



Tamil Nadu Police Housing Corporation Limited
(A Government of Tamil Nadu Undertaking)
(An ISO 9001: 2015 Certified Company)
No. 132, E. V. R. Salai, Kilpauk, Chennai – 600 010



Letter. No.CE/Plg/TNIHPL/2023

Dt:01.06.2023

To

The Executive Director,
State Industries Promotion Corporation of Tamil Nadu Ltd,
Egmore,
Chennai-600 008.

Sir,

Sub: TNPHC Ltd – HO – Plg – Construction of Hostel Project for TPCL (Tata Power Company Limited) at Gangaikondan in Tirunelveli District – Rough cost Estimate proposal and willingness – Furnished – Regarding.

Ref: The Executive Director, SIPCOT/MD, TNIHPL, Email Dtd: 18.05.2023.

The Executive Director, SIPCOT/MD, TNIHPL has requested to furnish the rough cost estimate for Proposed Construction of Hostel Project for TPCL (Tata Power Company Limited) at Gangaikondan in Tirunelveli District.

The proposed site is located in part of SIPCOT land in Gangaikondan Village Survey No. (1474/1 to 1931/1) to an extent of SIPCOT industrial growth land area is 1478.19 Acres. In that land 6.40 Acres have been allocated for Industrial Housing for Tata Power Company Limited. The land is located near National Highway 44 to a distance of about 1.5 Km. Approach road of 30m width is available from NH 44. The site is free from encroachment and no TNEB and Telephone lines crossing in the site.

3. The rough cost estimate is prepared based on the PWD plinth area rates for the year 2023-24. The Estimate works out to ₹ **99.45 Crores** including GST at 18%, Labour Welfare Fund at 1%, Unforeseen item @ 2.5% and overhead charges with price adjustment clause at 5%.

4. It is informed that the Tamil Nadu Police Housing Corporation is willing to execute the work with the supervision charges @ 7.5%.

5. Hence, it is requested that your acceptance may be communicated to us for taking further necessary action.

Encl: As above.

Signature
1/6/2023
Chief Engineer

TAMIL NADU POLICE HOUSING CORPORATION LIMITED

GENERAL ABSTRACT

Name of work : Rough Cost Estimate For The Construction for Hostel project for TPCL (Tata Power company Ltd) at Gangaikondan in Tirunelveli District.

RATE 2023 - 2024

Plinth Area

		Sqm	Sq.ft
Ground floor area		7679.00	82626.04
First Floor		7370.00	79301.2
Second floor area		7370.00	79301.2
Total		22419.00	241228.44
Head room area		168.77	1815.97
Total area		22587.77	243044.41

Rough Cost Estimate

Sl.no	QTY	DESCRIPTION OF ITEMS	RATE	PER	AMOUNT
1	1.00	Construction for Hostel project for TPCCL (Tata Power company Ltd) A1 Block in Tirunelveli District.	75708028.03	sqm	75708028.03
2	1.00	Construction for Hostel project for TPCCL (Tata Power company Ltd) A2 Block in Tirunelveli District.	75708028.03	sqm	75708028.03
3	1.00	Construction for Hostel project for TPCCL (Tata Power company Ltd) B1 Block in Tirunelveli District.	106032696.33	sqm	106032696.33
4	1.00	Construction for Hostel project for TPCCL (Tata Power company Ltd) B2 Block in Tirunelveli District.	126122190.28	sqm	126122190.28
5	1.00	Construction for Hostel project for TPCCL (Tata Power company Ltd) C1 Block in Tirunelveli District.	75708596.73	sqm	75708596.73
6	1.00	Construction for Hostel project for TPCL (Tata Power company Ltd) C2 Block in Tirunelveli District.	101104501.98	sqm	101104501.98
7	1.00	Construction for Hostel project for TPCL (Tata Power company Ltd) D Block in Tirunelveli District.	10509061.53	sqm	10509061.53
		SUB TOTAL - I			570893102.89
8	2.00	Provision for Sump	2000000.00		4000000.00
9	5070.00	Provision for cement concrete Road	841.00		4263870.00

Sl.no	QTY	DESCRIPTION OF ITEMS	RATE	PER	AMOUNT
10	1.00	Provision for STP 1mld	18000000.00		18000000.00
11	520.00	Provision for Compound wall	7000.00		3640000.00
12	1.00	Provision for Storm water Drain	300000.00		300000.00
13	9.00	Lift Arrangements 10 persons	2693000.00		24237000.00
14	3.00	Provision for Genset 160KVA with AMF panel	2088200.00		6264600.00
15		Provision for Filling lowlying area	LS		5000000.00
16		Provision for fire alarm system with fire extinguisher, Fire Fighting arrangements including consultancy charges.	LS		1500000.00
17		Provision for ramp arrangements for physically challenged, ss hand rails, etc	LS		700000.00
18		Provision for EPBAX connection ,Data cable, cctv and access control	LS		1500000.00
19		Provision for furniture arrangements	LS		6000000.00
20		Provision for Cot arrangements	LS		15000000.00
21		Provision for kitchen appliances and Dining table arrangements	LS		5500000.00
22		Provision for Air conditioner	LS		8500000.00
23		Provision for OHT arrangements	LS		1500000.00
24		Provision for Solar arrangements	LS		1000000.00
25		Provision for Two wheeler shed	LS		1500000.00
26		Provision for drinking water supply arrangements	LS		1500000.00
27		Provision for external electrical and HT Supply	LS		10000000.00
28		Provision for Dispenser 20 Nos	LS		670000.00
29		Provision for Numbering & Lettering	LS		500000.00
30	2.00	Provision for Transformer 500KVA	2940000.00		5880000.00
31	4.00	Soil investigation charges (As per PWD Norms)	38705.00		154820.00

Sl.no	QTY	DESCRIPTION OF ITEMS	RATE	PER	AMOUNT
32		Finishing Elevation charges at 1 % of building cost	As per PWD Norms		5708931.03
33		Provision for lawn at 1% of building cost	As per PWD Norms		5708931.03
34		Provision for I & A Charges	(22587.77 x 188)		4246500.76
		SUB TOTAL - II			713667755.71
35		Add SGST 9%			64230098.01
36		Add CGST 9%			64230098.01
		SUB TOTAL - III			842127951.73
37		Labour welfare fund at 1 %	LS		7136677.56
38		Unforeseen items at 2.50 %	LS		21053198.79
39		Supervision charges at 7.5%	LS		63159596.38
40		Add GST @ 18% of Supervision Charges 7.5%	LS		11368727.35
41		Price adjustment clause @ 5%	LS		42106397.59
		SUB TOTAL - IV			986952549.40
42		Cost of Foundation stone laying & inaugural function	As per PWD Norms		26000.00
43		Advertisement charges	LS		515000.00
44		Structural design and consultancy charges	LS		1000000.00
45		Provision for Plan approval	LS		2000000.00
46		Provision for Environmental Clearance & other department payment	LS		1500000.00
47		Provision for EB deposits	LS		2000000.00
48		Surveying of Boundaries and demarking of blocks etc	LS		500000.00
		TOTAL			994493549.40
		Say Rs.			99.45 crores
		Rate Per Sqft =994493549.40/ 243044.41 =			4091.82


Chief Engineer
Chief Engineer
Tamilnadu Police Housing Corporation Ltd.
Chennai - 600 010.

TAMIL NADU POLICE HOUSING CORPORATION LIMITED

Name of work : Rough Cost Estimate For The Construction for Hostel project for TPCL (Tata Power company Ltd) 'A1' Block at Gangaikondan in Tirunelveli District.

RATE 2023 - 2024

Plinth Area

Ground floor area	995.00	Sqm
First Floor	995.00	Sqm
Second floor area	995.00	Sqm
Total	2985.00	Sqm
Head room area	24.11	sqm

Rough Cost Estimate

Sl.no	QTY	DESCRIPTION OF ITEMS	RATE	PER	AMOUNT
1	995.00	Foundation - Framed Structure	5350.00	sqm	5323250.00
2	995.00	Additional basement height 1.20 m	2092.00	sqm	2081540.00
3	995.00	Super structure in Ground floor	11155.00	sqm	11099225.00
4	995.00	Super structure in First floor	11196.00	sqm	11140020.00
5	995.00	Super structure in Second Floor	11237.00	sqm	11180815.00
6	24.11	Head room (65% of plinth area of non-residential cost	7330.70	sqm	176743.18
7	995.00	Roof finishing	1820.00	sqm	1810900.00
8	995.00	Dummy Columns	442.00	sqm	439790.00
9	995.00	Provision for Combined footing	882.00	sqm	877590.00
10	995.00	Antitermite treatment	130.00	sqm	129350.00
11	2786.00	Double charged vitrified flooring on 80 % P.A	2065.00	sqm	5753090.00
12	2786.00	UPVC Windows(80 % of plinth Area)	2115.00	sqm	5892390.00
13	2985.00	Plastic Emulsion	962.00	sqm	2871570.00

Sl.no	QTY	DESCRIPTION OF ITEMS	RATE	PER	AMOUNT
14	2985.00	Internal Water supply Arrangements	558.00	sqm	1665630.00
15	2985.00	Internal Sanitary Arrangements	430.00	sqm	1283550.00
16	2985.00	Internal Electrical Arrangements	1030.00	sqm	3074550.00
17	2985.00	Add extra for provision of LED lightings, Computer plug & Power plug	218.05	sqm	650879.25
18	2985.00	Extra provision for TW door shutter, cubboard shutter, bath room fitting, kitchen arrangements & electrical fittings.	1830.00	sqm	5462550.00
		SUB TOTAL - I			70913432.43
19	1990.00	External Water supply Arrangements (G.F + F.F)	860.00	sqm	1711400.00
20	497.50	External Water supply Arrangements (S.F)	860.00	sqm	427850.00
21	1990.00	External Sanitary Arrangements (G.F + F.F)	266.00	sqm	529340.00
22	497.50	External Sanitary Arrangements (S.F)	266.00	sqm	132335.00
23	1990.00	External Electrical Arrangements (ground Floor + F.F)	787.00	sqm	1566130.00
24	199.00	External Electrical Arrangements (S.F)	787.00	sqm	156613.00
25	169.56	Pavement all-round the building width 1.20m	1210.00	Rmt	205167.60
26	4.00	Rain water harvesting arrangements	16440.00	Each	65760.00
		TOTAL			75708028.03


Chief Engineer
 Tamilnadu Police Housing Corporation Ltd
 Chennai - 600 010

TAMIL NADU POLICE HOUSING CORPORATION LIMITED

**Name of work : Rough Cost Estimate For The Construction for Hostel project for TPCL
(Tata Power company Ltd) A2 at Gangaikondan in Tirunelveli District.**

RATE 2023 - 2024

Plinth Area

Ground floor area	995.00	Sqm
First Floor	995.00	Sqm
Second floor area	995.00	Sqm
Total	2985.00	Sqm
Head room area	24.11	sqm

Rough Cost Estimate

SL. no	QTY	DESCRIPTION OF ITEMS	RATE	PER	AMOUNT
1	995	Foundation - Framed Structure	5350.00	sqm	5323250.00
2	995	Additional basement height 1.20 m	2092.00	sqm	2081540.00
3	995	Super structure in Ground floor	11155.00	sqm	11099225.00
4	995	Super structure in First floor	11196.00	sqm	11140020.00
5	995	Super structure in Second Floor	11237.00	sqm	11180815.00
6	24.11	Head room (65% of plinth area of non-residential cost	7330.70	sqm	176743.18
7	995	Roof finishing	1820.00	sqm	1810900.00
8	995.00	Dummy Columns	442.00	sqm	439790.00
9	995.00	Provision for Combined footing	882.00	sqm	877590.00
10	995	Antitermite treatment	130.00	sqm	129350.00
11	2786.00	Double charged vitrified flooring on 80 % P.A	2065.00	sqm	5753090.00
12	2786.00	UPVC Windows(80 % of plinth Area)	2115.00	sqm	5892390.00
13	2985.00	Plastic Emulsion	962.00	sqm	2871570.00

Sl. no	QTY	DESCRIPTION OF ITEMS	RATE	PER	AMOUNT
14	2985.00	Internal Water supply Arrangements	558.00	sqm	1665630.00
15	2985.00	Internal Sanitary Arrangements	430.00	sqm	1283550.00
16	2985.00	Internal Electrical Arrangements	1030.00	sqm	3074550.00
17	2985.00	Add extra for provision of LED lightings, Computer plug & Power plug	218.05	sqm	650879.25
18	2985.00	Extra provision for TW door shutter, cubboard shutter, bath room fitting, kitchen arrangements & electrical fittings.	1830.00	sqm	5462550.00
		SUB TOTAL - I			70913432.43
19	1990.00	External Water supply Arrangements (G.F + F.F)	860.00	sqm	1711400.00
20	497.50	External Water supply Arrangements (S.F)	860.00	sqm	427850.00
21	1990	External Sanitary Arrangements (G.F + F.F)	266.00	sqm	529340.00
22	497.5	External Sanitary Arrangements (S.F)	266.00	sqm	132335.00
23	1990	External Electrical Arrangements (ground Floor + F.F)	787.00	sqm	1566130.00
24	199	External Electrical Arrangements (S.F)	787.00	sqm	156613.00
25	169.56	Pavement all-round the building width 1.20m	1210.00	Rmt	205167.60
26	4.00	Rain water harvesting arrangements	16440.00	Each	65760.00
		TOTAL			75708028.03


Chief Engineer
 Tamilnadu Police Housing Corporation Ltd.
 Chennai - 600 010.

TAMIL NADU POLICE HOUSING CORPORATION LIMITED

Name of work : Rough Cost Estimate For The Construction for Hostel project for TPCL (Tata Power company Ltd) B1 in Tirunelveli District.

RATE 2023 - 2024

Plinth Area

Ground floor area	1395.00	Sqm
First Floor	1395.00	Sqm
Second floor area	1395.00	Sqm
Total	4185.00	Sqm
Head room area	24.11	sqm

Rough Cost Estimate

Sl.no	QTY	DESCRIPTION OF ITEMS	RATE	PER	AMOUNT
1	1395.00	Foundation - Framed Structure	5350.00	sqm	7463250.00
2	1395.00	Additional basement height 1.20 m	2092.00	sqm	2918340.00
3	1395.00	Super structure in Ground floor	11155.00	sqm	15561225.00
4	1395.00	Super structure in First floor	11196.00	sqm	15618420.00
5	1395.00	Super structure in Second Floor	11237.00	sqm	15675615.00
6	24.11	Head room (65% of plinth area of non-residential cost	7330.70	sqm	176743.18
7	1395.00	Roof finishing	1820.00	sqm	2538900.00
8	1395.00	Dummy Columns	442.00	sqm	616590.00
9	1395.00	Provision for Combined footing	882.00	sqm	1230390.00
10	1395.00	Antitermite treatment	130.00	sqm	181350.00
11	3906.00	Double charged vitrified flooring on 80 % P.A	2065.00	sqm	8065890.00
12	3906.00	UPVC Windows(80 % of plinth Area)	2115.00	sqm	8261190.00
13	4185.00	Plastic Emulsion	962.00	sqm	4025970.00

Sl.no	QTY	DESCRIPTION OF ITEMS	RATE	PER	AMOUNT
14	4185.00	Internal Water supply Arrangements	558.00	sqm	2335230.00
15	4185.00	Internal Sanitary Arrangements	430.00	sqm	1799550.00
16	4185.00	Internal Electrical Arrangements	1030.00	sqm	4310550.00
17	4185.00	Add extra for provision of LED lightings, Computer plug & Power plug	218.05	sqm	912539.25
18	4185.00	Extra provision for TW door shutter, cubboard shutter, bath room fitting, kitchen arrangements & electrical fittings.	1830.00	sqm	7658550.00
		SUB TOTAL - I			99350292.43
19	2790.00	External Water supply Arrangements (G.F + F.F)	860.00	sqm	2399400.00
20	697.50	External Water supply Arrangements (S.F)	860.00	sqm	599850.00
21	2790.00	External Sanitary Arrangements (G.F + F.F)	266.00	sqm	742140.00
22	697.50	External Sanitary Arrangements (S.F)	266.00	sqm	185535.00
23	2790.00	External Electrical Arrangements (ground Floor + F.F)	787.00	sqm	2195730.00
24	279.00	External Electrical Arrangements (S.F)	787.00	sqm	219573.00
25	226.79	Pavement all-round the building width 1.20m	1210.00	Rmt	274415.90
26	4.00	Rain water harvesting arrangements	16440.00	Each	65760.00
		TOTAL			106032696.33


Chief Engineer
Tamilnadu Police Housing Corporation Ltd.
Chennai - 600 010.

TAMIL NADU POLICE HOUSING CORPORATION LIMITED

**Name of work : Rough Cost Estimate For The Construction for Hostel project for TPCL
(Tata Power company Ltd) B2 in Tirunelveli District.**

RATE 2023 - 2024

Plinth Area

Ground floor area	1660.00	Sqm
First Floor	1660.00	Sqm
Second floor area	1660.00	Sqm
Total	4980.00	Sqm
Head room area	24.11	sqm

Rough Cost Estimate

SI.no	QTY	DESCRIPTION OF ITEMS	RATE	PER	AMOUNT
1	1660.00	Foundation - Framed Structure	5350.00	sqm	8881000.00
2	1660.00	Additional basement height 1.20 m	2092.00	sqm	3472720.00
3	1660.00	Super structure in Ground floor	11155.00	sqm	18517300.00
4	1660.00	Super structure in First floor	11196.00	sqm	18585360.00
5	1660.00	Super structure in Second Floor	11237.00	sqm	18653420.00
6	24.11	Head room (65% of plinth area of non-residential cost	7330.70	sqm	176743.18
7	1660.00	Roof finishing	1820.00	sqm	3021200.00
8	1660.00	Dummy Columns	442.00	sqm	733720.00
9	1660.00	Provision for Combined footing	882.00	sqm	1464120.00
10	1660.00	Antitermite treatment	130.00	sqm	215800.00
11	4648.00	Double charged vitrified flooring on 80 % P.A	2065.00	sqm	9598120.00
12	4648.00	UPVC Windows(80 % of plinth Area)	2115.00	sqm	9830520.00
13	4980.00	Plastic Emulsion	962.00	sqm	4790760.00

SI.no	QTY	DESCRIPTION OF ITEMS	RATE	PER	AMOUNT
14	4980.00	Internal Water supply Arrangements	558.00	sqm	2778840.00
15	4980.00	Internal Sanitary Arrangements	430.00	sqm	2141400.00
16	4980.00	Internal Electrical Arrangements	1030.00	sqm	5129400.00
17	4980.00	Add extra for provision of LED lightings, Computer plug & Power plug	218.05	sqm	1085889.00
18	4980.00	Extra provision for TW door shutter, cubboard shutter, bath room fitting, kitchen arrangements & electrical fittings.	1830.00	sqm	9113400.00
		SUB TOTAL - I			118189712.18
19	3320.00	External Water supply Arrangements (G.F + F.F)	860.00	sqm	2855200.00
20	830.00	External Water supply Arrangements (S.F)	860.00	sqm	713800.00
21	3320.00	External Sanitary Arrangements (G.F + F.F)	266.00	sqm	883120.00
22	830.00	External Sanitary Arrangements (S.F)	266.00	sqm	220780.00
23	3320.00	External Electrical Arrangements (ground Floor + F.F)	787.00	sqm	2612840.00
24	332.00	External Electrical Arrangements (S.F)	787.00	sqm	261284.00
25	264.21	Pavement all-round the building width 1.20m	1210.00	Rmt	319694.10
26	4.00	Rain water harvesting arrangements	16440.00	Each	65760.00
		TOTAL			126122190.28


Chief Engineer
 Tamilnadu Police Housing Corporation Ltd.
 Chennai - 600 010

TAMIL NADU POLICE HOUSING CORPORATION LIMITED

**Name of work : Rough Cost Estimate For The Construction for Hostel project for TPCL
(Tata Power company Ltd) C1 in Tirunelveli District.**

RATE 2023 - 2024

Plinth Area

Ground floor area	995.00	Sqm
First Floor	995.00	Sqm
Second floor area	995.00	Sqm
Total	2985.00	Sqm
Head room area	24.11	sqm

Rough Cost Estimate

Sl.no	QTY	DESCRIPTION OF ITEMS	RATE	PER	AMOUNT
1	995.00	Foundation - Framed Structure	5350.00	sqm	5323250.00
2	995.00	Additional basement height 1.20 m	2092.00	sqm	2081540.00
3	995.00	Super structure in Ground floor	11155.00	sqm	11099225.00
4	995.00	Super structure in First floor	11196.00	sqm	11140020.00
5	995.00	Super structure in Second Floor	11237.00	sqm	11180815.00
6	24.11	Head room (65% of plinth area of non-residential cost	7330.70	sqm	176743.18
7	995.00	Roof finishing	1820.00	sqm	1810900.00
8	995.00	Dummy Columns	442.00	sqm	439790.00
9	995.00	Provision for Combined footing	882.00	sqm	877590.00
10	995.00	Antitermite treatment	130.00	sqm	129350.00
11	2786.00	Double charged vitrified flooring on 80 % P.A	2065.00	sqm	5753090.00
12	2786.00	UPVC Windows(80 % of plinth Area)	2115.00	sqm	5892390.00
13	2985.00	Plastic Emulsion (50% of plinth area	962.00	sqm	2871570.00

Sl.no	QTY	DESCRIPTION OF ITEMS	RATE	PER	AMOUNT
14	2985.00	Internal Water supply Arrangements	558.00	sqm	1665630.00
15	2985.00	Internal Sanitary Arrangements	430.00	sqm	1283550.00
16	2985.00	Internal Electrical Arrangements	1030.00	sqm	3074550.00
17	2985.00	Add extra for provision of LED lightings, Computer plug & Power plug	218.05	sqm	650879.25
18	2985.00	Extra provision for TW door shutter, cubboard shutter, bath room fitting, kitchen arrangements & electrical fittings.	1830.00	sqm	5462550.00
		SUB TOTAL - I			70913432.43
19	1990.00	External Water supply Arrangements (G.F + F.F)	860.00	sqm	1711400.00
20	497.50	External Water supply Arrangements (S.F)	860.00	sqm	427850.00
21	1990.00	External Sanitary Arrangements (G.F + F.F)	266.00	sqm	529340.00
22	497.50	External Sanitary Arrangements (S.F)	266.00	sqm	132335.00
23	1990.00	External Electrical Arrangements (ground Floor + F.F)	787.00	sqm	1566130.00
24	199.00	External Electrical Arrangements (S.F)	787.00	sqm	156613.00
25	170.03	Pavement all-round the building width 1.20m	1210.00	Rmt	205736.30
26	4.00	Rain water harvesting arrangements	16440.00	Each	65760.00
		TOTAL			75708596.73


Chief Engineer
 Tamilnadu Police Housing Corporation Ltd.
 Chennai - 600 010.

TAMIL NADU POLICE HOUSING CORPORATION LIMITED

Name of work : Rough Cost Estimate For The Construction for Hostel project for TPCL (Tata Power company Ltd) 'C2'Block in Tirunelveli District.

RATE 2023 - 2024

Plinth Area

Ground floor area	1330.00	Sqm
First Floor	1330.00	Sqm
Second floor area	1330.00	Sqm
Total	3990.00	Sqm
Head room area	24.11	sqm

Rough Cost Estimate

Sl.no	QTY	DESCRIPTION OF ITEMS	RATE	PER	AMOUNT
1	1330.00	Foundation - Framed Structure	5350.00	sqm	7115500.00
2	1330.00	Additional basement height 1.20 m	2092.00	sqm	2782360.00
3	1330.00	Super structure in Ground floor	11155.00	sqm	14836150.00
4	1330.00	Super structure in First floor	11196.00	sqm	14890680.00
5	1330.00	Super structure in Second Floor	11237.00	sqm	14945210.00
6	24.11	Head room (65% of plinth area of non-residential cost	7330.70	sqm	176743.18
7	1330.00	Dummy Columns	442.00	sqm	587860.00
8	1330.00	Provision for Combined footing	882.00	sqm	1173060.00
9	1330.00	Roof finishing	1820.00	sqm	2420600.00
10	1330.00	Antitermite treatment	130.00	sqm	172900.00
11	3724.00	Double charged vitrified flooring on 80 % P.A	2065.00	sqm	7690060.00
12	3724.00	UPVC Windows(80 % of plinth Area)	2115.00	sqm	7876260.00
13	3990.00	Plastic Emulsion (50% of plinth area	962.00	sqm	3838380.00

Sl.no	QTY	DESCRIPTION OF ITEMS	RATE	PER	AMOUNT
14	3990.00	Internal Water supply Arrangements	558.00	sqm	2226420.00
15	3990.00	Internal Sanitary Arrangements	430.00	sqm	1715700.00
16	3990.00	Internal Electrical Arrangements	1030.00	sqm	4109700.00
17	3990.00	Add extra for provision of LED lightings, Computer plug & Power plug	218.05	sqm	870019.50
18	3990.00	Extra provision for TW door shutter, cupboard shutter, bath room fitting, kitchen arrangements & electrical fittings.	1830.00	sqm	7301700.00
		SUB TOTAL - I			94729302.68
19	2660.00	External Water supply Arrangements (G.F + F.F)	860.00	sqm	2287600.00
20	665.00	External Water supply Arrangements (S.F)	860.00	sqm	571900.00
21	2660.00	External Sanitary Arrangements (G.F + F.F)	266.00	sqm	707560.00
22	665.00	External Sanitary Arrangements (S.F)	266.00	sqm	176890.00
23	2660.00	External Electrical Arrangements (ground Floor + F.F)	787.00	sqm	2093420.00
24	266.00	External Electrical Arrangements (S.F)	787.00	sqm	209342.00
25	217.13	Pavement all-round the building width 1.20m	1210.00	Rmt	262727.30
26	4.00	Rain water harvesting arrangements	16440.00	Each	65760.00
		SUB TOTAL - II			101104501.98


Chief Engineer
 Tamilnadu Police Housing Corporation Ltd.
 Chennai - 600 010.

TAMIL NADU POLICE HOUSING CORPORATION LIMITED

**Name of work : Rough Cost Estimate For The Construction for Hostel project for TPCL
(Tata Power company Ltd) 'D'Block in Tirunelveli District.**

RATE 2023 - 2024

Plinth Area

Ground floor area 309.00 Sqm

Total **309.00** **Sqm**

Head room area 24.11 sqm

Rough Cost Estimate

Sl.no	QTY	DESCRIPTION OF ITEMS	RATE	PER	AMOUNT
1	309.00	Foundation - Framed Structure	5350.00	sqm	1653150.00
2	309.00	Additional basement height 1.20 m	2092.00	sqm	646428.00
3	309.00	Super structure in Ground floor	11155.00	sqm	3446895.00
4	24.11	Head room (65% of plinth area of non-residential cost	7330.70	sqm	176743.18
5	309.00	Roof finishing	1820.00	sqm	562380.00
6	309.00	Antitermite treatment	130.00	sqm	40170.00
7	309.00	Dummy Columns	442.00	sqm	136578.00
8	309.00	Provision for Combined footing	882.00	sqm	272538.00
9	309.00	Double charged vitrified flooring on 80 % P.A	2065.00	sqm	638085.00
10	309.00	UPVC Windows(80 % of plinth Area)	2115.00	sqm	653535.00
11	309.00	Plastic Emulsion (50% of plinth area	962.00	sqm	297258.00
12	309.00	Internal Water supply Arrangements	558.00	sqm	172422.00
13	309.00	Internal Sanitary Arrangements	430.00	sqm	132870.00
14	309.00	Internal Electrical Arrangements	1030.00	sqm	318270.00

Sl.no	QTY	DESCRIPTION OF ITEMS	RATE	PER	AMOUNT
15	309.00	Add extra for provision of LED lightings, Computer plug & Power plug	218.05	sqm	67377.45
16	309.00	Extra provision for TW door shutter, cupboard shutter, bath room fitting, kitchen arrangements & electrical fittings.	1830.00	sqm	565470.00
		SUB TOTAL - I			9780169.63
17	309.00	External Water supply Arrangements (G.F)	860.00	sqm	265740.00
18	309.00	External Sanitary Arrangements (G.F)	266.00	sqm	82194.00
19	309.00	External Electrical Arrangements (ground Floor)	787.00	sqm	243183.00
20	86.69	Pavement all-round the building width 1.20m	1210.00	Rmt	104894.90
21	2.00	Rain water harvesting arrangements	16440.00	Each	32880.00
		TOTAL			10509061.53


Chief Engineer
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