YEAR WISE DETAILED ABSTARCT OF CA SCHEME FOR 10 HA IN NARSAMPALLY RF OF SIDD	DIPET DISTRICT
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SI.	u en	1 18 1	Total Out	lav	2016	- 17	201	7 - 18	2015	3 - 19	2019	- 20	202	0 - 21	2024	A THE RESERVE	2000	S. Santa de la constante de la			T		1	
No	Item of Work	Unit	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	2021 Phy	Fin		2 - 23	2023			4 - 25		d Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
	Semi Mechanical Method	d		d in Asset				31 (1)	10			1 13	14	15	10	17	18	19	20	21	22	23	24	25
100	Planting activities							7-1		- Maria								17,2			7.95			-15
1	Advance Operations	На	10.00	3.88	10.00	3.88							10.00		1		U.S.	Contract of the Contract of th	1		1000		10.00	2.00
2	Raising	На	10.00	29.25			10.00	29.25			The same of		Boy China	wal.			S 10 3 5						10.00	3.88
3	1st Year Maintenance	На	10.00	7.93				Sales Company	10.00	7.93	CO.		La Village				17					STATE OF	10.00	7.93
4	2nd Year Maintenance	На	10.00	3.47		C Carlo	1		A 1 1244	W. 18	10.00	3.47	(A) HIS	U. SIK			3845	Burnet H	L. Case		100		10.00	3.47
5	3rd Year Maintenance	На	10.00	2.94			1						10.00	2.94	RIFFERE	100	N. C.	£ 40, 77 10			3		10.00	2.94
6	4th Year Maintenance	На	10.00	4.00	The Figure							100 M			10.00	4.00	Maria			7/2/03/0			10.00	4.00
7	5th Year Maintenance	Ha	10.00	4.27		11.	1			g Hall		THE BY	11 -16			Mar de	10.00	4.27		31			10.00	4.27
8	6th Year Maintenance	На	10.00	4.54	不同的使	20			P. P. San			Min.		AND DE		1000	100		10.00	4.54			10.00	4.54
9	7th Year Maintenance	На	10.00	4.81									1 1 10		475 189	97, 2	at State			1.01	10.00	4.81	10.00	4.81
	Plantation Total:	На	10.00	65.09	10.00	3.88	10.00	29.25	10.00	7.93	10.00	3.47	10.00	2.94	10.00	4.00	10.00	4.27	10.00	4.54	10.00	4.81	10.00	65.09
	Protection activities																							
10	Fixing of Chain Link Fencing	Kms	1.00	14.70			1.00	14.70															1.00	14.70
11	Digging of Peripheral Trench.	RMT	625.00	0.93	625.00	0.93															F - 10 - 10 - 10 - 10 - 10 - 10 - 10 - 1		625.00	0.93
	Protection work Total			15.63		0.93		14.70	1	0.00		0.00		0.00		0.00		0.00		0.00		0.00		15.63
	Works Total			80.72		4.80		43.95		7.93		3.47		2.94		4.00		4.27		4.54		4.81		80.72
12	Administrative Cost (10%) (Digitization of Maps, Purchase of Computers, Stationary, Purchase of GPS instruments, Payment of Electricity bills, RRT, Internet, Communication charges etc.,)	LS		8.07		0.48		4.39		0.79		0.35		0.29		0.40		0.43		0.45		0.48		8.07
Tot	al year wise outlay of the project			88.79		5.29		48.34		8.73		3.82		3.23		4.41		4.70		4.99		5.29		88.79
300														1/ 60	unto	~5	guad	11	TE EVIL		0			E CONTRACTOR OF THE PARTY OF TH

Chief Conservator of Forests/ Conservator of Forests, Medak Circle, Nedak

Advance works for Raising of 10 Ha N.T.S.H. Plantations 3m X 2m. (SMM) in Narsampally RF during 2016-17

SI .No	Code	Item of work	Units	Qty	Rate	Unit	Amount
	1	2	3	4	5	6	7
		SEMI-MECHANICAL PLANTATION					
1	02.08.01	Survey with hand-held GPS (staff to carry out) and demarcation - one manday is allowed for assistance. The surveyed sketch with exact effective area statement will be uploaded in MIS platform by end of December.	Plant	10	311.04	1	3110.00
		Clearing unsalable unwanted jungle growth (Leaving all the tree species of good form particularly the hardwood tree species, spreding the cut material al over the site and burning the same twice till completely burnt the unsuitable area shall be excluded from the clearing operation and the expenditure incurred for effective area only	f				
	02.08.02	Sparse Jungle Growth (<10% ground area covered with jungle growth)	На	10	1728.81	1	17288.00
		Uprootal of Stumps (excluding unsuitable patches) to a minimum depth of 45 cm with heavy machinery fitted with 0.90 cum and above capacity bucket, filling the pits caused by uprootal, and levelling. For retrived encroached area, the approval of Circle Head is required and the approval should indicate clearly the density of stumps or vegetation to be removed through uprootal. The uprootal work shall be carried out preferably through tender process.					
	02.08.03	Sparse Jungle Growth (<10% ground area covered with jungle growth)	На	10	4357.85	1.	43579.00
		Collection and Removal of Uprooted Stumps of all sizes, other debris etc., to outside the plantation site.					
	02.08.05	Sparse Jungle Growth (<10% ground area covered with jungle growth) Old Eucalyptus plantation area	На	10	17917.00	1	179170.00

SI .No	Code	Item of work	Units	Qty	Rate	Unit	Amount
		Tilling (PERMISSIBLE FOR CA AREA ONLY) the soil to a depth of 45 cm in the effective area (excluding unsuitable patches) with heavy duty machinery fitted with 0.90 cum and above capacity bucket and levelling -ONLY PERMISSIBLE FOR CA AREA and written approval of Circle Head is needed and required budgetary provision has to find place in annual approved plan) and VIP planting area (minimum area should be more than 1 ha area). The uprootal and tilling works shall be done preferably through tender process and the execution of work should be completed befor end of March.					
2	02.08.11	Sparse Jungle Growth	На	10	14456.00	1	144560.00
		Contingencies		1 9/1 8	TO USE		293.00
				Total			387707.00

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Chief Conservator of Forests/ Conservator of Forests, Medak Circle, Medak

Raising of 10 Ha N.T.S.H. Plantations 3m X 2m. (SMM) 1666 plants per Ha in Narsampally RF

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	o. Code	Item of work	Units	Qty	Rate	Per	Amount
1	2	3	4	5	6	7	8
		PLANTING OPERATIONS DURING RAISING YEAR					
\chi_0		Deep Ploughing 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 FORTILLED AREA) - to be completed by 15th of June					
1	02.09.02	2 ii) Hard soils like gravel and morum	Ha	10	2697.24	1	26972
2	02.09.04	Removing congestion of root suckers and other uprooted material hindering the effective ploughing	На	10	853.42	1	8534
3	02.09.06	Allignment & Stacking including demarcation of base line ii) 2X3 m espacement = 1666 planting points	Nos	16660	66.74	100	11119
4	02.09.09	Cost of preparation of stakes (0.45 M length) and transportation to site.	Nos	16660	47.30	100	7880
		Digging of Pits in Ploughed Areas in June - July by adopting 50% of original rate of digging of pits of ordinary soil					
5	02.09.11	b) 45 cm ³ pits	Each	16660	8.84	1	147274
	A/a	Cost of plants including transportation, loading and unloading charges upto the planting site	Each	19992	100.00	1	1999200
		Internal transportation to planting points on head loads					
8	02.09.23	20 X 30 cm (8"X12") bag plants	Nos	16660	76.25	100	12703
9	ns	PLANTING: No Eucalyptus, not even mixed with bamboo, shall be planted in CA area. Only indigenous secondary harwood species and its associates mixed with local NTFP species shall be planted in CA areas. The minimum height of the planting stock to be planted 0.75 - 1m height (excluding the height of the bag)					
		Fortification of seedling with insecticide and treating pits with SSP	Kgs	8330	15.00	1	124950

SI .No.	Code	Item of work	Units	Qty	Rate	Per	Amount
1	2	3	4	5	6	7	8
10	02.09.24	Application of 50 gm of SSP per pit (1 day before planting) for root growth and early establishment of plant after planting. Similarly, the bag plants to be planted are to be dipped inside Chloropyriphos solution (5 ml of Chloropyriphos in 1 lit water) either at nursery site before transport or at plantation site before	Nos	16660	32.62	100	5434
		Planting		313 (0)			
11	02.09.27	ii) 45 cm ³	Nos	16660	363.37	100	60537
		WEEDING & SOIL WORKING					
12	02.09.31	a) 1 st circular weeding to a radius of 0.50 m around the plant after 30 days of planting (i.e. July - Aug)	100	16660	103.79	100	17291
13	02.09.32	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 atround the plant to 10cm wide but weeding that part of area by hand and formation of saucer in hard gravelly soils.	Nos	16660	545.08	100	90810
14	02.09.29	Replacement of Casualties: 20% during Raising Year. (In case of Eucalyptus: 10% during raising and no casualty replacement for further maintenance). The caualty replacement should be done in 3 stages at an interval of 15 days immediately after planting during raising year					
		Pitting (50% of original rate)	Nos	333	4.42	1	1472
		Internal transport of bag plants to planting	Nos	333	76.25	100	254
		Planting bag plants	Nos	333	363.37	100	1210
		Fertilizer Application for boosting growth	TZ.	417	25.00	1	10413
		Cost of DAP @ 25 gm / planting point	Kgs	417	25.00	1	10413
		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	Nos	16660	32.62	100	5434
		Inter Ploughing					
			No. of the last				

[C1							
Sl .No	Code	Item of work	Units	Qty	Rate	Per	Amount
1	2	3	4	5	6	7	8
		Inter ploughing (during November) the effective (excluding unsuitable patches) plnatation 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.(ii) Hard Soil.					
15	02.09.34	ii) Hard Gravelly Soil.	Ha	10	2810.70	1	28107
		Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher for more than 30 ha; and if the area is less than 10 ha, prior approval of Conservator of Forests is required. Identity Photo of Watchers with address shall be pasted in respective					
16	02.09.38	Plantation Journal. Every month payment to be made after satisfaction by Plantation-in-charge that fence is in proper condition and entry of grazing animals is stopped and site is not affected with fire. The guiding principle for continuation of the services of a Plantation Watcher is at least 80% survival at the end of raising year.	Nos	9	7500.00	1	67500
18	2.10.04	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 August-end (before flowering) at any cost before inter-ploughing.	На	10	3032.48	1	30325
19	01.03.51	Contingencies for Raising Year towards the expenditure like cost of hose pipe, nursery boards, electricty charges, running and maintainance charges of oil engines (Bills to be certified by ACF / DFO; and separate logbook for repair of motor or oil engine and store register for materials purchased.	A/a				1503
		Total					2658922
		10%escalation on 2016-17 FSR					265892
				Total			2924814

Chief Conservator of Forests/ Conservator of Forests, Medak Circle, Medak

SI No	Code	Item of work	Units	Qty	Rate	Per	Amoun
1	2	3	4	5	6	7	8
1	02.10.0	1ST YEAR MAINTAINANCE Replacement of Casualties: 25% during Raising Year. (In case of Eucalyptus: 10% during raising and no casualty replacement for further maintenance). The caualty replacement should be done in 3 stages at an interval of 15 days immediately after planting during raising year.					
		Cost of plants	Nos	4165	100.00	Each	416500
		Digging of pits	Nos	4165	4.42	Each	18409
		Internal transport of bag plants to planting points on head loads.	Nos	4165	76.25	100	3176
		Planting bag plants	Nos	4165	363.37	100	15134
2	02.10.0	Circular weeding to a radius of 0.50 m around the plant during raising year (July - Aug)	Nos	16660	103.79	100	17291
3	02.10.0	Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pickaxe only) without damaging the plant during Nov - Dec	Nos	16660	545.08	100	90810
*	2.10.04	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 Augustend (before flowering) at any cost before inter-	На	10.00	3032.48	1	30325
4	02.10.0	Inter-ploughing (during September) the effective plantation area (excluding unsuitable patches) across the slope to a depth of 30 cm with Heavy-duty Tractor of 55 HP and above with Firm Mould Board (FMB) plough. This operation shall be carried out after Mahaveera uprootal is completed. Inter-ploughing should not be used as a means of Mahaveera uprootal.	На	10.00	2048	1	20480
5	02.10.0	Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July-Aug)	Nos	16660	103.19	100	17192
3		Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher for more than 30 ha; and if the area is less than 10 ha, prior approval of Conservator of Forests is required. Identity Photo of Watchers with address shall be pasted in respective Plantation Journal. Every month payment to be made after satisfaction by Plantation-in-charge that fence is in proper condition and entry of grazing animals is stopped and site is not affected with fire. The guiding principle for continuation of the services of a	Nos	12	7500	1	90000
		Plantation Watcher is at least 80% survival at the end of raising year.					
		Contingencies					1832
		Total		4			721150
		20% Escalation on 2016-17 FSR	1 (50	V			72115
	70.0	Total // Country Sal					793265

Chief Conservator of Forests/ Conservator of Forests, Medak Circle, Medak

2nd year maintenance of 10 Ha N.T.S.H. Plantations 3m X 2m. (SMM)at Narsampally RF of Gajwel Range

SI No	Code	Item of work	Units	Qty	Rate	Per	Amount
	. 1	2 .	3	4	5	6	7
		2 ND YEAR MAINTAINANCE					
1	02.10.02	Circular weeding to a radius of 0.50 m around the plant during raising year (July - Aug)	Nos	16660	103.79	100	17291
2	02.10.03	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	Nos	16660	545.08	100	90810
3	02.11.02	Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July-Aug)		16660	103.19	100	17192
4	02.10.05	Inter-ploughing (during September) the effective plantation area (excluding unsuitable patches) across the slope to a depth of 30 cm with Heavy-duty Tractor of 55 HP and above with Firm Mould Board (FMB) plough. This operation shall be carried out after Mahaveera uprootal is completed. Inter-ploughing should not be used as a means of Mahaveera uprootal.	На	10	2048	1	20480
5	2.10.04	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 August-end (before flowering) at any cost before inter-ploughing.	C. C	10.00	3032.48	1	30325
6	02.10.04	Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher for more than 30 ha; and if the area is less than 10 ha, prior approval of Conservator of Forests is required. Identity Photo of Watchers with address shall be pasted in respective Plantation Journal. Every month payment to be made after satisfaction by Plantation-in-charge that fence is in proper condition and entry of grazing animals is stopped and site is not affected with fire. The guiding principle for continuation of the services of a Plantation Watcher is at least 80% survival at the end of raising year.	Nos	12	7500.00	1	90000
	in a later	Contingencies					901
		Total					267000
		30%escalation on 2016-17 FSR					80100
			9	Total			347100

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Chief Conservator of Forests, Conservator of Forests, Medak Circle, Medak

3rd year maintenance of 10 Ha N.T.S.H. Plantations 3m X 2m. (SMM) at Narsampally RF

SI No	Code	Item of work	Units	Qty	Rate	Per	Amou
	1	2	3	4	5	6	7
		3 RD YEAR MAINTAINANCE				1	
1	02.10.02	Circular weeding to a radius of 0.50 m around the plant during raising year (July - Aug)	Nos	16660	103.79	100	1729
2	02.10.03	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	Nos	16660	545.08	100	90810
3	02.11.02	Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July-Aug)	Nos	16660	103.19	100	17192
1	2.10.04	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 August-end (before flowering) at any cost before inter-ploughing.	На	10.00	3032.48	1	30325
	02.10.05	Inter-ploughing (during September) the effective plantation area (excluding unsuitable patches) across the slope to a depth of 30 cm with Heavy-duty Tractor of 55 HP and above with Firm Mould Board (FMB) plough. This operation shall be carried out after Mahaveera uprootal is completed. Inter-ploughing should not be used as a means of Mahaveera uprootal.	На	10	2048	1	20480
0	2.10.04 s	Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher for more than 30 ha; and if the area is less than 10 ha, prior approval of Conservator of Forests is required. Identity Photo of Watchers with address shall be pasted in respective Plantation Journal. Every month payment to be made after satisfaction by Plantation-in-charge that fence is in proper condition and entry of grazing animals is stopped and site is not affected with fire. The guiding principle for continuation of the services of a Plantation Watcher is at least 80% survival at the end of raising thear.	Nos	12	7500.00	1	90000
		C	onting	encies			001
		Total	l	circles			901 267000
		40%Escalation on 2016-17 FSR					26700
				Total			293700

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District Forest Officer Siddipet

Chief Conservator of Forests/ Conservator of Forests, Medak Circle, Medak

4th year maintenance of 10 Ha N.T.S.H. Plantations 3m X 2m. (SMM) at Narsampally RF

1	Code	Item of work	Units	Qty	Rate	Per	Amount
4	1	2	3	4	5	6	7
		4 TH YEAR MAINTAINANCE					
1	02.10.02	Circular weeding to a radius of 0.50 m around the plant during raising year (July - Aug)	Nos	16660	103.79	100	17291
2	02.10.03	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	Nos	16660	545.08	100	90810
3	02.11.02	Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July-Aug)	Nos	16660	103.19	100	17192
4	2.10.04	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 August-end (before flowering) at any cost before inter-ploughing.	На	10.00	3032.48	1	30325
5	02.10.05	Inter-ploughing (during September) the effective plantation area (excluding unsuitable patches) across the slope to a depth of 30 cm with Heavy-duty Tractor of 55 HP and above with Firm Mould Board (FMB) plough This operation shall be carried out after Mahaveers uprootal is completed. Inter-ploughing should not be used as a means of Mahaveera uprootal.	Ha	10	2048	1	20480
6	02.10.04	Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher for more than 30 ha and if the area is less than 10 ha, prior approval of Conservator of Forests is required. Identity Photo of Watchers with address shall be pasted in respective Plantation Journal. Every month payment to be made after satisfaction by Plantation-in-charge that fence in proper condition and entry of grazing animals stopped and site is not affected with fire. The guiding principle for continuation of the services of a Plantation Watcher is at least 80% survival at the end of raising year.	is Nos	12	7500.00	. 1	90000
			Con	tingencies			901
				ungeneies			26700
		Total					13350
		50%Escalation on 2016-17 FS	K	Tota			40049

Chief Conservator of Forests, Conservator of Forests, Medak Circle, Medak

5th year maintenance of 10 Ha N.T.S.H. Plantations 3m X 2m. (SMM) at Narsampally RF

SI No	Code	Item of work	Units	Qty	Rate	Per	Amount
	. 1	2	3	4	5	6	7
		5 TH YEAR MAINTAINANCE					
1	02.10.02	Circular weeding to a radius of 0.50 m around the plant during raising year (July - Aug)	Nos	16660	103.79	100	17291
2	02.10.03	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	50.5555999999	16660	545.08	100	90810
3	02.11.02	Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July-Aug)		16660	103.19	100	17192
4	2.10.04	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 August-end (before flowering) at any cost before inter-ploughing.	CONTRACTOR AND	10.00	3032.48	1	30325
5	02.10.05	Inter-ploughing (during September) the effective plantation area (excluding unsuitable patches) across the slope to a depth of 30 cm with Heavy-duty Tractor of 55 HP and above with Firm Mould Board (FMB) plough. This operation shall be carried out after Mahaveera uprootal is completed. Inter-ploughing should not be used as a means of Mahaveera uprootal.	На	10	2048	1	20480
6	02.10.04	Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher for more than 30 ha; and if the area is less than 10 ha, prior approval of Conservator of Forests is required. Identity Photo of Watchers with address shall be pasted in respective Plantation Journal. Every month payment to be made after satisfaction by Plantation-in-charge that fence is in proper condition and entry of grazing animals is stopped and site is not affected with fire. The guiding principle for continuation of the services of a Plantation Watcher is at least 80% survival at the end of raising year.		12	7500.00	1	90000
		The state of the s	Contin	igencies			901
		Total	Contin	generes			267000
97		60%Escalation on 2016-17 FSR					160200
100		110 100	11	Total			427199

Chief Conservator of Forests,
Conservator of Forests,
Medak Circle, Medak

Unit Cost for 6th year maintenance of N.T.S.H. Plantations 3m X 2m. (SMM) 1666 plants per Ha

SI No	Code	Item of work	Units	Qty	Rate	Per	Amount
NA	1	2	3	4	5	6	7
		6 TH YEAR MAINTAINANCE		10 17 3			
1	02.10.02	Circular weeding to a radius of 0.50 m around the plant during raising year (July - Aug)	Nos	16660	103.79	100	17291
2	02.10.03	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		16660	545.08	100	90810
3	02.11.02	Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July-Aug)	Service A Service	16660	103.19	100	17192
4	2.10.04	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 August-end (before flowering) at any cost before inter-ploughing.	Ha	10.00	3032.48	1	30325
5	02.10.05	Inter-ploughing (during September) the effective plantation area (excluding unsuitable patches) across the slope to a depth of 30 cm with Heavy-duty Tractor of 55 HP and above with Firm Mould Board (FMB) plough. This operation shall be carried out after Mahaveera uprootal is completed. Inter-ploughing should not be used as a means of Mahaveera uprootal.	На	10	2048	1	20480
6	02.10.04	Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher for more than 30 ha; and if the area is less than 10 ha, prior approval of Conservator of Forests is required. Identity Photo of Watchers with address shall be pasted in respective Plantation Journal. Every month payment to be made after satisfaction by Plantation-in-charge that fence is in proper condition and entry of grazing animals is stopped and site is not affected with fire. The guiding principle for continuation of the services of a Plantation Watcher is at least 80% survival at the end of raising year.	Nos	12	7500.00	ì	90000
			Conti	ngencies			901
	100	Total					267000
		70%Escalation on 2016-17 FSR					186900

Counter Seguel

Chief Conservator of Forests, Conservator of Forests, Medak Circle, Medak

Unit Cost for 7th year maintenance of N.T.S.H. Plantations 3m X 2m. (SMM) 1666 plants per Ha

SI	Code	Item of work	Units	Qty	Rate	Per	Amount				
	1	2	3	4	5	6	7				
		7 TH YEAR MAINTAINANCE									
1	02.10.02	Circular weeding to a radius of 0.50 m around the plant during raising year (July - Aug) Nos 16660 103.79 1									
2	02.10.03	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 16660 1700 1800 1800 1800 1800 1800 1800 180									
3	02.11.02	Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July-Aug)		16660	103.19	100	17192				
4	2.10.04	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 August-end (before flowering) at any cost before inter-ploughing.		10.00	3032.48	1	30325				
5	02.10.05	Inter-ploughing (during September) the effective plantation area (excluding unsuitable patches) across the slope to a depth of 30 cm with Heavy-duty Tractor of 55 HP and above with Firm Mould Board (FMB) plough. This operation shall be carried out after Mahaveera uprootal is completed. Inter-ploughing should not be used as a means of Mahaveera uprootal.	На	10	2048	1	20480				
6	02.10.04	Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher for more than 30 ha; and if the area is less than 10 ha, prior approval of Conservator of Forests is required. Identity Photo of Watchers with address shall be pasted in respective Plantation Journal. Every month payment to be made after satisfaction by Plantation-in-charge that fence is in proper condition and entry of grazing animals is stopped and site is not affected with fire. The guiding principle for continuation of the services of a Plantation Watcher is at least 80% survival at the end of raising year.	Nos	12	7500.00	1	90000				
11.			Contin	gencies			901				
		Total					267000				
		80%Escalation on 2016-17 FSR					213600				
			A	Total			480599				

Chief Conservator of Forests.

Conservator of Forests.

Medak Circle, Medak

FIXING OF CHAINLINKMESH TO CA AREA IN NARSAMPALLY RF OF SIDDIPET DISTRICT

No Description No's h dth Depth Quantity Unit Rate Am 1 2 3 4 5 6 7 8 9 1 Earth work excavation and depositing the earth on bank with initial leadof 10m and lift of 2m in soils like mixer gravel and soft disintegrated rock like shales, ordinary gravel like earth mixed with fair size boulders including shoring, strutting, sheeting planking and dewatering including cost of hire charges of T&Plabour charges etc., complete for finished item of work (APSS No.308) For CC bed 1 x 1 1000 0.20 0.10 20.00 Pillars 1 x 335 0.45 0.45 0.45 30.53 Deduction 1 x 335 0.45 0.45 0.45 30.53 Deduction 1 x 335 0.45 0.20 0.10 -3.02 2 Plain Cement Concrete (1:5:10) prop nominal mix (cement: fine aggregate: coarse aggregate) using 40mm size HBT (SS5) metal from approved quarry including Cost and Conveyance of all materials like cement, sand, coarse aggregate, water etc. to site, including all operational, incidental, and labour charges such as mixing, laying and ramming concrete in layers in position not exceeding 15cm, finishing top surface, curing concrete, etc., complete for finished item of work. For CC bed 1 x 1 1000 0.20 0.10 20.00 Pillars 1 x 335 0.45 0.45 0.45 0.30.53 Deduction Pillar 1 x 335 0.45 0.45 0.45 0.45 0.30.53						DISTI	VIC I				
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on bank with initial leadof 10m and lift of 2m in soils like mixer gravel and soft disintegrated rock like shales, ordinary gravel like earth mixed with fair size boulders including shoring, strutting, sheeting planking and dewatering including cost of hire charges of T&Plabour charges etc., complete for finished item of work (APSS No.308) For CC bed	1	2		3	4	5	6	7	8	9	10
Pillars 1 x 335 0.45 0.45 0.45 30.53 Deduction 1 x 335 0.45 0.20 0.10 -3.02 Plain Cement Concrete (1:5:10) prop nominal mix (cement: fine aggregate: coarse aggregate) using 40mm size HBT (SS5) metal from approved quarry including Cost and Conveyance of all materials like cement, sand, coarse aggregate, water etc. to site, including all operational, incidental, and labour charges such as mixing, laying and ramming concrete in layers in position not exceeding 15cm, finishing top surface, curing concrete, etc., complete for finished item of work. For CC bed 1 x 1 1000 0.20 0.10 20.00 Pillars 1 x 335 0.45 0.45 0.45 0.30.53 Deduction Pillar 1 x 335 0.45 0.20 0.10 -3.02 Portion 47.51 931.70 cum 4	on bank with initial leadof 10 soils like mixer gravel and rock like shales, ordinary grawith fair size boulders strutting, sheeting planking including cost of hire charges etc., complete for fine					d lift of disinter earth ing sideward dewards	f 2m in egrated mixed horing, atering Plabour				
Pillars 1 x 335 0.45 0.45 0.45 30.53 Deduction 1 x 335 0.45 0.20 0.10 -3.02 Plain Cement Concrete (1:5:10) prop nominal mix (cement: fine aggregate: coarse aggregate) using 40mm size HBT (SS5) metal from approved quarry including Cost and Conveyance of all materials like cement, sand, coarse aggregate, water etc. to site, including all operational, incidental, and labour charges such as mixing, laying and ramming concrete in layers in position not exceeding 15cm, finishing top surface, curing concrete, etc., complete for finished item of work. For CC bed 1 x 1 1000 0.20 0.10 20.00 Pillars 1 x 335 0.45 0.45 0.45 30.53 Deduction Pillar 1 x 335 0.45 0.20 0.10 -3.02 Portion 47.51 931.70 cum 4	1	For CC bed	1	x 1	1000	0.20	0.10	20.00			
Deduction 1 x 335 0.45 0.20 0.10 -3.02 Plain Cement Concrete (1:5:10) prop nominal mix (cement: fine aggregate: coarse aggregate) using 40mm size HBT (SS5) metal from approved quarry including Cost and Conveyance of all materials like cement, sand, coarse aggregate, water etc. to site, including all operational, incidental, and labour charges such as mixing, laying and ramming concrete in layers in position not exceeding 15cm, finishing top surface, curing concrete, etc., complete for finished item of work. For CC bed 1 x 1 1000 0.20 0.10 20.00 Pillars 1 x 335 0.45 0.45 0.45 30.53 Deduction Pillar 1 x 335 0.45 0.20 0.10 -3.02 Portion 47.51 931.70 cum 4											
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Pillars 1 x 335 0.45 0.45 0.45 0.45 30.53 Deduction Pillar Portion 1 x 335 0.45 0.20 0.10 -3.02 47.51 931.70 cum	1 1 2 2 3 4 4 1 1	mix (cements using 40mm approved qua of all mate aggregate, w operational, i as mixing, l layers in positop surface, o	e aggregate ize HBT including (so like cert etc. to lental, and ag and rain not exceen ag concrete								
Deduction 1 x 335 0.45 0.20 0.10 -3.02				THE RESERVE THE PARTY OF THE PA							
Pillar 1 x 335 0.45 0.20 0.10 -3.02			1	x 335	0.45	0.45	0.45	30.53			
]	Pillar	1	x 335	0.45	0.20	0.10				
					The state of the s	100		47.51	931.70	cum	44267

3	Plain Cemer using 20mm metal from a Conveyance coarse aggre all operation such as mixin layers in pos top surface, finished item	more properties of egate al, eng, itio cur	eta ov all e, inc lay n r	l using of ed quarry material water et cidental, ing and r tot exceed concrete				2)			
	For CC bed	1			1000	0.20	0.15	30.00			
	Pillars	1	X	335	0.45	0.45	0.45	30.53			
	Deduction Pillar Portion	1	x	335	0.45	0.20	0.15	-4.52			
							975	56.00	931.70	cum	52179
4	4 Labour Charges for fabrication of Angles including, cutting into required sizes, making holes where ever required, welding whereever required, fixing of nuts & bolts and washers, fixing of angles in Concrete bed in position and Fixing of Chainlink mesh to Angles etc									Trong Temp	
		1	x	72762			1.95 01.7	2500	24.00	Kgs	60000
	Add Ls for U/F items										13193
	Total										175000
(Counter Ergned)											

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FIXING OF CHAINLINKMESH TO CA AREA IN NARSAMPALLY RF OF SIDDIPET DISTRICT

								and the			
Si No			N	lo's	Length	Breadt h	Depth	Quantity	Unit	Rate	Total Amount
1	2			3	4	5	6	7	8	9	10
1	Plain Cement fine aggregat (SS5) metal Conveyance aggregate, wincidental, ar ramming con- finishing top finished item	from of ater ater at la crete surf	oarson appall retc. about ibout in la face,	e aggregation aggr							
	For CC bed	1	х	1	1000	0.20	0.10	20.00			
	Pillars	1	х	335	0.45	0.45	0.45	30.53	CONTRACTOR OF THE PARTY OF THE		
	Deduction Pillar Portion	1	x	335	0.45	0.20	0.10	-3.02			
								47.51	2551.29	cum	121217
	all operationa mixing, laying not exceeding etc., complete	and 15c	ram m, fi	nming co	ncrete in op surfa	layers ce, curi	in position				
	For CC bed	1	x	1	1000	0.20	0.15	30.00			
	Pillars	1	x	335	0.45	0.45	0.45	30.53			
	Deduction Pillar Portion	1	x	335	0.45	0.20	0.15	-4.52			
	10 m 1 m 1 m 1 m 1 m 1 m 1 m 1 m 1 m 1 m							56.00	4151.55	cum	232505
3	Supply of M.S.Angles of size 65mm x 65mm x 6mm including cost of the material, Transportation charges to the Site. Weight of each angle of 3.10 m length of size 65mm x65mmx6mm@5.84kg/m:18.10kg										
	Total weight of						50	1			

NAME OF TAXABLE PARTY O		Total length of angles required 4020x3.10=12462.00 Volume for mtr length of angle 6mmx1000mm=744000cum 6mm(65mmx65mm-6mm)x1000mm=74400=0.000744.cum weight for mtr length(@7850kg/cum)=5.840kgs			100 at 10	No.
		Weight of 1 angle of 3.10 mx5.84kgs =18.10 total weight of 333anglesis 335x18.10kgs=6063.50kg	gs			
	4	Supply of M.S.Flats/patties (For hold Fasts) of size 50mm x 6 including cost of the material, Transportation charges to the Site and VAT for each angle 5Nos patties/flats of 5.00cm length each				
		Total length of patties reuired for 1000 no.of angles @ 1000x0.050mx5m=1005m				
		Volume per m length of: 50 mm x 6mm x 1000mm = 300000 Cu.mm = 0.0003 Cum				00100
T		Weight for meter length (@ 7850 Kg/Cu.m)=2.36 Kg				
-		Total Weight for 335x2.5=837.5length x 2.36=1976.5kgs				Michael C
İ		Net Qty	1976.5	39.00	1	77084
	5	Supply of Nuts,Bolts and Washers etc for the fixing of Anglers(4 nos for each angle) including cost of the material,Transportation charges to Nursery site and VAT (Total nos required for 335x4=1340+6=400 No's) 56.78 OR 57 Kgs. @ 0.204068 Gms each, net Qty		100.00	Kgs	5700
		Supply of binding wire including cost of the material, Transportation charges to the site & VAT charges				
	6	Supply of Hot dipped Galvanised Iron Chain link mesh 8 gauge - (4.0 mm) as per IS: 2721-1979: 4"x4" (102 mm x 102 mm) - 8 Gauge Including cost of the material,transportation charges to the Site & VAT, qty required for 1000 Lenth & 2.50 hieght 1000x2.5=2500 Sqm.				
		Quantity required for 12450 m length and 2.500 m height: 12450.00 m x 2.50 = 31125 Sqm	2500	239.00	Sqm	597500
-		LS & Unforeseen items				24518
		Counter Signal	V	Т	OTAL	1295000

Chief Conservator of Forestal
Conservator of Foresta,
Medak Circle, Medak