

COMPENSATORY AFFORESTATION PROJECT

The proposals for diversion of 3221.297 Ha. forest areas are diverted in (8) different forest divisions of Telangana State in respect of Kaleshwaram Project.

Compensatory Afforestation area is 500.920 Ha identified in different locations of Dharmapuri and Kodimal Ranges of Jagtial Disrtict.

Sl. No.	Component	Quantity	Unit cost in Lakhs	Unit	Fin. In Lakhs	Year																								Fin. In Lakhs	
						2017-18		2018-19		2019-20		2020-21		2021-22		2022-23		2023-24		2024-25		2025-26		2026-27		TOTAL					
						Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	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	25	26	27	28				
I	TRENCH WORKS																														
	Digging of Peripheral trench (7 locations the pheripheral length is 31085 Meters) (21760*3.5 cum per meter = 76160 cum.)	76160	0.00042	Cum.	31.987	20000	8.400	20000	8.400	20000	8.400	16160	6.787		0.000		0.000		0.000		0.000		0.000		0.000	76160	31.987				
	Planting to be proposed along the boundary of peripheral trench dugout on the mound.	31085																													
	a). In two rows at 2mts. Apart (0.37 lakh Tall																														
	i) Cost of Plants	37000	0.00075	Nos.	27.750	9600	7.200	9600	7.200	9600	7.200	8200	6.150													37000	27.750				
	ii) Miantanance of plants.	37000	0.00015	Nos.	5.550	9600	1.440	9600	1.440	9600	1.440	8200	1.230													37000	5.550				
	b). Planting of Agave Suckers on the top of the	50000	0.00010	Nos.	5.000		1.500		1.500		1.000		1.000													0	5.000				
	c). Planting of Syzygium cumini, Terminalia arjuna and Acacia nilotica within the trench at 3 Mtrs., apart to improve the stocking and	52000	0.00025	Nos.	13.000	####	3.750	15000	3.750	11000	2.750	11000	2.750													52000	13.000				
	d). Dry Stone Wall (8000 Rmt x Height of 1.500 Meters) including Foundation below ground level @ Rs.1500.00 per	8000	0.01500	Rmt.	120.000	1000	15.000	1000	15.000	1000	15.000	1000	15.000	1000	15.000	1000	15.000	1000	15.000	500	7.500	500	7.500	0	0.000	8000	120.000				
	Sub Total				203.287		37.290		37.290		35.790		32.917		15.000		15.000		15.000		7.500		7.500		0.000		203.287				
II	Plantation Works																														
	A). Soils are Compacted and Shallow																														
	By Importing the Soil (7 Locations each location) Each Tipper load with capacity of 9 Cum with lead of 25 Kms (One pit quanty (0.60x0.60x0.60) - (0.30x0.30x0.30)=0.189 Cum Total 650 Tipper loads required.	650	0.01000	Tipper	6.500	250	2.500	200	2.000	200	2.000															650	6.500				
	B). Planting for Open places and in viable gaps of the Local Species.																														
	Open places and in viable gaps - 7 Locations =																														
	i) Cost of Plants (154 Ha., x 240 = 36960+9240 =46200 Plants) or 46500 Plants	46500	0.00075	Nos.	34.875	####	9.000	12000	9.000	12000	9.000	10500	7.875													46500	34.875				
	Construction of Over Head Tanks Each Location (2 Nos) (40 KL Capacity)	16	18.00000	No.	288.000	8	144.000	8	144.000																		288.000				
	Digging of Bore Wells Each Location (2 Nos) Electrical Charges)	16	0.50000	No.	8.000	8	4.000	8	4.000																		8.000				
	Planting																														
	a). Advance Operations	154	0.279	Ha.,	49.411	40	12.834	40	12.834	40	12.834	34	10.909													154	49.411				
	b). Raising of Plantation	154	0.084	Ha.,	14.876			40	3.864	40	3.864	40	3.864	34	3.284											154	14.876				
	c). 1st Year maintenance	154	0.043	Ha.,	7.615					40	1.978	40	1.978	40	1.978	34	1.681									154	7.615				
	d). 2nd Year maintenance	154	0.024	Ha.,	4.250							40	1.104	40	1.104	40	1.104	34	0.938							154	4.250				
	e). 3rd Year maintenance	154	0.024	Ha.,	4.250									40	1.104	40	1.104	40	1.104	34	0.938					154	4.250				
	f). 4th Year maintenance	154	0.024	Ha.,	4.250											40	1.104	40	1.104	40	1.104	34	0.938			154	4.250				
	g). 5th Year maintenance	154	0.024	Ha.,	4.250													40	1.104	40	1.104	40	1.104	34	0.938	154	4.250				
	C). Raising of Fodder Plots @ 2 Ha., each (7 Locations = 2x7 = 14Ha., @ Rs.50000/- = Rs.700000/-)	14	0.500	Ha.,	7.000			4	2.000	4	2.000	4	2.000	2	1.000											14	7.000				

	D). Saucer Pits. (7 Locations = 2x7 = 14Ha., @ Rs.35000/- = Rs.490000/-)	14	0.350	Nos.	4.900			4	1.400	4	1.400	4	1.400	2	0.700										14	4.900	
	E). Chain Link Fencing. (10000 Rmt @ 500/-Rmt= Rs. 5.00 Lakhs	10000	0.001	Nos.	5.000			500	2.500	500	2.500													1000	5.000		
	F). Tending of Existing crops of the Speices proposed CA Area																										
	Singiling and Coppicing (Total CA Area is 500.920Ha., out of which 250 Ha., is proposed for the Singiling and Coppicnig) (Rs.5487/Ha.,	248	0.05487	Ha.,	13.608	28	1.536	28	1.536	28	1.536	28	1.536	28	1.536	28	1.536	28	1.536	28	1.536	14	0.768	10	0.549	248	13.608
	G). Watch and Ward																										
	7 locations each location of 2 Nos @ Rs.7500/- per month x 12months = Rs.90000/No./year.(14 Nosx 0.90 x10)	14	9.00000	7 Locations	126.000	14	12.600	14	12.600	14	12.600	14	12.600	14	12.600	14	12.600	14	12.600	14	12.600	14	12.600	14	12.600	140	126.000
	Sub Total				582.787		186.470		195.734		49.712		43.266		23.307		19.130		18.387		17.283		15.411		14.087		582.787
III	SOIL AND MOISTURE CONSERVATION WORKS																										
1	Construction of Percolation Tanks	46	0.75000	1 Nos.	34.500			5	3.750	5	3.750	5	3.750	5	3.750	5	3.750	10	7.500	11	8.250				46	34.500	
2	Construction of Mini Percolation Tanks	28	0.50000	1 Nos.	14.000			3	1.500	3	1.500	4	2.000	4	2.000	3	1.500	3	1.500	3	1.500	3	1.500	2	1.000	28	14.000
3	Staggered Trenches	845	0.05000	Cum	42.250			100	5.000	100	5.000	100	5.000	100	5.000	100	5.000	100	5.000	100	5.000	100	5.000	45	2.250	845	42.250
4	Rock fill Dams	45	1.50000	1 Nos.	67.500			10	15.000	10	15.000	10	15.000	10	15.000	5	7.500								45	67.500	
5	Check Walls	30	2.00000	1 Nos.	60.000			5	10.000	5	10.000	5	10.000	5	10.000	5	10.000	5	10.000						30	60.000	
6	Check Dams	25	5.00000	1 Nos.	125.000			3	15.000	3	15.000	3	15.000	3	15.000	3	15.000	3	15.000	3	15.000	2	10.000	2	10.000	25	125.000
7	Construction of Wall to arrest the Fire occurance (0.60 Mtrs., 0.30 Mtrs., 1.20 m	10000	0.01000	Cum	100.000	1000	10.000	1000	10.000	1000	10.000	1000	10.000	1000	10.000	1000	10.000	1000	10.000	1000	10.000	1000	10.000	1000	10.000	10000	100.000
	Sub Total				443.250		10.000		60.250		60.250		60.750		60.750		52.750		49.000		39.750		26.500		23.250		443.250
IV	ADMINISTRATIVE COST																										
1	Overheads (10%)																										
a	Conveyance to Forest Section Officer/Forest Beat Officer for work supervision @ 12,000/month Total 2 Foresters	6	1.44000	Nos.	8.640		3.000		3.000		2.640													0	8.640		
	Conveyance to Forest Range Officer/Divisional Forest Officer for work supervision @ 17,000/month Total 4 Foresters	3	2.04000	Nos.	6.120		1.000		1.000		1.000		1.000		1.000		1.000		0.120					0	6.120		
	Camaping facility at Dharmapuri																							0			
	Improving facilities at Ranges																							0			
b	Technical Assistant @ Rs. 15000/month	2	1.80000	Nos.	3.600		1.000		1.000		1.000		0.600											0	3.600		
c	Computer operator @ Rs. 15000/month	2	1.80000	Nos.	3.600		1.000		1.000		1.000		0.600											0	3.600		
d	Stationary and computer pheripals	3	1.00000	LS	3.000		1.000		1.000		1.000													0	3.000		
e	Vehicle hiring charges / Purchase	3	3.00000	Nos.	9.000		3.000		3.000		3.000													0	9.000		
f	Propulsion charges	3	0.50000	LS	1.500				0.500		0.500		0.500											0	1.500		
	Sub Total				35.460		10.000		10.500		10.140		2.700		1.000		1.000		0.120		0.000		0.000		0.000		35.460
	Grand Total				1264.784		243.760		303.774		155.892		139.633		100.057		87.880		82.507		64.533		49.411		37.337		1264.784


 Chief Conservator of Forests
 Karimnagar Circle, Karimnagar

//t.c.b.o.//

Superintendent


 District Forest Officer,
 JAGTIAL.

Estimate for Advance Operations of plantation at compensatory afforestation schemes

Non-Forest land is identified to an extent of 500.92 Ha., in different locations of Dharmapuri and Kodimial Ranges

Area: in Ha

1

No. of Plants:

350

Range : Dharmapuri

District: Jagtial

Year: 2016-17

Sl No	Item of work	FSR Code	Qty	Rate in Rs.	Unit	Amount in Rs.
1	2	3	4	5	6	7
	LABOUR INTENSIVE METHOD (LI METHOD)	02.01.				
	ADVANCE OPERATION (PRE-PLANTING OPERATION) - All advance-operation works of plantations to be raised shall be completed before March. Perambulation of site, preparing site inspection report including type of vegetation and density, approval of site suitability and the category of jungle growth clearance, taking the images of the existing vegetation, preparation of treatment plan shall be prepared and approved in writing by DFO before taking up advance operation.					
1	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 latest by December end. (8 Plantation Locations)	02.01.01	8	311.04	Plantation	2488
2	Clearing unsalable unwanted jungle growth (leaving all the tree species of good form particularly the hardwood tree species like Teak, Nallamaddi, Yegisa, Narepa, 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 completely burnt. All the above operations should be completed before December.					
	Very Light Jungle Growth (>10% and upto 20% ground area covered with Jungle growth)	02.01.03	54	2598.59	Ha	140324
	Light Jungle Growth (> 20% and upto 30% ground area covered with Jungle growth) with prior written approval of DFO based on the field inspection of DFO.	02.01.04	100	5207.65	Ha	520765
3	Formation of Sector Lines / Fire Lines to a width of 3 m by giving surface treatment (sector to be in conformity with slope direction). All stumps to be cut to ground level. This operation is applicable for plantations other than Semi-Mechanical Plantation.	02.01.05	60000	5.08	Rmt	304800
4	ALIGNMENT & STACKING INCLUDING DEMARCATION OF BASE LINE					
	iv) 5X5 m espacement = 400 planting points Gap Planting @ 300 Plants	02.01.08	30800	98.77	100 no.	30420
	Cost of preparation of stakes (0.45 m length) and transportation to site	02.01.09	30800	47.30	100 no.	14568
5	Digging of Pits - Manual (As per RSSR): All efforts shall be made to complete pitting works before March-end. Under exceptional circumstances (if the target of plantation is given in the month of March-April), the pitting can be done during June and July. But any pitting done during June-July, plants can only be planted after the pits are verified by field inspections of FROs and DFOs of proper dimensions to avoid simultaneous pitting and planting which may result in higher percentage of casualties.					
	b) Hard Soil like gravel and morum					
	ii) 45 cm ³ pits	02.01.13	30800	21.23	per pit	653884
6	Digging of Staggered Contour Trenches (SCTs) for impounding rain water - Manual - Size: 6m Length, 0.45 m top-width, 0.30 m bottom-width and 0.45 m depth; earthwork volume per trench: 1.012 cum - Max. of 50 no. per ha. If they are made with machine, the works can be done by calling for tender. However, if they are intended to be done through machine, it has to be informed in advance. All the SCTs shall be completed before January.					
	from January - March					
	i.) Hard soils like gravel and morum	02.01.19	8000	272.71	per cum	2181680
	Total 138 Ha. Advance Operation					3848929
	1.00 Ha. Advance Operation					27891
	Or, 1.00 Ha. Advance Operation					27900


 District Forest Officer,
 Jagtial.

Estimate for raising of plantation at compensatory afforestation schemes

Area: in Ha

1

No. of Plants:

200

Range : Dharmapuri

District: Jagtial

Year: 2016-17

SI No	Item of work	FSR Code	Qty	Rate in Rs.		Amount in Rs.
1	2	3	4	5	6	7
	LABOUR INTENSIVE METHOD (LI METHOD)	02.01.				
	PLANTING OPERATIONS DURING RAISING YEAR	02.02.				
	Transportation of Planting Stock (including loading and unloading)					
	From nursery to plantation site - upto 5 Km lead					
	20 X 30 cm (8"X12") bag plants (Including Replacement of Casualties)	02.02.03	36960	173.49	100 nos	64122
	From nursery to plantation site - Beyond 5 Km lead					
	i) For every extra km beyond 5 km upto 25 km					
	20 X 30 cm (8"X12") bag plants (20*6.75=135.00) (Including Replacement of Casualties)	02.02.06	36960	135.00	100 nos / km	49896
	Internal transportation to planting points on head loads					
	20 X 30 cm (8"X12") bag plants (Including Replacement of Casualties)	02.02.12	36960	117.94	100 Nos	43591
	<i>PLANTING: Seedlings of local species of secondary hardwood along with their associates and NTFP species will have to be chosen for planting. The minimum height of the planting stock to be planted is 0.75 m - 1m height (excluding the height of the bag)</i>					
	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 planting	02.02.13	30800	32.62	100 No.	10047
	Cost of SSP, Chloridine dust (50 gm) or Chloropyriphos	02.02.14	30800	As per Actual		10000
	Planting					
	ii) 45 cm ³	02.02.16	30800	363.37	100 No.	111917
	Replacement of Casualties					
	Replacement of Casualties: 20% during Raising Year & 25% in 1 st year The casualty replacement should be done in 3 stages at an interval of 15 days immediately after planting during raising year.	02.02.17	6160	181.68	50% of unit rate of original pitting during raising year and 100% during maint. year. Planting, transportation and internal	11192
	Application of Fertilizers					
	Cost of DAP @ 25 gm / planting point	02.02.18		As per Actual		8000
	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.	02.02.19	30800	32.62	100	10047
	WEEDING & SOIL WORKING					
	a) 1 st circular weeding to a radius of 0.50 m around the plant after 30 days of planting (i.e. July - Aug)	02.02.20	30800	103.79	100	31967
	b) 2 nd circular weeding to a radius of 0.50 m around the plant 90 days after planting (i.e. Sept - Oct)	02.02.21	30800	103.79	100	31967
	c) Deep soil working to a radius of 0.5 m and to a depth of 10 cm (to be done by pick-axe only) without damaging the plant (to be carried out during Nov - Dec)					
	ii) For hard gravelly soil	02.02.23	30800	545.08	100	167885
	Cutting of coppice growth flush to the ground to reduce the competition over the entire area duly retaining useful species after planting and placing the cut material in between the planting rows (to be undertaken during July - August)					
	High rainfall zone > 800 mm (for Warangal, Khammam & Adilabad C.D.D.)	02.02.25	154	1215.43	ha	187176
	Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height during October	02.02.26	30800	103.194	100 Nos	31784

Sl No	Item of work	FSR Code	Qty	Rate in Rs.	*	Amount in Rs.
	Brush-wood Fencing around the Plantation area: Thorny fencing with sturdy thorn material of 10 cm. girth (at the butt end) and fixing in crow bar holes and strengthening with stone packing. The average height of fence should be 1.5 m and fencing material should be fixed in 2 rows (staggered) at 60 cm. apart. The fence should be tightened horizontally by tying with thorny reepers on both sides (as per RSSR)	02.02.27	20000	24.12	Rmt	482400
	Enumeration of row-wise survival and average growth twice in the raising year - Number of plants planted and Number surviving (to be undertaken during October and March) and entered in Plantation Journal. With so much inputs like nutrition, augmentation of moisture status by SCTs and other cultural operations; deploying indigenous forest species and planting of seedlings of minimum height of 0.75 - 1.0 m, it is prescribed that the minimum stocking of 90% with minimum average height of 1.25 - 1.50 m at the end of the raising year.	02.02.28		To be done by the staff (plantation-in-charge) with the help of Plantation Watcher		0
	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.	02.02.29	Watch & ward shown in Separately.	7500	per month per watcher	0
	Misc. Expenditure					28009
	Total 154Ha. Raising of Plantation					1280000
	Total 154 Ha. Raising of Plantation					8312
	1.00 Ha. Raising of Plantation					8350


 District Forest Officer,
 Jagtial.

Estimate for 1ST YEAR MAINTAINANC of plantation at compensatory afforestation schemes

Area: in Ha

154

No. of Plants:

200

Range : Dharmapuri

District: Jagtial

Year: 2016-17

SI No	Item of work	FSR Code	Qty	Rate in Rs.	Unit	Amount in Rs.
1	2	3	4	5	6	7
	1ST YEAR MAINTAINANCE	02.03.				
	Replacement of Casualties: 25% in 1st year (In case of Eucalyptus: no casualty replacement). 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. The casualty replacement shall be completed by end of July.	02.03.01	7700		Pitting, planting, transportation and internal transportation same as prescribed in fresh planting	
	<i>b) Hard Soil like gravel and moram</i>					
	ii) 45 cm ³ pits	02.01.13	7700	21.23	per pit	163471
	<i>From nursery to plantation site - upto 5 Km lead</i>					
	20 X 30 cm (8"X12") bag plants	02.02.03	7700	173.49	100 nos	13359
	<i>From nursery to plantation site - Beyond 5 Km lead</i>					
	20 X 30 cm (8"X12") bag plants (20*6.75=135.00)	02.02.06	7700	135.00	100 nos / km	10395
	Planting					
	ii) 45 cm ³	02.02.16	7700	363.37	100 No.	27979
	WEEDING & SOIL WORKING (To be carried out after replacement of casualties are over)					
	a) 1 st Circular weeding to a radius of 0.50 m around the plant during July - Aug	02.03.02	30800	103.79	100	31967
	b) 2 nd Circular weeding to a radius of 0.50 m around the plant during Sept - Oct	02.03.03	30800	103.79	100	31967
	c) Deep soil working to a radius of 0.5 m and to a depth of 10 cm (to be done by pick-axe only) without damaging the plant (to be carried out during Nov - Dec)					
	i) For ordinary soil	02.03.04	30800	363.366	100	111917
	Cutting of coppice growth flush to the ground to reduce the competition over the entire area duly retaining useful species after planting and placing the cut material in between the planting rows (to be undertaken during July - August)					
	High rainfall zone > 800 mm (for Warangal, Khammam & Adilabad Circle)	02.03.07	154	1215.43	ha	187176
	Pruning of lower branch initials of Timber and NTFP species by sciculture upto 1/3 rd height during October.	02.03.08	30800	103.194	100 Nos	31784
	Enumeration of row-wise survival and average growth thrice in 1 st Maintainance year - Number of plants planted and number surviving (to be undertaken during June, Oct. and Jan.) to be ascertained and entered in Plantation Journal. With so much inputs like nutrition, augmentation of moisture status by SCTs and other cultural operations; deploying indigenous forest species and planting of seedlings of minimum height of 0.75 - 1.0 m, it is prescribed that the minimum stocking of 90% with minimum average height of 1.75 - 2 m at the end of 1st year maintainance.	02.03.09	30800		To be done by the staff (plantation-in-charge) with the help of Plantation Watcher	0
	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 during 1st year maintainance period.	02.03.10	Watch & ward shown in Separatly	7500	per month per watcher	0
	Misc. Expenditure					50085
	Total 154Ha. Raising of Plantation					660100
	Total 154 Ha. Raising of Plantation					4286
	1.00 Ha. Raising of Plantation					4300

District Forest Officer,
Jagtial

Estimate for 2nd YEAR MAINTAINANCE of plantation at compensatory afforestation schemes

Area: in Ha 154

No. of Plants: 200

Range : Dharmapuri

District: Jagtial

Year: 2016-17

Sl No	Item of work	FSR Code	Qty	Rate in Rs.	Unit	Amount in Rs.
1	2	3	4	5	6	7
	SECOND YEAR MAINTAINANCE	02.04.				
	WEEDING & SOIL WORKING					
	a) 1 st circular weeding to a radius of 0.50 m around the plant during July - Aug.	02.04.01	30800	103.79	100	31967
	b) 2 nd circular weeding to a radius of 0.50 m around the plant during Sept. - Oct.	02.04.02	30800	103.79	100	31967
	c) Deep soil working to a radius of 0.5 m and to a depth of 10 cm (to be done by pick-axe only) without damaging the plant during Nov. - Dec.					
	i) For ordinary soil	02.04.03	30800	363.366	100	111917
	Cutting of coppice growth flush to the ground to reduce the competition over the entire area duly retaining useful species after planting and placing the cut material in between the planting rows (to be undertaken during July - August)					
	High rainfall zone > 800 mm (for Warangal, Khammam & Adilabad Circle)	02.04.06	154	1215.43	ha	187176
	Enumeration of row-wise survival and average growth thrice in 2 nd Maintenance year - Number of plants planted and Number surviving (to be undertaken during June, Oct. and Jan.) and entered in Plantation Journal. With so much inputs like nutrition, augmentation of moisture status by SCTs and other cultural operations; deploying indigenous forest species and planting of seedlings of minimum height of 0.75 - 1.0 m. it is prescribed that the minimum stocking of 90% with average minimum height of 2.5 - 3 m at the end of 1st year maintainance.	02.04.07	154		To be done by the staff (plantation-in-charge) with the help of Plantation	0
	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 will be made after satisfaction by Plantation-in-charge that fence is in proper condition and incidence of grazing and fire is not there. The guiding principle of charging the Plantation Watcher in 2nd year is at least 80% stocking during 2nd year of maintainance period.	02.04.08		7500	per month per watcher	0
	Misc. Expenditure					3073
	Total 154Ha. Raising of Plantation					366100
	Total 154 Ha. Raising of Plantation					2377
	1.00 Ha. Raising of Plantation					2400

District Forest Officer
Jagtial

Estimate for 2nd YEAR MAINTAINANC of plantation at compensatory afforestation schemes

Area: in Ha

154

No.of Plants:

200

Range : Dharmapuri

District: Jagtial

Year: 2016-17

Sl No	Item of work	FSR Code	Qty	Rate in Rs.	Unit	Amount in Rs.
1.	2	3	4	5	6	7
	THIRD YEAR MAINTAINANCE	02.04.				
	Cutting of coppice growth flush to the ground to reduce the competition over the entire area duly retaining useful species after planting and placing the cut material in between the planting rows (to be undertaken during July - August)					
	High rainfall zone > 800 mm (for Warangal, Khammam & Adilabad Circle)	02.04.06	154	1215.43	ha	187176
	Misc. Expenditure					3073
	Total 154Ha. Raising of Plantation					190249
	Total 154 Ha. Raising of Plantation					1235
	1.00 Ha. Raising of Plantation					2400


District Forest Officer,
Jagtial.

Estimate for 2nd YEAR MAINTAINANC of plantation at compensatory afforestation schemes

Area: in Ha 154

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Estimate for 2nd YEAR MAINTAINANC of plantation at compensatory afforestation schemes

Area: 154 in Ha

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