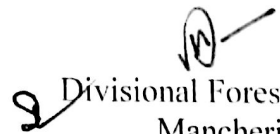


Funds to be collected from the user agency in lieu of Diversion of 3.386 Ha forest land in Mancherial Division in favour of Superintending Engineer, TDWSP (RWS&S) Circle, Nirmal for laying of pipe line and Construction of Structures in Segment-23/3 (Kotapally) for Providing Safe Drinking Water to Adilabad District.

Sl No	Item	Amount in Rs. Lakhs
1	NPV charges in Dense Forest area @ Rs 8.030 Lakhs per Ha a) Non- Wildlife area 1.126 Ha. x Rs. 8.030 = 9.041	9.041
	b) Wildlife area 2.259 Ha x Rs. 8.030 x 5 Times = 90.699	90.699
2	Mitigative measures (Creation of fire lines)	21.961
3	Felling & transportation of tree growth a) Teak 2.067 Cum	0.157
	b) Non-Teak 53.750 Cum	18.638
4	User charges for conducting the survey in the proposed site	0.030
	Total	140.526

Note: In case of the forest areas diverted in wildlife sanctuaries the NPV shall be collected @ 5 times of the existing rate.


Divisional Forest Officer,
Mancherial

Statement showing the year wise financial requirement for mitigative measures scheme in the effected area in Yenchapally & Chennur RF of Mancherial Division in lieu of Diversion of 3.386 Ha of forest land in favour of Superintending Engineer, TDWSP (RWS&S) Circle, Nirmal for laying of pipe line and construction of Structures in Segment-23/3 (Kotapally) for Providing Safe Drinking Water to Adilabad District

Sl No	Name of the work	Units	Year wise requirement of funds															Total	
			2016-17			2017-18			2018-19			2019-20			2020-21				
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Creation of Fire lines 6 mts wide	Rmt	33852		3.426			3.768			4.145			4.560			5.016	0	20.915
	Total				3.426			3.768			4.145			4.560			5.016		20.915
	Administrative Cost 5%				0.171			0.188			0.207			0.228			0.251		1.046
	Grand Total				3.597			3.957			4.353			4.788			5.267		21.961

Divisional Forest Officer
Mancherial

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NO VIOLATION CERTIFICATE

It is certified that, the project authorities have not carried out any non-forestry activities in the proposed forest land. Hence the project authorities have not violated the FC Act 1980 / Wildlife Protection Act..

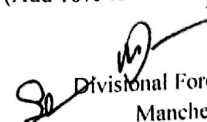

Divisional Forest Officer,
Mancherla

Teak

**Extraction and Transportation of Timber Charges in lieu of Diversion of 3.386 Ha Forest land in favour of
favour of Superintending Engineer, TDWSP (RWS&S) Circle, Nirmal**

Sl No	Code	Item of work	Unit	Qty	Rate (In Rs.)	Per	Amount
1	2	3	4	5	6	7	8
	03.01.00	MARKING AND ENUMERATION OF STANDING TREES.					
	03.01.01	Enumeration of timber trees in coupes and numbering, digitizing including cost of paint, digitizing at breast height.(15cms x 20Cms. Size blaze)	Per Tree	51	3.60		184
	03.02.00	EXTRACTION OF TIMBER					
		Felling and conversion of standing trees by saw including digitizing on the stump belting measuring, painting and digitizing timber logs and other stumps including cost of paint.					
	03.02.01	(i) Teak	Per Cu.m.	2.067	295.70	1	611
	03.02.06	Labour amenities for working in coupe or unit i.e., providing shelter, supply of drinking water and medical aid etc., to the labourers.	per coupe	LS			
	03.02.07	Purchase of saws with sharpening tools.	per coupe	LS	20072.40		1000
	03.03.00	Dragging			2865.50		500
	03.03.02	(ii) Undulating areas/Moderate slopes	Per Cu.m.	2.067	164.70	1	340
	03.04.00	TRANSPORTATION					
	03.04.01	Preparation of Lorry/ Cart track NOTE: There should not be separate expenditure for preparation of lorry/cart track for timber, fuel, pole brought from the single area.	Per Cu.m.		25096.50		5000
	03.04.03	Transportation of timber by carts/lorries from beat / section Hq. including loading, unloading, dragging charges etc.					
		(i) Upto 1st 10 Kms lead:					
	03.04.04	(a) Teak	Per Cu.m.	2.067	877.80	1	1814
		(ii) 11 Kms to 30 Kms (per each KM)					
	03.04.06	(a) Teak (20 x 32.90 = 658.00)	Per Cu.m.	2.067	658.00	1	1360
		(iii) 31 Kms and above (per each KM) upto 50 Kms					
	03.04.08	(a) Teak (20 x 27.30 = 546.00)	Per Cu.m.	2.067	546.00	1	1129
		NOTE: (i) Unless the timber is delivered at the G.T.D., no expenditure shall be incurred. It is preferable to use departmental lorries for the lead beyond 30 Kms. Carts may be engaged beyond 30 Kms also.					
	03.04.10	Miscellaneous expenditure in coupes	Per Cu.m.	2.067	13.30	1	27
	03.05.00	LOTING AND CLASSIFICATION AT DEPOT					
		Lotting of timber including lettering with paint and fixing of lot boards.					
	03.05.01	(i) Teak	Per Cu.m.	2.067	214.10	1	443
	03.05.04	Purchase of tapes, ropes & Stationery etc.,	Per Cu.m.	2.067	17.90	1	37
	03.05.05	Belting and measuring.	Per Cu.m.	2.067	20.20	1	42
	03.05.06	Cost of paints for painting the lot boards	Per Cu.m.	2.067	11.60	1	24
	03.05.07	Electricity charges for Depot	As per actual				500
						Total	13011

Amount as per FSR 2015-16	0.130
Amount as per FSR 2016-17 (Add 10% escalation on 2015-16)	0.143
Amount as per FSR 2017-18 (Add 10% escalation on 2016-17)	0.157
Amount as per FSR 2018-19 (Add 10% escalation on 2017-18)	0.173
Amount as per FSR 2019-20 (Add 10% escalation on 2018-19)	0.190
Amount as per FSR 2020-21 (Add 10% escalation on 2019-20)	0.210
Amount as per FSR 2021-22 (Add 10% escalation on 2020-21)	0.230


Divisional Forest Officer
Mancherial

Non-Teak
Extraction and Transportation of Timber Charges in lieu of Diversion of 3.386 Ha Forest land in favour of
favour of Superintending Engineer, TDWSP (RWS&S) Circle, Nirmal

Sl No	Code	Item of work	Unit	Qty	Rate (In Rs.)	Per	Amount
1	2	3	4	5	6	7	8
	03.01.00	MARKING AND ENUMERATION OF STANDING TREES.					
	03.01.02	Enumeration of Non-timber trees (fuel species) without digit marking.	Per Tree	183	2.80	1	512
	03.02.00	EXTRACTION OF TIMBER					
		Felling and conversion of standing trees by saw including digiting on the stump belting measuring, painting and digiting timber logs and other stumps including cost of paint.					
	03.02.02	(ii) Non-Teak	Per Cu.m.	53.75	325.30	1	17485
	03.02.06	Labour amenities for working in coupe or unit i.e., providing shelter, supply of drinking water and medical aid etc., to the labourers.	per coupe	LS	20072.40		20000
	03.02.07	Purchase of saws with sharpening tools.	per coupe	LS	2865.50		2865
	03.03.00	Dragging					
	03.03.02	(ii) Undulating areas/Moderate slopes	Per Cu.m.	53.75	164.70	1	8853
	03.04.00	TRANSPORTATION					
	03.04.01	Preparation of Lorry/ Cart track NOTE: There should not be separate expenditure for preparation of lorry/cart track for timber, fuel, pole brought from the single area.	Per Cu.m.	53.75	25096.50	1	1348937
	03.04.03	Transportation of timber by carts/lorries from beat / section Hq. including loading, unloading, dragging charges etc.					
		(i) Upto 1st 10 Kms lead:	Per Cu.m.	53.75	938.70	1	50455
	03.04.05	(b) Non-Teak					
		(ii) 11 Kms to 30 Kms (per each KM)	Per Cu.m.	53.75	722.00	1	38808
	03.04.07	(b) Non-Teak (20 x 36.10 =722.00)					
		(iii) 31 Kms and above (per each KM) upto 50	Per Cu.m.	53.75	658.00	1	35368
	03.04.09	(b) Non-Teak (20 x 32.90 =658.00)					
		NOTE: (i) Unless the timber is delivered at the G.T.D., no expenditure shall be incurred. It is preferable to use departmental lorries for the lead beyond 30 Kms. Carts may be engaged beyond 30 Kms also.					
			Per Cu.m.	53.75	13.30	1	715
	03.04.10	Miscellaneous expenditure in coupes					
	03.05.00	LOTING AND CLASSIFICATION AT DEPOT					
		Lotting of timber including lettering with paint and fixing of lot boards.	Per Cu.m.	53.75	254.50	1	13679
	03.05.02	(ii) Non-Teak	Per Cu.m.	53.75	17.90	1	962
	03.05.04	Purchase of tapes, ropes & Stationery etc.,	Per Cu.m.	53.75	20.20	1	1086
	03.05.05	Belting and measuring.	Per Cu.m.	53.75	11.60	1	624
	03.05.06	Cost of paints for painting the lot boards				Total	1540349

Amount as per FSR 2015-16 15.403
Amount as per FSR 2016-17 (Add 10% escalation on 2015-16) 16.944
Amount as per FSR 2017-18 (Add 10% escalation on 2016-17) 18.638
Amount as per FSR 2018-19 (Add 10% escalation on 2017-18) 20.502
Amount as per FSR 2019-20 (Add 10% escalation on 2018-19) 22.552
Amount as per FSR 2020-21 (Add 10% escalation on 2019-20) 24.807
Amount as per FSR 2021-22 (Add 10% escalation on 2020-21) 27.288

Divisional Forest Officer
Mancherial

Teak species

Sl No	Species	No of trees / Poles	Length	Girth class																		Total Value Rs			
				Below 30 poles			31-45 Poles			46-90 Cmt				91-120 Cmt				Above 120 Cmt							
				Quantity			Quantity			Quantity			Quantity			Quantity			Quantity						
				Nos	Rate	Amount	Nos	Rate	Amount	Nos	Cmt	Rate	Amount	Nos	Cmt	Rate	Amount	Nos	Cmt	Rate	Amount	Nos	Cmt	Amount	
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	
1	Teak	13	Below 2 mts	1	160	160	7	285	1995	5	0.127	31080	3947.16				0			0			13	0.127	6102.16
2		30	2.01 to 4 mts		160	0	15	390	5850	15	0.902	34230	30875.46				0			0	0	0	30	0.902	36725.46
3			4.01 to 6 mts		160	0		500	0	8	1.038	34650	35966.7				0			0	0	0	8	1.038	35966.70
			Above 6 mts		160	0		600	0			42315	0				0			0	0	0	0	0	0.00
			Total	1		160	22		7845	28			70789.32	0			0	0			0	51	2.067	78794.32	


 Divisional Forest Officer
 Mancherial

Soft wood species

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Sl No	Species	No of trees / Poles	Girth class																			Total Value Rs.		
			Below 30 poles			31-45 Poles			46-90 Cmt				91-120 Cmt				Above 120 Cmt							
			Quantity			Quantity			Quantity				Quantity				Quantity					Quantity		
			Nos	Rate	Amount	Nos	Rate	Amount	Nos	Cmt	Rate	Amount	Nos	Cmt	Rate	Amount	Nos	Cmt	Rate	Amount	Nos	Cmt	Amount	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15.000	16	17	18	19	20	21	22	23	24	
1	Bojja	1		8820	0		8820	0	1	0.04	8820	352.8			8820	0			8820	0	1	0.04	352.80	
2	Ippa	2		8820	0		8820	0	2	0.117	8820	1031.94			8820	0			8820	0	2	0.117	1031.94	
3	Soppera	3		8820	0		8820	0	2	0.405	8820	3572.1			8820	0	1	0.481	8820	4242.42	3	0.886	7814.52	
4	Pendlipala	10		8820	0		8820	0	4	0.695	8820	6129.9	1	0.212	8820	1869.84	5	5.591	8820	49312.6	10	6.498	57312.36	
5	Pala	1		8820	0		8820	0	1	0.017	8820	149.94			8820	0			8820	0	1	0.017	149.94	
6	Rela	2		8820	0		8820	0	2	0.157	8820	1384.74			8820	0			8820	0	2	0.157	1384.74	
7	Neemalinara	4		8820	0	1	8820	8820	2	0.536	8820	4727.52	1	0.421	8820	3713.22			8820	0	4	0.957	17260.74	
	Total	23	0		0	1		8820	14			17348.94	2			5583.06	6			53555	23	8.672	85307.04	


 Divisional Forest Officer
 Mancherla

Hardwood species

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Sl No	Species	No of trees / Poles	Girth class																		Total Value Rs		
			Below 30 poles			31-45 Poles			46-90 Cmt				91-120 Cmt				Above 120 Cmt						
			Quantity			Quantity			Quantity				Quantity				Quantity						
			Nos	Rate	Amount	Nos	Rate	Amount	Nos	Cmt	Rate	Amount	Nos	Cmt	Rate	Amount	Nos	Cmt	Rate	Amount	Nos	Cmt	Amount
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	Narepa	20		75	0		120	0	7	1.256	11000	13816	4	1.182	15120	17871.84	9	13.88	16800	233184	20	16.32	264871.84
2	Sandra	4		75	0		120	0	2	0.431	11000	4741	2	0.335	15120	5065.2			16800	0	4	0.766	9806.20
3	Somi	5		75	0		120	0	3	0.139	11000	1529	1	0.399	15120	6032.88	1	0.422	16800	7089.6	5	0.96	14651.48
4	Tuniki	10	1	75	75	1	120	120	3	0.24	11000	2640	1	0.138	15120	2086.56	4	1.384	16800	23251.2	10	1.762	28172.76
5	Burugu	1		75	0		120	0	1	0.026	11000	286			15120	0			16800	0	1	0.026	286.00
6	Chinduga	7		75	0		120	0	7	0.412	11000	4532			15120	0			16800	0	7	0.412	4532.00
7	Ravi	1		75	0		120	0	1	0.029	11000	319			15120	0			16800	0	1	0.029	319.00
8	Chilkaddudi	25		75	0	1	120	120	16	0.994	11000	10934	7	1.503	15120	22725.36	1	1.125	16800	18900	25	3.622	52679.36
9	Morri	5		75	0	1	120	120	4	0.36	11000	3960			15120	0			16800	0	5	0.36	4080.00
10	Chennangi	10		75	0	1	120	120	6	0.557	11000	6127	3	0.850	15120	12852			16800	0	10	1.407	19099.00
11	Dumpidi	7		75	0		120	0	3	0.276	11000	3036	2	1.469	15120	22211.28	2	1.428	16800	23990.4	7	3.173	49237.68
12	Bilugu	12		75	0	1	120	120	6	0.344	11000	3784	4	1.461	15120	22090.32	1	1.225	16800	20580	12	3.03	46574.32
13	Tirman	5		75	0		120	0	3	0.345	11000	3795	1	0.520	15120	7862.4	1	0.2	16800	3360	5	1.065	15017.40
14	Vepa	3		75	0		120	0	1	0.038	11000	418	2	0.638	15120	9646.56			16800	0	3	0.676	10064.56
15	Kodisha	1		75	0		120	0	1	0.029	11000	319			15120	0			16800	0	1	0.029	319.00
16	Nallamaddi	34	1	75	75	1	120	120	14	1.589	11000	17479	13	4.964	15120	75055.68	5	3.569	16800	59959.2	34	10.12	152688.88

Sl No	Species	No of trees / Poles	Girth class																			Total Value Rs		
			Below 30 poles			31-45 Poles			46-90 Cmt				91-120 Cmt				Above 120 Cmt							
			Quantity		Amount	Quantity		Amount	Quantity		Amount	Quantity		Amount	Quantity		Amount	Quantity		Amount				
			Nos	Rate		Nos	Rate		Nos	Cmt		Rate	Amount		Nos	Cmt		Rate	Amount		Nos	Cmt	Rate	Amount
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
17	Muchu Tuniki	3	1	75	75	1	120	120	1	0.028	11000	308			15120	0			16800	0	3	0.028	503.00	
18	Maddi	1		75	0		120	0	1	0.035	11000	385			15120	0			16800	0	1	0.035	385.00	
19	Tumma	2		75	0		120	0	1	0.114	11000	1254			15120	0	1	1.033	16800	17354.4	2	1.147	18608.40	
20	Eucalyptus	4		75	0	2	120	240	2	0.111	11000	1221			15120	0			16800	0	4	0.111	1461.00	
	Total	160	3		225	9		1080	83			80883	40			203500.1	25			407668.8	160	45.08	693356.88	


 Divisional Forest Officer
 Mancherla

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Abstract

Sl No	Species Category	Qty			Revenue Amount in Rs
		Nos	Qty	Cmt	
1	Hardwood	160		45.078	693356.88
2	Softwood	23		8.672	85307.04
		183		53.75	778663.92
3	Teak	51		2.067	78794.32
	Grand Total	234		55.817	857458.24


Divisional Forest Officer
Mancherial

Unit Cost for Creation of Firelines

As per FSR 2015-16						
Sl No	Items of works	F.S.R. Item	Qty	Rate in Rs	Per	Amount in Rs.
1	2	3	4	5	6	7
1	Creation of Fire lines 6 mts wide (4.6/3 x 6=9.20)	02.02.38	33852.00	9.20	1 Rmt	311438
	Total					311438

311438

Amount per FSR 2015-16

3.114

Amount as per FSR 2016-17 (Add 10% escalation on 2015-16)

3.426

Amount as per FSR 2017-18 (Add 10% escalation on 2016-17)

3.768

Amount as per FSR 2018-19 (Add 10% escalation on 2017-18)

4.145

Amount as per FSR 2019-20 (Add 10% escalation on 2018-19)

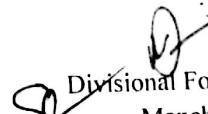
4.560

Amount as per FSR 2020-21 (Add 10% escalation on 2019-20)

5.016

Amount as per FSR 2021-22 (Add 10% escalation on 2020-21)

5.517


 Divisional Forest Officer
 Mancherla