

1. Name of Scheme: Compensatory Afforestation Scheme on Degraded Forest Land.
2. Brief Description : The Scheme has been drawn up for raising compensatory plantation in degraded forest land by raising plantation e.g Misc. Species/ply bag planting etc. as per approved specification
3. Wage Rate : Rs.205.00 (Rupees two hundred five) only per day as per memo No.F.3(18)-RD/2005/Part/6395 Dated,18.04.2020 of Addl. Secretary, Govt. of Tripura, RD (Panchyat) Department and approved by Govt. in Forest Deptt vide U.O No-215/MIN/For/2020 dt.23.04.2019.
4. Provision is also kept for anticipatory increase of Wages & Materials for subsequent year
5. Diversion Proposal No.FP/TR/ROAD/50033/2020
6. Status of land for CA: PRF land, Mouja-Kalamchowra, CS Plot No.3190 Khatian No.2/50

Area-0.9 ha


1st year plantation				
SN	Estimate	No. of DL per ha	Wages Rate	Amount [Rs.]
1	Survey by using GPS instrument, cleaning of the periphery, fixing of permanent/durable pegs to be reained at least on year, Pegs should be numbered serally. Track polygon (raw data) is to be submitted within 5 (five) days after completion of survey.	3	205	615.00
2	Jungle cleaning including disposal of derbies.	20	205	4100.00
3	Stacking at spacing of as per model requirment with sticks of 1 m long including collection of sticks etc. completer digging of pits of 30 cm × 30 cm × 30 cm size for miscellaneous species 1000 plants per ha.	50	205	10250.00
4	Refilling of pits after removal of foreign materials, breaking of clods and planting of stumps/rhizome/seedling pot including pitting with crowbar for teak and carrying of stumps/seedling up to plantation site etc.	76	205	15580.00
5	Providing fencing L.S	Per ha	-	70000.00
6	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 plat spp including digging of pits, refilling & planting including carrying of seedling. Teak will be replaced by Acacia manium in case of mortality .	25	205	5125.00
7	Second weeding including claning of base in thali at a radius of 0.5m by scraping with spade and cutting of weeds in between the lines to the ground level.	18	205	3690.00
8	Vacancy filling (10%)	5	205	1025.00
9	Winter cleaning incuding cleaning of base in the thali at a radius of 0.5m by scarping & cutting 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.	18	205	3690.00
10	Fireline & Inspection path diagonally through out the plantation area and making road for inspection .	10		2050.00
11	Cost of planting material including transportation	-		50000.00
12	Cost of signboard LS	-		5000.00
13	Engagement of watch and wards throughout the year responsible for maintenance of fencing, cattle watching etc.	135	205	27675.00
Total				198800.00
Provision of 15% anticipatory increase of wages and materials				29820.00
(A) Total for 1st year Maintenance				228620.00
2nd year maintenance				
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 plat spp including digging of pits, refilling & planting including carrying of seedling. Teak will be replaced by Acacia mangium in case of mortality.	24	205	4920
2	Second Weeding including cleaning of 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 .	18	205	3690
3	Vacancy filling (20%)	6	205	1230
4	Maintenance of fencing LS	per ha	-	8000

5	Cost of planting materials including transportation	-	-	8000
6	Fireline & inspection path	10	205	2050
7	Winter cleaning including cleaning of base in thali at radius of 0.5 m by scraping & cutting 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.	18	205	3690
Total				31580
Provision of 20% anticipatory increase of wages and materials				6316.00
(B) Total for 2nd year Maintenance				37896.00
3rd year Maintenance				
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 plat spp including digging of pits, reffilling & planting including carrying of seedlings. Teak will be replaced by Acacia mangium in case of mortality .	13	205	2665
2	Second Weeding including cleaning of 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.	10	205	2050
3	Winter cleaning including cleaning of base in thali at radius of 0.5 m by scraping & cutting 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.	13	205	2665
4	Fireline & inspection path.	5	205	1025
5	Maintenance of fencing L.S	-	-	8000
Total				16405
Provision of 25% anticipatory increase of wages and materials				4101.25
(C) Total for 3rd year Maintenance				20506.25
4th Year plantaiton				
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 plat spp including digging of pits, reffilling & planting including carrying of seedling of pits, reffilling & planting including carrying of seedling. Teak will be replaced by Acacia mangium in case of mortality .	13	205	2665
2	Second Weeding including cleaning of 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.	18	205	3690
3	Fireline & inspection path .	5	205	1025
4	Maintenance of fencing L.S	-	-	8000
Total				15380
Provision of 30% anticipatory increase of wages and materials				4614
(D) Total for 4th year Maintenance				19994
5th year Maintenance				
1	Cultural Operation .	15	205	3075
Provision of 35% anticipatory increase of wages & materials				1076.25
(E)Total for 5th year Maintenance				4151.25
6th year Maintenance				
1	Cultural Operation .	15	205	3075
Provision of 40% anticipatory increase of wages & Materials				1230
(F) Total for 6th year Maintenance				4305
7th year Maintenance				
1	Cultural Operation	15	205	3075
Provision of 45% anticipatory increase of wages & materials				1383.75
(G) Total for 7th year Maintenance				4458.75

8th year Maintenance			
1	Cultural Operation.	15	205
	Provision of 50% anticipatory increase of wages & materials		1537.5
	(H) Total for 8th year Maintenance		4612.5
9th year Maintenance			
1	Cultural Operation	15	205
	Provision of 55% anticipatory increase of wages & materials		1691.25
	(I) Total for 9th year Maintenance		4766.25
10th year Maintenance			
1	Cultural Operation	15	205
	Provision of 60% anticipatory increase of wages & materials		1845
	(J) Total for 10th year Maintenance		4920
	Grand Total for (A+B+C+D+E+F+G+H+I+J)		334,230.00
	Total for Ha		300,807.00
(Rupes three lakhs eight hundred seven) only			

- Total number of splings that can be accomdated in the degraded forest land =750 @ 1000 saplings per ha through AR

The estimate has been prepared and rationalized for AR plantations as per the SOR issued competent authority.
The estimate is hereby checked and approved for per ha plantation.


(A. Das, IFS)
District Forest Officer
Sepahijala District

1. Name of Scheme: Compensatory Afforestation Scheme on CA land as provided by Tripura Govt. Khas Land
2. Brief Description: The Scheme has been drawn up for raising compensatory plantation in degraded forest land by raising plantation e.g Misc. Species/poly bag planting etc. as per approved specification
3. Wage Rate : Rs.205.00 (Rupees two hundred five) only per day as per memo No.F.3(18)-RD/2005/Part/6395 Dated,18.04.2020 of Addl. Secretary, Govt. of Tripura, RD (Panchyat) Departement and approved by Govt. in Forest Deptt. Vide U.O No-205 dt.23.04.2019
4. Provision is also kept for anticipatory increase of Wages & Materials for subsequent year
5. Diversion Proposal No.FP/TR/ROAD/50033/2020
6. Status of land CA: Govt. Khas Land, Mouja-Kulubari, CS Plot No.936/P, Khatian No.1/36
Area-0.99524 ha

1st Year Plantation

SN	Particulars of Work and Specification	No. dls/ha	Unit Cost	Amount (in Rs)
1	Survey by using GPS instrument, cleaning of the periphery, fixing of permanent / durable pegs to be retained at least for one year. Pegs should be numbered serially. Track polygon (raw data) is to be submitted within 5 (five) days after completion of the survey.	0.75	205	153.75
2	Jungle cleaning including disposal of derbies	5	205	1025
3	Stacking at spacing as per model requirement with stacks of 1 m long including collection of sticks etc. complete & Digging of pits of 30cm x 30cm x 30cm size for miscellaneous species 1000 plants per ha.	12.5	205	2562.5
4	Refilling of pits after removal of foreign materials, breaking of clods and planting of stumpos/rhizome/seedling pot including pitting with crowbar for teak and carrying of stumps/ seedling up to plantation site etc.	19	205	3895
5	Providing fencing L.S	Per ha	-	70000
6	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 and planting including carrying of seedlings.Teak will be replaced with Acacia mangium in case of mortality.	6.25	205	1281.25
7	Second weeding including cleaning of base in thali at a radius of 0.5m by scraping with spade and cutting of weeds in between the lines flush to ground level.	4.5	205	922.5
8	Vacancy filling (10%0	1.25	205	256.25
9	Winter cleaning including cleaning of base in thali at a radius of 0.5m by scraping & cutting weeds in between the, lines flush to the ground including making of fire line 4m wide & diagonal inspection path 1m wide by scraping spade and maintenance of the same throughout the dry season.	4.5	205	922.5
10	Fire line and inspection path diagonally throughout the plantation area and making road for inspection.	2.5	205	512.5
11	Cost of planting materials including transportation	-	-	12500
12	Cost of Signboard	-	-	5000
13	Engagement of a watch and wards throughout the year responsible for maintenance of fencing, cattle watching etc.	135	205	27675
Total				126706.25
Provision of 15% anticipatory increase of wages & materials				19005.9375
(A) Total for 1st year plantation				145712.1875

2nd year Maintenance				
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 and planting including carrying of seedlings. Teak will be replaced with Acacia mangium in case of mortality.	6	205	1230
2	Second weeding including cleaning of base in thali at a radius of 0.5m by scraping with spade and cutting of weeds in between the lines flush to ground level.	4.5	205	922.5
3	Vacancy filling (20%)	1.5	205	307.5
4	Maintenance of fencing L.S	Per ha	-	8000
5	Cost of planting materials including transportation	-	-	2000
6	Fire line & inspection path	2.5	205	512.5
7	Winter cleaning including cleaning of base in thali at a radius of 0.5m by scraping & cutting weeds in between the, lines flush to the ground including making of fire line 4m wide & diagonal inspection path 1m wide by scraping spade and maintenance of the same throughout the dry season.	4.5	205	922.5
Total				13895
Provision of 20% anticipatory increase of wages & materials				2779
(B) Total for 2 year Maintenance				16674
3rd year Maintenance				
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 and planting including carrying of seedling. Teak will be replaced with Acacia mangium in case of mortality.	3.25	205	666.25
2	Second weeding including cleaning of base in thali at a radius of 0.5m by scraping with spade and cutting of weeds in between the lines flush to ground level.	2.5	205	512.5
3	Winter cleaning including cleaning of base in thali at a radius of 0.5m by scraping & cutting weeds in between the, lines flush to the ground including making of fire line 4m wide & diagonal inspection path 1m wide by scraping spade and maintenance of the same throughout the dry season.	3.25	205	666.25
4	Fire line & inspection path	1.25	205	256.25
5	Maintenance of fencing L.S	-	-	8000
Total				10101.25
Provision of 25% anticipatory increase of wages & materials				2525.3125
(C) Total for 3rd year Maintenance				12626.5625
4th year Maintenance				
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 and planting including carrying of seedlings. Teak will be replaced with Acacia mangium in case of mortality.	3.25	205	666.25
2	Second weeding including cleaning of base in thali at a radius of 0.5m by scraping with spade and cutting of weeds in between the lines flush to ground level.	4.5	205	922.5
3	Fire line & inspection path	1.25	205	256.25
4	Maintenance of fencing L.S	-	-	8000
Total				9845
Provision of 30% anticipatory increase of wages & materials				2953.5
(D) Total for 4th year Maintenance				12798.5

5th year Maintenance				
1	Cultural Operation	3.75	205	768.75
Provision of 35% anticipatory increase of wages & Materials				269.0625
(E) Total for 5th year Maintenance				1037.8125
6th year Maintenance				
1	Cultural Operation	3.75	205	768.75
Provision of 40% anticipatory increase of wages & Materials				307.5
(F) Total for 6th year Maintenance				1076.25
7th year Maintenance				
1	Cultural Operation	3.75	205	768.75
Provision of 45% anticipatory increase of wages & Materials				345.9375
(G) Total for 7th year Maintenance				1114.6875
8th year Maintenance				
1	Cultural Operation	3.75	205	768.75
Provision of 50% anticipatory increase of wages & Materials				384.375
(H) Total for 8th year Maintenance				1153.125
9th year Maintenance				
1	Cultural Operation	3.75	205	768.75
Provision of 55% anticipatory increase of wages & Materials				422.8125
(I) Total for 9th year Maintenance				1191.5625
10th year Maintenance				
1	Cultural Operation	3.75	205	768.75
Provision 60% anticipatory increase of wages & Materials				461.25
(J) Total of 10th year Maintenance				1230
Grand Total for (A+B+C+D+E+F+G+H+I+J)				194614.6875
Total for Ha				193688.32
Say				193688
(Rupees one lakhs ninety three thousand six hundred eighty eight) only				

Total number of saplings that can be accommodated in the Govt. Khas land
@ 250 saplings per ha though ANR

The estimate has been prepared and rationalized for ANR plantations as per the SOR issued by the competent authority.
The estimate is hereby checked and approved for per ha plantation



(A. Das, IFS)

District Forest Officer
Sepahijala: Tripura