

OFFICE OF THE DIVISIONAL FOREST OFFICER: RAYAGADA DIVISION

No. 281 /4F (Misc) 1638 / 2021  
Dated, Rayagada the 15 th January, 2021

To

The Addl. Genl. Manager (Project),  
TIG-VZM 3<sup>rd</sup> Line Project,  
RVNL / Waltair

Sub: - Proposal for diversion of 5.858 ha. of forest land for construction of 3<sup>rd</sup> railway line from Vizianagaram to Titilagarh over a length of 264.60 km. passing through Vizianagaram district of Andhra Pradesh and Rayagada, Kalahandi & Balangir district of Odisha by RVNL. (Proposal No. FP/OR/RAIL/35352/2018) (State Sl. No. OR-037/2020)

Ref: - Memo No. 21393 dt. 13.12.2021 of the Pr.CCF, Odisha & this office Letter No.121 dt. 07.01.2022.

Sir,

In continuation to the above cited memo, it is to inform you that, the C.A. scheme which have been approved by the Nodal Officer vide his Memo No. 16678 dt. 27.09.2021 over an area of 12.0 Ha. of degraded forest land identified in Baliakhada RF in the wage rate @ Rs. 311/- per Mandays & the financial outlay for C.A. scheme was Rs. 97,07,500/- . Now, as per instruction of the PCCF, Odisha and subsequent enhancement of wage rate @ Rs. 315/- per Mandays, the scheme have been re-calculated and the revised financial outlay for C.A. scheme now comes to Rs. 97,89,672/-. Hence, you are requested to deposit the revised differential amount of Rs. 82,172/- through online portal into Ad-hoc CAMPA account. The RTGS receipt along with the UTR number in support of the above payment may please be submitted to this office for taking further action at this end.

Yours faithfully,

15/1/22  
Divisional Forest Officer,  
Rayagada Division

Memo No. 282 Dt. 15-1-2022

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

15/1/22  
Divisional Forest Officer,  
Rayagada Division

Memo No. 283 Dt. 15-1-2022

Copy submitted to the Regional Chief Conservator of Forests, Koraput Circle, Koraput for favour of kind information and necessary action.

15/1/22  
Divisional Forest Officer,  
Rayagada Division



**Annexure-I**

(18 months old seeding)

COST NORM FOR BALD HILL PLANTATION @ 1600 PLANTS PER HECTARE WITH FENCING						
(Labour cost @ Rs.315/- per manday)						
Sl. No.	Item of Work	Preferable Period of execution	Manday	Labour cost @ Rs.311/- per day	Material Cost per hectare in Rs.	Total Cost per hectare in Rs.
<b>Previous Year (ADVANCE WORK) NURSERY RAISING</b>						
1	Nursery Cost (18 month old Seedlings) @ Rs.37.97 part (Rs.9.45 to be released) for 1760 seedlings (1600+160)	Nov-March	44	13860	2948	16808
	<b>Total</b>		<b>44</b>	<b>13860</b>	<b>2948</b>	<b>16808</b>
2	Monitoring & Supervision charge 5% of the total cost					840.4
			<b>44</b>	<b>13860</b>	<b>2948</b>	<b>17648.4</b>
<b>Preparatory operation (0<sup>th</sup> year)</b>						
1	<b>Survey and demarcation</b>	June	2	630	0	630
	<b>Fencing</b>					
2	(i) For an average of 126 meters/ha @ Rs.81.84 per meter for bamboo twigs and bamboo thorn fencing (L:M=40:60)	June-Spet	19	5985	4402.84	10387.84
	(ii) To be strengthened by planting of bamboo and other seedlings in two rows. Bamboo to be planted at 2 meters spacing in staggered manner on the two rows and the rest of the species to be planted at ½ meter spacing along the two rows, the rows being 2m apart. Thus 500 plant (125 bamboo and 375 others) to be planted in two rows to cover 126m of periphery/Ha by the vegetative fence (Bamboo seedlings @ Rs.37.97 per seeding X 125 = Rs.4746.25 Agave seeding @ Rs.5.44 per seeding X 375 =	June-Spet	11	3465	6786.25	10251.25
3	Pitting (1600 per ha) each pit – 45 cm3	Nov-Dec	128	40320	0	40320
	<b>Soil and water conservation measures</b>					
4	(a) Staggered trench along the contour @ 300 per ha (2.5m x 0.5m x 0.5m0; digging of percolation pits @ 600 per ha in lieu of staggered trenches, gully plugging and Drainage line treatment, halfmoon trench on the uphill side of each planting pit (100 MD for staggered trench / percolation pits and 30 MD for gully plugging, drainage line treatment and halfmoon trench).	Sept-Nov	130	40950	0	40950
	(b) Site clearance – 8 MD alignment and stacking of contour lines on ground, planting pits, contour trenches / percolation pits and check dam sites, etc. – 2 MD	July-August	10	3150	0	3150
5	<b>Raising of seedlings</b> (18 months seedlings) in poly bags @ Rs.37.97 seeding @ Rs.24.10 to 1760 saplings to be raised for one hectare (1600+160)	April-March	111.67	35176.05	7686.63	42862.68
	<b>Total 0<sup>th</sup> Year</b>		<b>411.67</b>	<b>129676.05</b>	<b>18875.72</b>	<b>148551.77</b>
	<b>Monitoring &amp; Supervision charge 5% of the total cost</b>					<b>7,427.59</b>
	<b>GRAND TOTAL</b>		<b>411.67</b>	<b>129676.05</b>	<b>18875.72</b>	<b>155,979.36</b>



Planting Operation (1 <sup>st</sup> Year)						
1	Nursery (18 months seeding) (balance) from April-June/July @ Rs.4.42 per seeding for 1760 seedlings	April-July	22	6930	937.2	7867.2
2	Freshening of pits – 64 MD, filling with fertile	June-July	109	34335	0	34335
3	Cost of Fertile Soil 0.25 cft @ Rs.8 per cft/FYM 0.25 cft @ Rs.15 per cft per pit		0	0	9200	9200
4	Sowing of seeds on dug out earth of trench	June	6	1890	200	2090
5	Carriage-6MD, Planting including Casualty replacement – 6 MD, fertilizer application – 5 MD, 1 <sup>st</sup> weeding – 7MD, 2 <sup>nd</sup> weeding – 5 MD, soil working – 7 MD	July-August	36	11340	0	11340
6	Cost of Fertilizer and insecticide (Granular)		0	0	4480	4480
7	Repair and maintenance of bamboo fence including material cost	August-October	15	4725	2540	7265
8	Maintenance of soil and Moisture Conservation measures (20% of Cost)	October-December	26	8190	0	8190
9	Closure to grazing fire and other biotic interference by engaging watch & ward.	April-March	30	9450	0	9450
10	Fire tracing and control display board construction painting/writing other miscellaneous cost.	Jan-Feb	10	3150	360	3510
<b>Total 1<sup>st</sup> Year</b>			<b>254</b>	<b>80010</b>	<b>17717.2</b>	<b>97727.2</b>
<b>Monitoring &amp; Supervision charge 5% of the total cost</b>						<b>4886.36</b>
<b>Grand Total</b>			<b>254</b>	<b>80010</b>	<b>17717.2</b>	<b>102613.56</b>
Maintenance Operation (2 <sup>nd</sup> Year)						
1	Casualty replacement – 6 MD including seeding cost @ Rs.37.97 per seeding and its transportation.	June-July	10	3150	6075.2	9225.2
2	Soil working-7 MD 1st weeding-6 MD, 2nd weeding-6 MD and fertilizer application-4MD	August-October	23	7245	0	7245
3	Cost of fertilizer @ 50 gms NPK per plant@ Rs. 24/- per kg for 1600 plants =Rs. 1920.00 Insecticide @ 5gm per plant for 160 nos. of plants @ Rs 80 per KG = Rs. 64.00		0	0	1984	1984
4	Repair and maintenance of bamboo fence including material cost.	August-October	15	4725	2540	7265
5	Maintenance of Soil and Moisture Conservation measures (20% of cost).	August-October	26	8190	0	8190
6	Fire tracing and control and other miscellaneous cost.	Feb-March	10	3150	0	3150
7	Closure to grazing, fire and other biotic interference by engaging watch and ward.	April-March	30	9450	0	9450
<b>Total 2<sup>nd</sup> Year</b>			<b>114</b>	<b>35910</b>	<b>10599.2</b>	<b>46509.2</b>
<b>Monitoring &amp; Supervision charge 5% of the total cost.</b>						<b>2325.46</b>
<b>Grand Total</b>			<b>114</b>	<b>35910</b>	<b>10599.2</b>	<b>48834.66</b>
Maintenance Operation (3 <sup>rd</sup> Year)						
1	Repair and maintenance of fence-15 MD/ (in case of barbed wire fencing Rs.9000/- for repair), SMC measures (Renovation)-26 MD and maintenance of plantation-14 MD as per requirement	April-March	55	17325	500	17825
2	Closure to grazing, fire and other biotic interference by engaging watch and ward	April-March	18	5670	0	5670
<b>Total 3<sup>rd</sup> Year</b>			<b>73</b>	<b>22995</b>	<b>500</b>	<b>23495</b>
<b>Monitoring &amp; Supervision charge 5% of the total cost</b>						<b>1174.75</b>
<b>Grand Total</b>			<b>73</b>	<b>22995</b>	<b>500</b>	<b>24669.75</b>



Maintenance Operation (4 <sup>th</sup> Year)						
1	Repair and maintenance of fence-13 MD/ no maintenance in case of barbed wire fencing. SMC measures 21 MD and maintenance of plantation-14 MD	April-March	48	15120	500	15620
2	Closure to grazing, fire and other biotic interference by engaging watch and ward	April-March	18	5670	0	5670
Total 4 <sup>th</sup> Year			66	20790	500	21290
Monitoring & Supervision charge 5% of the total cost						1064.5
Grand Total			66	20790	500	22354.5
5 <sup>th</sup> Year Maintenance						
1	Repair and maintenance of fence-13 MD/ no maintenance in case of barbed wire fencing. SMC measures 21 MD and maintenance of plantation-14 MD	April-March	48	15120	500	15620
2	Closure to grazing, fire and other biotic	April-March	18	5670	0	5670
Total 5 <sup>th</sup> Year			66	20790	500	21290
Monitoring & Supervision Charge 5% of the						1064.5
Grand Total			66	20790	500	22354.5
6 <sup>th</sup> Year Maintenance						
1	Repair and maintenance of fence-13 MD/ no maintenance in case of barbed wire fencing. SMC measures 21 MD and maintenance of plantation-14 MD	April-March	48	15120	500	15620
2	Closure to grazing, fire and other biotic	April-March	18	5670	0	5670
Total 6 <sup>th</sup> Year			66	20790	500	21290
Monitoring & Supervision Charge 5% of the						1064.5
Grand Total			66	20790	500	22354.5
7 <sup>th</sup> Year Maintenance						
1	Repair and maintenance of fence-13 MD/ no maintenance in case of barbed wire fencing. SMC measures 21 MD and maintenance of plantation-14 MD	April-March	48	15120	500	15620
2	Closure to grazing, fire and other biotic interference by engaging watch and ward	April-March	18	5670	0	5670
Total 7 <sup>th</sup> Year			66	20790	500	21290
Monitoring & Supervision Charge 5% of the						1064.5
Grand Total			66	20790	500	22354.5
8 <sup>th</sup> Year Maintenance						
1	Repair and maintenance of fence-13 MD/ no maintenance in case of barbed wire fencing. SMC measures 21 MD and maintenance of plantation-14 MD	April-March	48	15120	500	15620
2	Closure to grazing, fire and other biotic interference by engaging watch and ward	April-March	18	5670	0	5670
Total 8 <sup>th</sup> Year			66	20790	500	21290
Monitoring & Supervision Charge 5% of the total cost.						1064.5
Grand Total			66	20790	500	22354.5
9 <sup>th</sup> Year Maintenance						
1	Repair and maintenance of fence-13 MD/ no maintenance in case of barbed wire fencing. SMC measures 21 MD and maintenance of plantation-14 MD	April-March	48	15120	500	15620
2	Closure to grazing, fire and other biotic interference by engaging watch and ward	April-March	18	5670	0	5670
Total 9 <sup>th</sup> Year			66	20790	500	21290
Monitoring & Supervision Charge 5% of the total cost						1064.5
Grand Total			66	20790	500	22354.5



10 <sup>th</sup> Year Maintenance						
1	Repair and maintenance of fence-13 MD/ no maintenance in case of barbed wire fencing. SMC measures 21 MD and maintenance of plantation-14 MD	April-March	48	15120	500	15620
2	Closure to grazing, fire and other biotic interference by engaging watch and ward	April-March	18	5670	0	5670
	<b>Total 10<sup>th</sup> Year</b>		<b>66</b>	<b>20790</b>	<b>500</b>	<b>21290</b>
	<b>Monitoring &amp; Supervision Charge 5% of the total cost</b>					<b>1064.5</b>
	<b>Grand Total</b>		<b>66</b>	<b>20790</b>	<b>500</b>	<b>22354.5</b>
	<b>GRAND TOTAL</b>		<b>1358.67</b>	<b>427981.05</b>	<b>54140.12</b>	<b>506227.23</b>
ABSTRACT						
Sl.	Year	Mandays	Labour cost	Material	Monitoring	Total (Rs)
1	Previous Year	44	13860.00	2948.00	840.40	17648.40
2	0 <sup>th</sup> Year	411.67	129676.05	18875.72	7427.59	155979.36
3	1 <sup>st</sup> Year	254	80010.00	17717.20	4886.36	102613.56
4	2 <sup>nd</sup> Year	114	35910.00	10599.20	2325.46	48834.66
5	3 <sup>rd</sup> Year	73	22995.00	500.00	1174.75	24669.75
6	4 <sup>th</sup> Year	66	20790.00	500.00	1064.50	22354.50
7	5 <sup>th</sup> Year	66	20790.00	500.00	1064.50	22354.50
8	6 <sup>th</sup> Year	66	20790.00	500.00	1064.50	22354.50
9	7 <sup>th</sup> Year	66	20790.00	500.00	1064.50	22354.50
10	8 <sup>th</sup> Year	66	20790.00	500.00	1064.50	22354.50
11	9 <sup>th</sup> Year	66	20790.00	500.00	1064.50	22354.50
12	10 <sup>th</sup> Year	66	20790.00	500.00	1064.50	22354.50
	<b>Total</b>	<b>1358.67</b>	<b>427981.05</b>	<b>54140.12</b>	<b>24106.06</b>	<b>506227.23</b>
Sl	Description					Amount
1	Cost of Bald Hill Plantation @1600 plants/ha. with 18months old seedlings over 12.00ha. @ Rs. 5,06,227.23 per ha. with 10years maintenance with provision of fencing					6074726.76
2	Add Escalation Cost(20%)					1214945.35
	<b>Total</b>					<b>7289672.11</b>
3	Infrastructure Cost					2500000.00
	<b>Grand Total</b>					<b>9789672.11</b>
4	Payment already done by User Agency in CAMPA account					9707500.00
5	<b>Payment to be done</b>					<b>82172.11</b>
	or					<b>82172.00</b>

Divisional Forest Officer,  
Rayagada Division

**Financial Outlay for Compensatory Afforestation Scheme** over an area of **12.00 ha** of degraded forest land identified in **Baliakhanda RF** in Rayagada Forest Division against 5.858 ha of forest land to be diverted for construction of 3<sup>rd</sup> Railway Line between Titlagarh to Vizianagaram under East Coast Railway.

**(Wage Rate @ Rs.315/- per MD)**

Sl. No.	Description	Amount (Rs.)
1	Cost of Bald Hill Plantation @ 1600 plants / ha with 18 months old seedlings over 12.00 ha @ Rs.5,06,227.23 per ha with 10 years maintenance with provision of fencing.	6074726.76
2	Add Escalation Cost (20%)	1214945.35
	<b>Total</b>	<b>7,289,672.11</b>
	<b>INFRASTRUCTURE (To be provided in kind):</b>	
3	Provision of an off-roader Jeep or Similar Vehicle with 4 XWD facility for mobility of field staff in difficult terrain with all accessories, road tax and insurance to be provided by the UA to the DFO Rayagada Division (Proposed by DFO)	2,500,000.00
	<b>Grand Total</b>	<b>9,789,672.11</b>
	<b>Or</b>	<b>97,89,672.00</b>
	Payment already done on CAMPA Account by the UA	97,07,500.00.
	<b>Differential amount to be paid</b>	<b>82,172.00</b>

**(Rupees Eighty two thousand one hundred seventy two) only.**

*15/1/22*  
Divisional Forest Officer,  
Rayagada Division