

120-
4/12/2022

**GOVERNMENT OF ANDHRA PRADESH
FOREST DEPARTMENT**

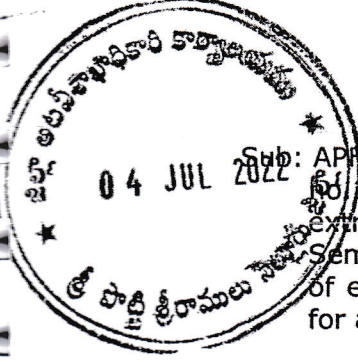
Rc.no.3020/2019-TO,
Dated.28-06-2022.

O/o The Conservator of Forests,
Guntur Circle, Guntur.

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Sri Y. Srinivasa Reddy, IFS.,
Chief Conservator of Forests,
Guntur Circle, Guntur.

* * *



Sub: APFD-F(C) Act, 1980-Diversion of 4.41ha. of forest land in compartment no.125 of Chaganam RF, Venkatagiri Range of Nellore Division for extraction of Quartz & Feldspar in favour of M/s Chettinad Morimura Semiconductor (Pvt.) Limited- Degraded forest land identified for raising of elsewhere SZA- CA Scheme proposals submitted by the DFO, Nellore for administration approval- approval accorded-Reg.

- Ref: 1.Prl.CCF,AP,Guntur Rc.no.9246/2017-FCA-2(iii), Dt.12.12.2017.
2.Prl.CCF,AP,Guntur Rc.no.EFS02-15029/57/2018-FCASEC-PCCF/FCA-3, Dt.14.07.2018.
3. Prl.CCF,AP,Guntur Rc.no.EFS02-15029/57/2018-FCASEC-PCCF/FCA-3, Dt.11.07.2021.
4. Prl.CCF,AP,Guntur Rc.no.EFS02-15029/57/2018-FCASEC-PCCF/FCA-3 (i), Dt.26.12.2021.
5. DFO, Nellore Rc.no.2392/2017-F11, Dt.20.06.2022.

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Attention of the District Forest Officer (T), Nellore is drawn to the references cited above. He is informed that the CA Scheme prepared for Afforestation plan for 1_1/2 times of SZA area over an extent of 1.20 ha., identified degraded Forest area in Compartment no.122, Chaganam RF of Venkatagiri Range of Nellore Division in lieu of proposals for diversion of 4.41ha. of forest land in compartment no.125 of Chaganam RF, Venkatagiri Range of Nellore Division for extraction of Quartz & Feldspar in favour of M/s Chettinad Morimura Semiconductor (Pvt.) Limited submitted in the reference 5th cited duly adopting the rates of FSR-2022-23 of Guntur Circle is hereby approved for Rs.20.653 Lakhs on the personal responsibility of the District Forest Officer, Nellore and subject to the revision of rates in future at the time of raising demand to the user agency and he is instructed to upload information pertaining to Part-II of proposal in the Ministry's web site "PARIVESH" portal as per the instructions issued in the ref. 1st cited.

Encl. Abstract.

Sd/-Y.Srinivasa Reddy,
Chief Conservator of Forests,
Guntur Circle, Guntur.

To
The District Forest Officer (T), Nellore.

// T C B O //

[Signature]
Tech. Officer 28/6/22

Statement Showing the afforestation Scheme Proposals over an extent of 1.20 Ha (1 1/2 times SZA area of M/s Chettinadu mines) in degraded Chagannam RF, of Venkatagiri Range, Rangas
Nellore Division

(Phy, Fin Ha, Nos, Hort and Hilo Lakhs)																														
Sl. No	Name of the work	Unit cost		2013-14		2014-15		2015-16		2016-17		2017-18		2018-19		2019-20		2020-21		2021-22		2022-23		2023-24		2024-25		Amount		
		Per	Rate	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	
1	Plantations (SMM Method)																													
1	Advance operations(1.10ha)	1 Ha	0.627	1.20	0.752																							1.20	0.752	
2	Raising of Nursery	Nos	13.570	1600	0.217																							1600	0.217	
3	Raising of plantations	1 Ha	1.226			1.20	1.472																					1.20	1.472	
4	Maintenance of Nursery	Nos	7.920			1600	0.127																					1600	0.127	
5	Raising of Nursery for 1st year maint	Nos	14.920			334	0.050																					334	0.050	
6	1st year maintenance	1 Ha	0.505					1.20	0.606																			1.20	0.606	
7	Maintenance of Nursery	Nos	8.710					334	0.029																			334	0.029	
8	Raising of Nursery for 2nd year maint	Nos	16.410					334	0.055																			334	0.055	
9	2nd year maintenance	1 Ha	0.548							1.2	0.638																	1.20	0.638	
10	Maintenance of Nursery	Nos	9.580							334	0.032																	334	0.032	
11	3rd year maintenance	1 Ha	0.412									1.20	0.495															1.20	0.495	
12	4th year maintenance	1 Ha	0.188											1.20	0.225													1.20	0.225	
13	5th year maintenance	1 Ha	0.061													1.20	0.073											1.20	0.073	
14	6th year maintenance	1 Ha	0.067															1.20	0.080									1.20	0.080	
15	7th year maintenance	1 Ha	0.073																	1.20	0.088							1.20	0.088	
16	8th year maintenance	1 Ha	0.081																		1.20	0.097						1.20	0.097	
17	9th year maintenance	1 Ha	0.089																				1.20	0.107				1.20	0.107	
18	10th year maintenance	1 Ha	0.098																							1.20	0.117	1.20	0.117	
	Sub-Total>					0.970	1.648	0.690	0.690	0.690	0.690	0.495	0.225	0.073	0.080	0.080	0.080	0.088	0.097	0.097	0.107	0.107	0.117	0.117	0.117	0.117			5.280	

Sl. No.	Particulars of the work	Unit cost		2023-24		2024-25		2025-26		2026-27		2027-28		2028-29		2029-30		2030-31		2031-32		2032-33		2033-34		2034-35		Amount	
		Per	Rate	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin		
II	Chain Link Fencing																												
1	Erection of Chain Link fencing around the CA Plantation	1 Rmt	0.0197		0.000	439	8.666																			439	Rmt	8.666	
2	Salvaging of old Chain link for 10 Years	638.5 Sqmt	0.8060					0.081	0.081				0.081	0.081			0.081	0.081							0.081	0.081	630.8	Sqm	0.806
	Sub-Total>				0.000		8.666	0.081	0.081				0.081	0.081			0.081	0.081							0.081	0.081		9.472	
	Sub Total of Plantation cost				0.970		10.314	0.771	0.771				0.575	0.306			0.153	0.161							0.187	0.198		14.752	
III	SMC works (25% of total planting cost)		3.688				1.844		0.000				0.000	0.000			0.000	0.000							0.000	0.000		3.688	
IV	Monitoring and Evaluation 5% of total planting cost		0.738				0.246		0.246				0.000	0.000			0.000	0.000							0.000	0.000		0.738	
V	Administration cost @ 10% on total plantation cost (Wages to NTM, DEO and other office expenditure)	LS	1.475		0.295		0.295		0.295				0.295	0.000			0.000	0.000							0.000	0.000		1.475	
	Sub-Total>				0.295		2.385		0.541				0.295	0.000			0.000	0.000							0.000	0.000		5.901	
	Grand Total>>				1.265		12.699		1.311				0.870	0.306			0.153	0.161							0.187	0.198		20.653 or 20.653	

Sd/-YVK Shanmukh Kumar,
District Forest Officer,
SPSR Nellore.

COUNTER SIGNED

Chief Conservator of Forests
GUNTUR CIRCLE,
GUNTUR.

h/tcbo//
Superintendent.
21/6/22

Statement Showing the afforestation Scheme Proposals over an extent of 1.20 Ha (1/2 times SZA area of M/s Chettinadu mines) In degraded Chagannam RF , of Venkateswara Range , Nellore Division

Sl. No	Name of the work	Unit cost		2023-24		2024-25		2025-26		2026-27		2027-28		2028-29		2029-30		2030-31		2031-32		2032-33		2033-34		2034-35		Amount			
		Per	Rate	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin		
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1	Advance operations(1.10ha)	1 Ha	0.627	1.20	0.752																						1.20	0.752			
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6	1st year maintenance	1 Ha	0.505					1.20	0.606																		1.20	0.606			
7	Maintenance of Nursery	Nos	8.710					334	0.029																		334	0.029			
8	Raising of Nursery for 2nd year maint	Nos	16.410					334	0.055																		334	0.055			
9	2nd year maintenance	1 Ha	0.548							1.2	0.658																1.20	0.658			
10	Maintenance of Nursery	Nos	9.580							334	0.032																334	0.032			
11	3rd year maintenance	1 Ha	0.412									1.20	0.495														1.20	0.495			
12	4th year maintenance	1 Ha	0.188											1.20	0.225												1.20	0.225			
13	5th year maintenance	1 Ha	0.061													1.20	0.073										1.20	0.073			
14	6th year maintenance	1 Ha	0.067															1.20	0.080								1.20	0.080			
15	7th year maintenance	1 Ha	0.073																	1.20	0.088						1.20	0.088			
16	8th year maintenance	1 Ha	0.081																		1.20	0.097					1.20	0.097			
17	9th year maintenance	1 Ha	0.089																					1.20	0.107		1.20	0.107			
18	10th year maintenance	1 Ha	0.098																							1.20	0.117	1.20	0.117		
	Sub-Total>						0.970		0.690		0.690		0.495		0.225		0.073		0.080		0.088		0.097		0.107		0.117		5.280		

Sl. No	Name of the work	Unit cost		2023-24		2024-25		2025-26		2026-27		2027-28		2028-29		2029-30		2030-31		2031-32		2032-33		2033-34		2034-35		Amount	
		Per	Rate	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
II	Chain Link fencing																												
1	Erection of Chain Link fencing around the CA Plantation	1 Rmt	0.0197		0.000	439	8.666																					439 Rmt	8.666
2	Salvaging of old Chain link for 10 Years	658.5 Sqmt	0.8060						0.081		0.081		0.081		0.081		0.081		0.081		0.081		0.081		0.081		0.081	630.8 Sqmt	0.806
	Sub-Total>				0.000		8.666		0.081		0.081		0.081		0.081		0.081		0.081		0.081		0.081		0.081		0.081		9.472
	Sub Total of Plantation cost				0.970		10.314		0.771		0.771		0.575		0.306		0.153		0.161		0.169		0.178		0.187		0.198		14.752
III	SMC works (25% of total planting cost)		3.688				1.844		0.000		0.000		0.000		0.000		0.000		0.000		0.000		0.000		0.000		0.000		3.688
IV	Monitoring and Evaluation 5% of total planting cost		0.738				0.246		0.246		0.246		0.000		0.000		0.000		0.000		0.000		0.000		0.000		0.000		0.738
V	Administration cost @ 10% on total plantation cost (Wages to NTM, DEO and other office expenditure)	LS	1.475		0.295		0.295		0.295		0.295		0.295		0.000		0.000		0.000		0.000		0.000		0.000		0.000		1.475
	Sub-Total>				0.295		2.385		2.385		0.541		0.295		0.000		0.000		0.000		0.000		0.000		0.000		0.000		5.901
	Grand Total>>				1.265		12.699		3.156		1.311		0.870		0.306		0.153		0.161		0.169		0.178		0.187		0.198		20.653
																													or 20.653


 District Forest Officer,
 SPSR Nellore.

22/12/22
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ABSTRACT ESTIMATE

Estimate for erection of Chain link fencing about 439 Rmt length and 1.50Mts height around proposed 1.2 Ha (1 1/2 times SZA area of quarry lease of M/s Chettinadu Mines) in degraded Chaganam RF of Venkatagiri Range.

Sl. No	Qty.	Units	Description of work	Rate	Per	Amount
1	2	3	4	5	6	7
1	22.45	Cum	Earth work excavation for foundation and depositing on bank for all lifts with an initial lead of 10m including all operational, incidental, labour charges such as shorting, sheeting, planking, strutting etc., complete for finished item of work including seigniorage excluding dewatering charges etc as per SS -20b (APSS 308)	202.64	Cum	4549
2	22.45	Cum	Plain Cement concrete (M 15) Nominal Mix using 20mm grades metal including cost of mixing, laying, cost and conveyance of all labour and materials at site of work complete	7001.98	Cum	157174
3	439.00	Rmt	Providing 1.50 metre high fencing with angle iron posts 50 mm x 50 mm x 6 mm at 3 metre center to center with 0.45 metre embedded in M15 grade cement concrete, corner, end and every 10th post to be strutted, provided with Hot Dipped Galvanised Chain Link Mesh 8 Gauge (4mm) as per IS 2721-1979 3" X 3" mesh or 75 mm x 75 mm mesh and fixed to iron posts by flat iron 50 x 5 mm and bolts etc. up to 1.50mts a complete in all respects. (MORTH Suggestive), with Painting two coats including priming	1014.42	Rmt	445330
			Sub total			607053
			GST @ 12% of estimate cost			72846
			Labour Cess @ 1% of estimate cost			6071
			Contingencies @ 5% on estimate cost			30353
			Total cost			716322

Unit cost for 2022-23 716322
Add 10% for 2023-24 787954
Add 10% for 2024-25 866750
Rate per 1 Rmt 1974.37 Rmt


District Forest Officer,
SPSR Nellore.


20/01/22

DETAILED ESTIMATE

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Estimate for erection of Chain link fencing about 439 Rmt length and 1.50Mts height around proposed 1.2 Ha (1.12 times SZA area of quarry lease of M/s Chettinadu Mines) in degraded Chaganam RF of Venkatagiri R. nge.

Sl. No	Description of work	Nos	Measurements			Quantity	
			L	B	D		
1	2	3	4	5	6	7	
1	Earth work excavation for foundation and depositing on bank for all lifts with an initial lead of 10m including all operational, incidental, labour charges such as shorting, sheeting, planking, strutting etc., complete for finished item of work including seigniorage excluding dewatering charges etc as per SS -20b (APSS 308)						
	For a Length of = 439 RMT as per sketch	439.0					
	For Fencing Angels @ Every 3mtr Intravals	146	0.45	0.45	0.45	13.33	
	Support Angels @ Every 10th Angle (439/10x2= 84)	88	0.45	0.45	0.45	8.02	
	Support Angulars in corners and addl support	12	0.45	0.45	0.45	1.09	
	Total Qty					22.45	Cum
2	Plain Cement Concrete (M 15) Nominal Mix using 20mm grades metal including cost of mixing, laying, cost and conveyance of all labour and materials at site of work complete						
	For a Length of =439 RMT as per sketch						
	For Fencing Angels @ Every 3mtr Intravals	146	0.45	0.45	0.45	13.33	
	Support Angels @ Every 10th Angle	88	0.45	0.45	0.45	8.02	
	Support Angulars in corners and addl support	12	0.45	0.45	0.45	1.09	
	Total Qty					22.45	Cum
3	Providing 1.50 metre high fencing (with angle iron posts 50 mm x 50 mm x 6 mm at 3 metre center to center with 0.60 metre embedded in M15 grade cement concrete, corner, end and every 10th post to be strutted, provided with Hot Dipped Galvanised Chain Link Mesh 8 Gauge (4mm) as per IS 2721-1979 3" X 3" mesh or 75 mm x 75 mm mesh and fixed to iron posts by flat iron 50 x 5 mm and bolts etc. up to 1.50mts complete in all respects. (MORTH Suggestive)	1	439.0	-	-	439.0	Rmt

District Forest Officer,
SPSR Nellore

20/6/22

LEAD STATEMENT- 2022-23

Sl. No.	Description	SOR Item Code	Source of Material	Lead in KM	Initial Cost	Conveyance Charges	Deduct 1 Km lead	Net Conveyance	Add Seigniorage	Total (6+9+10)	Unit Per
1	2	3	4	5	6	7	8	9	10	11	13
1	Cost of Cement	G.O.RT.No. 335, TRANSPORT, ROADS AND BUILDINGS (R-I) DEPARTMENT Dated: 14-10-2020.	At site/at Utukuru	5	3680.00	54.10	20	33.80	0	3713.80	1 MT
2	Cost of Sand (Unscreened)	GO MAT-00027	Reach at Swarnamukhi River	145	605.00	1715.40	33.700	1681.70	100	2386.70	1 Cum
3	Cost of 20 mm Metal	M-53 MAT-00218	Sydapuram	115	1418.00	1329.60	32.50	1297.10	90	2805.10	1 Cum
4	Cost of Anglers & Flats	ENC, PH&ME, Guntur No. Lr No C.Memo.No. 146/T4/AE/steel/2022dt. 17-5-2022	At site/ Utukuru	5	63000.00	54.10	20	33.80	0	63033.80	1 MT

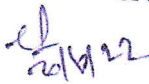
District Forest Officer,
SPSR Nellore

20/6/22

Item Code	Description of Item	Per	Unit	Rate	Amount
BLDCSTN-2-1	Excavation for Structures				
	Earth work excavation for foundation and depositing on bank for all lifts with an initial lead of 10m including all operational, incidental, labour charges such as shorting, sheeting, planking, strutting etc., complete for finished item of work including seigniorage excluding dewatering charges etc as per SS -20b (APSS 308)				
	Ordinary soil				
	Manual Means Upto 3 m depth				
	Unit = cum				
	Taking output = 10 cum				
	a) Labour				
	Mate	day	-		
	Mazdoor (Unskilled)	day	3.64	490.00	1783.60
	b&c) Overheads & Contractors Profit				242.84
	Cost for 10 cum = a+b+c				2026.44
	Rate per cum = (a+b+c)/10				202.64
BLD-CSTN-3-12	Plain Cement concrete (M 15) Nominal Mix using 20mm grades metal including cost of mixing, laying, cost and conveyance of all labour and materials at site of work complete				
	using 20mm metal using concrete mixer				
	Unit : 1cum				
	A. MATERIALS:				
	Cement	Kg	275.00	3.714	1021.30
BLD-CSTN-3-12	Coarse aggregate 20mm	cum	0.90	2805.10	2524.59
	Fine aggregate (Sand)	cum	0.48	2386.70	1145.62
	Water (including for curing) (Urbun)	kl	1.20	88.00	105.60
	B. MACHINERY				0.00
	Concrete Mixer 10/7cft(0.2/0.8 Cum) capacity	hour	1.00	626.20	626.20
	C. LABOUR:				0.00
	Mason 1 st class	day	0.10	585.00	58.50
	Mazdoor (unskilled)	day	1.39	490.00	681.10
	Sub total				6162.90
	Overheads & Contractors Profit		13.615%		839.08
	Grand Total				7001.98
RBR-TSRA-7	Painting on Steel Surfaces				
	Providing and applying two coats of ready mix Enamel paint including primer coat of approved brand on steel surface after through cleaning of surface to give an even shade as per drawing and Technical Specification Clause 1701MORD				
	Unit = sqm				
	Taking output = 10 sqm				
	a) Labour				
	Painter CL-1	day	0.00	655.00	0.00
	Painter (2nd Class)	day	0.60	525.00	315.00
	Mazdoor (Unskilled)	day	0.40	490.00	196.00
	b) Material				
	Red-oxide Primer as per specifications (Item No. BMT-J-03)	litre	0.60	121.00	72.60
	Paint ready mixed approved brand (Item No. BMT-J-30)	litre	1.25	172.00	215.00
	Sub total				798.60
	Overheads & Contractors Profit		13.615%		108.73
	Cost for 10 sqm = a+b+c+d				907.33
	Rate per sqm = (a+b+c+d)/10				90.733

Item Code	Description of Item	Per	Unit	Rate	Amount
RBR-TSRA-17	Fencing With Hot Dipped Galvanised Iron Chain Link Mesh				
	Providing 1.50 metre high fencing with angle iron posts 50 mm x 50 mm x 6 mm at 3 metre center to center with 0.45 metre embedded in M15 grade cement concrete, corner, end and every 10th post to be struted, provided with Hot Dipped Galvanised Chain Link Mesh 8 Gauge (4mm) as per IS 2721-1979 3" X 3" mesh or 75 mm x 75 mm mesh and fixed to iron posts by flat iron 50 x 5 mm complete in all respects. (MORTH Suggestive)				
RBR-TSRA-17	Unit = Running metre				
	Taking output = 30 m				
	a) Labour				
	Mate	day	-		
	Welder	day	1.00	575.00	575.00
	Mazdoor	day	2.12	490.00	1038.80
	b) Material				
	i) Angle iron for posts 50 x 50 x 6 mm (Proportionate weight for 1.50Mts).	kg	105.40	63.03	6643.76
	ii) Runner flat 50 x 5 mm (Proportionate weight for 1.50Mts).	kg	29.97	63.03	1889.12
	iii) Hot Dipped Galvanised Chain Link Mesh 8 Gauge (4mm) as per IS 2721-1979 3" X 3" mesh 8 gauge or 75 mm x 75 mm mesh (30 mtrX1.5 Mtr) (Item No. BMT-F.22,)	Sqm	45.00	345.00	15525.00
	Add 2.5 percent of cost of material for drilling holes in angles, flats, splitting angle at bottom, nuts and bolts and welded consumables				388.13
	d) Painting				
	Painting two coats including priming	sqm	8.00	90.73	725.86
	Sub total				26785.67
	Overheads & Contractors Profit		13.615%		3646.87
	Cost for 30 metre = a+b+c+d+e+f				30432.54
	Rate per metre = (a+b+c+d+e+f)/30				1014.42


 District Forest Officer,
 SPSR Nellore



PRIMARY BEDS

STANDARD UNIT COST FOR RAISING OF PRIMARY BEDS FOR RAISING OF NTHS SPECIES (As per FSR 2022-23)

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Sl. No.	Qty.	Description of work	2021-22 FSR Item No.	Rate	Per/ Unit	Amount
1	2	3	4	5	6	7
1	1100 Nos.	Preparation of old site - by clearing the site by dismantling old beds.	01-02-002	1.78	Bed/ 333 Nos.	5.88
2	1100 Nos.	Digging soil to a depth of 30 cm	01-02-003	52.74	Bed/ 333 Nos.	174.22
3	1100 Nos.	Cost of sandy soil 50% of dugged quantity and transportation taken from private lands, with 5 kms lead loading and unloading charges by mannual means (Sandy soil and FYM. in 5:1 proportion) 0.125 cum per bed	01-02-004	43.25	Bed/ 333 Nos.	142.87
4	1100 Nos.	Cost and transport of Farm yard manure (Sandy soil and FYM. in 5:1 proprtion) 0.025 cum per bed	01-02-005	50.00	Bed/ 333 Nos.	165.17
5	1100 Nos.	Preparation of soil mixture of red earth, sand and farm yard manure in 5:1 proportion and formation of bed by refilling the excavated portion of the bed and filling of bed.	01-02-006	14.74	Bed/ 333 Nos.	48.69
6	1100 Nos/ 6.30 Kgs	Cost of seed Nallamaddi @ Rs.131.81/Kg. 175 seedlings per Kg seed	Actuals	131.81	Kg	830.40
7	1100 Nos.	Sowing of seed and covering the bed with hay including cost and conveyance to a thickness of 2.5 cm.	01-02-008	16.75	Bed/ 333 Nos.	55.33
8	1100 Nos./ 2 months	Watering the primary nursery beds with rose water cans for a maximum period of 2 months. <u>Note:</u> Watering the primary beds beyond 2 months especially in the case of North-East monsoon areas prior approval of the CF concerned is required.	01-02-009	18.79	Bed/ 333 Nos/ month	124.14
9	1100 Nos./ 2 times	Weeding the primary beds maximum of 2 times <u>Note:</u> Weeding the primary beds more than 2 times prior approval of the CF concerned is required.	01-02-010	2.81	Bed/ 333 Nos/ time	18.56
10	1100 Nos.	Contingences such as cost of pipes, nursery board, electricity bills etc - 10% of estimate cost	01-05-035			156.74
			Total :			1722.00

Unit Cost for Bed (Misc. Species)	1.72
Add 10% for 2023-24	0.17
Unit Cost for 2023-24	1.89
Unit Cost for 2024-25	2.08

District Forest Officer,
SPSR Nellore.

20/6/22

**STANDARD UNIT COST FOR RAISING OF 6"X12" NTSH & RED SANDERS BAG PLANTS
NURSERY (As per FSR 2022-23)**

939

Sl. No.	Qty.	Description of work	2021-22 FSR Item No.	Rate	Per/ Unit	Amount
1	2	3	4	5	6	7
		Raising of Bag plant nursery in Polythene bags of different sizes and arranging in beds (Bed size 10Mx1M)				
1	1100 Nos.	Site preparation for old site - Clearing of growth, weeds, grass etc.	01-05-002	18.02	Bed/ 1100	18.02
		Cost and transport of ingredients for Potting mixture Red Soil and Clayey Soil in 2:1 ratio as per CSSR 2011-12				
2	1100 Nos.	15 cm X 30 cm (6" X 12") 2.15 cum.	01-05-005	745.08	1000 Nos.	819.59
		Preparation of potting mixture Red Soil and Clayey Soil in 2:1 ratio by powdering of various ingredients, sieving and mixing them in the prescribed proportion, Opening the bags and filling with potting mixture and gently pressing the same with finger tips and arranging in beds.				
3	1100 Nos.	15 cm X 30 cm (6" X 12") 2.15 cum.	01-05-011	1804.07	1000	1984.48
4	1150 Nos./ 10 Kgs	Cost of Polythene bags (@ 115 Nos./Kg) Tender rate	01-05-015	144.93	Kg	1449.30
5	1100 Nos.	Picking out seedlings from primary beds and transplanting in bags.	01-05-016	191.070	1000	210.18
6	1000 Nos./ 5 months	Watering the plants twice a day for 10 m X 1 m size bed (2600-4"X7" bags; 1700-5"X9" bags; 1100-6"X12" bags and 800-8"X12" bags)	01-05-020	441.46	Bed/ 1100/ month	2006.64
7	1000 Nos./ 2 times	Weeding only two times for 10 m X 1 m size bed (2600-4" X 7" bags; 1700-5" X9" bags; 1100-6"X12" bags and 800-8"X12" bags)	01-05-022	68.07	Bed/ 1100/ weeding	123.76
8	1000 Nos./ 1 time	Shifting & grading and rearranging in beds for 10mx1m size bed (6x12 bags-1100 Nos) only once	01-05-024	375.39	Bed/ 1100/ shifting	341.26
9		Cost of chemicals, insecticides, pesticides etc.,	01-05-025	Actuals		350.00
10	1000 Nos./ 1 time	Cost of cow dung slurry	01-05-033	As per actuals		350.00
11	1000 Nos./ 1 time	Application of cow dung slurry at the rate of 100 ml to 250 ml. per plant depending upon the size of the plant monthly twice maximum of 3 times. (Once in raising and 2 times in maintenance) <u>Note:</u> Watering should not be done 12 hours before and after application of cow dung slurry.	01-05-034	282.78	1000/ time	282.78
12	1000 Nos./ 25 Rmt	<u>Brush wood fencing around the planting area:</u> Thorny fencing with sturdy thorn material of 10 cm. girth (at the butt end) and fixing in crow bar holes and strengthening with stone packing. The average height of fence should be 1.5 m and fencing material should be fixed in 2 rows (staggered) at 30 cm apart. The fence should be tightened horizontally by tying with thorny reapers on both sides.	01-05-039	38.35	Rmt	958.75
13	1000 Nos./ 5 months	Cost of Protection. 1 watcher is allowed upto 100 beds nursery under all the schemes and more than 100 beds 1 more watcher is allowed. Average per 100 beds. (26 days per month)	01-05-041	456.00	Day	593.00
14	1000 Nos	Contingencies/ Cost of pipes/ Nursery board/ Nursery implements/ Electricity bill/ Running and maintenance charges of oil engine (Bills to be verified and certified by the ACF/DFO) etc.	01-05-038	Subject to maximum of 10% of estimate cost during raising year.		950.00
		Total :				10437.76

A- Unit cost per primary bed

1.89

B- Unit cost per bag plant

10.44

Total unit cost per bag plant (A+B)

12.33

Add 10% for 2023-24

13.57

Add 10% for 2024-25

14.92

Add 10% for 2025-26

16.41

Each bag plant

District Forest Officer,
SPSR Nellore.

20/6/22

STANDARD UNIT COST FOR MAINTENANCE OF 6"X12" NTSH & RED SANDERS BAG PLANTS (As per FSR 2022-23)

2A

Sl. No.	Qty.	Description of work	2021-22 FSR Item No.	Rate	Per/ Unit	Amount
1	2	3	4	5	6	7
		Maint.of bag nursery from April to July				
1	1000 Nos./ 4 months	Watering the plants for 10 m X 1 m size bed (2600-4"X7" bags; 1700-5"X9" bags ; 1100-6"X12" bags and 800-8"X12" bags) Note: Any watering beyond July in case of South-West monsoon and beyond October in case of North-East monsoon is to be allowed with prior permission of concerned CF.	01-05-028	441.46	Bed/ 1100/ month	1605.31
2	1000 Nos./ 4 times	Weeding maximum four times during maintenance year for 10mx1m size bed (2600-4"X7" bags; 1700-5"X9" bags; 1100-6"X12" bags and 800-8"X12" bags)	01-05-030	68.07	Bed/ 1100/ weeding	247.53
3	1000 Nos./ 2 times	Shifting and grading and re-arranging in beds for 10 m X 1 m size bed maximum 2 shifts (6x12 bags-1100 Nos) Note: More than 2 shifts to be allowed (with prior permission of circle head)	01-05-032	375.39	Bed/ 1100/ shifting	682.53
4	1000 Nos./ 2 times	Cost of cow dung slurry	01-05-033		Actuals	900.00
5	1000 Nos./ 2 times	Application of cow dung slurry at the rate of 100 ml to 250 ml. per plant depending upon the size of the plant monthly twice maximum of 3 times. (Once in raising and 2 times in maint.) Note: Watering should not be done 12 hours before and after application of cow dung slurry.	01-05-034	282.78	1000/ time	565.56
		Maintenance of bag nursery from August onwards till disposal				
6	1000 Nos./ 4 months	Watering the plants for 10mX1m size bed (2600-4"X 7" bags; 1700-5"X9" bags; 1100-6"X12" bags and 800-8"X12" bags)	01-05-035	176.60	Bed/ 1100/ month	642.18
7	1000 Nos./ 2 times	Shifting and grading and re-arranging in beds for 10 m X 1 m size bed (6x12 bags-1100 Nos) Note: More than 2 shifts to be allowed (with prior permission of circle head)	01-05-037	375.39	Bed/ 1100/ shifting	682.53
9	1000 Nos./ 8 months	Cost of Protection. 1 watcher is allowed upto 100 beds nursery under all the schemes and more than 100 beds 1 more watcher is allowed, Average 100beds. (26 days/month).	01-05-041	456.00	Day	948.00
10	1000 Nos.	Contingencies/ Cost of pipes/ Nursery board/ Nursery implements/ Electricity bill/ Running and maintenance charges of oil engine (Bills to be verified and certified by the ACF/DFO) etc.	01-05-038	Subject to maximum of 5% of the estimate cost during maint.year		326.37
		Total :				6600.00

Unit cost per bag plant 6.60
 Add 10% for 2023-24 0.66
Unit Cost for 2023-24 7.26
Unit Cost for 2024-25 7.92
Unit Cost for 2025-26 8.71
Unit Cost for 2026-27 9.58 Each bag plant


 District Forest Officer,
 SPSR Nellore.
 20/6/22

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Standard Unit Cost for Advance Operations for 1 Ha degraded RF in Nellore Division of Guntur Circle (As per FSR 2022-23)						
SL No	Qty.	Details of work	FSR item No.	Rate	Unit	Amount
	(1)	(2)	(3)	(4)	(5)	(6)
		Advance operations (Preplanting operations)				
1	1	Survey with GPS (Only staff to carry out. One manday is allowed for assistance) Wage rate fixed by the Dist. Collector per day	02-05-001	456.00	Day	456.00
		Preparation of site for planting by clearing thorny unsaleable, unusable jungle growth, creepers, bushes etc., spreading the cut material all over the site and burning the same.				
2	1.00	Medium Jungle Growth (>30% ground area covered with Jungle growth)	02-05-005	11198.92	Ha	11198.92
3	150	Formation of sector lines/ inspection paths/ fire lines of a width of 3m by giving surface treatment (sector to be in conformity with slope direction). All stumps to be cut to ground level. Applicable for plantations other than SMM	02-05-006	7.89	Rmt	1183.50
		Uprootal of stumps to a depth of 45 cm (excluding unsuitable patches) with heavy machinery fitted with 0.90 cum and above capacity bucket, filling the pits caused by uprootal and leveling.				
4	1.00	Medium Jungle Growth (>30% ground area covered with Jungle growth)	02-05-010	28283.72	Ha	28283.72
		Collection and removal of uprooted stumps of all sizes, other debris etc., to outside the plantation site.				
5	1.00	Medium Jungle Growth (>30% ground area covered with Jungle growth)	02-05-014	14628.41	Ha	14628.41
6		Contingencies				1249.45
		Total Cost				57000.00

Unit cost for 2022-23 57000.00 Per Ha
Add 10% for 2023-24 62700.00 per Ha

District Forest Officer,
SPSR Nellore.

rel
20/6/22

Standard Unit Cost for Raising of NTSH Plantations under SMM Method for NTSH & Red Sanders Unit cost for 1 Ha degraded RF in Nellore Division of Guntur Circle (As per FSR 2022-23)

Sl. No.	Qty.	Description of work with detailed specifications	FSR Code	Rate in Rs.	Per/ Unit	Amount
		Deep ploughing the plantation area to a depth of 30 cm with heavy duty tractor of 45 HP and above across the slope with mould board plough (Untilled areas)				
1	1.00	Hard /Gravelly Soils	02-05-020	7263.38	Ha	7263.38
2	1.00	Removing congestion of root suckers and other uprooted material hindering the effective ploughing (For non-tilled areas only)	02-05-024	1245.09	Ha	1245.09
		Alignment & Staking				
3	1111	Alignment and staking including laying base line for Misc species with espacement 3mX3m (1111 Nos)	02-06-003	108.16	100 Nos	1201.66
4	1111	Cost of 0.45M Stake preparation and transportation to site.	02-06-005	70.42	100 Nos	782.37
		Transport of Bag plants / Root trainer plants from nursery site to plantation site including loading and unloading upto 50 Km lead (5 Km lead)				
5	1111.00	15X30cm (6"X12") bag plants	02-06-009	185.09	100 Nos	2056.350
		Transport of Bag plants / Root trainer plants from nursery site to plantation site including loading and unloading beyond 5 Km - extra for every each Km average lead 45 Km				
6	1111.00	15 X 30cm (6"X12") bag plants	02-06-014	292.05	100 nos/ km	3244.676
		Internal transport of bag plants/root trainers to planting points on head loads.				
7	1111	15X30cm (6"X12") bag plants	02-06-019	118.73	100 Nos	1319.09
		Digging of pits in ploughed areas				
8	1111	Digging of 45 cm. cube pits	02-06-027	11.89	Each	13209.79
		Application of Fertilizers				
9		Cost of Chemical fertilisers (50 grm SSP for basal dressing, 20 grm DAP after planting for 30 cm ³ & 45 cm ³ pits).	02-06-031		As per actuals	
	56.00	a) Cost of SSP @ 50 Grams/Pit - 56Kgs/Ha		30.00	Kg	1680.00
	22.00	a) Cost of DAP @ 20 Grams/Pit - 22 Kgs/Ha		45.00	Kg	990.00
10	1111	Application of fertilizer after planting by making 3 holes of 10 cmts depth with crow bar . 10 cmts away from plant amd putting fertilizers and closing	02-06-032	50.79	100 Nos	564.28
		Planting bag plants				
11	1111	45cmX45cmX45 cm pits	02-06-034	565.54	100 Nos	6283.15
12	1111	Provision of watering during planting as per PCCFs Circular 6B/06/G1, (Rc.No. 17309/2000-G1, dt: 16.08.2005) with the permission Circle Head (Two Waterings) As per condition no.80 of Guntur FSR-2021-22	02-06-054	3.26	Plant per time	7243.72
13		Replacement of Casualties 15% during raising year	02-06-036			
	167	a) Reopening of pits		594.50	100 Nos	990.73
	167	b) Transport of bag plants over 50 Km		477.14	100 Nos	796.82
	167	c) Internal transport		118.73	100 Nos	198.28
	167	d) Planting		565.54	100 Nos	944.45
		Weeding & Soil working				
14	1111	Circular weeding cum deep soil working to a radius of 0.5 m and to a depth of 15 cm around the plant to be done with pick axes for the plants planted in pits without disturbing the soil around the plant to 10 cm wide but weeding that part of area by hand and formation of saucer in hard gravelly soils.	02-06-041	848.32	100 Nos	9424.84
		Inter ploughing				
15	1.00	1st Inter ploughing with heavy duty tractor of 45 HP to a depth of 30 cm in hard gravelly soils	02-06-045	4841.54	Ha	4841.54
16	1.00	2nd Inter ploughing with heavy duty tractor of 45 HP to a depth of 30 cm in hard gravelly soils	02-06-045	4841.54	Ha	4841.54
17	150	Creation of sectorlines/inspection paths/ fire lines 3 mts wide around the plantation	02-06-049	7.89	Rmt	1183.50
18	1 No./ 8 months	Cost of Protection. One watcher is allowed for 20 Ha plantation. If the area is less prior approval of Circle Head is required.Wage rate fixed by the Dist.Collector per day.	02-06-053	456.00	Day	4742.40
19	1111	Provision of watering during planting as per PCCFs Circular 6B/06/G1, (Rc.No. 17309/2000-G1, dt: 16.08.2005) with the permission Circle Head (Six Waterings) As per condition no.80 of Guntur FSR-2021-22	02-06-054	3.26	Plant per time	21731.16
20		Contingencies for enumeration of survivals, fixing 10th line stones, cost of numbering with paint/ white washing, sector stones, plantation boards, journals etc.	02-06-056	As per actuals subject to maximum of 10% of estimate cost during raising year		4572.00
		Total cost				101350.81

Unit cost for 2022-23 101350.81
Add 10% for 2023-24 111485.89
Add 10% for 2024-25 122634.48 Per Ha

District Forest Officer,
SPSR Nellore.

Standard Unit Cost for 1st Year Maintenance of NTSH Plantations under SMM Method for NTSH & Red Sanders Unit cost for 1 Ha Degraded RF in Nellore Division of Guntur Circle
(As per FSR 2022-23)

SL No	Qty	Details of work	FSR Item No.	Per	Unit	Amount
(1)		(2)	(3)	(4)	(5)	(6)
		1st YEAR MAINTENANCE OF PLANTATIONS IN OTHER THAN SANDY SOILS:				
1		Replacement of Casualties 10% in 1st year maint. (watering applicable)	02-07-001			
	111	a) Reopening of pits		1189.00	100 Nos	1319.79
	111	b) Transportation of seedlings.		477.14	100 Nos	529.63
	111	c) Internal transport		118.73	100 Nos	131.79
	111	d) Planting		565.54	100 Nos	627.75
		Application of Fertilizers				
2	1111	Provision of watering during planting as per PCCFs Circular 6B/06/G1, (Rc.No. 17309/2000-G1, dt: 16.08.2005) with the permission Circle Head. As per condition no.80 of Guntur FSR-2021-22	02-06-054	3.26	Plant per time	3621.86
3		Cost of Chemical fertilisers (50 grm SSP for basal dressing, 20 grm DAP for replacement of casualties).	02-07-002		As per actuals	
4	5.55	a) Cost of SSP @ 50 Grams/Pit - 8.35 Kgs/Ha		30.00	Kg	166.50
5	2.22	a) Cost of DAP @ 20 Grams/Pit - 1 Kgs/Ha		45.00	Kg	99.90
6	1111	Application of fertilizer after planting by making 3 holes of 10 cms depth with crow bar. 10 cms away from plant and putting fertilizers and closing	02-07-003	50.79	100 Nos	564.28
		Inter ploughing				
7	1.00	1st Inter ploughing with heavy duty tractor of 45 HP to a depth of 30 cm in hard gravellary soils	02-07-007	4841.54	Ha	4841.54
8	1.00	2nd Inter ploughing with heavy duty tractor of 45 HP to a depth of 30 cm in hard gravellary soils (As per condition no.69 of Guntur FSR-2021-22)	02-07-007	4841.54	Ha	4841.54
9	1111	Circular weeding cum deep soil working to a radius of 0.5 m and to a depth of 15 cm around the plant to be done with pick axes for the plants planted in pits without disturbing the soil around the plant to 10 cm wide but weeding that part of area by hand and formation of saucer in hard gravellary soils.	02-07-011	848.32	100 Nos	9424.84
10	150	Creation of Fire lines 3 mts wide	02-07-014	7.89	Rmt	1183.50
11	1000	Pruning of lower foliage/ branches of NTFP /NTSH/Misc species like kanuga, Neem, Usiri, Seethaphal etc., plants upto 1/3rd height.	02-07-015	160.56	100 Nos	1605.60
12	1 No./ 12 months	Cost of Protection. One watcher is allowed for 20 Ha plantation. If the area is less prior approval of Circle Head is required. Wage rate fixed by the Dist.Collector per day	02-07-017	456.00	Day	7114.00
13		Contingencies for Enumeration of survivals in plantation including cost of paints, replacement of broken stones, plantation boards etc.	02-07-018	As per actuals subject to maximum of 5% of estimate cost during maint. year		1880.00
		Total Cost				37952.51

Unit cost for 2022-23 37952.51

Add 10% for 2023-24 41747.76

Add 10% for 2024-25 45922.53

Add 10% for 2025-26 50514.79

District Forest Officer,
SPSR Nellore.

20/6/22

Standard Unit Cost for 2nd Year Maintenance of NTSH Plantations under SMM Method for NTSH & Red Sanders Unit cost for 1 Ha Degraded RF in Nellore Division of Guntur Circle
(As per FSR 2022-23)

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SUN	Qty	Details of work	FSR Item No.	Per	Unit	Amount
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		2nd YEAR MAINTENANCE OF PLANTATIONS IN OTHER THAN SANDY SOILS/SEMI MECHANICAL METHOD:	02-08:			
1		Replacement of Casualties 10% in 2nd year maint.(Watering applicable)	02-07-001			
	111	a) Reopening of pits		1189.00	100 Nos	1319.79
	111	b) Transportation of seedlings.		477.14	100 Nos	529.63
	111	c) Internal transport		118.73	100 Nos	131.79
	111	d) Planting		565.54	100 Nos	627.75
2	1111	Provision of watering during planting as per PCCFs Circular 6B/06/G1, (Rc.No. 17309/2000-G1, dt: 16.08.2005) with the permission Circle Head.As per condition no.80 of Guntur FSR-2021-22	02-06-054	3.26	Plant per time	3621.86
3	167	Application of fertilizer after planting by making 3 holes of 10 cmts depth with crow bar. 10 cmts away from plant and putting fertilizers and closing	02-08-002	50.79	100 Nos	84.82
4		Cost of Chemical fertilisers (50 gm SSP for basal dressing, 20 gm DAP for backward plants).	02-08-001			
	5.55	a) Cost of SSP @ 50 Grams/Pit - 14 Kgs/Ha		30.00	Kg	166.50
	2.22	a) Cost of DAP @ 20 Grams/Pit - 6 Kgs/Ha		45.00	Kg	99.90
5	1111	Circular weeding cum deep soil working to a radius of 0.5 m and to a depth of 15 cm around the plant to be done with pick axes for the plants planted in pits without disturbing the soil around the plant to 10 cm wide but weeding that part of area by hand and formation of saucer in hard gravellary soils.	02-08-004	848.32	100 Nos	9424.84
		Inter ploughing				
6	1.00	1st Inter ploughing with heavy duty tractor of 45 HP to a depth of 30 cm in hard gravellary soils	02-08-008	4841.54	Ha	4841.54
7	1.00	2nd Inter ploughing with heavy duty tractor of 45 HP to a depth of 30 cm in hard gravellary soils (As per condition no.69 of Guntur FSR-2021-22)	02-08-008	4841.54	Ha	4841.54
8	150	Creation of sectorlines/inspection paths/ fire lines 3 mts wide around the plantation	02-08-012	7.89	Rmt	1183.50
9	1 No./ 12 months	Cost of Protection. One watcher is allowed for 20 Ha plantation. If the area is less prior approval of Circle Head is required. Wage rate fixed by the Dist.Collector per day	02-07-017	456.00	Day	7114.00
10	1000	Pruning of lower foliage/ branches of NTFP /NTSH/Misc species like kanuga, Neem, Usiri, Seethaphal etc., plants upto 1/3rd height.	02-08-015	160.56	100 Nos	1605.60
11		Contingencies for Enumeration of survivals in plantation including cost of paints, replacement of broken stones, plantation boards etc.	02-08-016	As per actuals subject to maximum of 5% of estimate cost during maint.		1856.00
		Total Cost				37449.05

Unit Cost for 2022-23 37449.05
Add 10% For 2023-24 41193.95
Add 10% for 2024-25 45313.35
Add 10% for 2025-26 49845.00
Add 10% for 2026-27 54830.00

District Forest Officer,
SPSR Nellore.
20/6/22

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Standard Unit Cost for 3rd Year Maintenance of NTSH Plantations under SMM Method for NTSH & Red Sanders Unit cost for 1 Ha degraded RF in Nellore Division of Guntur Circle
(As per FSR 2022-23)

SL No	Qty	Details of work	FSR Item No.	Per	Unit	Amount
	(1)	(2)	(3)	(4)	(5)	(6)
		3rd YEAR YEAR MAINTENANCE OF PLANTATIONS IN OTHER THAN SANDY SOILS:				
1	1111	Circular weeding cum deep soil working to a radius of 0.5 m and to a depth of 15 cm around the plant to be done with pick axes for the plants planted in pits without disturbing the soil around the plant to 10 cm wide but weeding that part of area by hand and formation of saucer in hard gravellary soils.	02-09-002	848.32	100 Nos	9424.84
		Inter ploughing				
2	1.00	1st Inter ploughing with heavy duty tractor of 45 HP to a depth of 30 cm in hard gravellary soils	02-09-006	4841.54	Ha	4841.54
3	150	Creation of sectorlines/inspection paths/ fire lines 3 mts wide around the plantation	02-09-008	7.89	Rmt	1183.50
4	1 No./ 12 months	Cost of Protection. One watcher is allowed for 20 Ha plantation. If the area is less prior approval of Circle Head is required. Wage rate fixed by the Dist. Collector per day	02-07-017	456.00	Day	7114.00
5	1111	Pruning of lower foliage/ branches of NTFP /NTSH/Misc species like kanuga, Neem, Usiri, Seethaphal etc., plants upto 1/3rd height.	02-09-010	160.56	100 Nos	1783.82
6		Contingencies for Enumeration of survivals in plantation including cost of paints, replacement of broken stones, plantation boards etc.	02-09-012	As per actuals subject to maximum of 5% of estimate cost during maint. year		1252.30
Total Cost						25600.00

Add 10% for 2022-23 25600.00
 Add 10% for 2023-24 28160.00
 Add 10% for 2024-25 30976.00
 Add 10% for 2025-26 34074.00
 Add 10% for 2026-27 37481.00
 Add 10% for 2027-28 41229.00 Ha

District Forest Officer,
SPSR Nellore.

20/6/22

Standard Unit Cost for 4th Year Maintenance of NTSH Plantations under SMM Method for NTSH & Red Sanders Unit cost for 1 Ha I degraded RF in Nellore Division of Guntur Circle (As per FSR 2022-23)

Sl. No	Qty	Details of work	FSR Item No.	Rate	Per	Amount
	(1)	(2)	(3)	(4)	(5)	(6)
		4th YEAR YEAR MAINTENANCE OF PLANTATIONS IN OTHER THAN SANDY SOILS:				
1	150	Creation of sectorlines/inspection paths/ fire lines 3 mts wide around the plantation	02-10-001	7.89	Rmt	1183.50
2	1 No./ 12 months	Cost of Protection. One watcher is allowed for 20 Ha plantation. If the area is less prior approval of Circle Head is required. Wage rate fixed by the Dist. Collector per day	02-07-017	456.00	Day	7114.00
3	1111	Pruning of lower foliage/ branches of NTFP /NTSH/Misc species like kanuga, Neem, Usiri, Seethaphal etc., plants upto 1/3rd height.	02-10-003	160.56	100 Nos	1783.82
4		Contingencies for Enumeration of survivals in plantation including cost of paints, replacement of broken stones, plantation boards etc.	02-10-004	As per actuals subject to maximum of 5% of estimate cost during maint. year		518.68
		Total Cost				10600.00

0.000

Add 10% for 2022-23	10600.00	Ha
Add 10% for 2023-24	11660.00	Ha
Add 10% for 2024-25	12826.00	Ha
Add 10% for 2025-26	14109.00	Ha
Add 10% for 2026-27	15520.00	Ha
Add 10% for 2027-28	17072.00	Ha
Add 10% for 2028-29	18779.00	Ha

District Forest Officer,
SPSR Nellore.

20/6/22

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**Standard Unit Cost for 5th Year to 10th Maintenance of NTSH Plantations under SMM Method for NTSH
& Red Sanders Unit cost for 1 Ha Degraded RF in Nellore Division of Guntur Circle
(As per FSR 2022-23)**

SL No	Qty	Details of work	FSR Item No.	Rate	Per	Amount
(1)	(2)	(3)	(4)	(5)	(6)	
		5th YEAR YEAR to 10th year MAINTENANCE OF PLANTATIONS IN OTHER THAN SANDY SOILS:				
1	150	Creation of sectorlines/inspection paths/ fire lines 3 mts wide around the plantation	02-10-001	7.89	Rmt	1183.50
3	1111	Pruning of lower foliage/ branches of NTSP /NTSH/Misc species like kanuga, Neem, Usiri, Seethaphal etc., plants upto 1/3rd height.	02-10-003	160.56	100 Nos	1783.82
4		Contingencies for Enumeration of survivals in plantation including cost of paints, replacement of broken stones, plantation boards etc.	02-10-004	As per actuals subject to maximum of 5% of estimate cost during maint. year		150.00
		Total Cost				3117.32

Add 10% for 2022-23	3117.00	Ha	
Add 10% for 2023-24	3429.00	Ha	
Add 10% for 2024-25	3772.00	Ha	
Add 10% for 2025-26	4149.00	Ha	
Add 10% for 2026-27	4564.00	Ha	
Add 10% for 2027-28	5020.00	Ha	
Add 10% for 2028-29	5522.00	Ha	
Add 10% for 2029-30	6074.00	Ha	5th year
Add 10% for 2030-31	6681.00	Ha	6th year
Add 10% for 2031-32	7349.00	Ha	7th year
Add 10% for 2032-33	8084.00	Ha	8th year
Add 10% for 2033-34	8892.00	Ha	9th year
Add 10% for 2034-35	9781.00	Ha	10th year

District Forest Officer,
SPSR Nellore.

21/10/22

Data sheet for Maint., of Chain Link Fencing around CA Area
(As per FSR 2022-23)

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Sl. No.	Qty.	Description of work	2021-22 FSR Item No.	Rate	Per/ Unit	Amount
1	2	3	4	5	6	7
1	658.5	Salvaging of old chain link (439*1.50 = 658.5 sqmt)	05-05-004	5.73	1 sqmt	3773.21
2		Contingencies	02-13-003	LS		26.79
		Total				3800.00

Unit cost for 2022-23 3800.00
 Add 10% for 2023-24 4179.99
 Add 10% for 2024-25 4597.99
 Add 10% for 2025-26 5057.79
 Add 10% for 2026-27 5563.57
 Add 10% for 2027-28 6119.93
 Add 10% for 2028-29 6731.92
 Add 10% for 2029-30 7405.12
 Add 10% for 2030-31 8145.63
 Add 10% for 2031-32 8960.19
 Add 10% for 2032-33 9856.21
 Add 10% for 2033-34 10841.83
 Add 10% for 2034-35 11926.01
80608.20

OR

1st Year
 2nd Year
 3rd Year
 4th Year
 5th Year
 6th Year
 7th Year
 8th Year
 9th Year
 10th Year

District Forest Officer,
SPSR Nellore.

22/6/22