

Scheme for Compensatory Afforestation over double the extent of degraded forest land in lieu of forest land diverted for establishing Elephant Rescue and Rehabilitation Center at Kottoor in Thiruvananthapuram district

It is proposed to establish an Elephant Rescue and Rehabilitation Center at Kottoor in Thiruvananthapuram District. Reserve forest forming part of Kottoor Reserve having an extent of 57.02 hectare is identified for establishing the Rescue and Rehabilitation Centre. The actual extent of forest land required for non forest purpose is 8.55 hectares as per the detailed design of all facilities in the proposed Centre. This is about 14.99 % of the forest area. As per the norms followed by the Ministry, compensatory afforestation is to be done over 30% of the forest land proposed for diversion. This works out to 17 hectares.

The Elephant Rescue and Rehabilitation Centre at Kottoor is established by Kerala Forest Department. So the user agency in the application under the Forest (Conservation) Act 1980, is Kerala Forest Department. The forest land proposed for diversion falls in ABP Territorial Range in Thiruvananthapuram Wildlife Division. The Department has identified two patches of degraded forest land, one patch falling in Thiruvananthapuram Wildlife Division and the other one in Konni Forest Division. The following locations have been identified.

Sl. No.	Name of Forest Division	Name of Forest Range	Name of Location	Extent in Hectare	Present Status
1	Thiruvananthapuram Wildlife	ABB Territorial	Nellimoodu	55.57	Open degraded forest
2	Konni	Mannarappara	Mannarappara	37.00	Open degraded forest
	Total			92.57	

The above locations need rehabilitation. The original forest in the area is of the type moist deciduous (Southern Tropical Moist Deciduous). The degradation is mainly due to biotic interference, weed infestation and annual fire. The areas receive good annual rainfall. However dry spell spreads over five months starting from January to May. Therefore comprehensive soil and moisture conservation techniques have to be adopted for raising successful plantation. Since the forests lie close to human habitation, the raising of plantation is proposed to be entrusted with the JFMCs in the location.

It is proposed to take advantage of the root stock available in the localities. Since the existing tree stock is poor and the forest floor is covered with weeds and grasses, planting of basketted seedlings of indigenous species is proposed. The seedlings will be raised near the human habitation at localities where sufficient water is available. The species proposed for planting would include *Tectona grandis*, *Termenalia paniculata*, *Terminalia tomentosa*, *Termenalia belerica*, *Grewia tilaefolia*, *Syzygium spp.*, *Phyllanthus emblica*, *Gmelina arborea*, *Xylia xylocarpa*, *Schleichera oleosa*, *Sterospermum*

*chelenoides, etc.* Seeds of the above species will be collected and germinated in the nursery in the month of December-January. Germinated seeds will be transplanted into polythene bags filled with forest soil, sand and cow dung in the month of January. The planting site will be weeded in March. Planting pits of size 30 cm X 30 cmX30 cm will be taken during pre-monsoon period in April-May. Healthy seedlings grown in the polythene bags will be planted during monsoon months of June-July. Planting will be done at an average spacing of 3 m X 3 m. Around each plant an inward slopping platform of size 60 cm X 60 cm will be taken along with the planting for conserving moisture. The planting line will be along the contour. The JFMC members will protect the plantation from grazing and fire. Since the site is degraded and deficient in nutrients, organic fertilizer at the rate of 100 grams/plant will be applied in the first two years. The plantations will be maintained for five years.

Detailed cost estimates have been prepared for the above two locations. The details are attached as annexure 1 and annexure 2. The costs are summarized below.

Diversion of Forest Land for Elephant Rescue and Rehabilitation Centre, Kottoor Project- Compensatory Afforestation Scheme (Amount in Rupees)								
Sl. No	Location	Area (Ha)	Year1	Year 2	Year 3	Year 4	Year 5	Total
1	Nellimmoodu in Thiruvannathapuram Wildlife Division	55.57	6680000	2268000	1119000	747000	747000	11561000
2	Mannarappara Bit-1 in Konni Division	37	4194000	1493000	702000	450000	450000	7289000
	Total	92.57	10874000	3761000	1821000	1197000	1197000	18850000
	Cost per Ha.		117467.9	40628.71	19671.6	12930.76	12930.76	203629.7

For preparing the cost estimates, minimum wage rate for forestry works in Kerala of Rs.290 is adopted. In addition to the basic wage, variable DA is also included. The existing rate of variable DA for Thiruvananthapuram District is 158 and that of Pathanamthitta District is 170.

The plantation will get established in 5 years. The compensatory afforestation plantations will provide full scale ecological services in 20 years.

Wildlife Warden

Thiruvananthapuram

## Annexure 1

Cost of Planting and First Year Maintenance of 55.57 Ha of Compensatory Afforestation Plantation at Nellimoodu in Thiruvananthapuram Wildlife Division										
Wage Rate- Rs 290/Man Mazdoor			Variable DA- Rs 158							
Sl. No		Quantity	Unit	Labour MM/Unit	Rate (Rs)	Amount	VDA	Contractors Profit@ 10 %	Amount	Schedule Item
1	Clearing boundary line to a width of 1.5 M to facilitate surveying	3	KM	3.11	900.45	2701.35	1471.77	417.312	4590.432	1
2	Surveying the boundary	3	Km	3.11	900.45	2701.35	1471.77	417.312	4590.432	2
3	Cost of boundary concrete pillars of size 45cm x10cm X10cm	50	Pillar	LS	80	4000			4000	LS
4	Transportation of pillars including loading, unloading and headload charges for an average lead of 200M	50	Pillar	LS	150	7500			7500	LS
5	Fixing boundary stones	50	Pillar	PWD 784	29.3	1465		146.5	1611.5	PWD 784
6	Clearing light jungle growth without felling of trees to facilitate aligning and stacking	50	Ha	9.88	2866.4	143318	78083.6	22140.2	243541.8	94
7	Collection of stakes (60cm) for aligning and staking	61.89	1000 nos.	2	580	35895.556	19556.9	5545.24	60997.69	87
8	Headload transportation of stakes	61.89	1000 Nos	0.5	145	8973.8891	4889.22	1386.31	15249.42	87(a)
9	Aligning and staking 3.0 M x 3 M	154.4	ha	4.94	1433.2	221227.26	120531	34175.8	375933.8	88©

10	Digging pits of size 30cm x30cm x30cm in bouldary soil before rains (25% of quantity)	154.4	100 Nos	2.56	743.59	114781.22	62536	17731.7	195048.9	G.O (Ms) No. 58/20 11/LB R dated 26-04-
11	Digging pits of size 30cm x30cm x30cm in bouldary soil aftre rains (75% of quantity)	463.1	100 Nos	1.3	377.44	174783.86	95227.1	27001.1	297012	G.O (Ms) No. 58/20 11/LB R dated
12	Transportaion of poly bag seedlings from nursery to planting site	LS			20000	20000			20000	LS
13	Transportaion of poly bag seedlings to planting site and distribution up to 50m	617.4	100 nos	0.12	33.64	20770.831	11316.5	3208.74	35296.09	(Ms) No. 58/20 11/LB R dated 26-04-
14	Covering pits, digging planting holes and planting polybag seedlings	617.4	100n os	0.65	188.5	116388.28	58194.1	17458.2	192040.7	G.O (Rt). No. 1081/
15	First year first weeding	55.57	Ha	14.8	4299.5	238925.44	130173	36909.9	406008.5	93
16	Replacing casualties	55.57	Ha	0.8	232	12892.24	7024.05	1991.63	21907.92	91(b)
17	Formation of platform of size 60cm x60cm x 30+0/2cm with inward slope around plants in all types of soil	617.4	100 nos	2	580	358117.78	195112	55323	608553.2	Cir No. 3/10 of PCCF
18	Cost of organic fertiliser @ 100 gram per plant	6174	Kg	100	617444	617444.44			617444.4	LS
	lading , unloading and transportation of fertiliser	LS			20000				20000	LS
19	Application of fertiliser	823.3	75 Nos	0.33	96.57	79502.147	43315	12281.7	135098.8	134
20	First year second weeding	55.57	Ha	14.8	4299.5	238925.44	130173	36909.9	406008.5	93
21	First year thirdweeding	55.57	Ha	9.88	2866.4	159283.63	86782.1	24606.6	270672.3	94
22	Construction of temporary shed		10 Sq M	10.8	3121.3	3121.27	1700.55	482.182	5304.006	63



Annexure 1.1

Estimate for the cost of raising 10000 basketeed nursery of indigenous species for planting in Compensatory Afforestation area in Thiruvananthapuram Wildlife Division										
Sl.No		Quantity	Unit	Labour MM/Unit	Rate (Rs)	Amount	VDA	tors Profit@ 10 %	Amount	Schedule Item
1	Clearing forest area for the formation of nursery beds	0.5	Ha	18.532	5374.28	2687.14	1464	415.12	4566.28	100a2
2	Preparation of seed bed of standard size 12 mX 1.2 M for sowing seeds	12	Bed	1.2297	356.613	4279.36	2331.5	661.09	7271.95	(Rt) No 1081/88 (g).
	Sowing seeds and covering with straw and removing the cover after germination	12	Bed	0.5	145	1740	948	268.8	2956.8	82
3	Providing shade pandal for nursery bed	12	Bed	1	290	3480	1896	537.6	5913.6	84
4	Watering beds twice daily for 30 days	10368	Sq.m	0.0194	5.626	58330.4	31780	9011	99121.4	G.O (Rt) 1081/88 (h)
5	Watering beds once daily for 30 days	5184	Sq.m	0.0097	2.813	14582.6	7945	2252.8	24780.3	G.O (Rt) 1081/88 (h)
6	Weeding beds as and when necessary	12	Bed	0.5	145	1740	948	268.8	2956.8	81(a)
7	Cost of polythene bags of size 12 x 18 cm	100	Kg	0	200	20000	0	0	20000	Ls
8	Cost of cow dung including transportaion	1000	Kg	0	15	15000			15000	LS



## Annexure 1.2

Cost of second Year Maintenance of 55.57Ha of Compensatory Afforestation Plantation at Nellimoodu in Thiruvananthapuram Wildlife Division										
Wage Rate- Rs 290/Man		Variable DA- Rs 158								
Sl. No		Quantity	Unit	Labour MM/Unit	Rate (Rs)	Amount	VDA	Contractors Profit@ 10 %	Amount	Schedule Item
1	Second year first weeding	55.57	MM	9.884	2866.4	159284	86782	24607	270672	96
2	Repairing of damaged platform of size 60cm X 60 cm	617.444	100nos	1	290	179059	97556	27662	304277	Cir No. 3/10 of
3	Cost of seedlings for casualty replacement@ 10 percent of planted seedlings	6174.44	Nos		37.09	229010			229010	Separate estimate
4	Transportation of seedlings from nursery to planting site including loading and unloading	6174.44	Nos						20000	LS
5	Transportation of poly bag seedlings to planting site and distribution up to 50m	61.7444	100Nos	0.12	34.8	2148.7	1170.7	331.94	3651.32	G.O (Rt) 1088/81 (t)
6	Replacing casualties	55.57	Ha	0.8	232	12892	7024	1991.6	21907.9	91(b)
7	Second year second weeding	55.57	MM	7.413	2149.8	119463	65087	18455	203004	97
8	Cost of organic fertiliser @ 100 gram per plant	6174.44	Kg	100	617444	617444			617444	LS
9	loading , unloading and transportation of fertiliser	6174.44			20000				20000	LS
10	Application of fertiliser	823.259	75 Nos	0.333	96.57	79502	43315	12282	135099	134
11	Construction of temporary shed	1	10 Sq M	10.76	3121.3	3121.3	1700.6	482.18	5304.01	63
12	Clearing boundary line to a width of 5.2 M & fire tracing	3	Km	40	11600	34800	18960	5376	59136	48
13	Engaging protection mazdoor for protecting the plantation ferm cattle and fire-	2	MM	300	189000	378000			378000	
14	Contingencies and	LS							494.17	LS
									2268000	



## Annexure 1.3

Cost of Third Year Maintenance of 55.57Ha of Compensatory Afforestation Plantation at Nellimoodu in Thiruvananthapuram Wildlife Division											
Wage Rate- Rs 290/Man			Variable DA- Rs 158								
Sl.No		Quantity	Unit	Labour MM/Unit	Rate (Rs)	Amount	VDA	Contractors Profit @ 10 %	Amount	Schedule Item	
1	Third year first weeding	55.57	MM	9.884	2866.4	159284	86782	24607	270672.3	99	
2	Repairing of damaged platform of size 60cm X 60 cm	617.4	100nos	1	290	179059	97556	27662	304276.6	Cir No. 3/10 of PCCF	
3	Third year second weeding	55.57	MM	3.706	1074.7	59723.3	32539	9226	101488.4	97	
4	Construction of temporary shed	1	10 Sq M	10.76	3121.3	3121.27	1700.6	482.2	5304.006	63	
5	Clearing boundary line to a width of 5.2 M & fire tracing	3	Km	40	11600	34800	18960	5376	59136	48	
6	Engaging protection mazdoor for protecting the plantation from cattle and fire.	2	MM	300	189000	378000			378000		
7	Contingencies and unforeseen items	LS							122.63	LS	
									1119000		
Rupees eleven lakhs nineteen thousand only											

Cost of Fourth Year Maintenance of 55.57Ha of Compensatory Afforestation Plantation at Nellimoodu in Thiruvananthapuram Wildlife Division											
Wage Rate- Rs 290/Man			Variable DA- Rs 158								
Sl.No		Quantity	Unit	Labour MM/U nit	Rate (Rs)	Amount	VDA	Contractors Profit@ 10 %	Amount	Schedule Item	
2	Repairing of damaged platform of size 60cm X 60 cm	617.44	100nos	1	290	179059	97556	27662	304277	Cir No. 3/10 of PCCF	
4	Construction of temporary	1	10 Sq M	10.76	3121.3	3121.3	1700.6	482.18	5304	63	
5	Clearing boundary line to a width of 5.2 M & fire tracing	3	Km	40	11600	34800	18960	5376	59136	48	
6	Engaging protection mazdoor for protecting the plantation from cattle and fire-	2	MM	300	189000	378000			378000		
7	Contingencies and unforeseen items	LS							283.37	LS	
									747000		
(Rupees seven lakhs forty seven thousand only)											

Cost of Fifth Year Maintenance of 55.87 Ha of Compensatory Afforestation Plantation at Nellimoodu in Thiruvananthapuram Wildlife Forest Division										
Wage Rate- Rs 290/Man		Variable DA- Rs 158								
Sl. No		Quantity	Unit	Labour MM/Unit	Rate (Rs)	Amount	VDA	Contractors Profit@ 10 %	Amount	Schedule Item
2	Repairing of damaged platform of size 60cm X 60 cm	617.44	100nos	1	290	179059	97556	27661.5	304277	Cir No. 3/10 of PCCF
4	Construction of temporary shed	1	10 Sq M	10.763	3121.3	3121.27	1700.6	482.182	5304	63
5	Clearing boundary line to a width of 5.2 M & fire tracing	3	Km	40	11600	34800	18960	5376	59136	48
6	Engaging protection mazdoor for protecting the plantation from cattle and fire-	2	MM	300	189000	378000			378000	
7	Contingencies and unforeseen items	LS							283.37	LS
									747000	
(Rupees seven lakhs forty seven thousand only)										

Cost of Planting and First Year Maintenance of 37Ha of Compensatory Afforestation Plantation at Mannarappara Bit-1 in Konni Forest Division											
Wage Rate- Rs 290/Man Mazdoor			Variable DA- Rs 170								
Sl.No		Quantity	Unit	Labour MM/Unit	Rate (Rs)	Amount	VDA	Contactors Profit@ 10 %	Amount	Schedule Item	
1	Clearing boundary line to a width of 1.5 M to facilitate surveying	2.2	KM	3.11	900.45	1981	1161.3	314.226	3456.49	1	
2	Surveying the boundary	2.2	Km	3.11	900.45	1981	1161.3	314.226	3456.49	2	
3	Cost of boundary concrete pillars of size 45cm x10cm X10cm	40	Pillar	LS	80	3200			3200	LS	
4	Transportation of pillars including loading, unloading and headload charges for an average lead of 200M	40	Pillar	LS	150	6000			6000	LS	
5	Fixing boundary stones	40	Pillar	PWD 784	29.3	1172		117.2	1289.2	PWD	
6	Clearing light jungle growth without felling of trees to facilitate aligning and stacking	8	Ha	9.88	2866.36	22931	13442	3637.31	40010.4	94	
7	Collection of stakes (60cm) for aligning and staking	41.111	1000 nos.	2	580	23844	13978	3782.22	41604.4	87	
8	Headload transportation of stakes	41.111	1000 Nos	0.5	145	5961.1	3494.4	945.556	10401.1	87(a)	
9	Aligning and staking 3.0 M x 3 M	37	ha	4.94	1433.18	53028	31085	8411.28	92524.1	88©	

10	Digging pits of size 30cm x30cm x30cm in bouldary soil before rains (25% of quantity)	102.78	100 Nos	2.56	743.589	76424	44801	12122.5	133347	G.O (Ms) No. 58/2 011/LBR date d 26-
11	Digging pits of size 30cm x30cm x30cm in bouldary soil aftre rains (75% of quantity)	308.33	100 Nos	1.3	377.435	116376	68220	18459.6	203056	G.O (Ms) No. 58/2 011/LBR date
12	Transportaion of poly bag seedlings from nursery to planting site	LS			10000	10000			10000	LS
13	Transportaion of poly bag seedlings to planting site and distribution up to 50m	411.11	100 nos	0.12	33.64	13830	8107.1	2193.69	24130.6	(Ms) No. 58/2 011/LBR date d 26-
14	Covering pits, digging planting holes and planting polybag seedlings	411.11	100nos	0.65	188.5	77494	45428	12292.2	135214	G.O (Rt). No. 1081
15	First year first weeding	37	Ha	14.8	4299.54	159083	93256	25233.9	277572	93
16	Replacing casualties	37	Ha	0.8	232	8584	5032	1361.6	14977.6	91(b)
17	Formation of platform of size 60cm x60cm x 30+0/2cm with inward slope around plants in all types of soil	411.11	100 nos	2	580	238444	139778	37822.2	416044	Cir No. 3/10 of PCCF
18	Cost of organic fertiliser @ 100 gram per plant	4111.1	Kg	100	411111.1	411111			411111	LS
	Loading , unloading and transportation of fertiliser	LS			6000				6000	LS
19	Application of fertiliser	548.15	75 Nos	0.33	96.57	52935	31031	8396.53	92361.9	134
20	First year second weeding	37	Ha	14.8	4299.54	159083	93256	25233.9	277572	93
21	First year thirdweeding	37	Ha	9.88	2866.36	106055	62170	16822.6	185048	94
22	Construction of temporary shed	1	10 Sq M	10.8	3121.27	3121.3	1829.7	495.098	5446.08	63



Estimate for the cost of raising 10000 basketeed nursery of indigenous species for planting in Compensatory Afforestation area in Konni Forest Division										
Wage Rate- Rs 290/Man			Variable DA- Rs 170							
Sl. No		Quantity	Unit	Labour MM/Unit	Rate (Rs)	Amount	VDA	Contractors Profit@ 10 %	Amount	Schedule Item
1	Clearing forest area for the formation of nursery beds	0.5	Ha	18.53	5374.3	2687.1	1575.2	426.24	4689	100a2
2	Preparation of seed bed of standard size 12 mX 1.2 M for sowing seeds	12	Bed	1.23	356.61	4279.4	2508.6	678.79	7467	G.O (Rt) No 1081/88 (g).
	Sowing seeds and covering with straw and removing the cover after germination	12	Bed	0.5	145	1740	1020	276	3036	82
3	Providing shade pandal for nursery bed	12	Bed	1	290	3480	2040	552	6072	84
4	Watering beds twice daily for 30 days	10368	Sq.m	0.019	5.626	58330	34194	9252.4	1E+05	G.O (Rt) 1081/88 (h)
5	Watering beds once daily for 30 days	5184	Sq.m	0.01	2.813	14583	8548.4	2313.1	25444	G.O (Rt) 1081/88 (h)
6	Weeding beds as and when necessary	12	Bed	0.5	145	1740	1020	276	3036	81(a)
7	Cost of polythene bags of size 12 x 18 cm	100	Kg	0	200	20000	0	0	20000	Ls
8	Cost of cow dung including transportaion	1000	Kg	0	15	15000	0		15000	LS



## Annexure 2.2

Cost of second Year Maintenance of 37Ha of Compensatory Afforestation Planttaion at Mannarappara Bit-1 in Konni Forest Division											
Wage Rate- Rs 290/Man			Variable DA- Rs 170								
Sl. No		Quantity	Unit	Labour MM/Unit	Rate (Rs)	Amount	VDA	Contractors Profit@ 10 %	Amount	Schedule Item	
1	Second year first weeding	37	MM	9.884	2866	106055	62170	16823	185048	96	
2	Repairing of damaged platform of size 60cm X 60 cm	411.11	100nos	1	290	119222	69889	18911	208022	Cir No. 3/10 of PCCF	
3	Cost of seedlings for casualty replacement@ 10 percent of planted seedlings	4111.1	Nos		36.12	148493	0		148493	Separate estimate	
4	Transportation of seedlings from nursery to planting site including loading and unloading	41111	Nos				0		10000	LS	
5	Transportaion of poly bag seedlings to planting site and distribution up to 50m	411.11	100Nos	0.12	34.8	14307	8387	2269.3	24963	G.O (Rt) 1088/81 (t)	
6	Replacing casualties	37	Ha	0.8	232	8584	5032	1361.6	14978	91(b)	
7	Second year second weeding	37	MM	7.413	2150	79541	46628	12617	138786	97	
8	Cost of organic fertiliser @ 100 gram per plant	4111.1	Kg	100	4E+05	411111	0		411111	LS	
9	Loading , unloading and transportation of fertiliser	4111.1			20000		0		20000	LS	
10	Application of fertiliser	548.15	75 Nos	0.333	96.57	52935	31031	8396.5	92362	134	
11	Construction of temporary shed	1	10 Sq M	10.763	3121	3121.3	1830	495.1	5446.1	63	
12	Clearing boundary line to a width of 5.2 M & fire tracing	2.2	Km	40	11600	25520	14960	4048	44528	48	
13	Engaging protection mazdoor for protecting the plantation from cattle and fire	1	MM	300	2E+05	189000			189000		
14	Contingencies and	LS							262.68	LS	
									1E+06		
Rupees fourteen lakhs ninety three thousand only											

Cost of Third Year Maintenance of 37 Ha of Compensatory Afforestation Plantation at Mannarappara Bit-1 in Konniforest Division									
Wage Rate- Rs 290/Man		Variable DA- Rs 170							
Sl.No		Quantity	Unit	Labour MM/Unit	Rate (Rs)	Amount	VDA	Contactors Profit@ 10 %	Amount
1	Third year first weeding	37	MM	9.884	2866.4	106055	62170	16822.6	185048
2	Repairing of damaged platform of size 60cm X 60 cm	411.11	100nos	1	290	119222	69889	18911.1	208022
3	Third year second weeding	37	MM	3.706	1074.7	39765	23311	6307.61	69384
4	Construction of temporary shed	1	10 Sq M	10.76	3121.3	3121.3	1830	495.098	5446.1
5	Clearing boundary line to a width of 5.2 M & fire tracing	2.2	Km	40	11600	25520	14960	4048	44528
6	Engaging protection mazdoor for protecting the plantation from cattle and fire- One MM is engaged for 3 plantations- 1/3 wage is charged.	1	MM	300	189000	189000			189000
7	Contingencies and unforeseen items	LS							571.71
									702000
Rupees seven lakhs two thousand only)									

Cost of Fourth Year Maintenance of 37 Ha of Compensatory Afforestation Plantation at Mannarappara Bit-1 in Konni forest Division											
Wage Rate- Rs 290/Man			Variable DA- Rs 170								
Sl.No		Quantity	Unit	Labour MM/ Unit	Rate (Rs)	Amount	VDA	Contractors Profit@ 10 %	Amount	Schedule Item	
2	Repairing of damaged platform of size 60cm X 60 cm	411.1	100nos	1	290	119222	69889	18911.1	208022	Cir No. 3/10 of PCCF	
4	Construction of temporary shed	1	10 Sq M	10.76	3121	3121.3	1830	495.098	5446.1	63	
5	Clearing boundary line to a width of 5.2 M & fire tracing	2.2	Km	40	11600	25520	14960	4048	44528	48	
6	Engaging protection mazdoor for protecting the plantation from cattle and fire	1	MM	300	2E+05	189000			189000		
7	Contingencies and	LS							3003.7	LS	
									450000		
(Rupees four laksh fifty thousand only)											

Cost of Fifth Year Maintenance of 37 Ha of Compensatory Afforestation Plantation at Mannarappara Bit-1 in Konni Forest Division											
Wage Rate- Rs 290/Man			Variable DA- Rs 145								
Sl.No		Quantity	Unit	Labour MM/Unit	Rate (Rs)	Amount	VDA	Contractors Profit @ 10 %	Amount	Schedule Item	
2	Repairing of damaged platform of size 60cm X 60 cm	411.11	100nos	1	290	119222	69889	18911	208022	Cir No. 3/10 of PCCF	
4	Construction of temporary shed	1	10 Sq M	10.76	3121	3121.3	1830	495.1	5446.1	63	
5	Clearing boundary line to a width of 5.2 M & fire tracing	2.2	Km	40	11600	25520	14960	4048	44528	48	
6	Engaging protection mazdoor for protecting the plantation from cattle and fire-One MM is engaged for three	1	MM	300	2E+05	189000			189000		
7	Contingencies and unforeseen	LS							3003.7	LS	
									450000		
(Rupees four lakhs fifty thousand only)											