

**ESTIMATE FOR RAISING COMPENSATORY AFFORESTATION PLANTATION
UNDER AT SANGALIGAN AREA OF DAFFLAGHARH FOREST RANGE
UNDER BANDERDEWA FOREST DIVISION**

Name of project	Gohpur- Itanagar Natural Gas Pipeline Project along with Optical Fiber Cable
User Agency :	Indradhanush Gas Grid Ltd.
Location of CA :	Sangaligan
Area of Diversion	1.5775 Ha
Area of CA :	3.16 Ha
Wages rate (DL) :	333/-

		Unit	Qnt	Rate	Amount	Remarks
A	Creation of Nursery					
	Cost of seedlings @ 1100 Nos. / ha.	No.	3476	18	62568	
1	1ST YEAR OPERATION					
	Survey & demarcation and prepration of map @ 4 mandays/ ha.	ha	3.16	1332	4209	
	Sub Total					
2	2ND YEAR OPERATION					
	(i) Erection of barbed wire fence (5 strand) fencing per 100 Rmt.	Rmt	960	231.52	222259	
	(ii) Maint. Barbed wire fencing @ 5% of erection cost in each year from 3rd year to 6th year Add.					
	Add 10% escalation value by multiplying factor:					
	1.20 for 3rd year					
	1.3 for 4th year					
	1.4 for 5th year					
	1.5 for 6th year					
	Sub-Total					
3	Raising of seedlings for casualty replacement	No.	869	18.00	15642	
	3rd year 15%=165 Nos					
	4th year 10%= 110 Nos. Total= 275 Nos.					
4	RAISING OF PLANTATION					
	(i) Clearance of brush wood, planting lines & staking of debries @ 15 mandays/ha.	ha	3.16	53114	167840	
	(ii) Alignment of pits & preparation of stakes, staking @ 10 mandys/ha					
	(iii) Digging of pits 30 Cm X 30 Cm X 30 Cm @ 22 mandays/ha					
	(iv) Prepration of thala by uprooting of debris by hoeing around pits @ 22 mandays/ha					

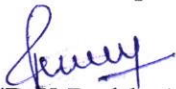
	(v) Carrng of sapling to the planting site i/c plantng of sapling @ 30 mandays (Area II) 8-20 mandays (Area-I0/ha					
	(vi) Making of inspection path 1mtr wide @ 3 mandays/ha					
	(vii) Fire line cutting 3mtrs wide along the periphery @ 5 mandays/ha					
	(viii) Tending - 4 weeding @ 12 mandays/weeding/ha					
	Add 10% escalation value on total of item 4(i) to 4(viii)					
5	3RD YEAR OPERATION	ha	3.16	17982	56823	
	(i) Tending - 3 weeding @ 12 mandays/ha					
	(ii) Casualty replacement 15%					
	(iii) Maint. of inspection path @ 1 manday/ha					
	(iv) Maint. Of fireline @ 1 manday/ha					
	Add 20% escalation value on total of item 5(i) to 5(iv)					
6	4TH YEAR OPERATION	ha	3.16	14286	45144	
	(i) Tending -2 weedings @ 12 mandays/weeding/ha					
	(ii) Casualty replacement 10% @ 7 mandays/ha					
	(iii) Maint. Of inspection path @ 1 manday/ha					
	(iv) Maint. of fireline @ 1 manday/weeding/ha					
	Add 30% escalation value on item 6(i) to 6(iv)					
7	5TH YEAR OPERATION	ha	3.16	6527	20625	
	(i) Tending - 1 weedings @ 12 mandays/weeding/ha					
	(ii) Maint. of inspection path @ 1 manday/ha					
	(iii) Maint. Of fire line @ 1 manday/ha					
	(iv) Add paid holiday @ 18.63% on item 7(i) to 7 (iii)					
	Add 40% escalation value on item 7(i) to 7(iv)					
8	6TH YEAR OPERATION	ha	3.16	6993	22098	
	(i) Tending - 1 weedings @ 12 mandays/weeding/ha					
	(ii) Maint. of inspection path @ 1 mnday/ ha.					
	(iii) Maint. of fireline @ 1 manday/ha.					

152

	Add 50% escalation value on item 8(i) to 8(iii)					
9	7TH YEAR OPERATION	ha	3.16	2664	8418	
	(i) Maint. of inspection path / fireline & climber cutting @ 5 mandays/ha					
	Add 60% escalation value on total item 9(i)					
10	8TH YEAR OPERATION	ha	3.16	2831	8946	
	(i) Maint. of inspection path / fireline & climbing cutting @ 5 mandays/ha					
	Add 70% escalation value on item 10(i)					
	Sub-Total					
11	9TH YEAR OPERATION	ha	3.16	2997	9471	
	(i) Maint. of inspection path / fireline & climber cutting @ 5 mandays/ha					
	Add 80% escalation value on total of item 11(i)					
12	10TH YEAR OPERATION	ha	3.16	3164	9998	
	(i) Maint. of inspection path / fireline & climber cutting @ 5 mandays/ha					
	Add 90% escalation value on total of item 12 (i)					
16	Approach foot track to plantation in area where necessary	Rmt	300	7.16	2148	
17	Monitoring, Supervision (POL, Maint. of vehicles, including TE etc.) @ 12% and Contingency @ 3% to meet up unseen expenditure i.e 15% on item No.1 to16 plus Nursery cost to meet the unforeseen expenditure Rs.656190/-				98429	
18	Provision for soil and moisture conservation structures (where needed) @ Rs. 7200/- per ha.	ha	3.16	7200	22752	
				Total	777370	
				or say Rs.7,77,400.00		

(Rupees Seven Lakh Seventy Seven Thousand Four Hundred) only

Prepared by


 (D.K.Poddar) Addl. Chief Estimator
 O/O PCCF, Itanagar


 (R.K.Singh)
 Nodal Officer (FCA)