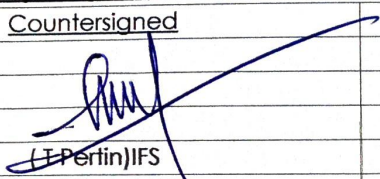
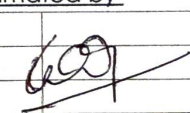


Sl. No.	Particulars of works	Quantity	Rate	Unit	Amount
1	2	3	4	5	6
10	8th year Operation				
	a) Maint of inspection path/fireline & Climber cutting @ 5 Dls/Ha	910 Dls	Rs. 333.00	Dls	Rs. 3,03,030.00
	(b) Add paid holiday @ 18.63% on item 10(a)	170 Dls	Rs. 333.00	Dls	Rs. 56,610.00
	Add escalation @ 70% on item 10(a) to 10(b)	756.0 Dls	Rs. 333.00	Dls	Rs. 2,51,748.00
			Sub - Total :-	(L)	Rs. 6,11,388.00
11	9th year Operation				
	a) Maint of inspection path/fireline & Climber cutting @ 5 Dls/Ha	910 Dls	Rs. 333.00	Dls	Rs. 3,03,030.00
	(b) Add paid holiday @ 18.63% on item 11(a)	170 Dls	Rs. 333.00	Dls	Rs. 56,610.00
	Add escalation @ 80% on item 11(a) to 11(b)	864.0 Dls	Rs. 333.00	Dls	Rs. 2,87,712.00
			Sub - Total :-	(M)	Rs. 6,47,352.00
12	10th year Operation				
	a) Maint of inspection path/fireline & Climber cutting @ 5 Dls/Ha	910 Dls	Rs. 333.00	Dls	Rs. 3,03,030.00
	(b) Add paid holiday @ 18.63% on item 12(a)	170 Dls	Rs. 333.00	Dls	Rs. 56,610.00
	Add escalation @ 90% on item 12(a) to 12(b)	972.0 Dls	Rs. 333.00	Dls	Rs. 3,23,676.00
			Sub - Total :-	(N)	Rs. 6,83,316.00
13	Monitoring & Supervision (POL, Maint of Vehicles, Supervision i/c TE etc), @12% and Contingency 3 % to meet up the unforeseen expenditure i.e. 15% on item no. 1 to 20 and Nursery cost				Rs.2,81,43,286.30
14	Entry Point Activities at the rate of Rs. 13,000/- per ha. For the area 25 ha & above, and no entry point activities is chargeable for the area less than 25 ha.	182.00 Hects	Rs. 13,000.00	Ha	Rs. 23,66,000.00
15	Provision for soil and moisture conservation structures (where needed) @ Rs.6200/- per ha.	182.00 Hects	Rs. 6,200.00	Ha	Rs. 11,28,400.00
					Rs. 22,16,07,600.00
Rupees (Twenty Two Crore Sixteen Lakh Seven Thousand Six Hundred) Only					
<u>Countersigned</u>			<u>Estimated by</u>		
					
(J.Pertin) IFS			(S Chowdhury)		
Divisional Forest Officer			Addl. Chief Estimator		
Lohit Forest Division :: Tezu			Lohit Forest Division :: Tezu		

Divisional Forest Officer
Lohit Forest Division, Tezu (A.P.)

Name of work :- **Creation of Compensatory Afforestation against diversion of 90.607 Ha of forest land for diversion of 257.769 Ha of forest land (90.607 Ha in Lohit Forest Division) for laying 132 KV S/C Transmission line on D/C Towers from Tezu to Halaipani by Pwerfrid Corporation of India Ltd.**

Geo co ordinates of CA Site in Tatraagam ARF					
(1)	27°54'37.86"N	96° 14'53.30"E	(13)	27°54'18.20"N	96° 15' 18.14"E
(2)	27°54'32.62"N	96° 15'13.01"E	(14)	27°54'21.40"N	96° 15'12.00"E
(3)	27°54'33.8"N	96° 24.32"E	(15)	27°54'26.44"N	96° 14' 48.91"E
(4)	27°54'30.91"N	96° 15'27.44"E	Geo co ordinates of CA Site in Tezu PRF		
(5)	27°54'30.82"N	96° 15'30.85"E	(1)	27°52'54.17"N	96° 04' 52.77"E
(6)	27°54'17.27"N	96° 15'45.50"E	(2)	27°53'09.99"N	96° 05' 44.23"E
(7)	27°54'13.85"N	96° 15'57.14"E	(3)	27°53'11.87"N	96° 06' 32.06"E
(8)	27°54'08.64"N	96° 16'01.41"E	(4)	27°53'01.89"N	96° 06' 43.40"E
(9)	27°54'03.17"N	96° 16'00.14"E	(5)	27°52'52.37"N	96° 06' 13.67"E
(10)	27°54'04.26"N	96° 15'51.86"E	(6)	27°52'58.89"N	96° 05' 46.87"E
(11)	27°54'09.84"N	96° 15'39.50"E	(7)	27°52'48.97"N	96° 05' 17.24"E
(12)	27°54'20.13"N	96° 15' 24.43.32"E	(8)	27°52'46.5"N	96° 04'58.61"E

Species to be planted :- *Tectona grandis*, *Bombex ceiba*, *Terminalia chebula*, *Terminalia arjuna*, *Acacia catechu*, *Delbergia* *sissoo*, *Gmelina arborea*, *Terminalia bellirica* etc.

Spacing :- 3.00 m x 3.00 m			Area = 182.00 Hects		
Wage Rate :-		Rs. 333.00 / Dls	Periphery = 11427.00 Mtrs.		
Compensatory Afforestation Project Cost :-		Rs.22,16,07,600.00			
Sl. No.	Particulars of works	Quantity	Rate	Unit	Amount
1	2	3	4	5	6
A. Creation of Nursery					
	Cost of Polypot seedlings @1100 Nos/Ha	200200 Nos	Rs. 18.00		Rs. 36,03,600.00
				(A)	Rs. 36,03,600.00
1	1st Year Operation				
	Survey and demarcation and preparation of Map @ 4 Dls/Ha	728 Dls	Rs. 333.00	Dls	Rs. 2,42,424.00
	Add Paid holiday @ 18.63%	136 Dls	Rs. 333.00	Dls	Rs. 45,288.00
			Sub - Total :-		(B) Rs. 2,87,712.00
2	2nd Year Operation				
	(i) Erection of Barbed Wire Fence (5 strands) fencing per 100 mtrs.				
	a) Barbed wire (5 strands) @ 85.0 Kg/100 mtrs.	9712.95 Kgs	Rs. 125.00	Kg	Rs. 12,14,118.75
	b) G I U Staples @ 2.0 Kg/100 mtrs	228.54 Kgs	Rs. 125.00	Kg	Rs. 28,567.50
	c) GI Nails @ 1.0 Kg/100 mtrs	114.27 Kgs	Rs. 100.00	Kg	Rs. 11,427.00
	d) JW Posts @ 61 Nos/100 mtrs	6970 Nos	Rs. 105.00	Nos	Rs. 7,31,899.35
	e) Digging of Pits, Erection of JW Posts,Straining 5 strand barbed wire and fitting fixing @ 10 Dls /100 mtrs	1143 Dls	Rs. 267.00	Dls	Rs. 3,05,100.90
	Add Paid holiday @ 18.63% =	212.885 Dls	Rs. 267.00	Dls	Rs. 56,840.30
			Sub - Total :-		(C) Rs. 23,47,953.80
	(ii) Maint of Barbed Wire fencing @ 5% of erection cost in each year from 3rd year to 6th year				
	Add 10% escalation value by multiplying factor				
	1.20 for 3 rd year				Rs. 1,40,877.23
	1.30 for 4 th year				Rs. 1,52,617.00
	1.40 fo 5 th year				Rs. 1,64,356.77
	1.50 for 6 th year				Rs. 1,76,096.53
			Sub - Total :-		(D) Rs. 29,81,901.32

Sl. No.	Particulars of works	Quantity	Rate	Unit	Amount
1	2	3	4	5	6
3	Casualty replacement				
	b) 3 rd Year @ 15% per Hect	30030 Nos	Rs. 18.00	Nos	Rs. 5,40,540.00
	c) 4 th Year @10% per Hect	20020 Nos	Rs. 18.00	Nos	Rs. 3,60,360.00
			Sub - Total :-	(E)	Rs. 9,00,900.00
4	Raising of Plantation				
	a) Clearence of brushwood, Planting lines & staking of debris @ 15 Dls/Hect	2730 Dls	Rs. 333.00	Dls	Rs. 9,09,090.00
	b) Alignment of pits & preparation of stakes and staking @ 10 Dls/Hect	1820 Dls	Rs. 333.00	Dls	Rs. 6,06,060.00
	c) Digging of pits 30 cm x 30 cm x 30 cm @ 22 Dls/Hect	4004 Dls	Rs. 333.00	Dls	Rs. 13,33,332.00
	d) Transportaion of seedlings to the plantation site i/c planting of seedling @ 20 Dls/Hect	3640 Dls	Rs. 333.00	Dls	Rs. 12,12,120.00
	e) Making of Inspection path - 1.0 Mtr wide @ 3 Dls/Hect	546 Dls	Rs. 333.00	Dls	Rs. 1,81,818.00
	f) Fire line cutting 3 mtrs wide along the periphery @ 5 Dls/Hect	910 Dls	Rs. 333.00	Dls	Rs. 3,03,030.00
	g) Tending - 4 weedings @12 Dls per Hect per weeding	8736 Dls	Rs. 333.00	Dls	Rs. 29,09,088.00
	h) Add Paid Holiday @ 18.63%	4171 Dls	Rs. 333.00	Dls	Rs. 13,88,943.00
	i) Add 10% escalation value on total of the item 4(a) to 4 (h)	2655.7 Dls	Rs. 333.00	Dls	Rs. 8,84,348.10
			Sub - Total :-	(F)	Rs. 97,27,829.10
5	3rd year Operation				
	a) Tending - 3 weedings @12 Dls per Hect per weeding	6552 Dls	Rs. 333.00	Dls	Rs. 21,81,816.00
	b) Casualty replacement @15%, 7 Dls/Ha	1274 Dls	Rs. 333.00	Dls	Rs. 4,24,242.00
	c) Maint of inspection path @ 1 Dls/Ha	182 Dls	Rs. 333.00	Dls	Rs. 60,606.00
	d) Maint of Fireline @ 1 Dls/Ha	182 Dls	Rs. 333.00	Dls	Rs. 60,606.00
	(e) Add paid holiday @ 18.63% on item 5(a) 5(d)	1526 Dls	Rs. 333.00	Dls	Rs. 5,08,158.00
	Add escallation @ 20% on item 5(a) 5(e)	1943.2 Dls	Rs. 333.00	Dls	Rs. 6,47,085.60
			Sub - Total :-	(G)	Rs. 38,82,513.60

Sl. No.	Particulars of works	Quantity	Rate	Unit	Amount
1	2	3	4	5	6
6	4th year Operation				
	a) Tending - 2 weedings @12 Dls per Hect per weeding	4368 Dls	Rs. 333.00	Dls	Rs. 14,54,544.00
	b) Casualty replacement @15%, 7 Dls/Ha	1274 Dls	Rs. 333.00	Dls	Rs. 4,24,242.00
	c) Maint of inspection path @ 1 Dls/Ha	182 Dls	Rs. 333.00	Dls	Rs. 60,606.00
	d) Maint of Fireline @ 1 Dls/Ha	182 Dls	Rs. 333.00	Dls	Rs. 60,606.00
	(e) Add paid holiday @ 18.63% on item 6(a) 6(d)	1119 Dls	Rs. 333.00	Dls	Rs. 3,72,627.00
	Add escalation @ 30% on item 6(a) 6(e)	2137.5 Dls	Rs. 333.00	Dls	Rs. 7,11,787.50
			Sub - Total :-	(H)	Rs. 30,84,412.50
7	5th year Operation				
	a) Tending - 1 weedings @12 Dls per Hect per weeding	2184 Dls	Rs. 333.00	Dls	Rs. 7,27,272.00
	b) Maint of inspection path @ 1 Dls/Ha	182 Dls	Rs. 333.00	Dls	Rs. 60,606.00
	c) Maint of Fireline @ 1 Dls/Ha	182 Dls	Rs. 333.00	Dls	Rs. 60,606.00
	(d) Add paid holiday @ 18.63% on item 7(a) 7(d)	475 Dls	Rs. 333.00	Dls	Rs. 1,58,175.00
	Add escalation @ 40% on item 7(a) 7(d)	1209.2 Dls	Rs. 333.00	Dls	Rs. 4,02,663.60
			Sub - Total :-	(I)	Rs. 14,09,322.60
8	6th year Operation				
	a) Tending - 1 weedings @12 Dls per Hect per weeding	2184 Dls	Rs. 333.00	Dls	Rs. 7,27,272.00
	b) Maint of inspection path @ 1 Dls/Ha	182 Dls	Rs. 333.00	Dls	Rs. 60,606.00
	c) Maint of Fireline @ 1 Dls/Ha	182 Dls	Rs. 333.00	Dls	Rs. 60,606.00
	(d) Add paid holiday @ 18.63% on item 8(a) 8(d)	475 Dls	Rs. 333.00	Dls	Rs. 1,58,175.00
	Add escalation @ 50% on item 8(a) 8(d)	1511.5 Dls	Rs. 333.00	Dls	Rs. 5,03,329.50
			Sub - Total :-	(J)	Rs. 15,09,988.50
9	7th year Operation				
	a) Maint of inspection path/fireline & Climber cutting @ 5 Dls/Ha	910 Dls	Rs. 333.00	Dls	Rs. 3,03,030.00
	(b) Add paid holiday @ 18.63% on item 9(a)	170 Dls	Rs. 333.00	Dls	Rs. 56,610.00
	Add escalation @ 60% on item 9(a) to 9(b)	648.0 Dls	Rs. 333.00	Dls	Rs. 2,15,784.00
			Sub - Total :-	(K)	Rs. 5,75,424.00