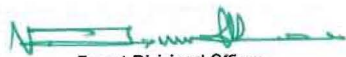


Abstract of CA Scheme for 3.90 Ha in degraded forest land in lieu of diversion of 1.904 Ha of Forest land in Bellampally Range for construction of 11 KV transmission line for the release of 1 No. 96 HP NDS load to Water Grid department for 24 Hrs water supply from existing Tandur MHQ feeder in Tandur Mandal

Sl. No.	Item of work	Unit cost as per 2018-19 FSR	2019-20			2020-21			2021-22			2022-23			2023-24			2024-25			2025-26		
			Phy.	Unit cost	Fin.	Phy.	Unit cost	Fin.	Phy.	Unit cost	Fin.	Phy.	Unit cost	Fin.	Phy.	Unit cost	Fin.	Phy.	Unit cost	Fin.	Phy.	Unit cost	Fin.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Raising of plants in nursery and their maintenance																						
	Raising of primary beds - unit cost 1000 plants	0.02304	10000	0.0256	0.256																		
	Raising of bag plants 5x9		8950	4.0486	0.362																		
	Maintenance of bag plants 5x9					8950	0.0301	0.269															
	Conversion of bag plants 5x9 to 8x12 till March					8950	0.0692	0.619															
	Maintenance of bag plants 8x12 from April to planting								8950	0.0375	0.335	12500	0.0412	0.515									
	Maintenance of left over bag plants 8x12 from August to March								2000	0.0665	0.133												
	Sub total				0.6183	17900		0.8881	10950	0.104	0.4684	12500	0.0412	0.5152	0	0	0	0	0	0	0	0	0
2	Planting activities																						
	Advance operations	0.3386		0.3725		3.90	0.4097	1.5978															
	Raising	1.990		2.1892			2.4081		3.90	2.65	10.331												
	1st year maintenance	0.916		1.0078			1.1086			1.22		3.90	1.3414	5.2314									
	2nd year maintenance	0.267		0.2937			0.3231			0.36			0.3909		3.90	0.43	1.6772						
	3rd year maintenance	0.234		0.2573			0.283			0.31			0.3425			0.3767		3.90	0.4144	1.616			
	4th year maintenance	0.234		0.2573			0.283			0.31			0.3425			0.3767			0.4144		3.90	0.4558	1.778
	5th year maintenance	0.035		0.0381			0.0419			0.05			0.0507			0.0558			0.0614			0.0675	
	6th year maintenance	0.115		0.1266			0.1392			0.15			0.1685			0.1853			0.2038			0.2242	
	7th year maintenance	0.035		0.0381			0.0419			0.05			0.0507			0.0558			0.0614			0.0675	
	8th year maintenance	0.115		0.1266			0.1392			0.15			0.1685			0.1853			0.2038			0.2242	
	9th year maintenance	0.035		0.0381			0.0419			0.05			0.0507			0.0558			0.0614			0.0675	
	10th year maintenance	0.115		0.1266			0.1392			0.15			0.1685			0.1853			0.2038			0.2242	
	Sub total		0		0	3.9		1.598	3.900		10.331	3.900		5.231	3.900		1.677	3.900		1.616	3.900		1.778
3	Administrative costs 10% of total cost				0.062			0.249			1.080			0.575			0.168			0.162			0.178
	GRAND TOTAL				0.680			2.735			11.879			6.321			1.845			1.778			1.955

Abstract of CA Scheme for 3.90 Ha i Abstract of CA Scheme for 3.90 Ha in degraded forest land inlieu of diversion of 1.904 Ha of Forest land in Bellampally Range for construction of 11 KV transmission line for the relese of 1 No. 96 HP NDS load to Water Grid department for 24 Hrs water supply from existing Tandur MHQ feeder in Tandur Mandal

Sl. No.	Item of work	2026-27			2027-28			2028-29			2029-30			2030-31			2031-32			Grand Total Rs in Lakhs	
		Phy.	Unit cost	Fin.	Phy.	Unit cost	Fin.	Phy.	Unit cost	Fin.	Phy.	Unit cost	Fin.	Phy.	Unit cost	Fin.	Phy.	Unit cost	Fin.	Phy	Fin.
1	2	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44
1	Raising of plants in nursery and their maintenance																				0.000
	Raising of primary beds - unit cost 1000 plants																			10000.00	0.256
	Raising of bag plants 5x9																			8950.00	0.362
	Maintenance of bag plants 5x9																			8950.00	0.269
	Conversion of bag plants 5x9 to 8x12 till March																			8950.00	0.619
	Maintenance of bag plants 8x12 from April to planting																			21450.00	0.851
	Maintenance of left over bag plants 8x12 from August to March																			2000.00	
	Sub total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		2.490
2	Planting activities																				0.000
	Advance operations																			3.90	1.598
	Raising																			3.90	10.331
	1st year maintenance																			3.90	5.231
	2nd year maintenance																			3.90	1.677
	3rd year maintenance																			3.90	1.616
	4th year maintenance																			3.90	1.778
	5th year maintenance	3.90	0.0743	0.2898																3.90	0.290
	6th year maintenance		0.2466		3.90	0.2713	1.058													3.90	1.058
	7th year maintenance		0.0743			0.0817		3.90	0.090	0.3506										3.90	0.351
	8th year maintenance		0.2466			0.2713			0.298		3.90	0.3283	1.2802							3.90	1.280
	9th year maintenance		0.0743			0.0817			0.090			0.0989		3.90	0.1088	0.4243				3.90	0.424
	10th year maintenance		0.2466			0.2713			0.298			0.3283			0.3611		3.90	0.3972	1.5491	3.90	1.549
	Sub total	3.900		0.290	3.900		1.058	3.900		0.351	3.900		1.280	3.900		0.424	3.900		1.549		27.183
3	Administrative costs 10% of total cost			0.029			0.106			0.035						0.042			0.155		2.967
	GRAND TOTAL			0.319			1.164			0.386			1.280			0.467			1.704		32.640


Forest Divisional Officer
Bellampally


Conservator of Forests &
Field Director Project Tiger,
Kawal Tiger Reserve, Nirmal.

Revised - Unit cost for raising of NTSH plantation 1 Ha (3m x 2m (SMM))

FSR Item No.	Item of work	Units per	Qty	FSR Rate	Rate incl. allw.	Amount
02.09.	PLANTING OPERATION DURING RAISING YEAR					
	Deep ploughing the effective (excluding unsuitable patches) plantation area across the slope to a depth of 30 cm with HDT of 55 HP and above with firm MB plough (FOR UNTILLED AREAS) - <i>to be completed by 15th of June</i>					
02.09.02	i) Ordinary Soils	Ha	1	3305.06		3305.06
02.09.01	Removing congestion of root suckers and uprooted material hindering the effective ploughing.	Ha	1	985.70	1182.84	1182.84
	Alignment & Staking including demarcation of baseline					
02.09.04	b) 3 X 2 m espacement = 1666 planting points	100	1666	72.88	87.46	1457.02
02.09.05	Cost of preparation of stakes (0.45m length) and transportation to site.	100	1666	51.65		860.49
	Digging of pits in ploughed areas in June-July by adopting 50% of original pitting rate of ordinary soils					
02.09.06	b) 45 cm ³ pits	Pit	1666	9.65	11.58	19292.28
	Transportation of planting stock (including loading and unloading)					
	<i>From nursery to plantation site - upto 5km lead (Kuntaramulu basti)</i>					
02.09.07	20 X 30cm (8"X12") bag plants	100	1666	190.84		3179.39
	Internal transportation of bag plants to planting points in head loads					
02.09.10	20 X 30cm (8"X12") bag plants	100	1666	128.79	154.55	2574.77
02.09.11	(a) Application of 50 gm of SSP per pit	100	1666	34.25	41.10	684.73
02.09.12	(b) Cost of SSP, Chloridine dust (50 g) or Chloropyriphos	A/a		2.00		2.00
	Planting:					
02.09.13	45x45x45 cumtr pit	100	1666	396.80	476.16	7932.83
02.15.10	Cost of supporting stake of 2.5 m long	1	1666	15.00		24990.00
02.15.13	Watering one time	100	1666	650.00		10829.00
	Replacement of casualties					
02.09.15	Replacement of casualties : 20 % during raising year & 25 % during maintenance years. The casualty replacement should be done in 3 stages at interval of 15 days immediately after planting during raising years.	50 % of unit rate of original pitting during raising year. Planting, transport same as adopted during raising year				
	Transportation upto 5km	100	333	190.84		635.50
	Internal transport to planting points	100	333	128.79	154.55	514.64
	Digging of pits of 45cum pits	Each	333	9.65	11.58	3856.14
	Planting bag plants	100	333	396.80	476.16	1585.61
	Application of fertilizers					
02.09.16	Cost of DAP@ 25g/planting point	Kg		2.00		2.00
02.09.17	<i>Application</i> of fertilizers in august (30 days after planting) by making 3 holes of 10 cm depth with crowbar, 10 cm away form plant and putting fertilizers and closing.	100	1666	35.62	42.74	712.12

FSR Item No.	Item of work	Units per	Qty	FSR Rate	Rate incl. allw.	Amount
02.09.18	a)Circular weeding to a radius of 0.50m around the plant after 30 days of planting (i.e., July - August)	100	1666	113.34	136.01	2265.89
02.09.19	b)Circular weeding cum deep soil working to a radius of 0.50m and to a depth of 10 cm (to be done by pickaxe only) without damaging the plant (to be carried out during Nov-Dec.)	100	1666	595.23	714.28	11899.84
	Interploughing (during November) the effective (excluding unsuitable patches) plantation area across the slope to a depth of 30 cm with HDT of 55 HP and above with FMB plough					
02.09.20	i) Ordinary soils	Ha	1	2253.79		2253.79
02.09.22	Uprootal of Mahaveera weed with prior written approval of Circle head and taking photographs before and after uprootal. The weed removal shall be completed before sept.end at any cost before interploughing.	Ha (effectv area)	1	3311.47	3973.76	3973.76
02.02.24	Cost of Protection: One watcher is allowed for 10-30 ha plantation; Identity Photo of Watchers with address shall be pasted in respective journal. Every month payment to be made after satisfaction by Plantation-in-charge that fence is in proper condition	per month per watcher	1	10008.0		10008.00
02.15.13	(a) Watering to the plants in main rows 6 times per year @ 6.50 per plant per watering (Rate : 6.5 x 6 = 26)	Per Plant per watering	1666	39.0		64974.00
03.01.04	Formation of Sector Lines / Fire Lines to a width of 5 M by giving surface treatment (sector to be in conformity with slope direction). All stumps to be cut to ground level.	100	240	745.8	895.00	2147.99
	Miscellaneous expenditure for plantation boards, station pillars	L/s				17897.17
	Unit Rate for 2018-19					199016.86
	Unit Rate for 2019-20					218918.54
	Unit Rate for 2020-21					240810.40
	Unit Rate for 2021-22					264891.44
	Unit Rate for 2022-23					291380.58
	Unit Rate for 2023-24					320518.64
	Unit Rate for 2024-25					352570.50
	Unit Rate for 2025-26					387827.55
	Unit Rate for 2026-27					426610.31
	Unit Rate for 2027-28					469271.34


 Forest Divisional Officer
 Bellampally

Revised - Unit cost for Advance Operations for raising of NTSH plantation 3m x 2m (SMM)

FSR code	Item of work	Units per	Qty	FSR Rate	Amount
1	2	3	4	5	6
02.08.01	Survey with hand held GPS and demarcation	LS	1	339.66	339.66
02.08.02	Clearing unsaleable unwanted jungle growth, spreading the cut material all over the site and burning the same.				
	(c) Light Jungle growth(>20% and upto 30% ground area covered with Jungle growth with prior approval of DFO based on field of DFO)	Ha	1	5686.75	5686.75
02.08.03	Uprootal of stumps to a minimum of depth of 45 cm with heavy machinery fitted with 90 cm and above bucket capacity				
	(d) Uprootal of stumps in old eucalyptus plantation with machinery	Ha	1	17917.00	17917.00
02.08.04	Collection and removal of uprooted stumps of all sizes, other debris to outside the plantation site				
	(c) Light Jungle growth(>20% and upto 30% ground area covered with Jungle growth with prior approval of DFO based on field of DFO)	Ha	1	9916.46	9916.46
	Unit Rate for 2018-19				33859.87
	Unit Rate for 2019-20				37245.86
	Unit Rate for 2020-21				40970.44
	Unit Rate for 2021-22				45067.49
	Unit Rate for 2022-23				49574.24
	Unit Rate for 2023-24				54531.66
	Unit Rate for 2024-25				59984.83
	Unit Rate for 2025-26				65983.31
	Unit Rate for 2026-27				72581.64
	Unit Rate for 2027-28				79839.80
	Unit Rate for 2028-29				87823.78


 Forest Divisional Officer
 Bellampally

Revised - Unit cost for 1st year maintenance of NTSH plantation (3mx2m) SMM per Ha

FSR Item No.	Item of work	Units per	Qty	FSR Rate	Rate incl. allw.	Amount
2	3	4	5	6	7	8
02.10.	1st YEAR MAINTENANCE					
02.10.01	Replacement of Casualties: 25% in 1 st year. The list of all casualty points shall be prepared by concerned FRO by and made a report to DFO latest by end of May. The pitting of all such casualty points shall be over by end of June. <i>The casualty replacement shall be completed by end of July.</i>	Pitting, planting, transportation and internal transportation same as prescribed in fresh planting.				
02.09.07	(b)Transportation upto 5km	100	416	190.84		793.89
02.09.10	(b) Internal transport to planting points	100	416	128.79		535.77
02.09.06	Digging of pits of 45cum pits	Each	416	9.65	11.58	4817.28
02.02.16	Planting bag plants	100	416	396.80	476.16	1980.83
	WEEDING & SOIL WORKING					
02.10.02	Circular weeding to a radius of 0.5 m around the plant during raising year (July-August)	100	1666	113.34	136.01	2265.89
02.10.03	Circular weeding cum deep soil working to a radius of 0.5 m and to a depth of 15cm (to be done by pick axe only) without damaging the plant during Nov. - Dec.	100	1666	595.23	714.28	11899.84
02.10.04	Uprootal of Mahaveera	Ha	1	3311.47	3973.76	3973.76
02.10.04	(b) Interploughing using tractors with cultivator in 1st year maintenance and old plantations	Ha	1	2253.79		2253.79
02.10.09	Cost of Protection: One watcher is allowed for 10-30 ha plantation;	Pm PW	01X 12M	10008.0		10008.00
02.15.13	(a) Watering to the plants in main rows 4 times per year @ 6.50 per plant per watering (Rate : 6.5 x 4 = 26)	Per Plant per watering	1666	26.0		43316.00
03.03.07	Maintenance of Fire Lines 5 M width	100	240	551.7	662.04	1588.90
	Miscellaneous expenditure for maintenance of plantation boards , station pillars	L/s				8184.51
	Unit Rate for 2018-19					91618.45
	Unit Rate for 2019-20					100780.30
	Unit Rate for 2020-21					110858.33
	Unit Rate for 2021-22					121944.16
	Unit Rate for 2022-23					134138.58
	Unit Rate for 2023-24					147552.43
	Unit Rate for 2024-25					162307.68
	Unit Rate for 2025-26					178538.45
	Unit Rate for 2026-27					196392.29
	Unit Rate for 2027-28					216031.52
	Unit Rate for 2028-29					237634.67


 Forest Divisional Officer
 Bellampally

Revised - Unit Cost for 2nd year Maintenance of NTSH Plantation (3X2 M) SMM per Ha.

FSR Item No.	Item of work	Units per	Qty	FSR Rate	Rate Incl allw.	Amount
2	3	4	5	6		8
02.11.00	2nd YEAR MAINTENANCE					
02.11.01	Circular weeding cum deep soil working to a radius of 0.5 m and to a depth of 15cm (to be done by pick axe only) without damaging the plant during (July - Aug.)	100	1666	595.23	714.28	9916.53
02.11.02	Pruning of lower branches initials of timber and NTSFP species	100	1666	112.68	135.22	1877.25
02.11.04	Uprootal of mahaveera	Ha	1	3311.47	3973.76	3311.47
03.03.07	Maintenance of Fire Lines 5 M width	100	240	551.7	662.04	1588.90
02.11.05	Cost of Protection: One watcher is allowed for 10-30 ha plantation; Identity Photo of Watchers with address shall be pasted in respective journal. Every month payment to be made after satisfaction by Plantation-in-charge that fence is in proper condition	per month per watcher	01X 12M	10008.0		10008.00
	Unit Rate for 2018-19					26702.15
	Unit Rate for 2019-20					29372.36
	Unit Rate for 2020-21					32309.60
	Unit Rate for 2021-22					35540.56
	Unit Rate for 2022-23					39094.61
	Unit Rate for 2023-24					43004.07
	Unit Rate for 2024-25					47304.48
	Unit Rate for 2025-26					52034.93
	Unit Rate for 2026-27					57238.42
	Unit Rate for 2027-28					62962.26
	Unit Rate for 2028-29					69258.49


 Forest Divisional Officer
 Bellampally

Revised - Unit Cost for 3rd year Maintenance of NTSH Plantation (3X2 M) SMM per Ha.

FSR Item No.	Item of work	Units per	Qty	FSR Rate	Rate incl allw.	Amount
2	3	4	5	6	7	8
02.11.00	3rd YEAR MAINTENANCE					
02.11.01	Circular weeding cum deep soil working to a radius of 0.5 m and to a depth of 15cm (to be done by pick axe only) without damaging the plant during (July - Aug.)	100	1666	595.23	714.28	9916.53
02.11.02	Pruning of lower branches initials of timber and NTSFP species	100	1666	112.68	135.22	1877.25
03.03.07	Maintenance of Fire Lines 5 M width	100	240	551.7	662.04	1588.90
02.11.05	Cost of Protection: One watcher is allowed for 10-30 ha plantation; Identity Photo of Watchers with address shall be pasted in respective journal. Every month payment to be made after satisfaction by Plantation-in-charge that fence is in proper condition	per month per watcher	01X 12M	10008.0		10008.00
	Unit Rate for 2018-19					23390.68
	Unit Rate for 2019-20					25729.74
	Unit Rate for 2020-21					28302.72
	Unit Rate for 2021-22					31132.99
	Unit Rate for 2022-23					34246.29
	Unit Rate for 2023-24					37670.92
	Unit Rate for 2024-25					41438.01
	Unit Rate for 2025-26					45581.81
	Unit Rate for 2026-27					50139.99
	Unit Rate for 2027-28					55153.99
	Unit Rate for 2028-29					60669.39


 Forest Divisional Officer
 Bellampally

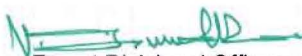
Revised - Unit Cost for 4th year Maintenance of NTSHP Plantation (3X2 M) SMM per Ha.

FSR Item No.	Item of work	Units per	Qty	FSR Rate	Rate incl allw.	Amount
1	2	3	4	5	6	7
02.11.00	4th YEAR MAINTENANCE					
02.11.01	Circular weeding cum deep soil working to a radius of 0.5 m and to a depth of 15cm (to be done by pick axe only) without damaging the plant during (July - Aug.)	100	1666	595.23	714.28	9916.53
02.11.02	Pruning of lower branches initials of timber and NTSFP species	100	1666	112.68	135.22	1877.25
03.03.07	Maintenance of Fire Lines 5 M width	100	240	551.7	662.04	1588.90
02.11.05	Cost of Protection: One watcher is allowed for 10-30 ha plantation; Identity Photo of Watchers with address shall be pasted in respective journal. Every month payment to be made after satisfaction by Plantation-in-charge that fence is in proper condition	per month per watcher	01X 12M	10008.0		10008.00
	Unit Rate for 2018-19					23390.68
	Unit Rate for 2019-20					25729.74
	Unit Rate for 2020-21					28302.72
	Unit Rate for 2021-22					31132.99
	Unit Rate for 2022-23					34246.29
	Unit Rate for 2023-24					37670.92
	Unit Rate for 2024-25					41438.01
	Unit Rate for 2025-26					45581.81
	Unit Rate for 2026-27					50139.99
	Unit Rate for 2027-28					55153.99
	Unit Rate for 2028-29					60669.39


 Forest Divisional Officer
 Bellampally

Revised - Unit Cost for 5th year Maintenance of NTSH Plantation (3X2 M) SMM per Ha.

FSR Item No.	Item of work	Units per	Qty	FSR Rate	Rate incl allw.	Amount
1	2	3	4	5	6	7
02.11.00	5th YEAR MAINTENANCE					
02.11.02	Pruning of lower branches initials of timber and NTSFP species	100	1666	112.68	135.22	1877.25
03.03.07	Maintenance of Fire Lines 5 M width	100	240	551.7	662.04	1588.90
	Unit Rate for 2018-19					3466.14
	Unit Rate for 2019-20					3812.76
	Unit Rate for 2020-21					4194.04
	Unit Rate for 2021-22					4613.44
	Unit Rate for 2022-23					5074.78
	Unit Rate for 2023-24					5582.26
	Unit Rate for 2024-25					6140.49
	Unit Rate for 2025-26					6754.54
	Unit Rate for 2026-27					7429.99
	Unit Rate for 2027-28					8172.99
	Unit Rate for 2028-29					8990.29


 Forest Divisional Officer
 Bellampally

Revised - Unit Cost for 6th year Maintenance of NTSH Plantation (3X2 M) SMM per Ha.

FSR Item No.	Item of work	Units per	Qty	FSR Rate	Rate incl allw.	Amount
1	2	3	4	5	6	7
02.11.00	6th YEAR MAINTENANCE					
02.11.01	Circular weeding cum deep soil working to a radius of 0.5 m and to a depth of 15cm (to be done by pick axe only) without damaging the plant during (July - Aug.)	100	1666	595.23	714.28	9916.53
03.03.07	Maintenance of Fire Lines 5 M width	100	240	551.7	662.04	1588.90
	Unit Rate for 2018-19					11505.43
	Unit Rate for 2019-20					12655.97
	Unit Rate for 2020-21					13921.57
	Unit Rate for 2021-22					15313.72
	Unit Rate for 2022-23					16845.10
	Unit Rate for 2023-24					18529.61
	Unit Rate for 2024-25					20382.57
	Unit Rate for 2025-26					22420.82
	Unit Rate for 2026-27					24662.91
	Unit Rate for 2027-28					27129.20
	Unit Rate for 2028-29					29842.12


 Forest Divisional Officer
 Bellampally

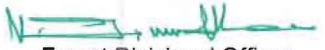
Revised - Unit Cost for 7th year Maintenance of NTSHP Plantation (3X2 M) SMM per Ha.

FSR Item No.	Item of work	Units per	Qty	FSR Rate	Rate incl allw.	Amount
1	2	3	4	5	6	7
02.11.00	7th YEAR MAINTENANCE					
02.11.02	Pruning of lower branches initials of timber and NTSFP species	100	1666	112.68	135.22	1877.25
03.03.07	Maintenance of Fire Lines 5 M width	100	240	551.7	662.04	1588.90
	Unit Rate for 2018-19					3466.14
	Unit Rate for 2019-20					3812.76
	Unit Rate for 2020-21					4194.04
	Unit Rate for 2021-22					4613.44
	Unit Rate for 2022-23					5074.78
	Unit Rate for 2023-24					5582.26
	Unit Rate for 2024-25					6140.49
	Unit Rate for 2025-26					6754.54
	Unit Rate for 2026-27					7429.99
	Unit Rate for 2027-28					8172.99
	Unit Rate for 2028-29					8990.29


 Forest Divisional Officer
 Bellampally

Revised - Unit Cost for 8th year Maintenance of NTSH Plantation (3X2 M) SMM per Ha.

FSR Item No.	Item of work	Units per	Qty	FSR Rate	Rate incl allw.	Amount
1	2	3	4	5	6	7
02.11.00	8th YEAR MAINTENANCE					
02.11.01	Circular weeding cum deep soil working to a radius of 0.5 m and to a depth of 15cm (to be done by pick axe only) without damaging the plant during (July - Aug.)	100	1666	595.23	714.28	9916.53
03.03.07	Maintenance of Fire Lines 5 M width	100	240	551.7	662.04	1588.90
	Unit Rate for 2018-19					11505.43
	Unit Rate for 2019-20					12655.97
	Unit Rate for 2020-21					13921.57
	Unit Rate for 2021-22					15313.72
	Unit Rate for 2022-23					16845.10
	Unit Rate for 2023-24					18529.61
	Unit Rate for 2024-25					20382.57
	Unit Rate for 2025-26					22420.82
	Unit Rate for 2026-27					24662.91
	Unit Rate for 2027-28					27129.20
	Unit Rate for 2028-29					29842.12
	Unit Rate for 2029-30					32826.33


 Forest Divisional Officer
 Bellampally

Revised - Unit Cost for 9th year Maintenance of NTSH Plantation (3X2 M) SMM per Ha.

FSR Item No.	Item of work	Units per	Qty	FSR Rate	Rate incl allw.	Amount
1	2	3	4	5	6	7
02.11.00	9th YEAR MAINTENANCE					
02.11.02	Pruning of lower branches initials of timber and NTSFP species	100	1666	112.68	135.22	1877.25
03.03.07	Maintenance of Fire Lines 5 M width	100	240	551.7	662.04	1588.90
	Unit Rate for 2018-19					3466.14
	Unit Rate for 2019-20					3812.76
	Unit Rate for 2020-21					4194.04
	Unit Rate for 2021-22					4613.44
	Unit Rate for 2022-23					5074.78
	Unit Rate for 2023-24					5582.26
	Unit Rate for 2024-25					6140.49
	Unit Rate for 2025-26					6754.54
	Unit Rate for 2026-27					7429.99
	Unit Rate for 2027-28					8172.99
	Unit Rate for 2028-29					8990.29
	Unit Rate for 2029-30					9889.32
	Unit Rate for 2030-31					10878.25
	Unit Rate for 2031-32					11966.07



Forest Divisional Officer
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Revised - Unit Cost for 10th year Maintenance of NTSH Plantation (3X2 M) SMM per Ha.

FSR Item No.	Item of work	Units per	Qty	FSR Rate	Rate incl allw.	Amount
1	2	3	4	5	6	7
02.11.00	10th YEAR MAINTENANCE					
02.11.01	Circular weeding cum deep soil working to a radius of 0.5 m and to a depth of 15cm (to be done by pick axe only) without damaging the plant during (July - Aug.)	100	1666	595.23	714.28	9916.53
03.03.07	Maintenance of Fire Lines 5 M width	100	240	551.7	662.04	1588.90
	Unit Rate for 2018-19					11505.43
	Unit Rate for 2019-20					12655.97
	Unit Rate for 2020-21					13921.57
	Unit Rate for 2021-22					15313.72
	Unit Rate for 2022-23					16845.10
	Unit Rate for 2023-24					18529.61
	Unit Rate for 2024-25					20382.57
	Unit Rate for 2025-26					22420.82
	Unit Rate for 2026-27					24662.91
	Unit Rate for 2027-28					27129.20
	Unit Rate for 2028-29					29842.12
	Unit Rate for 2029-30					32826.33
	Unit Rate for 2030-31					36108.96
	Unit Rate for 2031-32					39719.86


 Forest Divisional Officer
 Bellampally

Unit cost for Conversion of 5x9 bags to 8x12 bags

FSR Item No.	Item of work	Units per	Qty	FSR Rate	Rate Incl. allw.	Amount
2	3	4	5	6		8
01.03.22	CONVERSION of Root Trainer plants or 4"x7" or 5"x9" bag-plants into higher size bags - to be done during September - October. At the time of conversion, the height of the plants should be at least above 0.45m in height (excluding the height of polybag).					
01.03.23	Cost and Transport of ingredients for Potting Mixture: Red Soil, tank-silt / clayey soil, FYM in 2:1:1 ratio. To this soil mixture, 220 gm of Indophyll M-45, 4.5 kg of single super phosphate (SSP) and 250 gm of phorate granules per 1 cum of potting mixture will be added. Cost of chemicals is as per actuals.					
01.03.24	Transportation of soil mixture ingredients up to a distance of 5 km					
	(e) 5" x 9" to 8" x 12" polybags (3.82 - 1.12 = 2.7 cum)	1000 bags	1000	950.46		950
01.03.25	Preparation of Potting Mixture by powdering of various ingredients, sieving and mixing them in prescribed proportion; opening of bags and filling with potting mixture partially, tearing the polybag plants and repotting them inside bigger bags and filling the rest of bags; gently pressing the same with finger tips and arranging in beds of 10x1 m size (6"x12" size: 1100 bag plants / bed and 8"x12" size": 800 bag plants per bed)					
	(e) 5" x 9" to 8" x 12" polybags (3.82 - 1.12 = 2.7 cum)	1000 bags	1000	1614.72	1937.66	1938
01.03.33	Weeding the plants (1100 no. of 6"x12"bags; 800 no. of 8"x12" bags; and 400 no. of 10"x16" bags) from November - March: 2 weeding					
	(a) 1 st weeding - December	1000 / weeding	1.00	59.70	71.64	72
	(b) 2 nd weeding - February	1000 / weeding	1.00	59.70	71.64	72
01.03.34	Shifting, Grading and rearranging in secondary beds - One Grading in February	1000 / weeding	1.00	278.84	334.60	335
01.03.35	Watering the plants manually twice a day (from November - March) with rose cans or finely perforated nozzle attached to a hose pipe.					
	(a) Manually with rose cans or finely perforated nozzle attached to a hose pipe	Per 1000 / month	1000 x 5 M	325.13	390.15	1951
01.03.33	Cost of foliar nutrient formulations like NPK-19:19:19; fungicides and Insecticides (from Dec - March)					50
01.03.34	Contingencies					350
	Unit Rate for 2018-19					5716.76
	Unit Rate for 2019-20					6288.43
	Unit Rate for 2020-21					6917.28
	Unit Rate for 2021-22					7609.01
	Unit Rate for 2022-23					8369.91
	Unit Rate for 2023-24					9206.90
	Unit Rate for 2024-25					10127.59
	Unit Rate for 2025-26					11140.34
	Unit Rate for 2026-27					12254.38
	Unit Rate for 2027-28					13479.82
	Unit Rate for 2028-29					14827.80


 Forest Divisional Officer
 Bellampally

Revised - Unit cost for raising of 5x9 bags

FSR Item No.	Item of work	Units per	Qty	FSR Rate	Rate incl. allw.	Amount
1	2	3	4	5	6	7
01.03.00	Bag plant nursery					
01.03.01	Site preparation for new sites	1000	1.00	96.36		96.36
01.03.03	Cost of polybags	1000	3.41	159.00		542.51
01.03.04	Cost and transportation of soil mixture ingredients up to a distance of 5 km					
	(b) 5" x 9" (1.12 = 2.7 cum)	1000 bags	1000	382.98		382.98
01.03.07	Preparation of Potting Mixture by powdering of various ingredients, sieving and mixing them in prescribed proportion; opening of bags and filling with potting mixture partially,					
	(b) 5" x 9" (1.12 cum)	1000 bags	1000	907.40	1088.88	1088.88
01.03.08	Alignment of beds incl. alignment of inspection paths	1000 bags	1.00	4.24	5.08	5.08
01.03.09	Pricking out seedlings from primary beds and transplanting	1000	1000	134.03	160.84	160.84
01.03.29	Weeding the plants	1000 / weeding	1 b x 1M	28.09	33.71	33.71
01.03.30	Shifting, Grading and rearranging in secondary beds - One Grading in February	1000 / weeding	1.00	131.22	157.46	157.46
01.03.11	Watering the plants manually twice a day (from Novemebr - March) with rose cans or finely perforated nozzle attached to a hose pipe.					
	(a) Manually with rose cans or finely perforated nozzle attached to a hose pipe	Per 1000 / month	1 beds x 5 M	153.00	183.60	918.00
01.03.14	Replacements of casualties	1000	1.00	37.26	44.71	44.71
01.03.15	Cost of foliar nutrient formulations like NPK-19:19:19; fungicides and insecticides (from Dec - March)					50.00
01.03.34	Contingencies	As per actuals,				200.00
	Unit Rate for 2018-19					3680.53
	Unit Rate for 2019-20					4048.58
	Unit Rate for 2020-21					4453.44
	Unit Rate for 2021-22					4898.78
	Unit Rate for 2022-23					5388.66
	Unit Rate for 2023-24					5927.52
	Unit Rate for 2024-25					6520.28
	Unit Rate for 2025-26					7172.30
	Unit Rate for 2026-27					7889.54
	Unit Rate for 2027-28					8678.49
	Unit Rate for 2028-29					9546.34


 Forest Divisional Officer
 Bellampally

Revised - Unit cost for Maint. of 5x9 bags

FSR Item No.	Item of work	Units per	Qty	FSR Rate	Rate incl. allw.	Amount
1	2	3	4	5	6	7
01.04.00	Maint. Of 5x9 bag sfrom April to October					
01.04.01	Watering polybags secondary beds twice a day for 8 months	1000 /Month	1B x 8M	153.00	183.60	1468.80
01.04.02	Weeding the plants for 8 months	1000 /Month	1B x 8M	28.09	33.71	269.70
01.04.03	Shifting, Grading and rearranging in secondary beds - (One April to June, sept)	1000 / shifting	1B x 3M	131.22	157.46	472.38
01.04.07	Weeding the space between beds	Per 1000	1.00	19.15	22.98	22.98
01.04.08	Cost of foliar nutritient formulations like NPK-19:19:19; fungicides and insecticides (from Dec - March)					50.00
01.03.34	Contingencies	As per actuals,				200.00
	Unit Rate for 2018-19					2483.86
	Unit Rate for 2019-20					2732.25
	Unit Rate for 2020-21					3005.47
	Unit Rate for 2021-22					3306.02
	Unit Rate for 2022-23					3636.62
	Unit Rate for 2023-24					4000.28
	Unit Rate for 2024-25					4400.31
	Unit Rate for 2025-26					4840.34
	Unit Rate for 2026-27					5324.37
	Unit Rate for 2027-28					5856.81
	Unit Rate for 2028-29					6442.49


 Forest Divisional Officer
 Bellampally

Revised - Unit cost for Maint. of 8x12 bags from April to Planting (July)

FSR Item No.	Item of work	Units per	Qty	FSR Rate	Rate incl. allw.	Amount
1	2	3	4	5	6	7
01.04.00	Maint. Of 8x12 bag sfrom April to July					
01.04.01	Watering polybags secondary beds twice a day for 4 months	Bed /Month	1B x 4M	325.13	390.15	1560.60
01.04.02	Weeding the plants twice in 4 months	Bed/M	1B x 4M	59.70	71.64	286.56
01.04.03	Shifting, Grading and rearranging in secondary beds - (One April to June)	Bed / shifting	1B x 2M	278.84	334.60	669.21
01.04.07	Weeding the space between beds	Per bed	1.00	40.69	48.82	48.82
01.04.08	Cost of foliar nutrient formulations like NPK-19:19:19; fungicides and insecticides (from Dec - March)					50.00
01.03.34	Contingencies	As per actuals,				200.00
	Unit Rate for 2018-19					2815.19
	Unit Rate for 2019-20					3096.71
	Unit Rate for 2020-21					3406.38
	Unit Rate for 2021-22					3747.02
	Unit Rate for 2022-23					4121.72
	Unit Rate for 2023-24					4533.90
	Unit Rate for 2024-25					4987.29
	Unit Rate for 2025-26					5486.02
	Unit Rate for 2026-27					6034.62
	Unit Rate for 2027-28					6638.08
	Unit Rate for 2028-29					7301.89


 Forest Divisional Officer
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Revised - Unit cost for Maint. of 8x12 bags from August to March

FSR Item No.	Item of work	Units per	Qty	FSR Rate	Rate incl. allw.	Amount
1	2	3	4	5	6	7
01.05.00	Maint. Of 8x12 bag sfrom August to March					
01.05.01	Watering polybags secondary beds twice a day for 8 months	1000 /Month	1B x 8M	325.13	390.15	3121.20
01.04.02	Weeding the plants for 8 months	1000/M	1B x 4M	59.70	71.64	573.12
01.04.03	Shifting, Grading and rearranging in secondary beds - (3 Shiftings from August to March)	1000 / shifting	1B x 3M	278.84	334.60	1003.81
01.04.07	Weeding the space between beds	Per1000	1.00	40.69	48.82	48.82
01.04.08	Cost of foliar nutrient formulations like NPK-19:19:19; fungicides and insecticides (from Dec - March)					50.00
01.03.34	Contingencies	As per actuals,				200.00
	Unit Rate for 2018-19					4996.96
	Unit Rate for 2019-20					5496.65
	Unit Rate for 2020-21					6046.32
	Unit Rate for 2021-22					6650.95
	Unit Rate for 2022-23					7316.05
	Unit Rate for 2023-24					8047.65
	Unit Rate for 2024-25					8852.42
	Unit Rate for 2025-26					9737.66
	Unit Rate for 2026-27					10711.42
	Unit Rate for 2027-28					11782.56
	Unit Rate for 2028-29					12960.82



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