



GOVT. OF ASSAM

OFFICE OF THE CHIEF CONSERVATOR OF FORESTS :: SOUTHERN ASSAM CIRCLE
:: SILCHAR-788001 ::

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Letter No. FGS.18/FV-RF/Pt.,

Date: 07 / 01 / 2022

From,

The Chief Conservator of Forests,
Southern Assam Circle, Silchar.

To,

The Divisional Forest Officer,
Karimganj Division, Karimganj.

Sub: - Approval of estimate for 19.0 Hect. Compensatory Afforestation in Patheria Hills Reserved Forest against diversion proposal of 9.2755 Hect. of Forest land in Tilbhum Reserved Forest for laying of 18" Dia underground Gas-Pipeline by Indradhanush Gas Grid Ltd.

Ref: - Your letter No. KJ(T)/Gas Pipeline/IGGL/2021/97-99, dtd. 05-01-2022.

As requested vide your letter under reference the estimate amounting to Rs. 90,46,385/- (Rupees ninety lakh forty six thousand three hundred eighty five) only for 19.0 Hect. Compensatory Afforestation in Patheria Hills Reserved Forest against diversion proposal of 9.2755 Hect. of Forest land in Tilbhum Reserved Forest for laying of 18" Dia underground Gas-Pipeline by Indradhanush Gas Grid Ltd. is hereby technically approved.

The approved copies of said estimate are returned herewith for your needful.

Enclo:- As stated above.

(Jatindra Sarma, IFS)
Chief Conservator of Forests,
Southern Assam Circle, Silchar

Copy to:-

- 1) The Addl. Principal Chief Conservator of Forests (T), Lower Assam Zone for favour of his kind information.
- 2) The Chief Conservator of Forests & Nodal Officer, (F.C. Act.) O/o the PCCF & HoFF, Assam, Aranya Bhawan, Panjabari, Guwahati-37 for his kind information.

Chief Conservator of Forests,
Southern Assam Circle, Silchar

Detailed Estimate for 19.00 hect. Compensatory Afforestation plantation in Patharia Hills Reserve Forest under Patherkandi Range of Karimganj Forest Division, Karimganj against the diversion proposal of 9.2755 hect. of the forest land in Tilbhumi Reserved Forest for laying of 18" Dia underground Pipeline by Indradhanush Gas Grid Limited.

Area (ha.) . = 19.00
 Spacing (m x m) . = 2 x 2
 Number of Saplings/ha . = 2500
 Length of Fence (RM) . = 1945
 Wage rate (Rs.) . = 320*
 Increase in wage rate for subsequent years by a factor . = 1.1
 Appreciation of material costs by a factor . = 1.1

Sl. No.	Particulars of Works	Unit	Qty./ Ha.	Total Qty.	Rate/Unit	Amount (Rs.)
A	ERCTION OF FENCING					
	(a) Cost of full chain link Goat proof fencing (4' ht with 10 guage 3" dia link) with 3 strand barbed wire (one strand below the chain link and two strand above the chain link) to be fitted on pre-cast RCC pillars of specific specification and size as per details specification attached at 2.5 m apart, including transportation, fitting and fixing for 1945 RM @ Rs. 1016/RM as per	RM	1945	1016	1976120	
						Sub Total 1976120
B	INFRASTRUCTURE IN PLANTATION AREA					
	Construction of camp hut with installation of ring/tube well	Nos.		1	150000	150000
	Cost of tools & implements	Nos.		1	5000	5000
	Cost of RCC signboard & gate including fitting & fixing of the same	Nos.		1	30000	30000
	Camp accessories @ Rs. 5000/- per camp	Nos.		1	5000	5000
						Sub Total 190000
C	ADVANCE WORK					
	Site selection, surveying, demarcation, jungle cutting, burning etc. 20 DLs/ha.	DLs	20	380	320	121600
	Preparation and acquisition of polypot-saplings in the field nursery for planting 2500 Nos. Seedlings/ha. @ Rs. 8/- per polypot	Nos.	2500	47500	8	380000
	Preparation of polypot saplings in the field nursery for vacancy filling					
	a) 25% mortality expected during 1st year (to be planted in the field during the 2nd year) i.e. 625 seedlings/ha. @ Rs. 8/- per polypot/stump	Nos.	625	11875	8	95000
	b) 20% mortality expected during 2nd year (to be planted in the field during the 3rd year) i.e. 500 seedlings/ha @ Rs. 8/- per polypot/stump	Nos.	500	9500	8	76000
						Sub Total 672600
D	CREATION & 1ST YEAR MAINTENANCE					
	Soil working, carriage of stamps, polypot seedling and planting at the plantation site including, dibbling of seeds wherever necessary to complete raising of plantation with all necessary operation @ 40 DLs/ha	DLs	40	760	320	243200
	5 weeding, mulching and fire protection works @ 18 DLs/ha/weeding	DLs	90	1710	320	547200
	Maintenance and protection of field nursery and watch and ward for the plantation area (1 DL for 365 days)	DLs	1	365	320	116800
	Contingency	LS				30000
						Sub Total 937200
E	2ND YEAR MAINTENANCE					
	5 weeding, fire protection works @ 10 DLs/ha/weeding	DLs	50	950	352	334400
	25% vacancy filling by 1 year old seedlings from nursery @ 10 DLs/ha	DLs	10	190	352	66880
	Maintenance and protection of field nursery and watch and ward for the plantation area (1 DL for 365 days)	DLs	1	365	352	128480
	Maintenance of camp hut, implements, upkeepment of plantation signboard, documentation, upkeepment of records and other misc work	LS				10000
	Contingency	LS				30000
						Sub Total 569760

F	3RD YEAR MAINTENANCE					
	4 weedings, fire protection works @ 8 DLs/ha/weeding	DLs	32	608	387	235296
	20% Vacancy filling by 2 year old seedlings from nursery @ 8 DLs/ha	DLs	8	152	387	58824
	Maintenance and protection of field nursery and watch and ward for the plantation area (1 DL for 365 days)	DLs	1	365	387	141255
	Maintenance of camp hut, implements, upkeepment of plantation signboard, documentation, upkeepment of records etc.	LS				10000
	Contingency	LS				30000
Sub Total						475375
G	4TH YEAR MAINTENANCE					
	4 weeding, fire protection works @ 8 DLs/ha/weeding	DLs	32	608	426	259008
	Maintenance and protection of field nursery and watch and ward for the plantation area (1 DL for 365 days)	DLs	1	365	426	155490
	Maintenance of camp hut, implements, upkeepment of plantation signboard, documentation, upkeepment of records etc.	LS				10000
	Contingency	LS				30000
	Sub Total					454498
H	5TH YEAR MAINTENANCE (2025-26)					
	Climber cutting, weeding & other silvicultural works and fire protection works @ 5 DLs/ha	DLs	5	95	469	44555
	Maintenance and protection of field nursery and watch and ward for the plantation area (1 DL for 365 days)	DLs	1	365	469	171185
	Maintenance of camp hut, implements, upkeepment of plantation signboard, documentation & upkeepment of records etc.	LS				10000
	Contingency	LS				30000
	Sub Total					255740
I	6TH YEAR MAINTENANCE					
	Climber cutting, weeding & other silvicultural works and fire protection works @ 5 DLs/ha	DLs	5	95	516	49020
	Maintenance of camp hut, implements, upkeepment of plantation signboard, documentation & upkeepment of records etc.	LS				10000
	Contingency	LS				30000
	Sub Total					89020
	J 7TH YEAR MAINTENANCE					
J	Climber cutting, weeding & other silvicultural works and fire protection works @ 5 DLs/ha	DLs	5	95	568	53960
	Maintenance of camp hut, implements, upkeepment of plantation signboard, documentation & upkeepment of records etc.	LS				10000
	Contingency	LS				30000
	Sub Total					93960
	K 8TH YEAR MAINTENANCE					
	Climber cutting, weeding & other silvicultural works and fire protection works @ 5 DLs/ha	DLs	5	95	625	59375
K	Maintenance of camp hut, implements, upkeepment of plantation signboard, documentation & upkeepment of records etc.	LS				10000
	Contingency	LS				30000
	Sub Total					99375
	L 9TH YEAR MAINTENANCE					
	Climber cutting, weeding & other silvicultural works and fire protection works @ 5 DLs/ha	DLs	5	95	688	65360
	Maintenance of camp hut, implements, upkeepment of plantation signboard, documentation & upkeepment of records etc.	LS				10000
Contingency		LS				30000
Sub Total						105360

M	10TH YEAR MAINTENANCE					
	Climber cutting, weeding & other silvicultural works and fire protection works @ 5 DLs/ha	DLs	5	95	757	71915
	Maintenance of camp hut, implements, upkeepment of plantation signboard, documentation & upkeepment of records etc.	LS				10000
	Contingency	LS				30000
		Sub Total				111915
		Total				6030923
		50% Overhead Cost				3015462
		Grand Total				9046385

(Rupees Ninety lakh forty six thousand three hundred eighty five) only

* N.B: The wage rate is as per the notification of labour commissioner, Assam

Particulars of works	Amount (Rs.)
Erection of fencing	1976120
Infrastructure in plantation area	190000
Adyance work	672600
Creation & 1st year maintenance	937200
2nd year maintenance	569760
3rd year maintenance	475375
4th year maintenance	454498
5th year maintenance	255740
6th year maintenance	89020
7th year maintenance	93960
8th year maintenance	99375
9th year maintenance	105360
10th year maintenance	111915
TOTAL	6030923
50 % Overhead Cost	3015462
Grand Total Rs.	9046385
Rate per hect. plantation Rs.4,76,125.53	

Technically Approved by

Conservator of Forests
Southern Assam Circle, Silchar

Countersigned by

Divisional Forest Officer
Karimganj Division, Karimganj.

Submitted by

Range Forest Officer,
Patherkandi Range, Patherkandi.