

No.F.6-273/FC/For-04/Pt-I/ 25271-299
Government of Tripura
Forest Department

By E-Mail

Dated, Agartala, the 07/10/, 2021

To

1. The District Forest Officer, North/ South/ West/ Dhalai/ Sepahijala/ Gomati/ Khowai/ Unakoti
2. The Sub-Divisional Forest Officer, Dharmanagar/ Kanchanpur/ Kailashahar/ Kumarghat/ Manu/ Ambassa/ Teliamura/ Khowai/ Sadar/ Mandai/ Bishlagarh/ Sonamura/ Udaipur/ Amarpur/ Karbook/ Bagaga/ Sabroom
3. The Wildlife Warden, Sepahijala/ Trishna/ Royra/ Gomati

Sub: - Scheme for compensatory afforestation for plantation in respect of FCA proposals.

Sir,

With reference to the above I am directed to enclose herewith a copy of estimate for compensatory afforestation for plantation in respect of FCA proposals.

Encl:- As stated

Yours faithfully,


(Shakti Kant Singh, IFS)
Joint Secretary
to the Government of Tripura

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**Government of Tripura
Forest Department**

1. **Name of the Scheme:-** Compensatory Afforestation Scheme for plantation in respect of FCA proposals.

2. **Brief Description:-** The Scheme has been drawn up for raising high density compensatory plantation in the degraded forest land by misc. species, bamboo, medicinal plants, fruit bearing species etc. The schedule has been prepared in such a way to compensate the tree density loss occurred due to diversion of forest land. Wherever possible, species of different composition and dominance level shall be planted to ensure the multi-layered crop/ canopy.

3. **Wages Rate:-** Rs. 212/- (Rupees two hundred and twelve only) per day as per the Memorandum issued by the Addl. Secretary, Govt. of Tripura, RD Deptt. vide No.F.3(18)-RD/2005/Part/ 8843 dated 27.04.2021. Whenever there is a revision of wages rate, the same will be applicable in the scheme.

4. Provision has also been kept for anticipatory increase of wages & materials as per cost increment factor every year as it is normally seen that there used to be a long gap between the time of proposal submission and raising of plantation.

1st Year Creation and Maintenance				
Sl. No.	Item of Works	Time of work	No. DLs/ha	Amount (In Rs) as per the rent wage rate (Rs.212)
1	Pre-survey by clearing jungle 1.5 m wide strip by using GPS instrument. Track polygon (raw data) is to be submitted within 5 days after completion of survey	Feb-March		(included in 10% m&e cost)
2	Site preparation including cutting of jungle slush to the ground, disposal of debris etc.	Jan-Feb	18	3,816
3	Stacking at spacing 2 m x 2 m (2500 plants) with sticks of 1m long and 15 cm wide including collection of sticks etc to be done along the contour in slopes and in East West direction in plains	Feb-March	10	2,120
4	Digging of pits 30 cm x 30 cm x 30 cm size for misc. fast growing species at 2m x 2m spacing	Feb-March	68	14,416
5	Re-filling of pits after removal of foreign materials, breaking of clods and planting of seedling after removal of seedling pots, carrying of seedlings up to plantation site, including preparation of thali for water conservation etc	April-May	79	16,748
6	Re-Survey using GPS			
7	First weeding including base cleaning in thali at a radius of 0.5 m by scraping with spade and cutting of weeds in between the lines flush to the ground level including vacancy filling with required plant sp including digging of pits, refilling & planting including carrying of seedlings.	June-July	22	4,664
8	Second Weeding including base cleaning in thali at a radius of 0.5 m by scraping with spade and cutting of weeds in between the lines flush to the ground level	Aug-Sep	18	3,816

9	Winter cleaning by cutting of weeds and climber making of fire line 4m wide & diagonal inspection path 1 m wide by scraping with spade and maintenance of the same throughout the dry season	Dec-January	10	2,120
10	Engagement of a watch and wards responsible for maintenance of fencing, cattle watching etc. His continuation will be based on survival percentage of seedling.	April-March	1 for 365 days	7,738
11	Cost of Planting materials @ Rs.15/- per polybag for 3000 nos polybag (including vacancy filling)	-	-	45,000
12	Cost of permanent fencing including application of biofertilizer etc.	Lumpsum	per ha	65,000
Total				1,65,438
Cost of pre-survey, carrying cost, signboard cost, monitoring and evaluation will be 10% of the total expenditure for 1 ha.				16,544
Sub-Total for 1st year				1,81,982
Anticipatory increase: Total X Cost increment factor (1)				1,81,982
2nd Year Maintenance				
Sl. No.	Item of Works	Time of work	No. DLs/ha	Amount (in Rs.)
1	First weeding including base cleaning in thali at a radius of 0.5 m by scraping with spade and cutting of weeds in between the lines flush to the ground level including vacancy filling with required plant sp including digging of pits, refilling & planting including carrying of seedlings.	June-July	22	4,664
2	Second Weeding including base in thali at a radius of 0.5m by scraping with spade and cutting of weeds in between the lines flush to the ground level	Aug-Sep	18	3,816
3	Winter cleaning including base in thali at a radius of 0.5 m by scraping with spade & cutting of weeds in between the lines flush the ground including making of fire line 4m wide & diagonal inspection path 1 m wide by scraping spade and maintenance of the same throughout the dry season	Dec-January	10	2,120
4	Engagement of a watch and wards responsible for maintenance of fencing, cattle watching etc. His continuation will be based on survival percentage of seedling. Watch and Ward is 1no. for min 10 ha(contiguous or discrete)patch	April-March	1 for 365 days	7,738
5	Cost of seedling of 500 @ Rs.15/- per polybag including transportation and application of biofertilizer etc.			12,500
Total				30,838
For monitoring and evaluation, Maintenance of fencing 10% of the entire cost of plantation per ha				3,084
Sub-Total				33,922
Anticipatory increase: Total X Cost increment factor (1.1)				37,314

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District Forest Officer
Belphonia

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3rd Year Maintenance

Sl. No.	Item of Works	Time of work	No. DLs/ha	Amount (in Rs.)
1	First weeding including base cleaning in thali at a radius of 0.5 m by scraping with spade and cutting of weeds in between the lines flush to the ground level including vacancy filling with required plant spp including digging of pits, refilling & planting including carrying of seedlings.	June-July	20	4,240
2	Second Weeding including base in thali at a radius of 0.5m by scraping with spade and cutting of weeds in between the lines flush to the ground level	Aug-Sep	15	3,180
3	Winter cleaning including base in thali at a radius of 0.5 m by scraping with spade & cutting of weeds in between the lines flush the ground including making of fire line 4m wide & diagonal inspection path 1 m wide by scraping spade and maintenance of the same throughout the dry season	Dec-January	10	2,120
4	Engagement of a watch and wards responsible for maintenance of fencing, cattle watching etc. His continuation will be based on survival percentage of seedling. Watch and Ward is 1 no for min 10ha (contiguous or discrete) patch.	April-March	1 for 365 days	7,738
5	Application for biofertilizer etc. including labour cost etc		LS	5,000
Total				22,278
For monitoring and evaluation, maintenance of fencing 10% of the entire cost of plantation per ha				2,228
Sub-Total				24,506
Anticipatory increase: Total X Cost increment factor (1.21)				29,652

4th Year Maintenance

Sl. No.	Item of Works	Time of work	No. DLs/ha	Amount (in Rs.)
1	First weeding including base cleaning in thali at a radius of 0.5 m by scraping with spade and cutting of weeds in between the lines flush to the ground level.	June-July	15	3,180
2	Cultural operation by weeding and climber cutting including making diagonal inspection path 1m wide by scraping with spade and maintenance of the same throughout the dry season including making of fire line 4m wide by scraping with spade including maintenance of the same throught the dry season	Dec-January	12	2,544
Total				5,724
Anticipatory increase: Total X Cost increment factor (1.331)				7,619

5th Year Maintenance

Sl. No.	Item of Works	Time of work	No. DLs/ha	Amount (in Rs.)
1	Cultural operation	Dec-January	12	2,544
Anticipatory increase: Total X Cost increment factor (1.4641)				3,725

[Signature]
 Project Officer

6th Year Maintenance				
Sl. No.	Item of Works	Time of work	No. DLs/ha	Amount (in Rs.)
1	Cultural operation	Dec-January	12	2,544
Anticipatory increase: Total X Cost increment factor (1.61051)				4,097
7th Year Maintenance				
Sl. No.	Item of Works	Time of work	No. DLs/ha	Amount (in Rs.)
1	Cultural operation	Dec-January	12	2,544
Anticipatory increase: Total X Cost increment factor (1.771561)				4,507
8th Year Maintenance				
Sl. No.	Item of Works	Time of work	No. DLs/ha	Amount (in Rs.)
1	Cultural operation	Dec-January	12	2,544
Anticipatory increase: Total X Cost increment factor (1.948717)				4,958
9th Year Maintenance				
Sl. No.	Item of Works	Time of work	No. DLs/ha	Amount (in Rs.)
1	Cultural operation	Dec-January	12	2,544
Anticipatory increase: Total X Cost increment factor (2.1435888)				5,453
10th Year Maintenance				
Sl. No.	Item of Works	Time of work	No. DLs/ha	Amount (in Rs.)
1	Cultural operation	Dec-January	12	2,544
Anticipatory increase: Total X Cost increment factor (2.3579476)				5,999
Sub-Total :-				2,85,305
Cost of 10% for Central CAMPA Fund				28,530
Grand Total				3,13,835
(Three lakh, thirteen thousand, eight hundred and thirty-five)				

The rates are for raising of 1 ha plantation and the cost will be charged from the user agency for Compensatory Afforestation/ Penal Compensatory Afforestation. This will be effective from the date of issue of this order.

(Signature)
04/10/21
(Shakti Kant Singh, IFS)
Jt. Secretary
to the Government of Tripura

(Signature)
District Forest Officer
South District Belonia