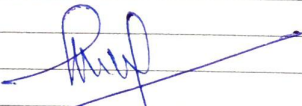


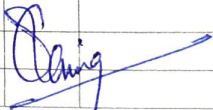
Particulars of works		Quantity	Rate	Unit	Amount
2		3	4	5	6
10	8th year Operation				
	a) Maint of inspection path/fireline & Climber cutting @ 5 Dls/Ha	30 Dls	Rs. 333.00	Dls	Rs. 9,990.00
	(b) Add paid holiday @ 18.63% on item 10(a)	6 Dls	Rs. 333.00	Dls	Rs. 1,998.00
	Add escalation @ 70% on item 10(a) to 10(b)	25.2 Dls	Rs. 333.00	Dls	Rs. 8,391.60
			Sub - Total :-	(L)	Rs. 20,379.60
11	9th year Operation				
	a) Maint of inspection path/fireline & Climber cutting @ 5 Dls/Ha	30 Dls	Rs. 333.00	Dls	Rs. 9,990.00
	(b) Add paid holiday @ 18.63% on item 11(a)	6 Dls	Rs. 333.00	Dls	Rs. 1,998.00
	Add escalation @ 80% on item 11(a) to 11(b)	28.8 Dls	Rs. 333.00	Dls	Rs. 9,590.40
			Sub - Total :-	(M)	Rs. 21,578.40
12	10th year Operation				
	a) Maint of inspection path/fireline & Climber cutting @ 5 Dls/Ha	30 Dls	Rs. 333.00	Dls	Rs. 9,990.00
	(b) Add paid holiday @ 18.63% on item 12(a)	6 Dls	Rs. 333.00	Dls	Rs. 1,998.00
	Add escalation @ 90% on item 12(a) to 12(b)	32.4 Dls	Rs. 333.00	Dls	Rs. 10,789.20
			Sub - Total :-	(N)	Rs. 22,777.20
13	Approach foot tract to plantation in area where necessary.	1878.00 Mtrs.	Rs. 571.00	100 Mtr	Rs. 10,723.38
					Rs. 14,75,400.00

Rupees (Fourteen Lakh Seventy Five Thousand Four Hundred) Only

Countersigned


(T Pertin)
Divisional Forest Officer
Lohit Forest Division :: Tezu

Estimated by


(Lod Layang)FR
Range Forest Officer
Tezu Forest Range :: Tezu

Range Forest Officer
Tezu Forest Range
Lohit Dist. Tezu (AP)

Creation of Compensatory Afforestation against diversion of forest land against diversion of 1.04 Ha forest land for Lanning of Arrowa - Ridding from Km 0.00 to 1.74 in Lolit Dist of Arunachal Pradesh by NHIDCL

Area identified for compensatory afforestation :- In degraded forest areas of late Proposed Reserve Forests

Geo co ordinates

- (1) 27°51'31" 08"N 95° 8' 55" 51"E
(2) 27°51'37" 76"N 95° 8' 45" 81"E
(3) 27°51'35" 61"N 95° 8' 50" 86"E
(4) 27°51'30" 78"N 95° 8' 51" 34"E

- (5) 27°51'38" 21"N 95° 8' 47" 70"E
(6) 27°51'39" 21"N 95° 8' 42" 85"E

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

Spacing : 3.00 m x 3.00 m

Area = 6.08 Hects
Periphery = 939.00 Mtrs.

Wage Rate :- Rs. 333.00 / Dls

Compensatory Afforestation Project Cost :- Rs. 14,75,400.00

S. 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	6688 Nos	Rs.	18.00	Rs. 1,20,384.00
				(A)	Rs. 1,20,384.00
1	1st Year Operation				
	Survey and demarcation and preparation of Map @ 4 Dls/Ha	24 Dls	Rs.	333.00	Dls Rs. 8,098.56
	Add Paid holiday @ 18.63%	5 Dls	Rs.	333.00	Dls Rs. 1,665.00
				Sub - Total :-	(B) Rs. 9,763.56
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.	798.15 Kgs	Rs.	100.00	Kg Rs. 79,815.00
	b) GI U Staples @ 2.0 Kg/100 mtrs	18.78 Kgs	Rs.	100.00	Kg Rs. 1,878.00
	c) GI Nails @ 1.0 Kg/100 mtrs	9.39 Kgs	Rs.	100.00	Kg Rs. 939.00
	d) JW Posts @ 61 Nos/100 mtrs	573 Nos	Rs.	80.00	Nos Rs. 45,823.00
	e) Digging of Pits, Erection of JW Posts, Straining 5 strand barbed wire and fitting fixing @ 10 Dls /100 mtrs	94 Dls	Rs.	267.00	Dls Rs. 25,000.00
					Rs. 1,53,000.00
	Add Paid holiday @ 18.63% =	17.494 Dls	Rs.	267.00	Dls Rs. 4,670.00
				Sub - Total :-	(C) Rs. 1,58,670.00
	(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.
	1.30 for 4 th year				Rs.
	1.40 for 5 th year				Rs.
	1.50 for 6 th year				Rs.
				Sub - Total :-	(D) Rs.

ation

of brushwood, Planting lines &
is @ 15 Dis/Hect

42 Dis Rs. 333.00 Dis Rs. 30,666.00

of pits & preparation of stakes
10 Dis/Hect

61 Dis Rs. 333.00 Dis Rs. 20,313.00

pits 30 cm x 30 cm x 30 cm @ 22

134 Dis Rs. 333.00 Dis Rs. 44,622.00

ation of seedlings to the
i/c planting of seedling @ 20

122 Dis Rs. 333.00 Dis Rs. 40,626.00

inspection path - 1.0 Mtr wide @

19 Dis Rs. 333.00 Dis Rs. 6,327.00

cutting 3 mtrs wide along the
Dis/Hect

31 Dis Rs. 333.00 Dis Rs. 10,323.00

weedings @ 12 Dis per Hect per

292 Dis Rs. 333.00 Dis Rs. 97,236.00

oliday @ 18.63%

140 Dis Rs. 333.00 Dis Rs. 46,620.00

escalation value on total of the
(n)

89.1 Dis Rs. 333.00 Dis Rs. 29,670.30

Sub - Total :- (F) Rs. 3,26,373.30

ation

3 weedings @ 12 Dis per Hect per

219 Dis Rs. 333.00 Dis Rs. 72,927.00

eplacement @ 15%, 7 Dis/Ha

43 Dis Rs. 333.00 Dis Rs. 14,319.00

spection path @ 1 Dis/Ha

6 Dis Rs. 333.00 Dis Rs. 1,998.00

ireline @ 1 Dis/Ha

6 Dis Rs. 333.00 Dis Rs. 1,998.00

d holiday @ 18.63% on item 5(a)

51 Dis Rs. 333.00 Dis Rs. 16,983.00

tion @ 20% on item 5(a) 5(e)

65.0 Dis Rs. 333.00 Dis Rs. 21,645.00

Sub - Total :- (G) Rs. 1,29,870.00

eration

Particulars of works		Quantity		Rate		Unit		Amount	
2		3		4		5		6	
a) Tending - 2 weedings @ 12 Dls per Hect per weeding		146 Dls	Rs.	333.00	Dls	Rs.		48,618.00	
b) Casualty replacement @ 15% 7 Dls/Ha		43 Dls	Rs.	333.00	Dls	Rs.		14,319.00	
c) Maint of inspection path @ 1 Dls/Ha		6 Dls	Rs.	333.00	Dls	Rs.		1,998.00	
d) Maint of Fireline @ 1 Dls/Ha		6 Dls	Rs.	333.00	Dls	Rs.		1,998.00	
(e) Add paid holiday @ 18.63% on item 6(a) 6(d)		37 Dls	Rs.	333.00	Dls	Rs.		12,321.00	
Add escalation @ 30% on item 6(a) 6(e)		71.4 Dls	Rs.	333.00	Dls	Rs.		23,776.20	
Sub - Total :-						(H)	Rs.	1,03,030.20	
7 5th year Operation									
a) Tending - 1 weedings @ 12 Dls per Hect per weeding		73 Dls	Rs.	333.00	Dls	Rs.		24,309.00	
b) Maint of inspection path @ 1 Dls/Ha		6 Dls	Rs.	333.00	Dls	Rs.		1,998.00	
c) Maint of Fireline @ 1 Dls/Ha		6 Dls	Rs.	333.00	Dls	Rs.		1,998.00	
(d) Add paid holiday @ 18.63% on item 7(a) 7(d)		16 Dls	Rs.	333.00	Dls	Rs.		5,328.00	
Add escalation @ 40% on item 7(a) 7(d)		40.4 Dls	Rs.	333.00	Dls	Rs.		13,453.20	
Sub - Total :-						(I)	Rs.	47,086.20	
8 6th year Operation									
a) Tending - 1 weedings @ 12 Dls per Hect per weeding		73 Dls	Rs.	333.00	Dls	Rs.		24,309.00	
b) Maint of inspection path @ 1 Dls/Ha		6 Dls	Rs.	333.00	Dls	Rs.		1,998.00	
c) Maint of Fireline @ 1 Dls/Ha		6 Dls	Rs.	333.00	Dls	Rs.		1,998.00	
(d) Add paid holiday @ 18.63% on item 8(a) 8(d)		16 Dls	Rs.	333.00	Dls	Rs.		5,328.00	
Add escalation @ 50% on item 8(a) 8(d)		50.5 Dls	Rs.	333.00	Dls	Rs.		16,816.50	
Sub - Total :-						(J)	Rs.	50,449.50	
9 7th year Operation									
a) Maint of inspection path/fireline & Climber cutting @ 5 Dls/Ha		30 Dls	Rs.	333.00	Dls	Rs.		9,990.00	
(b) Add paid holiday @ 18.63% on item 9(a)		6 Dls	Rs.	333.00	Dls	Rs.		1,998.00	
Add escalation @ 60% on item 9(a) to 9(b)		21.6 Dls	Rs.	333.00	Dls	Rs.		7,192.80	
Sub - Total :-						(K)	Rs.	19,180.80	