preparation of planting materials, carriage to planting sites, planting/sowing, construction of camp sheds, inspection parts, signboards and other misc. works	40	15200	-	15200
	(b) Weeding 4 times including vacancy filling (30+20+20+20)	90	34200	-	34200
	(c) Fire protection measures ward and Watch (5+5)	10	3800	-	3800

	(d) Manurins & Watering	10	3800		3800
	(e) Cost of manures/fertilizers			5400	5400
	(f) Fencing /tree guard (Local materials) including subsequent maintenance.	-	-	37800	37800
	<b>Sub-Total</b>	<b>150</b>	<b>57000</b>	<b>43200</b>	<b>100200</b>
<b>3</b>	<b>Maintenance of Plantation</b>				
	<b>(i) Maintenance after 1<sup>st</sup> year</b>				
	(c) Weeding 3 times including vacancy filling, manuring & watering (20+20+20+10)	70	26600		26600
	(d) Fire protection measures & watch and ward (5+5)	10	3800		3800
	(e) Cost of manures/fertilizers	-	-	5400	5400
	(f) Signboard and labeling etc	-	-	5400	5400
	<b>Sub-Total</b>	<b>80</b>	<b>30400</b>	<b>10800</b>	<b>41200</b>
	<b>(ii) Maintenance after 2 years</b>				
	(c) Weeding 2 times vacancy filling, manuring & watering (15+15+10+10)	50	19000	-	19000
	(d) Fire protection measures & watch and ward (5+5)	10	3800	-	3800
	(e) Cost of fertilizers/manures	-	-	5400	5400
	<b>Sub-Total</b>	<b>60</b>	<b>22800</b>	<b>5400</b>	<b>28200</b>
	<b>(iii) Maintenance after 3 years</b>				
	(a) Weeding 2 times vacancy filling, manuring & watering (15+15+10+10)	50	19000	-	19000
	(b) Fire protection measures & watch and ward (5+5)	10	3800	-	3800
	(c) Cost of fertilizers/manures	-	-	5400	5400
	<b>Sub-Total</b>	<b>60</b>	<b>22800</b>	<b>5400</b>	<b>28200</b>
	<b>(iv) Maintenance after 4 years</b>				
	(a) Weeding 2 times vacancy filling, manuring & watering (15+15+10+10)	50	19000	-	19000
	(b) Fire protection measures & watch and ward (5+5)	10	3800	-	3800
	(c) Cost of fertilizers/manures	-	-	5400	5400
	<b>Sub-Total</b>	<b>60</b>	<b>22800</b>	<b>5400</b>	<b>28200</b>
	<b>(v) Maintenance after 5 years</b>				
	(a) Weeding 2 times vacancy filling, manuring & watering (15+15+10+10)	50	19000	-	19000

	(b) Fire protection measures & watch and ward (5+5)	10	3800	-	3800
	(c) Cost of fertilizers/manures	-	-	5400	5400
	<b>Sub-Total</b>	<b>60</b>	<b>22800</b>	<b>5400</b>	<b>28200</b>
	<b>(vi) Maintenance after 6 years</b>				
	(a) Weeding 2 times vacancy filling, manuring & watering (15+15+10+10)	50	19000	-	19000
	(b) Fire protection measures & watch and ward (5+5)	10	3800	-	3800
	(c) Cost of fertilizers/manures	-	-	5400	5400
	<b>Sub-Total</b>	<b>60</b>	<b>22800</b>	<b>5400</b>	<b>28200</b>
	<b>Grand Total</b>	<b>600</b>	<b>228000</b>	<b>91800</b>	<b>319800</b>

Length of the proposed road for diversion of forest land for Widening of NH-129A ( Package-I) -  
Deem forest area = 0.43 km (For 3 x 3m spacing, 1100 plants could be planted on 3 kms)

Component wise breakup				
Sl. No.	Component	Forest Land (ha.)	Non-Forest Land (ha.)	Length (in km)
1	Road Ch 124+020 to 124+450	0.45		0.43

Hence, cost of raising Avenue Plantation along 0.51 km =  $\frac{0.43 \times 319800}{3}$  = Rs. 45,838/-

(Rupees Forty five thousand eight hundred thirty eight) only

**Prepared by**

  
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