Estimate for Extraction and Transportation of timber in Compt. No. of of MANKL Range of of Shamshabad

	<b>Å</b> .								
SI. No.	FSR Item No.	Nature of work	Quar	ntity	R	ate per	Amount	Corporati on area 40%	Total
	2	3	4	5	6	7	8	9	10
1	06.01 <u>.01</u>	Marking of trees for retention as reserves	337	Nos	226.54	100	763	305	1069
2	06.01.02	Total enumeration of trees	337	Nos	131.20	100	442	177	619
3	06.01.05	Measuring of timber/ poles and stumps	337	Nos	0.42	p No.	142	57	198
4	06.01.06	Collection and removal of debris	1.971	Ha	98.07	P Ha	193	77	271
5	06.01.07	Digit marking of stumps in illicitly felled trees in teak plantations.	0	Ha	2.21	p No.	0	0	0
6	06.01.08	Felling and conversion by saw	2.125	cum	422.99	P cum	899	360	1258
		Conversion of illicitly felled trees including those found during beat inspection including digiting on the stump, belting, measuring, painting and digiting							
7	06.01.11	(i) Teak	1.236	cum	295.94	p cum	366	91	457
8	06.01.12	(ii) Non-Teak	0.889	cum	334.58	p cum	297	119	416
9	06.01.14	Watch and ward charges at coupe (Timber and Fuel) ( As per average of minimum wage fixed by District Collectors in the state for unskilled labour)	12	Nos/M onth	9194.85	P Month	110338	44135	154473
10	06.01.16	Dragging of timber to loading point - plain areas	2.125	Cum.	251.21	Cum.	534	107	641
11	06.01.17	Dragging of timber to loading point - moderate slope( from 10% to 30% slope)	0.000	Cum.	331.85	Cum.	0	0	0
	06.02.	TRANSPORTATION					ļ		
12	06.02.03	Transportation of timber by carts from beat / section Hq. including loading, unloading, dragging charges etc.							
		(i) Upto 1st 10 Kms lead:	1.027		001.24		1105		1105
13		(a) Teak	1.236	Cum.	894.34	Cum.	1105	0	1105 849
14	06.02.04	(b) Non-Teak	0.889	Cum.	955.03	Cum.	849	0	0
15	06.02.04	(ii) 11 Kms to 30 Kms (per each KM) (a) Teak	1.236	Cum.	35.85	Cum.	44	0	4.4
16		(b) Non-Teak	0.889	Cum.	35.05	Cum.	31	0	31
10	06.02.05	(iii) 31 Kms and above (per each KM)	0.007		55105			0	0
17	00102100	(a) Teak	0	Cum.	26.45	Cum.	0	0	0
18		(b) Non-Teak	0.000	Cum.	31.85	Cum.	0	0	0
19	06.02.06	Loading of timber into lorries	0	Cum.	323.7	Cum.	0	0	0
20	06.02.07	Transportation of timber by private lorries ( upto 10 Km)	2.125	Cum.	625.80	Cum.	1330	0	1330
21	06.02.08	Transportation more than 10 Km (add for each addl. 10 Km) (8 Km x 9.10 = )	2.125	Cum.	72.80	Cum.	155	0	155
22	06.02.09	Unloading of timber	2.125	Cum.	121.59	Cum.	258	103	362
	06.03.	LOTTING AND CLASSIFICATION AT DEPOT							
23	06.03.01	Depot numbering of logs with paints (including cost of paints)	2.125	Piece	1.16	Piece	2	1	3
24	06.03.02	Lotting of timber	2.125	Cum.	304.29	Cum.	647	259	905
26	06.03.04	Grading and classification of timber	508	Log.	0.79	Log.	401	161	562
27	06.03.05	Belting and measuring.	2.125	Cum.	26.3	Cum.	56	22	78
28	06.03.06	Cost of paints for painting the lot boards	2.125	Cum.	13.34	Cum.	28	0	2.8
29 30	06.03.07	Electricity charges for Depot Purchase of tapes, ropes & Stationery etc	2.125	Cum.	Actuals 20.53	Cum.	10000	0	
	06.10.00	Classification & lotting in Depots							<b>_</b>
31		(a) Upto 30 cms basal girth (135 poles=1 Cu.m.)	184	poles	188.79	100	347	139	486
32		(b) 31 cms to 45 cms basal girth(40 poles=1Cum)	54	poles	563.17	100	304	122	426
33		(c) 46 cms to 60 cms basal girth(20 poles=1Cum)	68	poles	1127.60	100	767	307	1073
	06.04.	EXTRACTION OF FUEL WOOD							
31	06.04.01	Felling, billeting and stacking of fire wood stacks of size 0.80M x 1.25 M x 1.0 Mt	18.57	Cum.	196.25	Cum.	3644	1458	5102
32	06.04.02	Collection of fuel at loading point	18.57	Cum.	32.92	Cum.	611	245	856
33	06.04.03	Loading of fuelwood into lorries	18.57	Cum.	68.25	Cum.	1267	507	1774
34	06.04.04	Unloading of fuel	18.57	Cum.	22.1	Cum.	410	164	575
35	06.04.05	Splitting of fuelwood at retail sale depots	0	Tonnes	838.69	tonne	0	0	0

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#### File No. PCCF-FC4/FC26/25/2022-FCA SECTION (Computer No. 461748 ) Receipt No : 1608208/2022/FCA SECTION-PCCF

Sl. No.	FSR Item No.	Nature of work	Qua	intity	R	ate per	Amount	Corporati on area 40%	Total
1	2	3	4	5	6	7	8	9	10
	06.08.00	EXTRACTION OF POLES							v
	06.08.01	Felling and conversion of poles in DET areas/ illicitly felled trees including those found in beat inspection and thinning areas:							
36		(a) Upto 30 cm basal girth	184	Pole	6.14	each	1130	452	1582
	··	(b) 31 cms to 45 cms basal girth	54	Pole	13.02	each	703	281	
		(c) 46 cms to 60 cms basal girth	68	Pole	18.90	each	1285	514	984 1799
	06.08.02	Loading Teak Poles :		1010	10.90	Each	1205	514	1799
37	00.00.02	(a) Upto 30cms basal girth	41	Pole	5.88	anah	241	60	201
<u> </u>		(b) 31 cms to 45 cms basal girth	29	Pole	13.02	each	241	60	301
		(c) 46 cms to 60 cms basal girth	29	Pole	18.90		378	151	529
	06.08.03	Loading Non-Teak poles:	Z	Pole	18.90	each	38	15	53
38	00.08.05	(a) Upto 30 cms basal girth	142	Dala	614				1000
			143	Pole	6.14	each	878	351	1229
		(b) 31 cms to 45 cms basal girth	25	Pole	14.96	each	374	150	524
	06.08.04	(c) 46 cms to 60 cms basal girth	66	Pole	27.30	each	1802	721	2523
	06.08.04	Un-Loading Teak Poles :	/1			<u> </u>			
39_		(a) Upto 30 cms basal girth	41	Pole	3.78	each	155	39	194
		(b) 31 cms to 45 cms basal girth	29	Pole	5.88	each	171	68	239
		(c) 46 cms to 60 cms basal girth	2	Pole	10.29	each	21	8	29
	06.08.05	Un-Loading Non-Teak Poles :							
40 _		(a) Upto 30 cms basal girth	143	Pole	3.78	each	541	216	757
		(b) 31 cms to 45 cms basal girth	25	Pole	5.88	each	147	59	206
		(c) 46 cms to 60 cms basal girth	66	Pole	10.29	each	679	272	951
	06.09.00	DRAGGING AND TRANSPORTATION							
	06.09.01	For dragging, transportation including		1		<u> </u>			
		loading & unloading of teak poles - upto 10					.		
		Kms :							
41		(a) Upto 30 cms girth	184	poles	1496.20	100	2753	1101	3854
		(b) 31 cms to 45 cms basal girth	54	Pole	3702.20	100	1999	800	2799
		(c) 46 cms to 60 cms basal girth	68	Pole	7404.34	100	5035	2014	7049
	06.09.02	For dragging, transportation including		1010	1101.51			2014	
		loading & unloading of teak poles - for							
		each additional K.M.over 1st 10 Kms							
42		(a) Upto 30 cms girth	184	poles	77.50	100	143	57	200
<u> </u>		(b) 31 cms to 45 cms basal girth	54	Pole	197.05	100	143	43	200
		(c) 46 cms to 60 cms basal girth	68	Pole	395.15	100			149
		Translocation of trees of girth less than 600	00		575.15	100	269	107	376
		mm including cost of earth mover for trenching at the present site as well as new							
	HMRL, MD	site. Pruning the tree, packing the root ball							
	Proc.	carefully, putting necessary chemicals,							
43	No.04/MD/H	crane for loading and unloading the tree,	0	each	5850	one	0	0	0
	MR/2010-11,	labour charges and cost of protecting the							· ·
	Dt.20.07.11	tree for two months from the date of							
		translocation by timely watering etc.,							
		complete but excluding the cost of							
		transportation of tree							
		Cost of transportation of tree upto 10 Km			- 1		<u>├</u> ───		
				1			1		
44	do	by loading and unloading carefull into tipper	0	trip	4950	trip	0	0	0

Forest Divisional Officer Shamshabad

District Forest Officer Range Reddy.

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# UNIT COST FOR MAINTENANCE OF BAG PLANTS (April to August)

	<b>.</b>					As	per F	SR	Amount
No.	FSR-2019-20 Code		Item of work	Unit	Quantity	Per	Rate	(Rs.)	(Rs.)
	01.04.00	PLAN size s of 5" 8"X1	TAINANCE OF BAG PLANTS NURSERY UPTO TING SEASON (APRIL TO AUGUST) for 10 m X 1 m econdary beds (2600 Nos of 4" X 7" bags; 1700 Nos X9" bags ; 1100 Nos. of 6"X12" bags; 800 Nos. of 2" bags; 400 Nos. of 10"x16" bags per bed)						
	01.04.01	Wate	ering polybag secondary beds twice a day for 4				+-	286.76	1147.04
1	а	Man	ths ually with rose spray or finely perforated nozzle ched to a hose pipe	Bed/month				52.66	
		atta	eding once during maintenance year	Bed/weeding		$+\frac{1}{1}$	+	245.96	
2 3	01.04.02 01.04.03		ting once during maintenance) in beds ting, grading and rearrangement in beds t of foliar nutritient formulations like multiplex or	Bed/shifting			1	20.00	
4	01.04.05	NPK	(-19:19:19; fungicides and insecticides from April 39	As per actua	ls 1		·   		
	01.04.05	Aug Cov foli	ust vdung Slurry application (One can apply chemical ar spray or apply cowdung slurry - not both)		als 1		1	25.0	0 25.00
			st and transportation of fresh cowdung	As per actua		-+-	-+-		0.00
5	01.04.07		eding in the space between the beds, inspection	Bed	1		1	_	0.00
6	01.05.04	4 Co to / J Or nu se Te b V N N	th and sorroundings of Nursery st of Protection: One Nursery Watcher is allowed up 1 lakh RT nursery or 100 secondary beds of polybag 100 Teak beds of 10 x 1 m size or combination of both ne additional Nursery Watcher is permitted for urseries having more than 1 lakh upto 3 lakh R eedlings or more than 100 upto 300 secondray beds of eak beds of 10 x 1 m size or combination of both. For hore than 3 lakh RT or 300 secondray beds of Teat edsor combination of both another additional Nursery Vatcher is allowed. While calculating the number lursery Watcher, care shall be taken to include the extra Nursery Watcher is allowed for primary beds lx1 m size. However, the above narrative is subject the provisions cited under general instructions.	n. T T Or Or Watchei rY month he No of	·   4		100	9194.	85 367.7
								500	0.00 500
			Electricity charges	<u></u>			1		2604
-	8 01.04			otal			1		130
-	9 01.04	1.08	Contingencies @ 5% 2019-20 Te	otal					2734
			cost of each plant (1100 Plants per bed)				1		2.6

10% escalation every year

cei Distric Range

Forest Divisional Officer, Shamshabad

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UNIT COST FOR CONVERSION FROM 4"x7" to 6"x12

			UNIT COST FOR CONTERNATION		<b>1</b>		A	s per FS	R		
	-2019- Code		Item of work	Unit	a	uantity	Per	Rate		Amou	nt (Rs.)
			VERSION of Root Trainer plants or 4"x7" or 5"x9"		$\uparrow$					-	l l
		1.	to be bigher size bags - to be upite during	וי	ļ			ļ			
1		1	where October At the time of conversion, where	-1			1	1			1
1		India	bt of the plants should be at least above 0.45m in	٦ ا	1			1		1	ļ
4		heig	ht (excluding the height of polybag).	4	1						
1_		-	t and Transport of ingredients for Potting Mixture	:						l I	
		·	a the same site / clapy soil, FYM ID 2:1.1 ratio, to site	· • •	- {		1	1		1	1
			- tuture 320 rm of Indobivil M-45, 4.5 Kg of 500		1		1	1		ļ	
			Land and 750 gm 01 photos Broken				-				
1		per	1 cum of potting mixture will be added. cost							1	
		che	micals is as per actuals.								
$\perp$		+-	insportation of soil mixture ingredients							+-	
-+-	01.03.2	- 101					-+-			1-	C 4 5 80
-	c	4"	x 7" to 6" x 12" polybags (2.15 - 0.56 = 1.59 cum)	_	10	110	00 10		588.0		646.80
-+-	01.03.2	2 Tr	ansportation of soil mixture ingredients more that	1 2							
			n distance and upto 25 km distance x 7" to 6" x 12" polybags (2.15 - 0.56 = 1.59 cum)	-†-	No		00 10	00	14.6	50	16.06
2	C				-0	Ļ''		-+-			
-+-	01.03.2	28 0	eparation of Potting Mixture by powdering of vari	ous		ļ	1				
	01.02.4		we have a showing and mixing them in please	0.201		4	1	1		4	
			the start and in a start with put			1	1				1
		1	not the polybag plants of the polybag plants polybag plants polybag plants polybag plants polybag plants plants for the polybag plants of the polybag plants plants for the polybag plants plants for the polybag plants pl	I		1		1			
ļ		- I.	with prograins the same with linger up			4				ł	ł
		- 1		000		1	1				1
l		ľ,	plants / bed and 8"x12" size": 800 bag plants per bed	1)		1					
		- 1				+	100 1	000	1048	1.37	1153.21
3	C		1" x 7" to 6" x 12" polybags (2.15 - 0.56 = 1.59 cum)		No						
	01.03	3.30	Weeding the plants (1100 no. of 6"x12"bags; 800 n 8"x12" bags; and 400 no. of 10"x16" bags)	from		ł	ļ	ł			
	1		8"x12" bags; and 400 no. of 10 x10 elec; November - March: 2 weedings				_ <u>+</u> -		F	2.66	105.32
	┣───				Be		2				491.92
4	01.0	3.31	Shifting, Grading and rearranging in secondary b	eds -	Bo	ed	2	1	24	5.96	491.94
5	1									1	
	01.0	3.32	One Grading in February Watering the plants manually twice a day Novemebr - March) with rose spray or finely perfo	rated	ł	ļ	- 1			1	
			a second a second pipe		-						
			Manually with rose spray or finely perforated	nozzie	В	ed	5	1	28	36,81	1434.0
6		a		_	_	_+					
┝━━━	01.0	03.33	the follow putrition formulations like multi-	lex or							30.0
{			NPK-19:19:19; fungicides and insecticides from	illiy co	1						
	_		Oct. Cost of Protection: One Nursery Watcher is allo	wed up	р			. 1		1	
7	01.	.05.04	1	Logo be	· ·						
1			and the set of 10 x 1 m size of complication of	n pou	••					l	
1			A Murrony Watcher is permis					1 '			
			have more than 1 lake up to 3	anii	•••	Ì		1			
ł	1		seedlings or more than 100 upto 500 second p	oth. Fo	or			{			ł
								100	a	194.85	367.
	1		Lingthon of both another ductional			Bed		*  100	ן ו		1
ł	ł							1	1		
	ł		i in the tage one shall be taken to me			ł		1	1		1
1	l		Nursery Watcher, Care Shuk be at a particular nursery raising under all Schemes at a particular extra Nursery Watcher is allowed for primary					1	1		1
	ł		the above nation to we were the above nation we is a	ubject	to						
	ļ		the provisions cited under general instructions.			1		ł	ł		ł
1	-							1-			2340
			till - Justhong bags								500
	8		Cost of the ploythene bags		_						708
L	9 (	01.03	39 Electricity charges	T	otal	<mark>ᡶ᠊᠆᠆</mark> ᠯ			-+		354
-⊣		01.03	38 Contingencies @ 5%			╂╾╾╂					743
-	10	01.03	2019-20 10tal 101 1	100 pla	ants	╟━─╂		-+			6.
H	+		cost of each plant			┛━━━┻┷					
L-			10% escalation every year					0			
								1	<b>م</b> ۲۰۰۰ ۲۰۰۰	visiona	1 Officer,
			۱.					F	rest UF Sha	mshai	bad
			<u>۱</u>						ดี	/	
									¢	-	
			<b>\ \</b>		_						
			District Forest O Ranga Reddy	i ti Ç	eţ	/	-				
			nan belidy	1. 0	Z						
			kanya Reduj	- F	1						

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# UNIT COST FOR MAINTENANCE OF BAG PLANTS (4"x7")

1	L				As pe	r FSR	
	-2019-20 Code	Item of work	Jnit	Quantity	Per	Rate (Rs)	Amount (Rs.)
		Maintenance of 4"x7" or 5"x9" bag-plants from April -					
		Maintenance of 4 x7 of 5 x5 and 2 x y August - Watering the plants twice a day from April –					
		August (a) Manually with rose cans or finely perforated nozzle	Bed	5	1	79.8	399.00
1 0	1.02.11	(a) Manually with rose cans of finely parts attached to a hose pipe		2		18.38	35.76
		Wooding the beds during May & July	Bed		· · · · · ·	245.91	245.91
-	1.02.12	Shifting, grading and rearrangement in beds	Bed	<u> </u>	·		300.00
4 5 0	01.05.04	Electricity charges Cost of Protection: One Nursery Watcher is allowed up to 1 lakh RT nursery or 100 secondary beds of polybags / 100 Teak beds of 10 x 1 m size or combination of both. One additional Nursery Watcher is permitted for nurseries having more than 1 lakh upto 3 lakh RT seedlings or more than 100 upto 300 secondray beds or Teak beds of 10 x 1 m size or combination of both. For more than 3 lakh RT or 300 secondary beds of Teak bedsor combination of both another additional Nursery Watcher is allowed. While calculating the number of Nursery Watcher, care shall be taken to include th nursery raising under all Schemes at a particular site. N extra Nursery Watcher is allowed for primary beds of 1x1 m size. However, the above narrative is subject to the provisions cited under general instructions.	y Ber f e of		4 10	0 9194.8	5 367.7
							1349.
+		2019-20 Το	ai				0.51
		cost of each plant (2600 plants per bed) 10% escalation every year				prest Division	

District Forst Officer Ranga Reddy.

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## UNIT COST FOR BAG PLANT NURSERY

•			UNIT COST FOR BAG PLANT NUR		1		As	per FSI	R		
Mali	-2019- Code		Item of work		Qua	antity	Per	Rat (Rs	e Ai	nount (R	(5.)
		raise bags gaug seed beds filled	<b>PLANT NURSERY:</b> Seedlings need to be d in 4"x7" (200 gauge) or 5"x9" (250 gauge which are to be converted into 6"x12" (400 je) or 8"x12" (400 gauge) polybags. The lings are to be transplanted from primar is in June - July. Hence the bags are to be d during April-May when the soil is dry.	e Y e							
		of 4 and	sing of Nursery in Polythene bags in size 4"x7" (200 gauge) or 5"x9" (250 gauge) bag arranging in secondary beds (Bed size: 10	x							
1 0	)1.03.01	Site	preparation for New Sites - Clearing of ground potal of stumps and removal of surface stone		ed	1	1		52.08		52.08
		Cost To e cert	bish of all sorts etc. t of Polybags (including the cost of certification b ensure quality control, the quality of bags have to tified by CIPET (Central Institute of Plastic Engineer Fechnology), Hyderabad at the cost of tenderer ing samples from various lots of polybags.	ing							
2	01.03.0	1	cm x 17.5 cm (4" x 7") size bags of 200 g: 589 ba		Kg	4.41		1	156.00		687.96
	01.03.0	(As thi sir	st and Transport of ingredients for Potting Mixt s per CSSR) Red Soil, tank-silt, FYM in 2:1:1 ratio is soil mixture, 220 gm of Indophyll M-45, 4.5 k ngle super phosphate (SSP) and 250 gm of pho anules per 1 cum of potting mixture will be ad ost of chemicals is as per actuals.	g of rate							
	01.03.	05 D	istance upto 5 km 0 cm x 17.5 cm (4" x 7") size bags: 2600 bags / bed		No's	260	0	1000	207.0	6	538.30
3	а						+	<del> </del>		+	
4	01.03. a	1	or every extra km beyond 5 km upto 25 km .0 cm x 17.5 cm (4" x 7") = 0.56 cum vol. for 1000 l		No's	260	00	1000	5.1	.5	13.3
	01.03	i	Preparation of Potting Mixture by powdering of v ingredients, sieving and mixing them in pres proportion; opening of bags and filling with p mixture and gently pressing the same with fing	otting	5						
5	a		and arranging in beds. 10 cm x 17.5 cm (4" x 7") size bags: 2600 bags / be	d	No'	s 26	500	1000	613.	10	1594.0
6	01.0		Allignment of beds including allignment of ins		n Be	d	1	1	7	.98	/. 
		3.10	when also	s an	-+	's 2	600	1000	147	.74	384.

No.       Figh-2013- 20 Code       Item of work       Unit       Quantity       Per       Rate (Rs)       Amount (Ns.)         8       01.03.11       Sowing / dibbing of pretreated seeds (e.g. Yegisa, Nalamadi, Yerumaddi etc.) directly into bags including No's       2600       1000       87.89       228.51         9       01.03.12       Watering the plants (2 Months) twice a day from Feb- March - a) Manually with rose cans or finely perforated       Bed       4       1       286.76       114/.04         10       01.03.13       Weeding to be done for every 2 months from the date of transplantation up to March transplantation up to March       Bed       4       1       52.66       210.64         11       01.03.13       Keeplacement of casualties after sorting out the empty bags and keeping at one end of the bed (maximum 10% bags and keeping at one end of the bed (maximum 10% bags and keeping at one end of the bed (maximum 10% bags and sorroundings of Nursery and sorroundings of Nursery       1       1       34.00       34.00         14       01.03.18       Weeding in the space between the beds, inspection path dot total stock is permissible)       1       1       34.00       34.00         13       01.03.13       Weeding in the space between the beds, inspection path bed of 1 kh RT nursery or 100 secondary beds of polybags / 100 Teak beds of 10 x 1 m size or combination of both. Cot cas of Protection: One Nursery Watcher is allowed up to 1 lakh RT or 300 secodary beds									,24	1
8       01.03.11       Sowing / dibbing of pretreated seeds (e.g. Yegisa, No's 2600       1000       87.89       228.51         9       01.03.12       Watering the plants (2 Months) twice a day from Feb- March - a) Manually with rose cans or finely perforated Red       4       1       286.76       114/.04         10       01.03.13       Weeding to be done for every 2 months from the date of transplantation up to March attransplantation attransplantatis attransplantation attransplantation attransplantatr	No.	F <b>*</b> -2019-		Unit	Quantif	v	F	late	Amou	int (Rs.)
9       01.03.12       Watering the plants (2 Months) twice a day from Febrated Narch - a) Manually with rose cans or finely perforated Bed       4       1       286.76       114/1.04         10       01.03.13       Weeding to be done for every 2 months from the date of transplantation up to March transplantatit transplantation up to March transplantation up to March transpl	8		Sowing / dibbling of pretreated seeds (e.g. Yegisa Nalamadi Yerumaddi etc.) directly into bags includin	, g No's	2600	10	00	87.89		228.51
10       01.03.13       Weeding to be done for every 2 months from the date of transplantation up to March       Bed       4       1       52.66       213.64         11       01.03.14       1st shifting and grading after three months and consecutive shifting and grading after every two months       Bed       1       1       9.00         12       01.03.15       Replacement of casualties after sorting out the empty bags and keeping at one end of the bed (maximum 10% Bed       1       1       69.83       69.8         13       01.03.16       Cost of folar nutritient formulations like multiplex or NPK-19:19:19; fungicides and insecticides from July to Bed       1       1       34.00       34.00         14       01.03.18       Weeding in the space between the beds, inspection path Oct.       0ct.       1       1       34.00       34.00         15       01.05.04       Cost of Protection: One Nursery Watcher is allowed up to 1 lakh RT nursery or 100 secondary beds of polybags / 100 Teak beds of 10 x 1 m size or combination of both. One additional Nursery Watcher is allowed so of Teak beds of 10 x 1 m size or combination of both. For nurser is having more than 1 lakh upto 3 lakh RT seedings or more than 100 upto 300 secondary beds of Teak beds or combination of both. For nurser is allowed. While calculating the number of Nursery Watcher, care shall be taken to include the nursery raising under all Schemes at a particular site. No extra Nursery Watcher, care shall be taken to include the nursery raising under all Schemes at a particular site. No extra Nursery Wat	9		cost of treatment	)-			1	286.76		1147.04
11       01.03.14       1st shifting and grading after three months and consecutive shifting and grading after every two months Bed       1       1       0.001         12       01.03.15       Replacement of casualties after sorting out the empty bags and keeping at one end of the bed (maximum 10% Bed       1       1       69.83       69.8         13       01.03.16       Cost of foliar nutritient formulations like multiplex or NPK-19:19:19; fungicides and insecticides from July to Bed       1       1       34.00       34.00         14       01.03.18       Weeding in the space between the beds, inspection path and sorroundings of Nursery       Bed       1       1       35.91       /1.1         15       01.05.04       Cost of Protection: One Nursery Watcher is allowed up to 1 lakh RT nursery or 100 secondary beds of polybags / 100 Teak beds of 10 × 1 m size or combination of both. One additional Nursery Watcher is permitted for nurseries having more than 1 lakh upto 3 lakh RT reserver solo secondary beds or Teak beds of 10 × 1 m size or combination of both. For more than 3 lakh RT or 300 secondary beds of Teak beds of 10 × 1 m size or combination of both. For more than 3 lakh RT or 300 secondary beds of Teak beds of 10 × 1 m size or combination of both another additional Nursery Watcher is allowed weight watcher is allowed. While calculating the number of Nursery Watcher, care shall be taken to include the nursery raising under all Schemes at a particular site. No extra Nursery Watcher, care shall be taken to include the nursery raising under all Schemes at a particular site. No extra Nursery Watcher is allowed for primary beds of Ix1 m size. However,	10	01.03.13	nozzle attached to a hose pipe Weeding to be done for every 2 months from the date		<u> </u>		1	52.60	5	210.64
12       01.03.15       Replacement of casualties after sorting out the empty bags and keeping at one end of the bed (maximum 10% Bed       1       1       69.83       69.8         13       01.03.16       Cost of foliar nutritient formulations like multiplex or NPK-19:19:19; fungicides and insecticides from July to Oct.       Bed       1       1       34.00       34.00         14       01.03.18       Weeding in the space between the beds, inspection path and sorroundings of Nursery       Bed       2       1       35.91       /1.3         14       01.05.04       Cost of Protection: One Nursery Watcher is allowed up to 1 lakh RT nursery or 100 secondary beds of polybags/ 100 Teak beds of 10 x 1 m size or combination of both. One additional Nursery Watcher is permitted for nurseries having more than 1 lakh upto 3 lakh RT seedings or more than 100 upto 300 secondray beds of reak beds of 10 x 1 m size or combination of both. For more than 3 lakh RT or 300 secondray beds of Teak bedsor combination of both another additional Nursery Watcher is allowed. While calculating the number of Nursery Watcher, care shall be taken to include the nursery watcher, care shall be taken to include the nursery watcher is allowed for primary beds of 1x1 m size. However, the above narrative is subject to the provisions cited under general instructions.       4       100       9194.85       36.0         16       Electricity charges       Total        300.00       33			transplantation up to March	nd	d 1		1			0.00
of total stock is permissible?       of total stock is permissible?       34.00         13       01.03.16       Cost of foliar nutritient formulations like multiplex or NPK-19:19:19; fungicides and insecticides from July to Oct.       Bed       1       1       34.00       34.00         14       01.03.18       Weeding in the space between the beds, inspection path and sorroundings of Nursery       Bed       2       1       35.91       /1.1         15       01.05.04       Cost of Protection: One Nursery Watcher is allowed up to 1 lakh RT nursery or 100 secondary beds of polybags / 100 Teak beds of 10 x 1 m size or combination of both. One additional Nursery Watcher is permitted for nurseries having more than 1 lakh upto 3 lakh RT seedlings or more than 100 upto 300 secondary beds or Teak beds of 10 x 1 m size or combination of both. For more than 3 lakh RT or 300 secondary beds of Teak       100       9194.85       36.4         10       seedlings or more than 100 upto 300 secondary beds of Teak       100       9194.85       36.4         11       mursery watcher, care shall be taken to include the nursery raising under all Schemes at a particular site. No extra Nursery Watcher, care shall be taken to include the nursery raising under all Schemes at a particular site. No extra Nursery Watcher is allowed for primary beds of 1x1 m size. However, the above narrative is subject to the provisions cited under general instructions.       300.00       33         16       Electricity charges       57         16       Electricity charges	12	01.03.15	till the nursery stock is lifted	oty	ed 1	.	1	69.8	3	69.83
Oct.       Bed       2       1       35.91       /1.1         14       01.03.18       Weeding in the space between the beds, inspection path and sorroundings of Nursery       Bed       2       1       35.91       /1.1         15       01.05.04       Cost of Protection: One Nursery Watcher is allowed up to 1 lakh RT nursery or 100 secondary beds of polybags / 100 Teak beds of 10 x 1 m size or combination of both. One additional Nursery Watcher is permitted for nurseries having more than 1 lakh upto 3 lakh RT seedlings or more than 100 upto 300 secondray beds or Teak beds of 10 x 1 m size or combination of both. For more than 3 lakh RT or 300 secondary beds of Teak beds or combination of both another additional Nursery Bed       4       100       9194.85       36.4         Nursery Watcher is allowed. While calculating the number of Nursery Watcher, care shall be taken to include the nursery raising under all Schemes at a particular site. No extra Nursery Watcher is allowed for primary beds of 1x1 m size. However, the above narrative is subject to the provisions cited under general instructions.       300.00       33         16       Electricity charges       704       300.00       33		3 01.03.1	of total stock is permissible)	or		1	1	34.	00	34.00
and sorroundings of Nursery         15       01.05.04       Cost of Protection: One Nursery Watcher is allowed up to 1 lakh RT nursery or 100 secondary beds of polybags / 100 Teak beds of 10 x 1 m size or combination of both. One additional Nursery Watcher is permitted for nurseries having more than 1 lakh upto 3 lakh RT seedlings or more than 100 upto 300 secondary beds or Teak beds of 10 x 1 m size or combination of both. For more than 3 lakh RT or 300 secodary beds of Teak bedsor combination of both another additional Nursery Bed       4       100       9194.85       36.         Watcher is allowed. While calculating the number of Nursery Watcher, care shall be taken to include the nursery raising under all Schemes at a particular site. No extra Nursery Watcher is allowed for primary beds of 1x1 m size. However, the above narrative is subject to the provisions cited under general instructions.       300.00       33         16       Electricity charges       Total       7						2	1	35.	91	/1.8
16         Electricity charges         57           7         64         64	1	5 01.05.0	4 Cost of Protection: One Nursery Watcher is unoverted to 1 lakh RT nursery or 100 secondary beds of polybat 100 Teak beds of 10 x 1 m size or combination of the One additional Nursery Watcher is permitted nurseries having more than 1 lakh upto 3 lakk seedlings or more than 100 upto 300 secondray be Teak beds of 10 x 1 m size or combination of both more than 3 lakh RT or 300 secodary beds of bedsor combination of both another additional Nursery Watcher is allowed. While calculating the number Nursery Watcher, care shall be taken to include nursery raising under all Schemes at a particular site extra Nursery Watcher is allowed for primary be taken to include nursery watcher is a	ooth. for n RT ds or n For Teak ursery per of e the te. No eds of		4	100	919	4.85	367
16     Electricity charges     Total     7       16     64     7     64					┟╌╌┼╸		-+	3	00.00	30
	┝	16	Electricity charges	Tota	<u> </u> [-					
Add casualty 10% 2019-20 Grand Total 4	┝				++					
			Add casualty 10%	d Tata	JT					

District Fores: Officer Ranga Reddy.

Forest Divisional Officer, Shamshabad

File No. PCCF-FC4/FC26/25/2022-FCA SECTION (Computer No. 461748) Receipt No : 1608208/2022/FCA SECTION-PCCF





#### FSR-2019-SI. No Item of work Unit 20 Code Rate (Rs.) Amount (Rs.) PRIMARY BEDS of 1x1x0.3 m size for Miscellaneous 1 01.00.00 species including bamboo - 50 primary beds for 1 lakh nursery is permitted. Primary beds should start from Jan May depending on availability of fresh seeds. Once primary beds are formed, they can be used upto 5 years without changing the medium - what is required each time is solarization, burning a layer of grass on it and adding the below recommended fungicides and insecticides to the medium. 01.01.01 Preparation of New Site by clearing jungle growth, 2 uprootal of stumps and removal of surface stones, Bed 5.20 5.20 pebbles etc. 3 01.01.03 Digging soil of the demarcated beds of 1x1x0.30 m size Bed 40.06 40.06 4 01.01.04 Cost of sandy soil and transportation with 5 kms lead including loading and unloading charges (sandy soil and Bed 30.29 FYM in 5:1 ratio, i.e., 0.125 cum sandy soil and 0.025 30.29 cum FYM per primary bed 5 01.01.05 For every extra km beyond 5 km upto 25 km Bed 1.15 1.15 6 01.01.06 Cost and transport of 0.025 cum FYM Bed 26.04 26.04 7 01.01.07 Mixing of sandy soil and FYM in 5:1 proportion (50 % of volume of bed) with exacavated soil and refilling the Bed 11.39 11.39 bed and lavelling. 8 01.01.08 Covering the beds with dried grass and leaf litter and burning them to ash which can form the upper layer Bed 13.02 13.02 01.01.10 Cost of seed - seed weight, germination percentage and 10 target of planting stock of individual species are to be taken into consideration while estimating the Bed 500.00 500.00 requirement of seeds 01.01.12 Sowing of seed (finer seeds like Adina, Mitragyna, 11 Anthocephalus etc. to be mixed with sand and bradcasted - Bigger seeds to be dibbled in lines 1-2 cm Bed 12.97 apart) and covering the bed to a thickness of 2.5 cm with 12.97 paddy hay including cost and conveyance 12 01.01.13 Watering the primary nursery beds with rose water cans twice daily for a maximum period of 2 months. 45 Days 14.60 21.90 13 01.01.15 Cost of chemicals, fungicide and insecticide Bed 5.00 5.00 14 **Electrical Charges** 20.00 20.00 Total 687.02 Rasing of seedlings 110% for abtaining 100% 10% 68.70 Total 755.72 cost of each plant (2000 plants per bed) - 2020-21 0.3779

UNIT COST FOR RAISING OF PRIMARY BEDS

10% escalation every year

Forest Divisional Officer, Shamshabad Q/

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District Forest Officer Ranga Relidy - O

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Unit Cost for Advance Operations for Raising of N.T.S.H. Plantations 3m x 2m (SMM) during 2019-20

		<u> </u>	<u> </u>	Unit Rate p		·
FSR Code			Quant	As per	FSR	.
Fan Coue	ltem of work	Unit	ity	Rate (Rs.)	Per	Amour (Rs.)
02.08.01	Survey with hand-held GPS (staff to carry out) and	l Plantat	1	374.48	<del> </del>	<u> </u>
	demarcation - one manday is allowed for assistance. The	lion	-	574.40	1	
	Surveyed sketch with exact effective area statement will					
	be uploaded in MIS platform by end of December.					
02.08.02	Clearing unsalable unwanted jungle growth (leaving all				L	
	the tree species of good form particularly the hardwood				ĺ .	
	tree species like Teak, Nallamaddi, Yegisa, Narena, Somi					
	Jitregi, Billudu, Chenangi etc. and NTFP species like Ippa,					
	Morri, Tani, Karaka, Vepa, Maredu, Tapasi, Tuniki, Chinta, Usuri, Nallajeedi etc.); Spreading the cut					
	material all over the site; and Burning the same twice till				' I	
	completely burnt. The unsuitable area shall be excuded					
	from the clearing opearation and the expenditure shall					
	be incurred for effective area only. All the above operations shall be completed before December.		[			
	the second percent per					
		Í				
а	Sparse Jungle growth (< 10% ground area covered with	Ha	0.2	2081.36	1	
	Jungle growth) Very light lungle growth (* 1997 - 1					
~	Very Light Jungle growth (>10% and up to 20% ground area covered with Jungle growth)	Ha	0.2	3128.53	1	62
с	Light Jungle Growth (> 20% and upto 30% ground area		0.6	7250 00		
	covered with Jungle growth) with prior written approval		V.0	7350,00	1	441
	of DFO based on the field inspection of DFO.					
02.08.03	Uprostal of Stumps Josefueltance and the					
	Uprootal of Stumps (excluding unsultable patches) to a minimum depth of 45 cm with heavy machinery fitted			0.00		
	with 0.90 cum and above capacity bucket, filling the pitcl		- i			
	caused by uprootal, and levelling. For retrived		ł			
	encroached area, the approval of Circle Head is required		ļ			
1	and the approval should indicate clearly the density of stumps or vegetation to be removed through uprootal.					
	The uprootal work can be carried out preferably through					
	tender process.					
	Search Line and Line					
ů I	Sparse Jungle growth (< 10% ground area covered with H Jungle growth)	а	0.4	5184.30	1	2074
	Very Light Jungle growth (>10% and up to 20% ground H		0.3	10034.10		
	area covered with Jungle growth}			10034.10	1	3010
c	Light Jungle Growth (> 20% and upto 30% ground area H. covered with Jungle growth) with prior written approval	a (	0.3	13044.80	1	3913
ŀ	of DFO based on the field inspection of DFO.					
2.08.04	Collection and Removal of uprooted stumps of all sizes,		_			
a	other debris etc. to outside plantation site parse Jungle growth (< 10% ground area covered with Ha					
	ungle growth)		1,4	5796.11	1	2318
ь I	/ery Light Jungle growth (>10% and up to 20% ground Ha		.4	9197.79	1	3679
	rea covered with Jungle growth)					5075
	ight Jungle Growth (> 20% and upto 30% ground area Ha overed with Jungle growth) with prior written approval	0	.2	10724.65	1	2145
	f DFO based on the field inspection of DFO.					
			Í			
2.08.05	illing (Permissible for CA area only) the soil to a depth of					
	.45 cm in the affected area (excluding unsuitable atches) with heavy duty machinery fitted with 0.9 cum					
a	nd above capacity bucket and levelling - Permissible for					
L C	A area only (and written approval of Circle head is					
n	eeded and required budgetary provision has to find				[	ľ
P	ace in annual approved plan) and VIP planting area (					
a	inimum area should be more than 1 ha). The uprootal nd tilling works shall be done preferably through a					
te	ander process and the execution of work completed		í			
be	fore end of March	1	ļ			ļ
					[	
a Sp	arce jungle growth (<10% ground area covered with ha	-+-				
ju	ngle growth)	1	1	6378.65	1	16379
	hit Rate for 2020-21				+	39344
10	% escalation every year		A			<u> </u>
			ÿ –			
	۰.	Fo	rest Divi	sional Office	- <u></u> r,	
				shabad	-	
			Q/	/		
			-			
	District Fores Officer					
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(	Ranga Reddy.					

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Unit Cost for Raising of N.T.S.H. Plantations 3m x 2m. (SMM) during 2019-20

ren e i			0	As per l	FSR	
FSR Code	Item of work	Untit	Quantit y	Rate (Rs.)	Per	Amount (R
02.09.03	Deep Ploughing the effective (excluding unsuitable patches) plantation area across the slope to a depth o 30 cm with Heavy-duty Tractor of 55 HP and above with Firm Mould Board (FMB) plough. FOR TILLED AREA ONLY	f				
a	Ordinary Soil	На	1	3056	<u>i</u>	
02.09.01	Removing congestion of root suckers and other uprooted material hindering the effective ploughing		1	1066.07		30 10
02.09.04	© Alignment and staking including demarcation of base line for Misc species with espacement 3mX3m (1111 Nos)	No's	1666	89.36	100	14
02.09.05	Cost of preparation of stakes (0.45 m length) and transportation of site	i	1666	56.96	100	9
02.09.06	Digging of Pits in Ploughed Areas in June - July by adopting 50% of original rate of digging of pits of ordinary soil					
<u> </u>	45 cm cube size pits	No's	1666	10.66	1	1776
01.03.05	PLANTING OPERATIONS DURING RAISING YEAR Cost and transportation of soil mixtue for filling half of the pit and spreading around the pit	cum	0.000	310.86	1	
	Transportation of Bag plants / Root trainer plants from nursery site to plantation site including loading and unloading			0.00		
02.09.07	b) upto 5 Km lead (15X30 cm (4"X7")bag plants)	No's	1666	115.19	100	101
02.09.08	b) 5 Km to 25 Km lead (15X30 cm (4"X7")bag plants)	No's	1665	3.85	100	<u>191</u> 6
02.09.10	Internal transport of bag plants/root trainers to planting points on head loads.			0.00	-+	
b	15X30 cm (4"X7")bag plants	No's	1666	1.95	100	3
02.09.11	Fortification of seedling with insecticide and treating pits with SSP				_100	
	(a) Application of 50 gm of SSP per pit (1 day before planting) for root growth and early establishment of plant after planting. ii) Similarly, the bag plants to be planted will be dipped inside Chloropyriphos solution (5ml Chloropyriohos in 1 lit water) either at nursery site before transport or at plantation site before planting	No's	1666	39.27	100	65
	(b) Cost of SSP, Chloridine dust or Chloropyriphos	No's	1666	1.00	1	
	Planting Bag Plants		_			1000
02.09.12	Planting in 45 cm size cubic pit Pit	No's	1666	437.48	100	7288
r r	planting takes place on a non-rainy day and if there is no rains after planting for 1-2 days with prior written	No's	1665	264.86	101	4413
ן ו ו	permission of Circle Head and under intimation to Head Office. Also the date of watering is to be recorded in plantation Journal (Refer PCCF Office Rc. No. 17309/2000/G1, Dt. 16.08.2005 - Circular No. 58/2005/G1)					
02.09.15 F ii а л d	Replacement of Casualties 20% during Raising & 25% in 1st year (In case of Eucalyptus 10% during raising and no causality replacement for further naintenance). The caualty replacement should be lone in 3 stages at an interval of 15 days immediately fter planting during raising year.	5	raisi mair Trar	e of original ng year and ntenance yea nsportation a rtation as pr	100% c ars. Pla and int	nting, ernal
	Pigging of Pits in Ploughed Areas in June - July by M		333	10.66		

#### File No. PCCF-FC4/FC26/25/2022-FCA SECTION (Computer No. 461748) Receipt No : 1608208/2022/FCA SECTION-PCCF

				As per FS	ŝR	
FSR Code	Item of work	Untit	Quantit Y	Rate (Rs.)	Per	Amount (Rs.)
02.09.07, 02.09.08	Transportation of Bag plants / Root trainer plants from nursery site to plantation site including loading and	No's	333	192.19	100	640
	unloading - b) upto 25 Km lead (15X30 cm (4"X7")bag plants)					
02.09.10	Internal transport of bag plants/root trainers to planting points on head loads - b) 15X30 cm (4"X7")bag plants	No's	333	91.82	100	305
02.09.12	Planting in 45 cm size cubic pit Pit	No's	333	437.48	100	1457
02.09.16	Cost of DAP @25gm / planting point	No's	1666	1.00	1	1666
02.09.17	Application of fertilizer in August (30 days after planting) by making 3 holes of 10 cm depth with crow bar holes at a distance of 10 cm away from plant and putting fertilizers and closing. Ensure that the soil is really wet at the time of DAP application.	No's	1666	39.27	100	654
	WEEDING & SOIL WORKING					
02.09.18	a) Circular weeding to a radius of 0.50 m around the plant (during July - Aug)	No's	1666	124.95	100	2082
02.09.19	b) Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (during Nov - Dec.)	No's	1666	656.25	100	10933
22.09.20	Inter-ploughing (during November) the effective (excluding unsuitable patches) plantation area across the slope to a depth of 30 cm with Heavy-duty Tractor of 55 HP and above with Firm Mould Board (FMB) plough - a) in Ordinary Soils	Ha	1	2321.40	1	2321
02.09.22	Uprootal of Mahaveera (Hyptis suaveolens) weed with prior written approval of Circle Head and taking photograph before and after uprootal. The weed removal shall be completed before September-end at any cost before inter-ploughing.	На	1	3650.90	1	3651
	Unit Rate for 2020-21		Ť			67616

10% escalation every year

Forest Divisional Officer, Shamshabad

Distric Forg Ranga Reddy

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#### Unit Cost for 1st Year Maintenance of NTSH Plantation (3m X 3 m) SMM per Ha during 2019-20

		Unit <u>Rate</u>		SP.	1	
			As per F	ж		
rk	Unit	Quantity	Rate (Rs.)	Per		mount (Rs.)
lur			ate of origin			-
109 the do y a		ma Tr	sing year an iintenance y ansportatio iortation as	rears. n anc	. Pla I int	nting, ernal
ea ol	No's	417	10.66	5	1	444
00 in (1		417	115.19	9 10	0	48
in up		417	3.8	5 10	0	1
roc :m	Nọ's	417	91.8	2 10	0	38
it	No's	417	437.4	8 10	0	182
≊ly iny ay: ndi		0	264.8	6 10	0	
ng •CC 00!						
oin	No's	1666	5 0.5	0	1	83
t (3 h v ror at t		1666	39.2	7 10	00	65
					_	
lw (to itd	No's	1666	5 656.2	5 10	00	1093
su ircl r efo	4)	0.1	7 3650.9	0	1	25
ien suit ith	e ha s f		1 2321.4	10	1	23
sis ro	P No's	166	6 124.3	27 1	00	20
_		<u> </u> _				265
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			Fores		Forest Divisional Of Shamshabad	Forest Divisional Office Shamshabad

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				As per FSR			
FSR Code	Item of work	Unit	Quantit Y	Rate (Rs.)	Per	Amount (Rs.	
02.10.01	Replacement of Casualties 20% during Raising & 25% in	<u> </u>	50% o	f rate of ori	ginal pitting	rate during	
	1st year (In case of Eucalyptus 10% during raising and no		raising	year and 10	0% during i	maintenance	
	causality replacement for further maintenance). The		years. P	lanting, Tra	nsportation	and internal	
	caualty replacement should be done in 3 stages at an interval of 15 days immediately after planting during raising year 5% proposed		' trar	sportation	as prescribe	ed above.	
. 02.09.06	Digging of Pits in Ploughed Areas in June - July by	No's	83		1	88	
	adopting 50% of original rate of digging of pits of ordinary soil -						
	a) 45 cm size cubic pits						
02.09.07	Transportation of Bag plants / Root trainer plants from	1	83	115.19	100	9	
	nursery site to plantation site including loading and unloading - b) upto 5 Km lead (15X30 cm (4"X7")bag	1					
_	plants)		_				
02.09.08	Transportation of Bag plants / Root trainer plants from		83	3.85	100		
	nursery site to plantation site including loading and	1					
	unloading - b) beyond 5 km and upto 25 Km lead (15X30	ļ					
07.00.10	cm (4"X7")bag plants)				100		
02.09.10	Internal transport of bag plants/root trainers to planting	NO'S	83	91.82	100	7	
	points on head loads - b) 15X30 cm (4"X7")bag plants						
02.09.13	Planting in 45 cm size cubic pit Pit	No's	83	437.48	100	36	
02.10.05	Inter-ploughing (during September) the effective	ha	1	2321.40	1	232	
	plantation area (excluding unsuitable patches) across the	1					
	slope to a depth of 30 cm with Heavy-duty Tractor of 55	4					
	HP and above with Firm Mould Board (FMB) plough.						
02.11.02	Circular weeding cum Deep soil working to a radius of 0.5	No's	1666		100	1093	
V2.22.02	m and to a depth of 15 cm (to be done by pick-axe only)		1000		100	1055	
	without damaging the plant. (July-Aug)			656.25			
02.11.03	Pruning of lower branch initials of Timber and NTFP	No's	1666		100	207	
	species by scicature upto 1/3 rd height (to be			104.07			
07.01.07	carried out during July-Aug)	Dank	100	124.27			
02.01.03	Formation of Sector Lines / Fire Lines to a width of 3 m by	Rmt	100		1	61	
	giving surface treatment (sector to be in conformity with slope direction). All stumps to be cut to ground level.						
	alope direction J. An stamps to be cut to Bround level.			6.14			
02.10.04	Uprootal of Mahaveera (Hyptis suaveolens) weed with	ha	0.6		1	219	
	prior written approval of Circle Head and taking	1				1	
	photograph before and after uprootal. The weed removal	1				1	
	shall be completed before September-end at any cost						
	before inter-ploughing.						
	Unit Rate for 2020-21					1955	

10% escalation every year

District Forest Officer Ranga Ready.

Forest Divisional Officer, Shamshabad

		<del>.</del>	Unit Rat	e per Ha		
				As per	FSR	
FSR Code	Item of work	Unit	Quantity	Rate (Rs.)	Per	Amount (Rs.
02.11.02	Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (July-Aug)	No's	1666		100	10933
02.11.03	Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July - Aug)		1666	656.25	100	2070
03.05.01	Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times	Rmt	100	124.27	100	608
	Unit Rate for 2020-21			608.27		
	10% escalation every year				_	13611

Forest Divisional Officer, Shamshabad B

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Unit Cost for 4th Year Maintenance of NTSH Plantation (3m x 2m) SMM per Ha
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·		<del>-</del>	Unit Rate	per Ha		
FSR Code	ltem of work			As per		
		Unit	Quantity	Rate (Rs.)	Per	Amount (Rs.)
02.11.02	Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (July-Aug)	No's	1666		100	10933
02.11.03	Drusing of L			656.25		
	Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July - Aug)	No's	1666		100	2070
				124.27		
	Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times	Rmt	100		100	608
	Unit Rate for 2020-21			608.27		
	10% escalation every year					13611

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Forest Divisional Officer, Shamshabad

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# Unit Cost for 5th Year Maintenance of NTSH Plantation (3m x 2m) SMM per Ha

		<del></del>	Unit Rate	per Ha			
FSR Code	item of work	Unit	Quantity	As per FSR			
				Rate (Rs.)	Per	Amount (Rs.)	
02.11.02	Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (July-Aug)- the work will be carried out between 1 m to 1.1 m in a ring formation- Hence 25% of cost adopted		1666	656.25	100	10933	
03.05.01	Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times	Rmt	100	608.27	100	608	
	Unit Rate for 2020-21					115.01	
	10% escalation every year					11541	

Forest Divisional Officer, Shamshabad

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### Unit Cost for 6th Year Maintenance of NTSH Plantation (3m x 2m) SMM per Ha

	•		Unit Rate	per Ha		
	Item of work	Unit	Quantity	As per FSR		
FSR Code				Rate (Rs.)	Per	Amount (Rs.)
02.11.03	Pruning of lower branch initials of Timber and NTFP	No's	1666		100	2070
	species by scicature upto 1/3 rd height (to be done			124.27		
03.05.01	during July - Aug) Maintenance of fire lines (5.00 mtr width) including	Rmt	100		100	
05.05.01	cutting back of rank growth and burning -					608
	propotionate cost - 0.60 times			608.27	]	
	Unit Rate for 2020-21					2678

10% escalation every year

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Forest Divisional Officer, Shamshabad R.

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## Unit Cost for 7th Year Maintenance of NTSH Plantation (3m x 2m) SMM per Ha

	Unit Rate per Ha								
FSR Code	Item of work	Unit	Quantit Y	As per					
				Rate (Rs.)	Per	Amount (Rs.)			
02.11.02	Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (July-Aug)- the work will be carried out between 1 m to 1.1 m in a ring formation- Hence 25% of cost adopted		1666	656.25	100	10933			
03.05.01	Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times	Rmt	100	608.27	100	608			
	Unit Rate for2020-21	1 -				11541			

10% escalation every year

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Forest Divisional Officer, Shamshabad

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Unit Rate per Ha						
- FSR Code	Item of work	Unit		As per l	FSR	Amount (Rs.)
			Quantity	Rate (Rs.)	Per	
02.11.03	Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July - Aug)		1666	124.27	100	2070
03.05.01	Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times	Rmt	100	608.27	100	608
	Unit Rate for 2020-21	<u> </u>				2678

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Forest Divisional Officer, Shamshabad

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# Unit Cost for 9th Year Maintenance of NTSH Plantation (3m x 2m) SMM per Ha

			Unit Rate			
	Item of work		Quantity	As per		
FSR Code				Rate (Rs.)	Per	Amount (Rs.)
02.11.02	Circular weeding cum Deep soil working to a radius of	No's	1666		100	10933
02.11.02	0.5 m and to a depth of 15 cm (to be done by pick-axe	Ì				1
	only) without damaging the plant. (July-Aug)- the work will be carried out between 1 m to 1.1 m in a					1
	ring formation- Hence 25% of cost adopted					
	1.1.6			656.25		
03.05.01	Maintenance of fire lines (5.00 mtr width) including	Rmt	100		100	608
	cutting back of rank growth and burning	·		608.27		
	propotionate cost - 0.60 times			000.27		1154:
	Unit Rate for 2020-21					1114.

10% escalation every year

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Forest Divisional Officer, Shamshabad Q/

District Forest Officer Ranga Reddy.

			Unit Rate	per Ha		
`	Item of work	Unit		As per FSR		8
FSR Code			Quantity	Rate (Rs.)	Per	Amount (Rs.)
02.11.03	Pruning of flower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done	No's	1666	124.27	100	207
03.05.01	during July - Aug) Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning -	Rmt	100	608.27	100	60
	propotionate cost - 0.60 times Unit Rate for 2020-21	+	+	000.27		20

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Forest Divisional Officer, Shamshabad

District Forest Officer Range Reddy.

# UNIT COST FOR MAINTENANCE OF BAG PLANTS (September to till disposal)

	4	UNIT COST FOR MAINTENANCE OF E		Quantity	As per FSR				
l. No.	FSR-2019- 20 Code				Rate (Rs.)	Per	Agency allowence 25% (Rs)	Totai (Rs.)	Amount (Rs.)
		MAINTENANCE OF BAG NURSERY FROM SEPTEMBER			l				
		TO TILL DISPOSAL			177.14		44.29	221.43	
		Watering plants for 10 m X 1 m size secondary bed	Bed/month	4	245.96	1	61.49	307.45	307.4
1	01.05.01	Shifting, grading and rearrangement in beds	Bed/weeding	┼──┶──	245.50			<b>T</b>	ļ
3	01.05.04	Cost of Protection: One Nursery Watcher is allowed up to 1 lakh RT nursery or 100 secondary beds of polybags / 100 Teak beds of 10 x 1 m size or combination of both. One additional Nursery Watcher is permitted for nurseries having more than 1 lakh upto 3 lakh RT seedlings or more than 100 upto 300 secondray beds or Teak beds of 10 x 1 m size or combination of both. For more than 3 lakh RT or 300 secodary beds of Teak	Watcher/ month	5	9194.85	100	0.00	9194.8	5 459.
1		general instructions.		-+	-				1.50

10% escalation every year

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Forest Divisional Officer, Shamshabad

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