

BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL
Principal Bench, New Delhi

Original Application No. 612/2022

Subhender

Applicant

Versus

State of Haryana

Respondent

Index

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1.	Reply in the matter of Original Application No. 612/2022: Subhender Applicant Versus State of Haryana Respondent, in compliance of Hon'ble National Green Tribunal Order dated 08.11.2023	1-


Chief Engineer/PTPS
HPGCL, Panipat

Dated: 18.03.2024
Place: Panipat



No. 1264/CMDP-II

Dated: 18-3-2024

To

The Registrar
 National Green Tribunal
 New Delhi.

Subject: Reply in the matter of Original Application No. 612/2022: Subhender Applicant Versus State of Haryana Respondent, in compliance of Hon'ble National Green Tribunal Order dated

Ref: Hon'ble NGT order dated 08.11.2023

PTPS (HPGCL) has been directed to file additional reply with all relevant details in compliance with EC (Environmental Clearance) regarding compliance with EC conditions (i) area brought under plantation, species planted, density and survival rate and action plan for further plantation and (ii) amount required under EC/CTO(Consent to operate) to be spent on CER/CSR activities during the financial year, amount already spent so far and amount to be spent during remaining part of the financial year on CER/CSR activities and the CER/CSR activities on which the same is to be spent.

The requisite reply is as under:

A) Area Brought Under Plantation:

As per Environmental clearance (EC) issued by Ministry of Environment & Forest (MoEF), GOI vide memo no. J-13011/2002-IA.II (T) dated 23.08.2002, a greenbelt covering an area of 44 hectare should be developed around construction yard, plant boundary, ash disposal area etc. ensuring a tree density of 1500-2000 trees per hectare.

Reply: A topographic & cadastral survey have been got done to find out the exact area under plantation. As per the survey report, 42 hectare of land is under plantation inside the plant area and 1.38 hectare of land is under plantation inside the colony area. The report is attached as **Annexure-A**. PTPS has planned for further plantation in 7 hectares near the ash dyke area and 7 hectares inside the plant area in co-ordination with the forest department of Haryana in Financial year 2024-25 starting June/July 2024.

B) Species planted, density & survival rate:

As per EC dated 23.08.2002, an area of 44 ha was to be brought under plantation with a density of around 1500-2000 trees per ha.

Reply: The total number of trees planted by PTPS (HPGCL) till date is around 98000 number tentatively. However, PTPS is carrying out tree census (**Annexure-B**) in a phased manner, to find out the exact number of trees and tree density. Various species like Neem, Arjun, Jamun, Peepal, Siris, halasina, Kigelia etc. have been planted. No historical data is available for calculating the survival rate.

C) Action plan for further plantation:

- i) Forest department has been approached for development of a green belt on a vacant land of around 17.5 acres (7 hectare) near the ash dyke area and 17.5 acres (7 hectares) inside the plant area. Forest department has carried out the field survey and has submitted the budgetary offer (Rs 1.90 Crores) for both creation & maintenance (1 year+3 years) of the green belt. The plantation drive has been scheduled from June/July 2024. Total 15,400 trees of different species will be planted. (**Annexure-C**).

- ii) PTPS has developed a nursery on pilot basis. Different varieties of flower seedlings and tree saplings are propagated for further transplantation at different locations in the station. (Annexure-D).

D) CER (Corporate Environmental Responsibilities)/CSR (Corporate Social Responsibilities) under taken during FY 2023-24:

As per the CSR policy of HPGCL, HPGCL will spend, in every financial year, at least two percent of the average net profits of the company made during the three immediately preceding financial years, in pursuance of its Corporate Social Responsibility Policy. Following is the profit made by HPGCL in the last three financial years:

Sr. No.	Financial Year	Net Profit made by HPGCL (in Rs)	CSR expenditure required to be made in 2023-24 as per policy (in Rs)	Actual CSR expenditure made in 2023-24 (in Rs) by PTPS(HPGCL)
1	2020-21	-195.82 Crores	NIL	Rs 5.13 Lakh till 29.02.2024
2	2021-22	-395.08 Crores		
3	2022-23	96.61 Crores		
4	Average Net profit	-494.29 Crores		

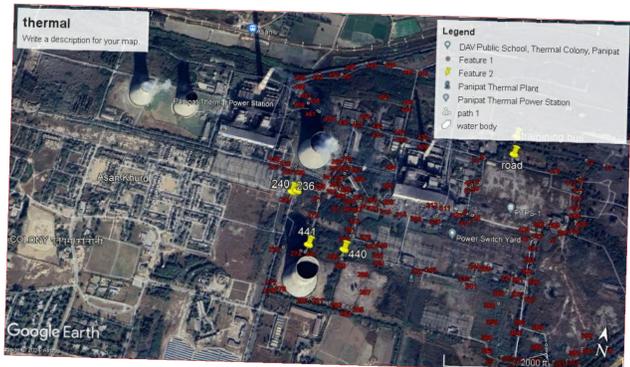
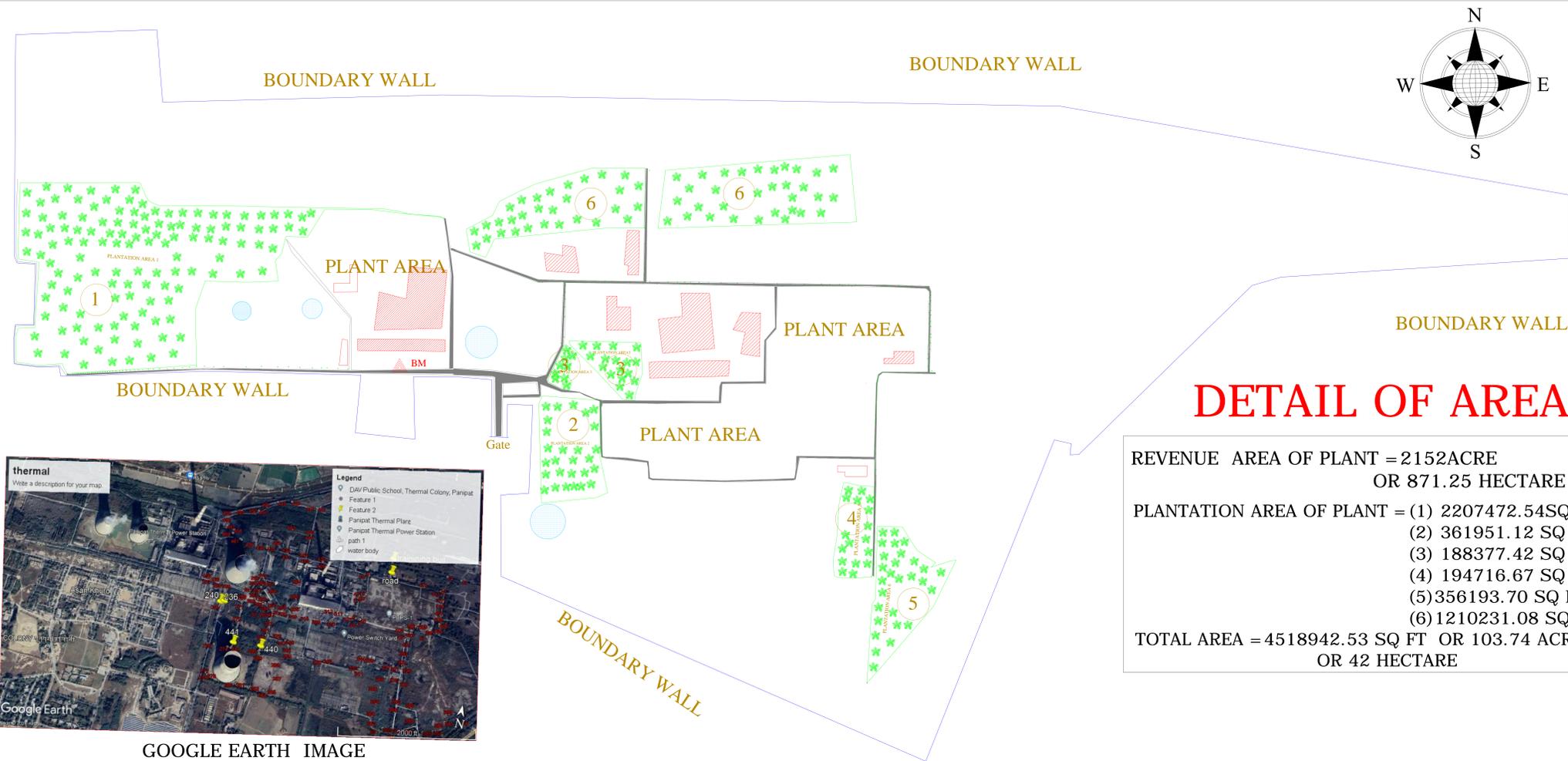
Further, no specific amount, required to be spent on CER/CSR has been mentioned in the Environmental Clearance. However, following expenditures have been made by PTPS in the last 2 years:

- 1) During 2022-23:
 - a) Renovation work of the building of Govt. Sanskriti Primary School, Village Jattal (Panipat) has been carried out in the financial year 2022-23 with financial implication of **Rs. 80 Lakhs**
 - b) Technical training to the students of ITI (Industrial Training Institutes) was provided under skill development apprenticeship program with financial implication of **12.89 Lakhs**.
- 2) During 2023-24:
 - a) Technical training to the students of ITI (Industrial Training Institutes) is being provided under skill development apprenticeship program. The expenditure details are as under:

S. No.	Financial Year	Expenditure carried out till 29.02.2024	Expenditure to be carried out during March 2024
1	2023-24	Rs 5,13,048/-	54,363/-


 Chief Engineer/PTPS
 HPGCL, Panipat

ANNEXURE-A



GOOGLE EARTH IMAGE

DETAIL OF AREA

REVENUE AREA OF PLANT = 2152ACRE
OR 871.25 HECTARE APP.

PLANTATION AREA OF PLANT = (1) 2207472.54SQ FT
(2) 361951.12 SQ FT
(3) 188377.42 SQ FT
(4) 194716.67 SQ FT
(5) 356193.70 SQ FT
(6) 1210231.08 SQ FT

TOTAL AREA = 4518942.53 SQ FT OR 103.74 ACRE
OR 42 HECTARE

TOPOGRAPHIC AND CADASTRAL SURVEY PLAN OF
PANIPAT THERMAL POWER STATION ,HPGCL PANIPAT
HARYANA

LEGEND:-

SCALE 1:1000

S.NO	PARTICULAR	
	ACTUAL BOUNDARY	
	BUILDING AREA AND PLANT AREA	
	METAL ROAD	
	CON./TILES STREET	
	STATION POINT	BM
	ELECTRIC POLE	
	TREES	

CLIENT:-

**HARYANA POWER GENERATION
CORPORATION LIMITED HARYANA**

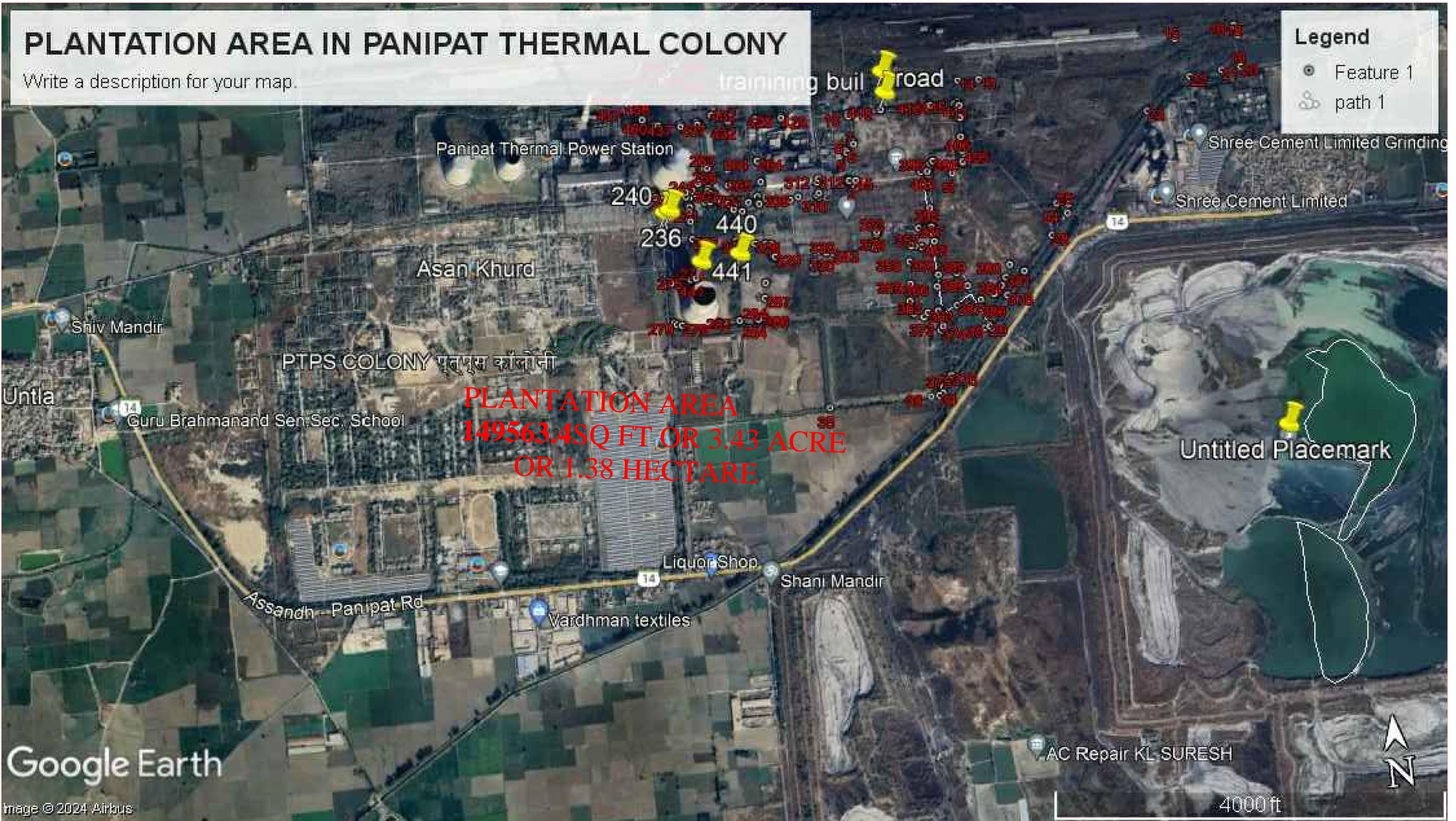


PLANTATION AREA IN PANIPAT THERMAL COLONY

Write a description for your map.

Legend

- Feature 1
- ⌂ path 1




HARYANA POWER GENERATION CORPORATION LIMITED

PANIPAT THERMAL POWER STATION, PANIPAT
 Website: www.hpgcl.org.in Email: xencmdc.ptps@hpgcl.org.in
 GST No. 06AABCH4536J1ZM


Letter of Intent

From

 Executive Engineer/CMD-Colony,
 PTPS, HPGCL, Panipat

To

 M/s Sharma Associates,
 Sadar Bazar, Karnal.

Memo no. 364 /CMD-1345

Dated: 18.03.2024

Subject: Tree Enumeration along with species identification at PTPS Colony, PTPS, Panipat.

Ref.:- Your offer against NIQ No: - 40/PTPS/CMD(C)/2023-24 Dated: 13.03.2024 for the subject cited work.

In reference to the above, it is to inform that subject cited work has been awarded to you at your quoted cost of Rs. 97,893/- (Rs. Ninety Seven Thousand Eight Hundred Ninety Three Only) including of 18% GST. You are requested to start the work immediately. The completion period of the work shall be 01 month to be reckoned from the date of issue of LOI.

The detailed work order along with other terms & conditions shall be issued shortly.


 18/03/2024
 Executive Engineer/CMD-Colony,
 PTPS, HPGCL, Panipat



An ISO 9001, ISO 14001 and OHSAS 18001
Certified Company

HARYANA POWER GENERATION CORPORATION LIMITED

Regd. Office – C-7, Urja Bhawan, Sector-6, Panchkula

Corporate Identity Number: U45207HR1997SGC033517

Website: www.hpgcl.org.in

Email- xencmdp1.ptps@hpgcl.org.in

From

Executive Engineer /CMD P-I,
PTPS, HPGCL, Panipat.

To

M/s Sharma Associates,
431/7 Gandhi Chowk Sadar Bazar
Karnal-132001.

Memo No. 733 /CMDP-I/1350

Dated 18-03-2024

Sub:

Tree Enumeration along with species identification at PTPS, Panipat –
L.O.I.

Ref:-

This office Short Term LTE No. 27/2023-24/CMDP-I/1350 Dated 13.03.2024
for the subject cited work.

Letter of Intent is hereby placed on your firm for carrying out the subject
cited work, at your quoted rates and on all the other terms & conditions of the LTE, at a
total cost of Rs. 97173/- (Rupees Ninety Seven Thousand one Hundred seventy three
only) including GST.

You are requested to start the work within 3 days. The detailed work order
shall follow shortly.


18/03/2024
Executive Engineer /CMD P-I,
PTPS, HPGCL, Panipat.

कार्यालय :-

वन मण्डल अधिकारी, पानीपत, हरियाणा।

वन विभाग, हरियाणा सरकार।

वन परिसर, आर्य नगर नजदीक असन्ध रोड, पानीपत। फोन/फैक्स:- 0180-2650331 ई-मेल :- dfopanipat04@yahoo.co.in

क्रमांक

2941

दिनांक

18-3-24

सेवा में :-

XEN/CMDP-1,
PTPS, HPGCL, Panipat/

विषय:

Regarding development of green belt (around 32 Acres) inside plant area of PTPS and Regarding development of green belt (17.5 Acres) adjoining ash dykes of PTPS.

सन्दर्भ

आपका पत्र क्रमांक 713/CMDP-I/PTPS दिनांक 11.3.2024 व पत्र क्रमांक 1253/CMDP-I/PTPS दिनांक 11.3.2024 के निरन्तर में।

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उपरोक्त विषय के सम्बन्ध में जैसा आपने सन्दर्भित पत्र द्वारा चाहा है आपको विषयांकित दोनों पौधारोपण स्थल के प्रस्ताव इस पत्र के साथ प्रेषित है। दोनों पौधारोपण स्थल के प्रस्ताव की प्रशासनिक स्वीकृति प्रदान करते हुए दोनों पौधारोपण प्रस्ताव के प्रथम वर्ष पौधारोपण की राशि का 50 प्रतिशत बजट निम्न प्रकार से अलाट करने की कृपा करें:-

Sr. No.	Project	Particular	1st Year Plantation Amount (with Conti)	Admin Charge	Total	50% to be allotted	Remarks
1	Development of green belt (around 32 Acres) inside plant area of PTPS	Plantation	8201138	656091	8857229	4428615	
2	Development of green belt (17.5 Acres) adjoining ash dykes of PTPS	Fencing	998713	79897	1078610	1078610	Fencing amount 100% required
3		Plantation	8462879	677030	9139909	4569955	
	Total		17662730	1413018	19075748	10077180	

अतः उक्त विवरणी अनुसार इस मण्डल को 1,00,77,180/-रु. का बजट अलाट करने की कृपा करें। ताकि तदानुसार उच्च अधिकारियों को प्रस्ताव भेजकर तकनीकी स्वीकृति प्राप्त करके आगामी वित्त वर्ष 2024-25 में कार्य आरम्भव किया जा सके।

वन मण्डल अधिकारी
पानीपत।

**Expenditure of plantation on 7700 No. Tall Plants during the year 2024-25 at wage rate of 420.16/- of
GREEN BELT INSIDE PLANT AREA HPGCL PTPS PANIPAT**

Sr. No.		Spacing	Area	1 st Year Exp.	2 nd Year Exp.	3 rd Year Exp.	4 th Year Exp.	Total	Contingencies charge @8%	Forestry Total	Admin. Charges @ 8%	G.Total	Total Expenditure
1	No. of Plants 7700 spacing 3 x 3 mtr. 7 Ha. or 17.5 acres land inside plant	3x3	7 Ha.	7593646	1912614.00	869502.00	358708.00	10734470	858758	11593228	927458	1786216	12520686
	<i>Total</i>			7593646	1912614	869502	358708	10734470	858758	11593228	927458	1786216	12520686

JS



Divisional Forest Officer
Panipat

[Signature]
Range Forest Officer
Panipat

**Cost Statement for 7700 No. Tall Plants during the year 2024-25 at wage rate of 420.16/- of GREEN BELT
INSIDE PLANT AREA HPGCL, PTPS PANIPAT**

No. of Plants 7700 spacing 3 x 3 mtr. 7 Ha. or 17.5 acres land

1st Year Expenditure (Plantation & Maintenance)					@420.16/-	
Sr. No.	HFD Item No.	Item of work	Unit	Qty.	Rate/ Unit	Amount
1	2.4(b)	Kana uprooting with JCB	Ha.	3.50	19790.24	69265.84
2	1.1	Ploughing with Hired Tractor 3 times	Ha.	21	3298.36	69265.56
3	1.2	Harrowing with Hired Tractor 7 times	Ha.	49	1979.01	96971.49
4	1.6(b)	Levelling by lazer leveller	Hrs.	40.00	923.54	36942
5	3.1	Dag bailing and alignment	RKM	30.80	294.12	9059
6	3.5	Digging of pits 7700 x 1 x 1 x 1	M ³	7700.00	178.56	1374912
7	State Cost norms	Carriage of good soil upto 10 km	Qtl	7700.00	157.56	1213212
8	-do-	Loading and unloading of soil	Qtl	7700.00	20.99	161623
9	-do-	Purchase of FYM including carriage and loading and unloading	Qtl	1540.00	157.56	242642
10	-do-	Purchase of Gypsum	Qtl	770.00	653.7	503349
11	-do-	Loading and unloading of Gypsum	Qtl	770.00	302.63	233025
12	-do-	Carriage of Gypsum upto 10 Km	Qtl	770.00	228.96	176299
13	-do-	Cost of Plants including 20% extra	No.	9240.00	105.34	973342
14	1.36(ii)	Loading and unloading of plants in Tractor/Crat. vide PCCF haryana letter no. A-IX-3/2538-98 dated 24-11-2017 SOR No. 1.36 (ii)	No.	9240.00	3.16	29198
15	1.35(b)	Carriage of plants by cart/tractor other mens including empty return vide PCCF haryana letter no. A-IX-3/2538-98 dated 24-11-2017 SOR No. 1.35	No.	9240.00	26.39	243844
16	State Cost norms	Carriage of plants from pit to pit	LS	9240.00	2.76	25502
17	4.8(a)(iii)	Plantating of seeding including 10% replacement	No.	8470.00	16.82	142465
18	11.3(a)	Application of fertilizer (One time DAP + One time Urea)	No.	16940.00	0.82	13891
19	6.1(d)(i)	Irrigation Ten Times with hired tractor vide PCCF haryana letter no. A-IX-3/2538-98 dated 24-11-2017	No.	77000.00	12.60	970200
20	5.1(b)	First weeding and hoeing	No.	7700.00	8.38	64526
21	5.2 (b)	Subsequent weeding and hoeing Seven times	No.	53900.00	6.31	340109
22	State Cost norms	Miscellaneous expenditure for purchase of fertilizer, pesticides, foliage Nutrients, Baskets & Tins etc.	LS	7.00	1763.15	12342
		Total				7001985
		Add EPF @ 13%				
		Add ESI @ 3.25%				
		of labour wage component (Sr. No. 5,14,16,17,18,20,21,22)		624751		101522
		Added Contractor profit 7% of total				490139
		Total				7593646

ABSTRACT	Amount
1st year Plantation	7593646
Total	7593646
Contingencies cost of 8% extra	607492
G.Total	8201138
Admin Charges 8% of total	656091
Total cost of Plant	8857229

Note :- 1. The works are carried out on the SOR of the Forest Department, Haryana. Items not covered under the SOR are carried out at the market rate by inviting Quotation which are approved by the DFO.

Note :-2. This estimate is for the work to be done in the financial year 2024-2025 (Upto 31-3-2025) only at the present minimum wage rate (Rs.420.16/- per day) and the work work strat from 1-4-2024. The estimate will be revised with increase in wage rate

Note :- 3. Term and Condition of payment will be as per previous years (50% advance at the time of approval of the scheme, rest 25% after giving the utilization certificate of 50% amount and final payment of 25% will be given after giving utilization certificate of 75% amount

Note :- 4. The administration cost is essential for various official expenses

DFO.
Divisional Forest Officer
Panipat

Range Forest Officer
Forest Range, Panipat

Cost Statement for 7700 No. Tall Plants during the year 2024-25 at wage rate of 420.16/- of GREEN BELT INSIDE PLANT AREA HPGCL PTPS PANIPAT

No. of Plants 7700 spacing 3 x 3 mtr. 7 Ha. or 17.5 acres land

Second Year Expenditure

S.No.	HFD Item No.	Item of work	Units	Qty.	Wage Rate @ 420.16	
					Rate/Unit	Amount
1	State cost norms	Raising of Plants in Nursery	No.	1694	105.34	178445.96
2	3.10	Re- opening of Pits 1540 x 1 x 1 x 1	m3	1540	84.02	129390.80
3	State Cost norms	Purchase of Gypsum	Qtl.	385	653.7	251674.50
4	-do-	Carriage of Gypsum upto 10 Km	Qtl	385	228.96	88149.60
5	-do-	Loading and unloading of Gypsum	Qtl	385	302.63	116512.55
6	1.36(ii)	Loading and unloading of plants	No.	1694	3.16	5353.04
7	1.35(b)	Carriage of Plants	No.	1694	26.39	44704.66
8	4.8(a)(iii)	Planting of Plants	No.	1540	16.82	25902.80
9	6.1(d)(i)	Irrigation six Times with hired tractor vide PCCF haryana letter no. A-IX-3/2538-98 dated 24-11-2017	No.	46200	12.60	582120.00
10	5.2 (b)	Weeding and Hoeing - FOUR Times	No.	30800	6.31	194348.00
11	1.2	Harrowing with Hired Tractor 6 times	Ha.	42	1979.01	83118.42
12	State Cost norms	Misc. Expenditure Like Pruning, thinning, etc.	LS	7	1244.58	8712.06
		Total				1708432.39
		Add EPF 13%,				
		Added ESI @3.25%				
		of labour wage component (Sr. No.1,5,6,8,10.)			520562	84591
		Add Contractor Profit @7% of Total				119590.27
					G.Total	1912614.04

	ABSTRACT	Amount
	1st year Plantation	1912614
	Total	1912614
	Contingencies cost of 8% extra	153009
	G.Total	2065623
	Admin Charges 8% of total	165250
	Total cost of Plant	2230873

Note :- 1. The works are carried out on the SOR of the Forest Department, Haryana. Items not covered under the SOR are carried out at the market rate by inviting Quotation which are approved by the DFO.

Note :-2. This estimate is for the work to be done in the financial year 2025-2026 (Upto 31-3-2026) only at the present minimum wage rate (Rs.420.16/- per day) and the work work strat from 1-4-2025. The estimate will be revised with increase in wage rate

Note :- 3. Term and Condition of payment will be as per previous years (50% advance at the time of approval of the scheme, rest 25% after giving the utilization certificate of 50% amount and final payment of 25% will be given after giving utilization certificate of 75% amount

Note :- 4. The administration cost is essential for various official expenses

95-

 Divisonal Forest Officer
 Panipat


 Range Forest Officer
 Forest Range, Panipat

Cost Statement for 7700 No. Tall Plants during the year 2024-25 at wage rate of 420.16/- of GREEN BELT INSIDE PLANT AREA HPGCL PTPS PANIPAT

No. of Plants 7700 spacing 3 x 3 mtr. 7 Ha. or 17.5 acres land

Third Year Expenditure						
S.No.	HFD Item No.	Item of work	Units	Qty.	Wage Rate @ 420.16	
					Rate/Unit	Amount
1	State cost norms	Raising of Plants in Nursery	No.	847	105.34	89222.98
2	3.10	Re- opening of Pits 770x1x1x1	m ³	770	84.02	64695.40
3	1.36(ii)	Loading and unloading of plants	No.	847	3.16	2676.52
4	1.35(b)	Carriage of Plants	No.	847	26.39	22352.33
5	4.8(a)(iii)	Planting of Plants	No.	770	16.82	12951.40
6	6.1(d)(i)	Irrigation Four Times with hired tractor vide PCCF haryana letter no. A-IX-3/2538-98 dated 24-11-2017	No.	30800	12.60	388080.00
7	5.2 (b)	Weeding and Hoeing - Three Times	No.	23100	6.31	145761.00
8	State Cost norms	Misc. Expenditure Like Pruning, thinning, etc.	LS	7	1037.15	7260.05
9	1.2	Harrowing with Hired Tractor 3 times	Ha.	21	1979.01	41559.21
		Total				774558.89
		Add EPF 13%				
		Added ESI @3.25%				
		of labour wage component (Sr. No.1,3,5,7.)			250611.90	40724.43
		Add Contractor Profit @7% of Total				54219.12
					G.Total	869502.45

ABSTRACT	Amount
Ist year Plantation	869502
Total	869502
Contingencies cost of 8% extra	69560
G.Total	939063
Admin Charges 8% of total	75125
Total cost of Plant	1014188

Note :- 1. The works are carried out on the SOR of the Forest Department, Haryana. Items not covered under the SOR are carried out at the market rate by inviting Quotation which are approved by the DFO.

Note :-2. This estimate is for the work to be done in the financial year 2026-2027 (Upto 31-3-2027) only at the present minimum wage rate (Rs.420.16/- per day) and the work work strat from 1-4-2026. The estimate will be revised with increase in wage rate

Note :- 3. Term and Condition of payment will be as per previous years (50% advance at the time of approval of the scheme, rest 25% after giving the utilization certificate of 50% amount and final payment of 25% will be given after giving utilization certificate of 75% amount

Note :- 4. The administration cost is essential for various official expenses

c/s.

 Divisional Forest Officer
 Panipat



Cost Statement for 7700 No. Tall Plants during the year 2024-25 at wage rate of 420.16/- of GREEN BELT INSIDE PLANT AREA HPGCL PTPS PANIPAT						
No. of Plants 7700 spacing 3 x 3 mtr. 7 Ha. or 17.5 acres land						
Forth Year Expenditure						
S.No.	HFD Item No.	Item of work	Units	Qty.	Wage Rate @ 420.16	
					Rate/Unit	Amount
1	6.1(d)(i)	Irrigation Two Times with hired tractor vide PCCF haryana letter no. A-IX-3/2538-98 dated 24-11-2017	No.	15400	12.60	194040
2	5.2 (b)	Weeding and Hoeing of Plants -- Two Times	No.	15400	6.31	97174
3	State Cost norms	Expenditure on cleaning, Pruning, thinning, Etc.	LS	7	3630.00	25410.00
		Total				316624
		Add EPF 13%				
		Added ESI @3.25%				
		of labour wage component (Sr. No.2,3)			122584.00	19919.90
		Add Contractor Profit @7% of Total				22163.68
					G.Total	358707.58

ABSTRACT	Amount
1st year Plantation	358708
Total	358708
Contingencies cost of 8% extra	28697
G.Total	387404
Admin Charges 8% of total	30992
Total cost of Plant	418397

Note :- 1. The works are carried out on the SOR of the Forest Department, Haryana. Items not covered under the SOR are carried out at the market rate by inviting Quotation which are approved by the DFO.

Note :- 2. This estimate is for the work to be done in the financial year 2027-2028 (Upto 31-3-2028) only at the present minimum wage rate (Rs.420.16/- per day) and the work work strat from 1-4-2027. The estimate will be revised with increase in wage rate

Note :- 3. Term and Condition of payment will be as per previous years (50% advance at the time of approval of the scheme, rest 25% after giving the utilization certificate of 50% amount and final payment of 25% will be given after giving utilization certificate of 75% amount

Note :- 4. The administration cost is essential for various official expenses

c/s.

 Divisional Forest Officer
 Panipat



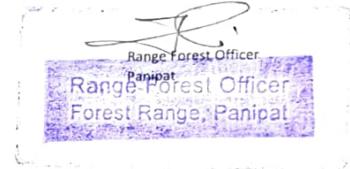
Divisional Forest Officer
 Panipat

Expenditure of Plantation on HPGCL PTPS adjoining ash dykes near Sutana Village ,Panipat.

Sr. No.		Spacing	Area	1 st Year Exp.	2 nd Year Exp.	3 rd Year Exp.	4 th Year Exp.	Total	Contingencies charge @8%	Forestry Total	Admin. Charges@ 8%	G.Total	Total Expenditure
1	Fencing 1.5 Km	-	1.5 Km	924734	0	0	0	924734	73979	998713	79897	153876	1078610
2	No. of Plants 7700 spacing 3 x 3 mtr. 7 Ha. or 17.5 acres land	3x3	7 Ha.	7835999	2154967.00	990679.00	358708.00	11340353	907228	12247581	979806	1887035	13227388
	Total			8760733	2154967	990679	358708	12265087	981207	13246294	1059704	2040910	14305997

c/s.


 Divisional Forest Officer
 Panipat



Barbed Wire Fencing					
Cost Statement for barbed wire fencing with angle iron PTPS HPGCL Land adjoining ash dykes near Sutana Village Total Area 1.5 Km @ 420.16/- during the year 2024-25.					
Sr. No.	Item of Work	Units	Qty.	Rate/ Unit	Amount
1	Shrubs, Bush clearing boundaries	M ²	1232	420.16	5177
2	Alignment of boundaries & path	km	1.5	2100.66	3151
3	Preparation of Augur holes of 20cm dia by hired tractor up to depth of 1mt.	No.	375	31.51	11816
4	Fixing of Angle Iron	No.	375	16.70	6263
5	Carriage of Angle Ironhole to hole distance up to 5-10km	No.	375	16.70	6263
6	Cost of Angle Iron height 10 feet brand (Steel Authority of India) size 50mm X 50mm X 6mm 1 feet height=1.400kg weight. Total weight one angle=18.20kg @ 75/- +18% GST	No.	375	1652.50	619687
7	Barbed wire fencing 6 stand & 2 cross wire	mtr.	7490	105.01	7865
8	Cost of B-wire as per rate including GST	Qtl.	12.50	12227.28	152841
9	Cost of concrete post of size (0.25+0.20/2 X 0.25+0.20/2) X 0.60	No.	375	110.58	41468
Total					854529.4
Add EPF @ 13%					
Add ESI @ 3.25%					
of wages component(sr.no. 1,2,4,7,9)				63924	10388
Add Contractor profit @ 7% of total					59817
Grand total					924734

ABSTRACT	Amount
Ist year	924734
Total	924734
Contingencies cost of 8% extra	73979
G.Total	998713
Admin Charges 8% of total	79897
Total cost of Plant	1078610

Note :- 1. The works are carried out on the SOR of the Forest Department, Haryana. Items not covered under the SOR are carried out at the market rate by inviting Quotation which are approved by the DFO.

Note :-2. This estimate is for the work to be done in the financial year 2024-2025 (Upto 31-3-2025) only at the present minimum wage rate (Rs.420.16/- per day) and the work work start from 1-4-2024. The estimate will be revised with increase in wage rate

Note :- 3. Term and Condition of payment will be as per previous years (50% advance at the time of approval of the scheme, rest 25% after giving the utilization certificate of 50% amount and final payment of 25% will be given after giving utilization certificate of 75% amount

Note :- 4. The administration cost is essential for various official expenses


 Divisional Forest Officer
 Panipat



Cost Statement for 7700 No. Tall Plants during the year 2024-25 at wage rate of 420.16/- of HPGCL PTPS adjoining ash dykes near Sutana Village ,Panipat.

No. of Plants 7700 spacing 3 x 3 mtr. 7 Ha. or 17.5 acres land					@420.16/-	
1st Year Expenditure (Plantation & Maintenance)						
Sr. No.	HFD Item No.	Item of work	Unit	Qty.	Rate/ Unit	Amount
1	2.4(b)	Kana uprooting with JCB	Ha.	3.50	19790.24	69265.84
2	1.1	Ploughing with Hired Tractor 3 times	Ha	21	3298.36	69265.56
3	1.2	Harrowing with Hired Tractor 7 times	Ha	49	1979.01	96971.49
4	1.6(b)	Levelling by lazer leveller	Hrs.	40.00	923.54	36942
5	3.1	Day bailing and alignment	RKM	30.80	294.12	9059
6	3.5	Digging of pits 7700 x 1 x 1 x 1	M ³	7700.00	178.56	1374912
7	State Cost norms	Carriage of good soil upto 10 km	Qtl	7700.00	157.56	1213212
8	-do-	Loading and unloading of soil	Qtl	7700.00	20.99	161623
9	-do-	Purchase of FYM including carriage and loading and unloading	Qtl	1540.00	157.56	242642
10	-do-	Purchase of Gypsum	Qtl	770.00	653.7	503349
11	-do-	Loading and unloading of Gypsum	Qtl	770.00	302.63	233025
12	-do-	Carriage of Gypsum upto 10 Km	Qtl	770.00	228.96	176299
13	-do-	Cost of Plants including 20% extra	No.	9240.00	105.34	973342
14	1.36(ii)	Loading and unloading of plants in Tractor/Crat. vide PCCF haryana letter no. A-IX-3/2538-98 dated 24-11-2017 SOR No. 1.36 (ii)	No.	9240.00	3.16	29198
15	1.35(b)	Carriage of plants by cart/tractor other mens including empty return vide PCCF haryana letter no. A-IX-3/2538-98 dated 24-11-2017 SOR No. 1.35	No.	9240.00	26.39	243844
16	State Cost norms	Carriage of plants from pit to pit	LS	9240.00	2.76	25502
17	4.8(a)(iii)	Plantating of seeding including 10% replacement	No.	8470.00	16.82	142465
18	11.3(a)	Application of fertilizer (One time DAP + One time Urea)	No.	16940.00	0.82	13891
19	6.1(d)(i)	Irrigation Ten Times with hired tractor vide PCCF haryana letter no. A-IX-3/2538-98 dated 24-11-2017	No.	77000.00	12.60	970200
20	5.1(b)	First weeding and hoeing	No.	7700.00	8.38	64526
21	5.2 (b)	Subsequent weeding and hoeing Seven times	No.	53900.00	6.31	340109
22	State Cost norms	Miscellaneous expentiture for purchase of fertilizer, presticides, foliage Nutrients, Baskets & Tins etc.	LS	7.00	1763.15	12342
22	-do-	Cost of Protection watcher 2No. Watcher for 9 months	M' Days	468	420.16	196634.88
		Total				7198620
		Add EPF @ 13%				
		Add ESI @ 3.25%				
		of labour wage component (Sr. No. 5,14,16,17,18,20,21,22)		821386		133475
		Added Contractor profit 7% of total				503903
		Total				7835999

	ABSTRACT	Amount
	1st year Plantation	7835999
	Total	7835999
	Contingencies cost of 8% extra	626880
	G.Total	8462879
	Admin Charges 8% of total	677030
	Total cost of Plant	9139909

Note :- 1. The works are carried out on the SOR of the Forest Department, Haryana. Items not covered under the SOR are carried out at the market rate by inviting Quotation which are approved by the DFO.

Note :-2. This estimate is for the work to be done in the financial year 2024-2025 (Upto 31-3-2025) only at the present minimum wage rate (Rs.420.16/- per day) and the work work start from 1-4-2024. The estimate will be revised with increase in wage rate

Note :- 3. Term and Condition of payment will be as per previous years (50% advance at the time of approval of the scheme, rest 25% after giving the utilization certificate of 50% amount and final payment of 25% will be given after giving utilization certificate of 75% amount

Note :- 4. The administration cost is essential for various official expenses

C/S,
Sub-Division Officer
Panipat

Range Forest Officer
Forest Range, Panipat

Cost Statement for 7700 No. Tall Plants during the year 2024-25 at wage rate of 420.16/- of HPGCL PTPS adjoining ash dykes near Sutana Village ,Panipat.

No. of Plants 7700 spacing 3 x 3 mtr. 7 Ha. or 17.5 acres land

Second Year Expenditure

S.No.	HFD Item No.	Item of work	Units	Qty.	Wage Rate @ 420.16	
					Rate/Unit	Amount
1	State cost norms	Raising of Plants in Nursery	No.	1694	105.34	178445.96
2	3.10	Re- opening of Pits 1540 x 1 x 1 x 1	m3	1540	84.02	129390.80
3	State Cost norms	Purchase of Gypsum	Qtl.	385	653.7	251674.50
4	-do-	Carriage of Gypsum upto 10 Km	Qtl	385	228.96	88149.60
5	-do-	Loading and unloading of Gypsum	Qtl	385	302.63	116512.55
6	1.36(ii)	Loading and unloading of plants	No.	1694	3.16	5353.04
7	1.35(b)	Carriage of Plants	No.	1694	26.39	44704.66
8	4.8(a)(iii)	Planting of Plants	No.	1540	16.82	25902.80
9	6.1(d)(i)	Irrigation six Times with hired tractor vide PCCF haryana letter no. A-IX-3/2538-98 dated 24-11-2017	No.	46200	12.60	582120.00
10	5.2 (b)	Weeding and Hoeing - FOUR Times	No.	30800	6.31	194348.00
11	1.2	Harrowing with Hired Tractor 6 times	Ha.	42	1979.01	83118.42
12	State Cost norms	Misc. Expenditure Like Prunning, thinning, etc.	LS	7	1244.58	8712.06
13	-do-	Cost of Protection watcher 2No. Watcher for 9 months	Mdays	468	420.16	196634.88
		Total				1905067.27
		Add EPF 13%				
		Added ESI @3.25%				
		of labour wage component (Sr. No.1,5,6,8,10,13)			717197	116545
		Add Contractor Profit @7% of Total				133354.71
					G.Total	2154966.53
		ABSTRACT			Amount	
		2nd year Plantation			2154967	
		Total			2154967	
		Contingencies cost of 8% extra			172397	
		G.Total			2327364	
		Admin Charges 8% of total			186189	
		Total cost of Plant			2513553	

Note :- 1. The works are carried out on the SOR of the Forest Department, Haryana. Items not covered under the SOR are carried out at the market rate by inviting Quotation which are approved by the DFO.

Note :-2. This estimate is for the work to be done in the financial year 2025-2026 (Upto 31-3-2026) only at the present minimum wage rate (Rs.420.16/- per day) and the work work strat from 1-4-2025. The estimate will be revised with increase in wage rate

Note :- 3. Term and Condition of payment will be as per previous years (50% advance at the time of approval of the scheme, rest 25% after giving the utilization certificate of 50% amount and final payment of 25% will be given after giving utilization certificate of 75% amount

Note :- 4. The administration cost is essential for various official expenses

c/s.

 Divisonal Forest Officer
 Panipat


 Range Forest Officer
 Forest Range, Panipat

Cost Statement for 7700 No. Tall Plants during the year 2024-25 at wage rate of 420.16/- of HPGCL PTPS adjoining ash dykes near Sutana Village ,Panipat.

No. of Plants 7700 spacing 3 x 3 mtr. 7 Ha. or 17.5 acres land

Third Year Expenditure						
S.No.	HFD Item No.	Item of work	Units	Qty.	Wage Rate @ 420.16	
					Rate/Unit	Amount
1	State cost norms	Raising of Plants in Nursery	No.	847	105.34	89222.98
2	3.10	Re- opening of Pits 770x1x1x1	m3	770	84.02	64695.40
3	1.36(ii)	Loading and unloading of plants	No.	847	3.16	2676.52
4	1.35(b)	Carriage of Plants	No.	847	26.39	22352.33
5	4.8(a)(ii)	Planting of Plants	No.	770	16.82	12951.40
6	6.1(d)(i)	Irrigation Four Times with hired tractor vide PCCF haryana letter no. A-IX-3/2538-98 dated 24-11-2017	No.	30800	12.60	388080.00
7	5.2 (b)	Weeding and Hoing - Three Times	No.	23100	6.31	145761.00
8	State Cost norms	Misc. Expenditure Like Prunning, thinning, etc.	LS	7	1037.15	7260.05
9	1.2	Harrowing with Hired Tractor 3 times	Ha.	21	1979.01	41559.21
10	State Cost norms	Cost of Protection watcher 1No. Watcher for 9 months	Mdays	234	420.16	98317.44
		Total				872876.33
		Add EPF 13%,				
		Added ESI @3.25%				
		of labour wage component (Sr. No.1,3,5,7,10)			348929.34	56701.02
		Add Contractor Profit @7% of Total				61101.34
					G.Total	990678.69
		ABSTRACT			Amount	
		3rd year Plantation			990679	
		Total			990679	
		Contingencies cost of 8% extra			79254	
		G.Total			1069933	
		Admin Charges 8% of total			85595	
		Total cost of Plant			1155528	

Note :- 1. The works are carried out on the SOR of the Forest Department, Haryana. Items not covered under the SOR are carried out at the market rate by inviting Quotation which are approved by the DFO.

Note :-2. This estimate is for the work to be done in the financial year 2026-2027 (Upto 31-3-2027) only at the present minimum wage rate (Rs.420.16/- per day) and the work work strat from 1-4-2026. The estimate will be revised with increase in wage rate

Note :- 3. Term and Condition of payment will be as per previous years (50% advance at the time of approval of the scheme, rest 25% after giving the utilization certificate of 50% amount and final payment of 25% will be given after giving utilization certificate of 75% amount

Note :- 4. The administration cost is essential for various official expenses

C/S.
 District Forest Officer
 Panipat

[Signature]
 Range Forest Officer
 Forest Range, Panipat

Cost Statement for 7700 No. Tall Plants during the year 2024-25 at wage rate of 420.16/- of HPGCL PTPS adjoining ash dykes near Sutana Village ,Panipat.

No. of Plants 7700 spacing 3 x 3 mtr. 7 Ha. or 17.5 acres land

Forth Year Expenditure

S.No.	HFD Item No.	Item of work	Units	Qty.	Wage Rate @ 420.16	
					Rate/Unit	Amount
1	6 1(d)(i)	Irrigation Two Times with hired tractor vide PCCF haryana letter no. A-IX-3/2538-98 dated 24-11-2017	No.	15400	12.60	194040
2	5.2 (b)	Weeding and Hoeing of Plants -- Two Times	No.	15400	6.31	97174
3	State Cost norms	Expenditure on cleaning, Pruning, thinning, Etc.	LS	7	3630.00	25410.00
		Total				316624
		Add EPF 13%				
		Added ESI @3.25%				
		of labour wage component (Sr. No.2,3)			122584.00	19919.90
		Add Contractor Profit @7% of Total				22163.68
					G.Total	358707.58

	ABSTRACT	Amount
	4th year Plantation	358708
	Total	358708
	Contingencies cost of 8% extra	28697
	G.Total	387404
	Admin Charges 8% of total	30992
	Total cost of Plant	418397

Note :- 1. The works are carried out on the SOR of the Forest Department, Haryana. Items not covered under the SOR are carried out at the market rate by inviting Quotation which are approved by the DFO.

Note :-2. This estimate is for the work to be done in the financial year 2027-2028 (Upto 31-3-2028) only at the present minimum wage rate (Rs.420.16/- per day) and the work work strat from 1-4-2027. The estimate will be revised with increase in wage rate

Note :- 3. Term and Condition of payment will be as per previous years (50% advance at the time of approval of the scheme, rest 25% after giving the utilization certificate of 50% amount and final payment of 25% will be given after giving utilization certificate of 75% amount

Note :- 4. The administration cost is essential for various official expenses

g/c.

 Divisional Forest Officer
 Panipat


 Range Forest Officer
 Forest Range, Panipat

