



**By E-Mail**

**OFFICE OF THE FIELD DIRECTOR, SIMILIPAL TIGER RESERVE  
-CUM - REGIONAL CHIEF CONSERVATOR OF FORESTS, BARIPADA**

Phone No-(06792) 259126, Fax-256705 E-mail : [rccf.baripada@odisha.gov.in](mailto:rccf.baripada@odisha.gov.in)

Memo No. 2266 /3F-25/2022  
Dated, Baripada the 22<sup>th</sup> July, 2022.

To

The Divisional Forest Officer,  
Rairangpur Division.

Sub: -

Diversion of 7.8199ha forest land for Widening and Strengthening of existing road to two lane with 1.5m wide paved shoulder on either side from Km 35/700 to Km 71/120 of NH-220 of Rairangpur to Jashipur Section coming within Rairangpur & Karanjia Forest Division within the jurisdiction of Mayurbhanj District in the State of Odisha-**Approval of Scheme of Avenue Plantation.**

Ref:-


Your memo no.1535, dt.02.03.2022 and memo no.3485, dt.11.07.2022 and No.1208, dt.06.06.2022 of Executive, Engineer, NH Division, Baripada.

It is to inform you that for compliance of Condition no.2(x)(b) of Stage-I approval accorded by the GoI, MoEF&CC, ERO, Bhubaneswar vide his no.5-ORC358/2018-BHU, dt.18.07.2018 for the above project, the Scheme of Avenue Plantation of 3726nos. seedlings with gabions made of iron wire mesh with 3(Three) years maintenance was approved at a total financial outlay of Rs.1,00,04,748.00 at the wage rate of Rs.315.00 per man day vide this office memo no.817, dt.16.03.2022 as per your scheme submitted vide your memo no.1535, dt.02.03.2022. But, as per request of the Executive Engineer, N.H. Division, Baripada vide his no.1208, dt.06.06.2022, you have submitted the revised scheme of Avenue Plantation with gabion made of bamboo twigs for 3725nos. seedlings with 3(Three) years maintenance at the current wage rate of Rs.326.00 per manday for Rs.37,22,705.00 vide your memo no.3485, dt.11.07.2022 for approval.

Considering your revised proposal submitted vide your memo no.3485, dt.11.07.2022, **Scheme of Avenue Plantation with gabion made of bamboo twigs for 3725nos. seedlings with 3(Three) years maintenance for Rs.37,22,705.00(Rupees Thirty Seven Lakh Twenty Two Thousand Seven Hundred Five) only at the current wage rate of Rs.326.00 per manday is hereby approved.** A copy of the approved scheme is enclosed herewith for your information and necessary action.

You are, requested to raise demand to the user agency to deposit the cost of Avenue Plantation through web portal of MoEF & CC. You, are also requested to submit compliance of Stage-I approval alongwith the supporting documents duly ink signed and seal by the User Agency and DFO, Rairangpur to this office at an early date for further compliance. You are requested to submit the particulars of the funds deposited by the User Agency in 12-point CAMPA format alongwith your compliance report.

Encl:-As above.

  
I/c Field Director, Similipal Tiger Reserve  
-Cum-Regional CCF, Baripada.


Memo No. 2767 /Dt 22-07-2022

Copy alongwith a copy of the approved financial outlay of Avenue Plantation Scheme of Rairangpur Forest Division forwarded to the Chief Conservator of Forests (Forest Diversion & Nodal Officer, FC Act.), O/o the Principal Chief Conservator of Forests & HoFF, Odisha, Bhubaneswar for favour of information and necessary action.

  
I/c Field Director, Similipal Tiger Reserve  
-Cum-Regional CCF, Baripada.

Memo No. 2768 /Dt 22-07-2022

Copy forwarded to the Executive Engineer, N.H. Division, Baripada, e-mail-eehbbaripada@yahoo.in for information and necessary action with reference to memo no.3487, dt.11.07.2022 of Divisional Forest Officer, Rairangpur Division.

  
I/c Field Director, Similipal Tiger Reserve  
-Cum-Regional CCF, Baripada.



# COST NORM FOR RAISING OF 1000 SEEDLINS (18 MONTHS)

**Wage rate @ Rs.326 /- per Manday**

Name of Division:- RAIRANGPUR FOREST DIVISION		Cost Norm for -					1000	Seedlings
No.	Name of work	Preferable period of execution	Unit	Unit Cost	No. /Qty	Labour Cost (in Rs.)	Material cost (in Rs.)	Total Cost (in Rs.)
1	2	3	4			6	7	8

## A. 1st Financial Year (Seedling Cost for 3 months)

1	Cost of Polythene (9"X5"X200 gauge) 300 Nos./Kg=3.33 kg @ Rs.208/- per Kg. (Including GST)	Nov-Dec	KG	208	3.33	0.00	693.00	693.00
2	Procurement of raw & crude polypot Mixture (Soil, Sand & CDM in ratio (2:1:1))							
i)	Soil	Nov-Dec	cft	10	22	0.00	220.00	220.00
ii)	Sand	Nov-Dec	cft	16	11	0.00	176.00	176.00
iii)	CDM / Vermi Compost / Bio- Fertilizers etc.	Nov-Dec	cft	25	11	0.00	275.00	275.00
v)	Insecticide / Bio- Pesticide	Nov-Dec	Kg	150	2	0.00	300.00	300.00
3	Preparation of Soil Mixture includes Pulverisation and Straining & mixing the ingredients in proper ratio (2:1:1)	Nov-Dec	MD	326	2	652.00	0.00	652.00
4	Filling of polythene bages & setting in the bed	Nov-Dec	MD	326	3	978.00	0.00	978.00
5	Collection of Seeds, Grading & Treatment	Dec	MD	326	2	652.00	0.00	652.00
6	Preparation of Germination Bed, Dibbling / Transplanting and Provision of Shed (Including Cost of Straw, Bamboo Split etc..)	Jan	MD	326	0.5	163.00	0.00	163.00
7	Dibbling of seeds / pricking out the seedlings from ger mination beds & transplanting in the poly bags and providing sheds	Jan-March	MD	326	2	652.00	500.00	1152.00
8	Watering (Jan to March)	Jan-March	MD	326	9	2934.00	0.00	2934.00
9	Maintenance of Nursery including fencing	April-June	MD	326	4	1304.00	500.00	1804.00
10	Contingencies (Water Can, Buckets, Bursery Shed etc.)	May-June		0	0	0.00	460.50	460.50
11	Pump set / Maintenance of Nursery, etc)			0	0	0.00	0.00	0.00
	<b>TOTAL</b>				<b>22.5</b>	<b>7335.00</b>	<b>3124.50</b>	<b>10459.50</b>

## B. 2nd Financial Year (Shifting of Seedlings to Larger Polythene bags to avoid root coiling and better growth) April - March

1	Watering for 3 months (April to June)	April-June	MD	326	9	2934.00	0.00	2934.00
2	Cost of insecticide / Bio- Pesticide	May-June	Kg/ Lt	0	0		400.00	400.00
3	Application of insecticide / Bio - Pesticide	May-June	MD	326	1	326.00	0.00	326.00
4	Cost of Poly pot (12' X 10" X 300 gauge) 60 nos. / Kg= 17 Kg & Rs. 28 Per Kg (Incl. GST)	May-June	Kg	208	17		3536.00	3536.00
	Procurement of raw & crude polypot Mixture (Soil, Sand & CDM in ratio (2:1:1))							0.00
i)	Soil	Apr/May	Cft	10	100		1000.00	1000.00
	Sand	Apr/May	Cft	16	50		800.00	800.00
	CDM / Vermi Compost / Bio- Fertilizers etc.	Apr/May	Cft	25	50		1250.00	1250.00
	Insecticide / Bio- Pesticide	Apr/May	Kg	150	3		450.00	450.00
i	Preparation of Soil Mixture includes Pulverisation and Straining	Oct-Nov	MD	326	6	1956.00	0.00	1956.00
	Filling of polythene bages & setting in the bed	Oct-Nov	MD	326	35	11410.00	0.00	11410.00
	Watering	Oct-Mar	MD	326	19	6194.00	0.00	6194.00
	Sorting, Weeding, grading & resetting over 1 year period	Apr-Mar	MD	326	15	4890.00	0.00	4890.00
10	Contingencies (Water Can, Buckets, Bursery Shed etc.)						400.00	400.00
	<b>Total</b>				<b>85</b>	<b>27710.00</b>	<b>7836.00</b>	<b>35546.00</b>

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C.3rd Financial Year (Maintenance upto Planting) April- June

1	Watering for 3 months	Apr-Jun	MD	326	12	3912.00	0.00	3912.00
2	Weedling, Shifting & grading	Apr-Jun	MD	326	4	1304.00	0.00	1304.00
3	Cost of insecticides / Bio-Pesticide						400.00	400.00
4	Application of insecticide / Bio - Pesticide		MD	326	1	326.00	0.00	326.00
5	Contingencies						230.00	230.00
	Total				17	5542.00	630.00	6172.00

ABSTRACT for cost of 18th months Seedlings

ITEM OF WORK	Labout in Mandays	Labour Const (Rs.)	Material Cost (Rs)	Total Cost (Rs.)
1st Financial Year (3 months)	22.5	7335	3124.5	10459.5
2nd Financial Year (12 months)	85	27710	7836	35546
3rd Financial Year (3 months)	17	5542	630	6172
Total	124.5	40587	11590.5	52177.5

st per 18 months old seedling =  $52177.50 / 1000 = \text{Rs.} 52.18$

*H. S. S. S.*  
Divisional Forest Officer,  
Rairangpur Division.



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## ANNEXURE - 2

COST NORM FOR RAISING OF AVENUE PLANTATION (18 Months Old Seedling) (500 plants, spacing with 4 metres between plants & 2.5 mtr between Rows in Staggered Manner)						
Wage rate @ Rs. 326/- per Manday						
Sl. No.	Item of work	Preferable Period of Execution	No. of Mandays	Labour Cost (Rs.)	Material Cost (Rs.)	Total Cost (Rs.)
<b>A. 0th Year (Advance Work)</b>						
1	Survey, demarcation, site preparation, alignment & stacking	Feb-Mar	6	1956	200	2156
2	Digging of pits ( 45 cm x 45 cm x 45 cm ) / 50 cm diameter augur hole	Feb-Mar	20	6520	0	6520
	Total		26	8476	200	8676
3	Monitoring, Evaluation, Learning, Documentation & any other Contingency upto 5% of the total cost.					434
	Grand Total					9110
<b>B. 1<sup>st</sup> Year / Plantaing Year</b>						
1	Cost of transportation of seedlings in hired truck / tractor from the Permanent / Mega nursery to planting site including loading & unloading. (Average lead of 10 Rkm ) to the site of plantating @ Rs. 6 per seedling (500 + 50 = 550 nos.)		0	0	3300	3300
2	A. Organic compounds/ CDM/FYM/ Vermicompost (250 cft. @ 0.5 cft per pit) @ Rs. 25.00 per cft. = Rs. 6250/- B. Basal dose NPK/Bio-Fertilizer @ 50 gms/per plant = 25Kg @ Rs.30/- kg = Rs.750/- C. Insecticide/Bio Pesticide @ 5 gms per pit =2.50Kg @ Rs.150/-per kg =Rs.375/- D. Urea /DAP/Bio-Fertilizer in two subsequent doses=Rs.1600/-	June-July		0	8975	8975
3	Planting of seedlings after careful removal from polybags including mixing of FYM/CDM, Vermicompost, Insecticide/NPK/Bio Fertilizer and scooping the soil and pressing the soil around the plant	July-August	11	3586		3586
4	Casualty Replacement @ 10%	July-August	2	652	0	652
5	1st Weeding within 0.5 mtr radius around the plant & manuring	Aug/Sep	16	5216	0	5216
6	Weeding, Soil working ( 15 cm deep & 0.5 mtr radius around the plant) and application of fertilizer (Urea/DAP/Bio Fertilizer etc.)	Oct/Nov	20	6520		6520
7	Provision of soil & water conservation measures by providing circular trench in flat land & half moon trench in slope area at a distance of 0.5 mt from the plant	Sept-Oct	6	1956	0	1956
8	Watering 1 <sup>st</sup> Dec to 31 <sup>st</sup> March (4 months) (10 days per month) including labour, transportation, hire charges of tractor/tanker @ Rs.65.00 per seedling	Dec-March	0	0	32500	32500
9	Watch & Ward July to March 270 days per RKM	July-March	60	19560	0	19560
	Total		115	37490	44775	82265
10	Monitoring, Evaluation, Learning, Documentation & any other Contingency upto 5% of the total cost.					4113
	Grand Total					86378
1	Gabion made up of bamboo twigs @Rs.285/- per plant (500)					142500

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Sl. No.	Item of work	Preferable Period of Execution	No. of Mandays	Labour Cost (Rs.)	Material Cost (Rs.)	Total Cost (Rs.)
<b>C. 2nd Year Maintenance</b>						
1	Transportation of 50 seedlings from Nursery to plantation site including loading, unloading & conveyance by Tractor @ Rs.6/- per seedling	Jul	0		300	300
2	10% casualty replacement	July-August	2	652		652
3	Weeding, Soil working and application of fertilizer (Insecticide/NPK/DAP/Bio Fertilizer etc.)	Sep-Oct	30	9780	3200	12980
4	Watering 1 <sup>st</sup> April to 15 <sup>th</sup> June & 1st Dec to 31 <sup>st</sup> March (195 days) including labour (5 days per month), transportation, hire charges of tractor/tanker @Rs.55.00 per seedling	April-15th June December-March	0	0	27500	27500
5	Watch & Ward April-March (365 days) per RKM	April-March	80	26080	0	26080
	<b>Total</b>		<b>112</b>	<b>36512</b>	<b>31000</b>	<b>67512</b>
6	Monitoring, Evaluation, Learning, Documentation & any other Contingency upto 5% of the total cost.					3376
	<b>Grand Total</b>					<b>70888</b>
1	Gabion made up of Bamboo twigs/Agro Net/HDPE Hexagone @Rs.42/- per plant					
2	Gabion made up of Bamboo twigs @Rs.42/- per plant (Applicable) (500)					21000
<b>D. 3rd Year Maintenance</b>						
1	Maintenance of plants including cultural operations, weeding & soil working	Sep-Oct	20	6520	0	6520
2	Watch & Ward April-March (365 days) per RKM	April-March	80	26080	0	26080
	<b>Total</b>		<b>100</b>	<b>32600</b>	<b>0</b>	<b>32600</b>
3	Monitoring, Evaluation, Learning, Documentation & any other Contingency upto 5% of the total cost.					1630
	<b>Grand Total</b>					<b>34230</b>
<b>Additional Cost towards maintenance of Fencing</b>						
1	Gabion made up of bamboo twigs @Rs.42/- per plant x 500 nos					21000

<b>ABSTRACT of Avenue Plantation</b>							
Sl. No.	Item of work	No. of Mandays	Labour Cost (Rs.)	Material Cost (Rs.)	MELD & Other Contingency	Seedling Cost (Rs.)	Total Cost (Rs.)
1	0th year	26	8476	200	434	0	9110
2	1st year seedling cost @ Rs.52.18	115	37490	44775	4113	28699	115077
3	2nd year Maintenance	112	36512	31000	3376	2609	73497
4	3rd year Maintenance	100	32600	0	1630	0	34230
	Gabion made up of Bmboo twigs (1st year @285/- + 2nd @42/- + 3rd year @42/-) Total comes to Rs.369/- / per gabion	0	0	0	0	0	184500
	<b>Grand Total for 500 nos of Plants</b>	<b>353</b>	<b>115078</b>	<b>75975</b>	<b>9553</b>	<b>31308</b>	<b>416414</b>
	3725 Nos x @ 832.82/- per seedlings to be planted						3102254.50
	Add escalation Charges @20%						620450.90
	<b>Total-</b>						<b>3722705.40</b>
	<b>Or Rounded to say that-</b>						<b>3722705.00</b>

**Rupees (Thirty Seven Lakh Twenty Two Thousand Seven Hundred Five)only**

Approval bore Rs. 37,22,705.00  
(Rupees Thirtyseven Lakh Twentytwo thousand-  
seven hundred five) only is hereby accorded.

*N. K. Singh*  
Divisional Forest Officer,  
Raipur Division.

J. C. Field Director, Similipal Tiger Reserve  
Cum-Regional C.C.F. Baripada.





By-Email

**ବନରାଜ୍ୟ ଅଧିକାରୀଙ୍କ କା-ପ୍ୟାକ-ଏ, ରାଉରକାଞ୍ଚା ବନରାଜ୍ୟ**  
**OFFICE OF THE DIVISIONAL FOREST OFFICER, RAIRANGPUR DIVISION**  
 Tel. No.:- (06794) - 222036 (O) - 222008 (R) FAX No.:- (06794) - 222836, e-mail:-dforrp@gmail.com

Letter No. 3795 /3F/ Dt. 26-07-2022

To

The Executive Engineer,  
N.H. Division Baripada.

Sub:-

Diversion of 7.8199 ha. of forest land for widening and strengthening of existing double lane road to two laned with 1.5 Mtr. wide paved shoulder on either side from Km 35/700 to Km 71/120 of NH-220 of Rairangpur to Jashipur Section coming within Rairangpur and Karanjia Forest Division within Jurisdiction of Mayurbhanj District in the State of Odisha - Regarding payment for Avenue Plantation Scheme @ Rs. 326/- per mandays.

Ref:-

Memo No. 2768 dt.22.07.2022 O/o the FD, STR -Cum- RCCF, Baripada.

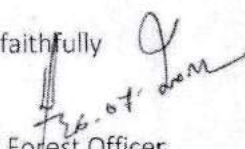
Sir,

With reference to the above cited memo on the captioned subject, you are requested to deposit for the scheme of Avenue Plantation with gabion made of bamboo twigs for 3725 nos. seedling with 3 (three) year maintenance for Rs.37,22,705 /- (Rupees Thirty Seven Lakh Twenty two Thousand Seven Hundred Five) Only at the current wage rate of @ 326/- per mandays approved vide Memo No. 2766 dt.22.07.2022 of the FD, STR -Cum- RCCF, Baripada.

So, the deposit particulars made in online CAMPA Account and the copy of e-challan bearing seal and signature of the Bank, UTR No. and compliances of Stage- I approval alongwith the supporting documents duly ink signed & seal by the User Agency to the undersigned, may please be sent to this office immediately for further needful action at this end.

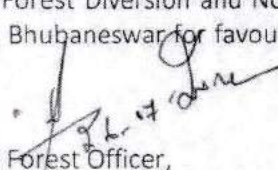
This may be treated as urgent.

Yours faithfully

  
Divisional Forest Officer,  
Rairangpur Division.

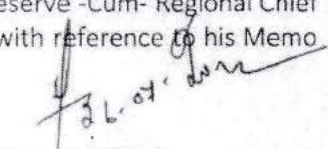
Memo No. 3796 /3F/ Dt. 26-07-2022

Copy submitted to the Chief Conservator of Forests, Forest Diversion and Nodal Officer, F.C. Act O/o the Principal Chief Conservator of Forests, Odisha, Bhubaneswar for favour of kind information and necessary action.

  
Divisional Forest Officer,  
Rairangpur Division.

Memo No. 3797 /3F/ Dt. 26-07-2022

Copy submitted to the Field Director, Similipal Tiger Reserve -Cum- Regional Chief Conservator of Forests, Baripada for information and necessary action with reference to his Memo No.2768 dt.22.07.2022.

  
Divisional Forest Officer,  
Rairangpur Division.





**By E-Mail**

**OFFICE OF THE FIELD DIRECTOR, SIMILIPAL TIGER RESERVE  
-CUM - REGIONAL CHIEF CONSERVATOR OF FORESTS, BARIPADA**

Phone No-(06792) 259126, Fax-256705 E-mail : [rccf.baripada@odisha.gov.in](mailto:rccf.baripada@odisha.gov.in)

Memo No. 2269/3F-25/2022  
Dated, Baripada the 22<sup>th</sup> July, 2022.

To

The Divisional Forest Officer,  
Karanjia Division.

Sub: -

Diversion of 7.8199ha forest land for Widening and Strengthening of existing road to two lane with 1.5m wide paved shoulder on either side from Km 35/700 to Km 71/120 of NH-220 of Rairangpur to Jashipur Section coming within Rairangpur & Karanjia Forest Division within the jurisdiction of Mayurbhanj District in the State of Odisha-**Approval of Scheme of Avenue Plantation.**

Ref:-

Your memo no.1337, dt.03.03.2022 and memo no.3524, dt.16.07.2022 and No.1208, dt.06.06.2022 of Executive, Engineer, NH Division, Baripada.

It is to inform you that for compliance of Condition no.2(x)(b) of Stage-I approval accorded by the GoI, MoEF&CC, ERO, Bhubaneswar vide his no.5-ORC358/2018-BHU, dt.18.07.2018 for the above project, the Scheme of Avenue Plantation of 4850nos. seedlings with gabions made of iron wire mesh with 3(Three) years maintenance was approved at a total financial outlay of Rs.1,30,22,810.00 at the wage rate of Rs.315.00 per man day vide this office memo no.814, dt.16.03.2022 as per your scheme submitted vide your memo no:1337, dt.03.03.2022. But, as per request of the Executive Engineer, N.H. Division, Baripada vide his no.1208, dt.06.06.2022, you have submitted the revised scheme of Avenue Plantation with gabion made of bamboo twigs for 4850nos. seedlings with 3(Three) years maintenance at the current wage rate of Rs.326.00 per manday for Rs.48,47,012.00 vide your memo no.3524, dt.16.07.2022 for approval.

Considering your revised proposal submitted vide your memo no.3524, dt.16.07.2022, **Scheme of Avenue Plantation with gabion made of bamboo twigs for 4850nos. seedlings with 3(Three) years maintenance for Rs.48,47,012.00(Rupees Forty Eight Lakh Forty Seven Thousand Twelve) only at the current wage rate of Rs.326.00 per manday is hereby approved.** A copy of the approved scheme is enclosed herewith for your information and necessary action.



You are, requested to raise demand to the user agency to deposit the cost of Avenue Plantation through web portal of MoEF & CC. You, are also requested to submit compliance of Stage-I approval alongwith the supporting documents duly ink signed and seal by the User Agency and DFO, Karanjia to this office at an early date for further compliance. You are requested to submit the particulars of the funds deposited by the User Agency in 12-point CAMPA format alongwith your compliance report.

Encl:-As above.

  
I/c Field Director, Similipal Tiger Reserve  
-Cum-Regional CCF, Baripada.

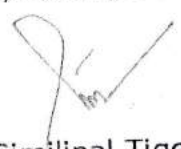
Memo No. 2770 /Dt 22-07-2022

Copy alongwith a copy of the approved financial outlay of Avenue Plantation Scheme of Karanjia Forest Division forwarded to the Chief Conservator of Forests (Forest Diversion & Nodal Officer, FC Act.), O/o the Principal Chief Conservator of Forests & HoFF, Odisha, Bhubaneswar for favour of information and necessary action.

  
I/c Field Director, Similipal Tiger Reserve  
-Cum-Regional CCF, Baripada.

Memo No. 2771 /Dt 22-07-2022

Copy forwarded to the Executive Engineer, N.H. Division, Baripada, e-mail-eeenhbaripada@yahoo.in for information and necessary action with reference to memo no.3525, dt.16.07.2022 of Divisional Forest Officer, Karanjia Division.

  
I/c Field Director, Similipal Tiger Reserve  
-Cum-Regional CCF, Baripada.

# COST NORM FOR RAISING OF 1000 SEEDLINS (18 MONTHS)

**Wage rate @ Rs.326 /- per Manday**

Name of Division:- KARANJIA FOREST DIVISION		Cost Norm for -				1000	Seedlings
Name of work	Preferable period of execution	Unit	Unit Cost	No. /Qty	Labour Cost (in Rs.)	Material cost (in Rs.)	Total Cost (in Rs.)
2	3	4			6	7	8
<b>A. 1st Financial Year (Seedling Cost for 3 months)</b>							
Cost of Polythene (9"X5"X200 gauge) 300 Nos./Kg=3.33 kg @ Rs.208/- per Kg. (Including GST)	Nov-Dec	KG	208	3.33	0.00	693.00	693.00
Procurement of raw & crude polypot Mixture (Soil, Sand & CDM in ratio (2:1:1))							
Soil	Nov-Dec	cft	10	22	0.00	220.00	220.00
Sand	Nov-Dec	cft	16	11	0.00	176.00	176.00
CDM / Vermi Compost / Bio- Fertilizers etc.	Nov-Dec	cft	25	11	0.00	275.00	275.00
Insecticide / Bio- Pesticide	Nov-Dec	Kg	150	2	0.00	300.00	300.00
Preparation of Soil Mixture includes Pulverisation and Straining & mixing the ingredients in proper ratio (2:1:1)	Nov-Dec	MD	326	2	652.00	0.00	652.00
Filling of polythene bages & setting in the bed	Nov-Dec	MD	326	3	978.00	0.00	978.00
Collection of Seeds, Grading & Treatment	Dec	MD	326	2	652.00	0.00	652.00
Preparation of Germination Bed, Dibbling / Transplanting and Provision of Shed (Including Cost of Straw, Bamboo Split etc..)	Jan	MD	326	0.5	163.00	0.00	163.00
Dibbling of seeds / pricking out the seedlings from germination beds & transplanting in the poly bags and providing sheds	Jan-March	MD	326	2	652.00	500.00	1152.00
Watering (Jan to March)	Jan-March	MD	326	9	2934.00	0.00	2934.00
Maintenance of Nursery including fencing	April-	MD	326	4	1304.00	500.00	1804.00
Contingencies (Water Can, Buckets, Bursery Shed etc.)	May-June		0	0	0.00	460.50	460.50
Pump set / Maintenance of Nursery, etc)			0	0	0.00	0.00	0.00
<b>TOTAL</b>				22.5	7335.00	3124.50	10459.50
<b>B. 2nd Financial Year (Shifting of Seedlings to Larger Polythene bags to avoid root coiling and better growth) April - March</b>							
Watering for 3 months (April to June)	April-	MD	326	9	2934.00	0.00	2934.00
Cost of insecticide / Bio- Pesticide	May-June	Kg/ Lt	0	0		400.00	400.00
Application of insecticide / Bio - Pesticide	May-June	MD	326	1	326.00	0.00	326.00
Cost of Poly pot (12' X 10" X 300 gauge) 60 nos. / Kg= 17 Kg & Rs. 28 Per Kg (Incl. GST)	May-June	Kg	208	17		3536.00	3536.00
Procurement of raw & crude polypot Mixture (Soil, Sand & CDM in ratio (2:1:1))							0.00
Soil	Apr/May	Cft	10	100		1000.00	1000.00
Sand	Apr/May	Cft	16	50		800.00	800.00
CDM / Vermi Compost / Bio- Fertilizers etc.	Apr/May	Cft	25	50		1250.00	1250.00
Insecticide / Bio- Pesticide	Apr/May	Kg	150	3		450.00	450.00
Preparation of Soil Mixture includes Pulverisation and	Oct-Nov	MD	326	6	1956.00	0.00	1956.00
Filling of polythene bages & setting in the bed	Oct-Nov	MD	326	35	11410.00	0.00	11410.00
Watering	Oct-Mar	MD	326	19	6194.00	0.00	6194.00
Sorting, Weeding, grading & resetting over 1 year period	Apr-Mar	MD	326	15	4890.00	0.00	4890.00
Contingencies (Water Can, Buckets, Bursery Shed etc.)						400.00	400.00
<b>Total</b>				85	27710.00	7836.00	35546.00




**C.3rd Financial Year (Maintenance upto Planting) April- June**

Watering for 3 months	Apr-Jun	MD	326	12	3912.00	0.00	3912.00
Weedling, Shifting & grading	Apr-Jun	MD	326	4	1304.00	0.00	1304.00
Cost of insecticides / Bio-Pesticide						400.00	400.00
Application of insecticide / Bio - Pesticide		MD	326	1	326.00	0.00	326.00
Contingencies						230.00	230.00
<b>Total</b>				17	5542.00	630.00	6172.00

**ABSTRACT for cost of 18th months Seedlings**

ITEM OF WORK	Labout in Mandays	Labour Const (Rs.)	Material Cost (Rs)	Total Cost (Rs.)
1st Financial Year (3 months)	22.5	7335	3124.5	10460
2nd Financial Year (12 months)	85	27710	7836	35546
3rd Financial Year (3 months)	17	5542	630	6172
<b>Total</b>	124.5	40587	11590.5	52178

Cost per 18 months old seedling =  $52177.50 / 1000 = \text{Rs.}52.18$

  
 Divisional Forest Officer,  
 Karanjia Division.

## ANNEXURE - 2

### COST NORM FOR RAISING OF AVENUE PLANTATION (18 Months Old Seedling) (500 plants, spacing with 4 metres between plants & 2.5 mtr between Rows in Staggered Manner)

Wage rate @ Rs. 326/- per Manday

Sl. No.	Item of work	Preferable Period of Execution	No. of Mandays	Labour Cost (Rs.)	Material Cost (Rs.)	Total Cost (Rs.)
<b>A. 0th Year (Advance Work)</b>						
1	Survey, demarcation, site preparation, alignment & stacking	Feb-Mar	6	1956	200	2156
2	Digging of pits ( 45 cm x 45 cm x 45 cm ) / 50 cm diameter au	Feb-Mar	20	6520	0	6520
	Total		26	8476	200	8676
3	Monitoring, Evaluation, Learning, Documentation & any other Contingency upto 5% of the total cost.					434
	<b>Grand Total</b>					<b>9110</b>
<b>B. 1<sup>st</sup> Year / Plantaing Year</b>						
1	Cost of transportation of seedlings in hired truck / tractor from the Permanent / Mega nursery to planting site including loading & unloading. (Average lead of 10 Rkm ) to the site of plantating @ Rs. 6 per seedling (500 + 50 = 550 nos.)		0	0	3300	3300
2	A. Organic compounds/ CDM/FYM/ Vermicompost (250 cft. @ 0.5 cft per pit) @ Rs. 25.00 per cft. = Rs. 6250/- B. Basal dose NPK/Bio-Fertilizer @ 50 gms/per plant = 25Kg @ Rs.30/- kg = Rs.750/- C. Insecticide/Bio Pesticide @ 5 gms per pit =2.50Kg @ Rs.150/-per kg =Rs.375/- D. Urea /DAP/Bio-Fertilizer in two subsequent	June-July		0	8975	8975
3	Planting of seedlings after careful removal from polybags including mixing of FYM/CDM, Vermicompost, Insecticide/NPK/Bio Fertilizer and scooping the soil and pressing the soil around the plant	July-August	11	3586		3586
4	Casualty Replacement @ 10%	July-August	2	652	0	652
5	1st Weeding within 0.5 mtr radius around the plant & manuring	Aug/Sep	16	5216	0	5216
6	Weeding, Soil working ( 15 cm deep & 0.5 mtr radius around the plant) and application of fertilizer (Urea/DAP/Bio Fertilizer etc.)	Oct/Nov	20	6520		6520
7	Provision of soil & water conservation measures by providing circular trench in flat land & half moon trench in slope area at a distance of 0.5 mt from the plant	Sept-Oct	6	1956	0	1956
8	Watering 1 <sup>st</sup> Dec to 31 <sup>st</sup> March (4 months) (10 days per month) including labour, transportation, hire charges of tractor/tanker @ Rs.65.00 per seedling	Dec-March	0	0	32500	32500
9	Watch & Ward July to March 270 days per RKM	July-March	60	19560	0	19560
	<b>Total</b>		<b>115</b>	<b>37490</b>	<b>44775</b>	<b>82265</b>
10	Monitoring, Evaluation, Learning, Documentation & any other Contingency upto 5% of the total cost.					4113
	<b>Grand Total</b>					<b>86378</b>
1	Gabion made up of bamboo twigs @Rs.285/- per plant (500)					142500




Item of work	Preferable Period of Execution	No. of Mandays	Labour Cost (Rs.)	Material Cost (Rs.)	Total Cost (Rs.)
<b>C. 2nd Year Maintenance</b>					
1 Transportation of 50 seedlings from Nursery to plantation site including loading, unloading & conveyance by Tractor @ Rs.6/-per seedling	Jul	0		300	300
2 10% casualty replacement	July-August	2	652		652
3 Weeding, Soil working and application of fertilizer (Insecticide/NPK/DAP/Bio Fertilizer etc.)	Sep-Oct	30	9780	3200	12980
4 Watering 1 <sup>st</sup> April to 15 <sup>th</sup> June & 1st Dec to 31 <sup>st</sup> March (195 days) including labour (5 days per month), transportation, hire charges of tractor/tanker @Rs.55.00 per seedling	April-15th June December-March	0	0	27500	27500
5 Watch & Ward April-March (365 days) per RKM	April-March	80	26080	0	26080
<b>Total</b>		<b>112</b>	<b>36512</b>	<b>31000</b>	<b>67512</b>
6 Monitoring, Evaluation, Learning, Documentation & any other Contingency upto 5% of the total cost.					3376
<b>Grand Total</b>					<b>70888</b>
1 Gabion made up of Bamboo twigs/Agro Net/HDPE Hexagone @Rs.42/- per plant					
2 Gabion made up of Bamboo twigs @Rs.42/- per plant (Applicable) (500)					21000
<b>D. 3rd Year Maintenance</b>					
1 Maintenance of plants including cultural operations, weeding & soil working	Sep-Oct	20	6520	0	6520
2 Watch & Ward April-March (365 days) per RKM	April-March	80	26080	0	26080
<b>Total</b>		<b>100</b>	<b>32600</b>	<b>0</b>	<b>32600</b>
3 Monitoring, Evaluation, Learning, Documentation & any other Contingency upto 5% of the total cost.					1630
<b>Grand Total</b>					<b>34230</b>
<b>Additional Cost towards maintenance of Fencing</b>					
1 Gabion made up of bamoo twigs @Rs.42/- per plant x 500 nos					21000

**ABSTARCT of Avenue Plantation**

Sl. No.	Item of work	No. of Mandays	Labour Cost (Rs.)	Material Cost (Rs.)	MELD & Other Contingency	Seedling Cost (Rs.)	Total Cost (Rs.)
1	0th year	26	8476	200	434	0	9110
2	1st year seedling cost @ Rs.52.18	115	37490	44775	4113	28699	115077
3	2nd year Maintenance	112	36512	31000	3376	2609	73497
4	3rd year Maintenance	100	32600	0	1630	0	34230
	Gabion made up of Bmboo twigs (1st year @285/- + 2nd @42/- + 3rd year @42/-) Total comes to Rs.369/- / per gabion	0	0	0	0	0	184500
	<b>Grand Total for 500 nos of Plants</b>	<b>353</b>	<b>115078</b>	<b>75975</b>	<b>9553</b>	<b>31308</b>	<b>416414</b>
	4850 Nos x @ 832.82/- per seedlings to be planted						4039177.00
	Add escalation Charges @20%						807835.40
	<b>Total</b>						<b>4847012.40</b>
	<b>Or Rounded to say that-</b>						<b>4847012.00</b>

Rupees (Forty Eight Lakh Forty Seven Thousand Twelve)only

Approval for Rs. 48,47,012.00  
(Rupees Fortyeight Lakh Forty Seven thousand - Twelve) only is hereby accorded.

  
Divisional Forest Officer,  
Karanja Division.

JIC Field Director, Similipal Tiger Reserve

Cum. Regional C.C.F. Baripada.





OFFICE OF THE DIVISIONAL FOREST OFFICER: KARANJIA DIVISION,  
AT/PO-KARANJIA, DIST-MAYURBHANJ, PIN- 757 037 (ODISHA),  
PHONE NO.06796-220226, FAX – 06796-220223, E-mail – [dfokaranjia@yahoo.com](mailto:dfokaranjia@yahoo.com).

No. 3727 dt 26/07/2022

To

The Executive Engineer,  
NH Division, Baripada.

Sub -

Demand letter towards deposit of approval cost for Avenue Plantation for Diversion of 7.8199 ha. forest land (involving 5.211 ha of forest land relating to Karanjia division) for widening and strengthening of existing road to two lane with 1.5 m wide paved shoulder from Km 35/700 to Km 71/120 of NH-220 from Rairangpur to Jashipur Section in respect of Karanjia Divisions in Mayurbhanj District.

Ref:-

Memo No.2769 dt.22.07.2022 of the Field Director, Similipal Tiger Reserve-Cum-Regional Chief Conservator of Forests, Baripada and same copy endorsed to you in memo No.2771 of the even date.

Sir,

In view of the Memo No. under reference, I am <sup>to</sup> request you to deposit Rs 48, 47,012 (Rupees Forty Eight Lakh Forty Seven Thousand Twelve) only at the wage rate of @ Rs 326/- per mandays in the appropriate head of CAMPA fund towards cost for the scheme of Avenue Plantation for raising over 4850 plants, as approved.

Encl:- As above.

Yours faithfully

*[Signature]*  
26/7/2022

Divisional Forest Officer,  
Karanjia Division.

Memo No. 3728 dt 26/07/2022.

Copy submitted to the Addl. Principal Chief Conservator of Forests (Forest Diversion & Nodal Officer, F C Act, O/O the PCCF, Odisha, Bhubaneswar for favour of kind information & necessary action.

*[Signature]*  
26/7/2022

Divisional Forest Officer,  
Karanjia Division.

Memo No. 3729 dt 26/07/2022

Copy Submitted to the Field Director, Similipal Tiger Reserve-Cum-Regional Chief Conservator of Forests, Baripada for favour of kind information & necessary action with reference to his Memo No.2769 dt.22.07.2022.

*[Signature]*  
26/7/2022

Divisional Forest Officer,  
Karanjia Division.