



ABSTRACT

Police - Buildings - Announcement made by the Hon'ble Chief Minister of Tamil Nadu during the Police Demand held on 26.06.2018 and 27.06.2018- Construction of Administrative Building, Barracks, Bell of Arms, MT Shed, Work Shop for TSP XIII Battalion Tamil Nadu Disaster Response Force at Avadi, Chennai - Administrative and financial sanction - Orders - Issued.

Home (Police-X) Department

G.O.(Ms).No.2118

திருவள்ளூர் ஆண்டு 2049

ஐப்பசி மாதம்-8ம் நாள்

Dated: 25.10.2018

Read :

From the Director General of Police, Tamil Nadu, letter
P.C.No.2048/Buildings-I(1)/2018, dated:10.07.2018.

ORDER :-

During the Police Demand held on 26.06.2018 and 27.06.2018, the Hon'ble Chief Minister of Tamil Nadu among other things has announced the following announcement:-

- 22** 31.44 கோடி ரூபாய் செலவில், ஆவடியிலுள்ள தமிழ்நாடு சிறப்பு காவல் படை 13-ஆம் அணிக்கு (தமிழ்நாடு பேரிடர் மீட்புப்படை) நிர்வாக அலுவலகக் கட்டடம், பாளையங்கள், ஆயுத வைப்பறை, மேற்கூறையுடன் கூடிய வாகனம் நிறுத்துமிடம் மற்றும் பணிமனை ஆகியவை கட்டப்படும்.

2. Pursuant to the said announcement, in the letter read above the Director General of Police, Tamil Nadu has sent a proposal wherein he has stated that the Chief Engineer, Tamil Nadu Police Housing Corporation Limited, Chennai has furnished the feasibility report along with plan and rough cost estimate for the construction of Administrative Building, Barracks, Bell of Arms, MT Shed, Work Shop for TSP XIII Battalion Tamil Nadu Disaster Response Force at Avadi, Chennai.

Sl. No	Announcements	Rs. in Crore	Remarks
1.	Construction of Administrative Building, Barracks, Bell of Arms, MT Shed, Work Shop for TSP XIII Battalion (TNDRF) at Avadi, Chennai	31.44	The land identified in S.No.9/1&2, 11/6, 12/1 to 7, 13, 14, 16/4 & 5, 17, 18, 19, 20/1 to 7, 21/1 to 4, 22, 23/1, 24/2&3, 44/2, 720/3 at 25 Paruthipattu Village in TSP XIII Bn., Avadi is feasible for construction.

3. The Director General of Police has also stated that the Tamil Nadu Police Housing Corporation Limited, Chennai has prepared the plan and rough cost estimate for Rs.31.44/- crore towards the construction of Administrative Building, Barracks, Bell of Arms, MT Shed, Work Shop for TSP XIII Battalion Tamil Nadu Disaster Response Force at Avadi, Chennai. The land belongs to the Police Department. The rough cost estimate has been prepared based on the Public Works Department schedule of rate for the year 2017-18 including necessary overhead charges.

4. The Director General of Police, Chennai has therefore requested the Government to accord necessary administrative and financial sanction for a sum of Rs.31.44/- crore (Rupees Thirty one crore and forty four lakh only) for the construction of Administrative Building, Barracks, Bell of Arms, MT Shed, Work Shop for TSP XIII Battalion Tamil Nadu Disaster Response Force at Avadi, Chennai.

5. The Government have examined the above proposal of the Director General of Police and decided to accept it with restricted cost estimate. Accordingly, the Government accord administrative and financial sanction to the tune of Rs.27.02 Crores (Rupees twenty seven crore two lakh only) for the construction of Administrative Building, Barracks, Bell of Arms, MT Shed, Work Shop for TSP XIII Battalion Tamil Nadu Disaster Response Force at Avadi, Chennai.

6. The Government also direct that the construction work be entrusted to Tamil Nadu Police Housing Corporation Limited. The Chairman and Managing Director, Tamil Nadu Police Housing Corporation Limited is directed to ensure that the construction work is completed within the sanctioned amount or tendered value of work, whichever is less.

7. The expenditure sanctioned in paragraph 5 above, shall be met from the following head of account:-

"4055-00-Capital Outlay on Police - 211 - Police Housing - State's Expenditure - AK - Payment to Tamil Nadu Police Housing Corporation for construction works controlled by Director General of Police - 16 - Major Works (DPC 4055-00-211-AK-1607)"

8. The amount, sanctioned in paragraph 5 above, will be drawn by Director General of Police, Tamil Nadu, Chennai on the basis of progress of work and Utilisation Certificate submitted to Director General of Police by Tamil Nadu Police Housing Corporation Limited and should be credited into Personal Deposit Account of Tamil Nadu Police Housing Corporation Limited under the following head of account by means of

cheque in favour of Personal Deposit Account of Tamil Nadu Police Housing Corporation Limited:-

K-Deposits and Advances (b) Deposit not Bearing Interest
- 8443 00 Civil Deposits - 800 Other Deposits - BL -
Deposits of Tamil Nadu Police Housing Corporation
(DPC 8443 00 800 BL 000A) (Receipts)
(DPC 8443 00 800 BL 0000) (Outgoings)"

9. The expenditure sanctioned in para.5 above shall constitute an item of "New Instrument of Service" for which the approval of the Legislature will be obtained in due course. Pending approval of the Legislature, the expenditure may be initially met by drawal of an advance from the Contingency Fund. The Director General of Police is directed to calculate the actual amount required for the period up to next supplementary estimates and apply for sanction of the same as advance from the Contingency Fund to Finance (BG-I) Department directly in Form 'A' appended to the Tamil Nadu Contingency Fund Rules, 1963 along with a copy of this order. Orders for sanction of an advance from the Contingency Fund will be issued from Finance (BG-I) Department.

He is also directed to send necessary explanatory note to the Government in Finance (BG-I) Department for inclusion of the expenditure in the Supplementary Estimates for the year 2018-2019 for getting the approval of the Legislature at an appropriate time without fail.

10. This order issues with the concurrence of Finance Department vide its U.O.No.51673/US(B)/Home-1/2018, dated:24.10.2018 and Additional Sanction Ledger No.1700 (one thousand seven hundred).

(BY ORDER OF THE GOVERNOR)

NIRANJAN MARDI

ADDITIONAL CHIEF SECRETARY TO GOVERNMENT

To

- ✓ The Director General of Police, Tamil Nadu, Chennai-4.
- ✓ The Chairman and Managing Director,
Tamil Nadu Police Housing Corporation Limited, Chennai-10.
- The Commandant, TSP XIII Battalion, Poonamallee, Chennai -56.
- The Principal Accountant General, Chennai-18.
- The Pay and Accounts Officer (East/South), Chennai-8/35.
- The Treasury Officer, Tiruvallur District.

Copy to:

- The Office of the Chief Minister, Chennai-9.
- The Finance (Home I / BG.I / BG.II) Department, Chennai-9.
- The Private Secretary to Additional Chief Secretary to Government,
Home, Prohibition and Excise Department, Chennai-9.
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// FORWARDED / BY ORDER //

S. H. G. 30/10/18
SECTION OFFICER

29.10.18

TAMIL NADU POLICE HOUSING CORPORATION LIMITED
GENERAL ABSTRACT

Rough Cost Estimate For Disaster Response Force Battalion at Avadi

Rough Cost Estimate (PWD Plinth area rates 2017-18)

Sl.No.	Description of work	No. of Blocks	Amount Rs in Lakhs
1	Admin Building	1	1033.48
2	Barracks for 360 person with separate kitchen & dinning for Men and Women.	1	1324.73
3	Bell of Arms	1	326.07
4	MT office shed	1	94.75
5	Work shop	1	184.83
6	Obstacles Course	L.S	30.00
7	Parade Ground	L.S	50.00
8	Road	L.S	30.00
9	External Electrical arrangements	L.S	15.00
10	External water supply arrangements	L.S	15.00
11	Boat Shed	L.S	25.00
12	Other development works	L.S	15.00
	Total		3143.86
	Say Rs.		31.44 Crores

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CE/INPHC
date 28/8/18

TAMIL NADU POLICE HOUSING CORPORATION LIMITED

Name of Work: Construction of Administrative Block for Disaster Response Force at TSP II BN Campus, Avadi in Chennai city.

Rough Cost Estimate (PWD Plinth area rates 2017-18)

①

Plinth Area

Ground Floor	822.60	Sqm
First Floor	822.60	Sqm
Second Floor	822.60	Sqm
Third Floor	822.60	Sqm
Four Floor	822.60	Sqm
Portico Area	94.21	Sqm
Total	4207.21	Sqm
Head room	39.19	Sqm
Total	4246.40	Sqm
	45286	Sqft

Sl.No	Description	Plinth Area	Rate	Per	Amount in Rs.
1	Foundation(Framed Structure)	822.60 ✓	4055.00 ✓	M ²	3335643.00
2	Additional Basement height 1.20 m (Every additional 0.3 m Rs 370)	822.60 ✓	1480.00 ✓	M ²	1217448.00
3	a) Super Structure in Ground floor	822.60 ✓	7965.00 ✓	M ²	6552009.00
5	b) Super Structure-First Floor	822.60 ✓	7993.00 ✓	M ²	6575041.80
6	c) Super Structure-Second Floor	822.60 ✓	8021.00 ✓	M ²	6598074.60
7	c) Super Structure-Third Floor	822.60 ✓	8049.00 ✓	M ²	6621107.40
8	c) Super Structure-Fourth Floor	822.60 ✓	8077.00 ✓	M ²	6644140.20
9	d) Portico (65% of super structure cost of non residential building)	47.10 ✓	5177.25 ✓	M ²	243848.48
10	Head room (65% of super structure cost of non residential building)	31.80 ✓	5268.25 ✓	M ²	167530.35
11	Additional roof (1m) height (Ground Floor up to Fourth floor)	4113.00 ✓	465.00 ✓	M ²	1912545.00
12	Roof Finishing	822.60 ✓	1305.00 ✓	M ²	1073493.00
13	For every additional floor over initial G+3 floors incase framed structure	822.60 ✓	515.00 ✓	M ²	423639.00
14	Antitermite Treatment	822.60 ✓	95.00 ✓	M ²	78147.00
15	Rajasthan kotta stone flooring	3290.40 ✓	980.00 ✓	M ²	3224592.00
16	Cement painting for inner surface	2056.50 ✓	465.00 ✓	M ²	956272.50
17	Emulsion paint for Outer surface	2056.50 ✓	630.00 ✓	M ²	1295595.00
18	Internal water supply arrangements	4113.00 ✓	415.00 ✓	M ²	1706895.00
19	Internal sanitary arrangements	4113.00 ✓	320.00 ✓	M ²	1316160.00
20	Internal Electrical arrangements	4113.00 ✓	700.00 ✓	M ²	2879100.00
21	UPVC window	4113.00 ✓	1500.00 ✓	M ²	6169500.00
22	Extra provision for TW door shutter, cupboard shutter, bathroom fittings, kitchen arrangements & electrical fittings	4113.00 ✓	1200.00 ✓	m2	4935600.00
23	Provision for LED light arrangement	4113.00 ✓	155.00 ✓	m2	637515.00
	Sub-Total-I				6453896.33
24	External water supply arrangements in GF & FF	1645.20 ✓	635.00 ✓	M ²	1044702.00

	External water supply arrangements in SF, TF & FF	1233.90 ✓	635.00 ✓	M ²	783526.50
25	External Sanitary arrangements in GF & FF	1645.20 ✓	200.00 ✓	M ²	329040.00
	External Sanitary arrangements in S.F, T.F & F.F	1233.90 ✓	200.00 ✓	M ²	780.00
26	External Electrical arrangements in GF & FF	1645.20 ✓	535.00 ✓	M ²	880182.00
	External Electrical arrangements in S.F, T.F & FF	493.56 ✓	535.00 ✓	M ²	264054.60
	Sub-Total-II				68112181.43
	Other Developments				
27	Basement Filling	825.13 ✓	450.00 ✓	M3	371308.50
28	Approach Road	500.00 ✓	671.00 ✓	M ²	335500.00
29	Pavement platform 1.20m width	162.37 ✓	965.00 ✓	Rmt	156687.05
30	Rainwater Harvesting	20.00 ✓	13020.00 ✓	Each	260400.00
31	Providing for working station arrangement	LS			800000.00
32	Provisions for ramp with handrail	LS			300000.00
33	Provisions for Drain	LS			100000.00
34	Provisions for main sewer arrangement	LS			350000.00
35	Provision for Borewell	2.00 ✓	125000.00 ✓	Each	250000.00
36	Provision for Sump	2.00 ✓	300000.00 ✓	Each	600000.00
37	Provision for Pumpset	4.00 ✓	100000.00 ✓	Each	400000.00
38	Provision for False Ceiling With Plain GYPsum Board & Arrangments	265.00 ✓	1150.00 ✓	M ²	304750.00
39	Lift Arrangements (10 persons capacity)	As per PWD plinth area rates 2017-18			1819000.00
40	For Lift Pit	As per PWD plinth area rates 2017-18			12840.00
41	Add extra Rs.50000/- per lift for earthing shaft, Machine Power Mains as per CEIG Norms				50000.00
42	Provision for Air Conditioner (AC) & Arrangments	LS			600000.00
43	Provision for Filling the low lying area	LS			150000.00
44	Fire fighting extinguishers	LS			200000.00
45	Soil investigation	As per PWD plinth area rates 2017-18			30650.00
46	Elevation at 1% of building cost	As per PWD plinth area rates 2017-18			645638.96
47	Provisions for Lawn at 3% of building cost	As per PWD plinth area rates 2017-18			1936916.89
	Sub-Total-III				77785872.83
48	Labour welfare fund @ 1%	As per PWD plinth area rates 2017-18			777858.73
49	Unforeseen items,Petty supervision and contingencies @ 2.5%	As per PWD plinth area rates 2017-18			1944646.82
50	Supervision charges @ 7.5%				5833940.46
51	Price adjustment Clause @ 5%	LS			3889293.64
	Sub-Total- V				90231612.48
	Provision for CMWSSB				
52	Payment to sewer connection	42.07 ✓	7500 ✓	unit	315525.00
53	Sewer connection and development charges	4207.21 ✓	50 ✓	Sq m	210360.50
54	Payment for Metro water connection	42.07 ✓	7500 ✓	unit	315525.00

55	Metro water connection and development charges	4207.21 ✓	50 ✓	Sq m	210360.50
56	Advance tax for Metro water & sewer Connection	1 ✓	3350 ✓	each	3350.00
57	Payment to EB service connection	2 ✓	7500 ✓	each	15000.00
58	Foundation stone laying & Inaugural function	As per PWD plinth area rates 2017-18			13000.00
59	Payment for the EB department for transformer, pillar box, armoured cable etc.,	L.S			200000.00
60	Advertisement charges	L.S			50000.00
61	Payment to planning permission	L.S			200000.00
62	Structural Design / Consultancy Charges	As per G.O.ms.No.181, Dt:16.05.2003			100000.00
Grand Total					91.864733.48
	For the year 2017-18	Say Rs.	918.65	Lakhs ✓	
	For the year 2018-19 (including 12.5% escalation) (918.65+114.83=1033.48)	Say Rs.	1033.48	Lakhs ✓	
	For the year 2019-20 (including 12.5% escalation) (1033.48+129.19=1162.67)	Say Rs.	1162.67	Lakhs ✓	

13/2/2018
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Spl. Gr. DO

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TAMIL NADU POLICE HOUSING CORPORATION LIMITED

CHENNAI DIVISION-II

Construction of Barracks(360 nos) for Disaster Response Force at TSP II BN Campus, Avadi in Chennai city.

Rough Cost Estimate (PWD Plinth area rates 2017-18)

Plinth Area

Ground Floor	1244.56	Sqm
First Floor	928.15	Sqm
Second Floor	928.15	Sqm
Third Floor	928.15	Sqm
Four Floor	928.15	Sqm
Total I	4957.16	Sqm
Head room	47.47	
Total II	5004.63	
	53359	Sqft

Sl.No	Description	Plinth Area	Rate	Per	Amount in Rs.
1	Foundation(Framed Structure)	1244.56	4055.00	M ²	50 46690.80
2	Additional Basement height 1.20 m (Every additional 0.3 m Rs 370)	1244.56	1480.00	M ²	18 41948.80
3	Super Structure with Earth quake Resistant				0.00
	a) Ground floor	1244.56	7965.00	M ²	99 12920.40
	b) First floor	928.15	7993.00	M ²	74 18702.95
	c)Second Floor	928.15	8021.00	M ²	74 44691.15
	d)Third Floor	928.15	8049.00	M ²	74 70679.35
	e)Four Floor	928.15	8077.00	M ²	74 96667.55
4	Head room(65% of super structure cost of non residential building)	47.47	5268.25	M ²	2 50083.83
5	Additional 1m height(For 4 floors)	4957.16	465.00	M ²	23 05079.40
6	Roof Finishing	1244.56	1305.00	M ²	16 24150.80
7	Antitermite Treatment	1244.56	95.00	M ²	11 8233.20
8	Vertifies Tiles (not less than 600x 600x 8mm size)@ 80% on P.A	3965.73	1310.00	M ²	51 91106.30
9	Cement painting for inner & outer surface	2478.58	465.00	M ²	11 51539.70
10	Emulsion paint for Inner surface	2478.58	630.00	M ²	15 61505.40
11	UPVC window	4957.16	1500.00	M ²	74 35740.00
12	a)Internal water supply arrangements	4957.16	415.00	M ²	20 51221.40
	b)Internal sanitary arrangements	4957.16	320.00	M ²	15 86291.20

	c)Internal Electrical arrangements	4957.16	700.00	M ²	3470012.00
13	Extra provision for, T.W door shutter, bathroom fittings & electrical fittings	4957.16	1200.00	M ²	594592.00
14	Provision for LED light arrangement	4957.16	155.00	M ²	768359.80
	Sub-Total-I				80105216.03
15	a)External water supply arrangements in Ground floor + First floor	2172.71	635.00	M ²	1379670.85
	b)External water supply arrangements in S.F + T.F + F.F	1392.23	635.00	M ²	884066.05
16	a)External Sanitary arrangements in GF + F.F	2172.71	200.00	M ²	434542.00
	b)External Sanitary arrangements in S.F + T.F+ F.F	1392.23	200.00	M ²	278446.00
17	a)External Electrical arrangements in GF + F.F	2172.71	535.00	M ²	1162399.85
	b)External Electrical arrangements in S.F + T.F+ F.F	556.89	535.00	M ²	297936.15
18	Basement Filling	LS			500000.00
19	Approach Road	600.00	671.00	M ²	402600.00
20	Pavement platform 1.20m width	184.79	965.00	Rmt	178322.35
21	Rainwater Harvesting	36.00	13020.00	Each	468720.00
22	Provision for Borewell	5.00	200000.00	Each	1000000.00
23	Provision for Sump	3.00	400000.00	Each	1200000.00
24	Provision for Pumpset	8.00	50000.00	Each	400000.00
25	Plat form bath tub with compond wall in open space for emergency bathing	LS			500000.00
26	5 Amps power plug for individual person for the uses of cell phone charging ect.,	360	160	Each	57600.00
27	Cup board with wardrobes for individual for for including with locking arrangement	360	2500	Each	900000.00
28	Aqua provision for Drinking water for each floor	8	50000	Each	400000.00
29	Provision for Filling the low lying area	LS			500000.00
30	Special RCC over head tank in open terrace. since it is barracks.	2	250000	Each	500000.00
31	Providing for Kitchen vessels, Fridge, Grinder & RO Treatment System	10	80000	Each	800000.00
32	Providing for Dinning table Arrangements	360	2500	Each	900000.00
33	Providing for 250 Amps Pannel Boad	1	250000	Each	250000.00

34	Providing for Cot with Mats Arrangements	360 ✓	5000 ✓	Each	1800000.00
35	Provisions for Drain	1 ✓	500000 ✓	Each	500000.00
36	Provisions for Septic tank	4 ✓	250000 ✓	Each	1000000.00
37	Soil investigation	As per PWD plinth area rates 2017-18			30650.00
38	Elevation at 1% of building cost	As per PWD plinth area rates 2017-18			801052.16
39	Provisions for Lawn at 3% of building cost	As per PWD plinth area rates 2017-18			2403156.48
Sub-Total-II					100034377.92
40	Labour charges fund @ 1%	As per PWD plinth area rates 2017-18			1000343.78
41	Unforeseen items, Petty supervision and contingencies @ 2.5%	As per PWD plinth area rates 2017-18			2500859.45
42	Supervision charges @ 7.5%				7502578.34
43	Price adjustment Clause @ 5%	L.S			5001718.90
Sub-Total-IV					116039878.39
44	Foundation stone laying & Inaugural function	As per PWD plinth area rates 2017-18			13000.00
45	Advertisement Charges	L.S			100000.00
46	Payment to sewer connection	24.79 ✓	7500 ✓	unit	185925.00
47	Sewer connection and development charges	4957.16 ✓	50 ✓	Sq m	247858.00
48	Payment for Metro water connection	24.79 ✓	7500 ✓	unit	185925.00
49	Metro water connection and development charges	4957.16 ✓	50 ✓	Sq m	247858.00
50	Advance tax for Metro water & sewer Connection	1 ✓	3350 ✓	each	3350.00
51	Payment to EB service connection	4 ✓	7500 ✓	each	30000.00
52	Payment for the EB department for transformer, pillar box, armoured cable etc.,	L.S			500000.00
53	Payment for local body and plan approval	L.S			100000.00
54	Structural Design & consultancy charges	As per GO MS no 181, Dt:16.05.2003			100000.00
Total					117753794.39
	For the year 2017-18	Say Rs.	1177.54	Lakhs ✓	
	For the year 2018-19 (including 12.5% escalation) (1177.54+147.19=1324.73)	Say Rs.	1324.73	Lakhs ✓	
	For the year 2019-20 (including 12.5% escalation) (1324.73+165.59=1490.32)	Say Rs.	1490.32	Lakhs ✓	

13/2/2019
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TAMIL NADU POLICE HOUSING CORPORATION LIMITED

CHENNAI DIVISION-II

Name of Work: Construction of Bell of Arms for Disaster Response Force at TSP II BN Campus, Avadi in chennai city.

Rough Cost Estimate (PWD Plinth area rates 2017-18)

Plinth Area

Ground Floor	711.51	Sqm
Corridor Area	180.00	Sqm
Total	891.51	Sqm
Gas	41.70	
	933.21	
	9596	Sqft

Sl.No	Description	Plinth Area	Rate	Per	Amount in Rs.
1	Foundation(Framed Structure)	933.21	4055.00	M ²	3784166.55
2	Additional Basement height 1.20 m (Every additional 0.3 m Rs370)	933.21	1480.00	M ²	1381150.80
	Super Structure				0.00
3	a) Super Structure-Ground floor with including gas area	753.21	7965.00	M ²	5999317.65
	Corridor Area (65% of super structure cost of non-residential building)	180.00	5177.25	M ²	931905.00
	Head room(65% of super structure cost of non residential building)	21.18	5195.45	M ²	110039.63
	b)Additional 1m height	933.21	465.00	M ²	433942.65
4	Roof Finishing	933.21	1305.00	M ²	1217839.05
5	Antitermite Treatment	933.21	95.00	M ²	88654.95
6	Rajasthan kotta stone flooring @ 80% on P.A	602.57	980.00	M ²	590518.60
7	Cement painting for inner	376.61	465.00	M ²	175123.65
8	Emulsion paint for Outer surface	376.61	630.00	M ²	237264.30
9	a)Internal water supply arrangements	891.51	415.00	M ²	369976.65
	b)Internal sanitary arrangements	891.51	320.00	M ²	285283.20
	c)Internal Electrical arrangements	891.51	700.00	M ²	624057.00
10	Extra provision for Arms and ammunition wooden locking arrangements	891.51	1200.00	M ²	1069812.00
11	Provision for LED light arrangement	891.51	155.00	M ²	138184.05
	Sub-Total-I				17437235.73
12	a)External water supply arrangements in GF	891.51	635.00	M ²	566108.85
	b)External Sanitary arrangements in GF	891.51	200.00	M ²	178302.00

	c)External Electrical arrangements in GF	891.51	535.00	M ²	476957.85
	Sub-Total-II				18658604.43
	Other Developments				
13	Basement Filling	933.21	450.00	M ²	419944.50
14	Approach Road	1700.00	671.00	M ²	1140700.00
15	Pavement platform 1.20m width	75.00	965.00	Rmt	72375.00
16	Rainwater Harvesting	18.00	13020.00	Each	234360.00
17	Provision for Borewell	1.00	350000.00	Each	350000.00
18	Provision for Sump	1.00	500000.00	Each	500000.00
19	Provision for Pumpset	2.00	50000.00	Each	100000.00
20	Providing for watch tower and security access	L.S			1000000.00
21	Provisions for Drain	L.S			100000.00
22	Provisions for Septic tank	L.S			150000.00
23	Provision for Filling the low lying area	L.S			300000.00
24	Fire fighting extinguishers	L.S			100000.00
25	Provision for Special Lighting and syran arrangments	L.S			100000.00
26	Provision for wall clading with wire for room ammunition arms	L.S			500000.00
27	Soil investigation	As per PWD plinth area rates 2016-17			30650.00
28	Elevation at 1% of building cost	As per PWD plinth area rates 2016-17			174372.36
29	Provisions for Lawn at 3% of building cost	As per PWD plinth area rates 2016-17			523117.07
	Sub-Total-III				24454123.36
30	Labour welfare fund @ 1%	As per PWD plinth area rates 2017-18			244541.23
31	Unforeseen items,Petty supervision and contingencies @ 2.5%	As per PWD plinth area rates 2017-18			611353.08
32	Supervision charges @ 7.5%				1834059.25
33	Price adjustment Clause @ 5%	L.S			122706.17
	Sub-Total-IV				28366783.10
34	Foundation stone laying & Inaugural function	As per PWD plinth area rates 2017-18			13000.00
	Sub-Total-III				28379783.10
	Provision for CMWSSB				
35	Payment to sewer connection	10.00	7500	unit	75000.00
36	Sewer connection and development charges	933.21	50	Sq m	46660.50

37	Payment for Metro water connection	10.00	7500	unit	75000.00
38	Metro water connection and development charges	933.21	50	Sq m	46660.50
39	Advance tax for Metro water & sewer Connection	1	3350	each	3350.00
40	Payment to EB service connection	1	7500	each	7500.00
41	Payment for the EB department for transformer, pillar box, armoured cable etc.,	L.S			100000.00
42	Advertisement charges	L.S			50000.00
43	Payment to planning permission	L.S			100000.00
44	Structural Design / Consultancy Charges	As per G.O.ms.No.181, Dt:16.05.2003			100000.00
GRAND TOTAL					28983954.10
	For the year 2017-18	Say Rs.	289.84	Lakhs	
	For the year 2018-19 (including 12.5% escalation) (289.84+36.23=326.07)	Say Rs.	326.07	Lakhs	
	For the year 2019-20 (including 12.5% escalation) (326.07+40.76=366.83)	Say Rs.	366.83	Lakhs	

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TAMIL NADU POLICE HOUSING CORPORATION LTD

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CHENNAI DIVISION II

Name of Work: Construction of MT Office for Disaster Response Force at TSP II BN Campus, Avadi in chennai city.

Rough Cost Estimate

Rate adopted for the year 2017 - 2018		Ground Floor			249.70
		Total plinth area			249.70
					26 87.7708
Sl. No.	Description	Plinth Area	Rate Rs.	UNIT	Amount Rs.
1	Foundation(Framed)	249.70 ✓	4055.00 ✓	sqm	1012533.50
2	Additional basement 1.2 m height(370*4)	249.70 ✓	1480.00 ✓	sqm	369556.00
Super structure					0.00
3	Ground Floor	249.70 ✓	7965.00 ✓	sqm	1988860.50
4	Additional 1m height	249.70 ✓	465.00 ✓	sqm	116110.50
5	Dummy Columns	249.70 ✓	295.00 ✓	sqm	73661.50
6	Roof Finishing	249.70 ✓	1305.00 ✓	sqm	325858.50
7	Antitermite treatment	249.70 ✓	95.00 ✓	sqm	23721.50
8	Cement Paint for Internal Surface	124.85 ✓	465.00 ✓	sqm	58055.25
9	Emulsion paint for External surfaces	124.85 ✓	630.00 ✓	sqm	78655.50
10	a)Internal water supply arrangements	249.70 ✓	415.00 ✓	sqm	103625.50
	b)Internal sanitary arrangements	249.70 ✓	320.00 ✓	sqm	79904.00
	c) Internal electrical arrangements	249.70 ✓	700.00 ✓	sqm	174790.00
11	Extra provision for Arms and ammunition wooden locking arrangements	249.70 ✓	1200 ✓	sqm	299640.00
12	Provision for LED light arrangement	249.70 ✓	155 ✓	sqm	38703.50
Sub - Total- I					4743675.75
13	a) External water supply arrangements	249.70 ✓	635.00 ✓	sqm	158559.50
	b) External sanitary arrangements	249.70 ✓	200.00 ✓	sqm	49940.00
	c) External electrical arrangements	249.70 ✓	535.00 ✓	sqm	133589.50
14	Provision for Plinth protection	45.00 ✓	965.00 ✓	RMT	43425.00
15	Rainwater harvesting	8.00 ✓	13020.00 ✓	Nos	104160.00
16	Soil Investigation charges	1.00 ✓	30650.00 ✓	Nos	30650.00
17	Provision for vehicular service Ramp	1.00 ✓	500000.00 ✓	Nos	500000.00
18	Provision for septick tank	1.00 ✓	200000.00 ✓	Nos	200000.00
19	Provision for sump	1.00 ✓	250000.00 ✓	Nos	250000.00
20	Provision for Borewell	1.00 ✓	200000.00 ✓	Nos	200000.00
21	Provision for Drain	1.00 ✓	50000.00 ✓	Nos	50000.00

S/N O	Description	Plinth Area	Rate Rs.	UNIT	Am ount Rs.
22	Provision for hydraulic lift for vehicle service	LS			450000.00
23	Provision for water service motor	LS			30110.00
24	Elevation at 1% of building cost ✓	As per PWD Norms			47436.76
25	Provisions for Lawn at 3% of building cost✓	As per PWD Norms			142310.27
Sub - Total- II					7403746.78
26	Labour welfare fund @ 1.0% ✓	As per PWD Norms			74037.47
27	Unforeseen items, Contingencies & Petty Supervision Charges @ 2.50 % ✓	As per PWD Norms			185093.67
28	Supervision Charges @ 7.50 % ✓	As per PWD Norms			555281.01
Sub - Total- IV					8218158.93
29	Cost of Foundation stone laying & Inaugral function				13000.00
30	Payment to Metro water connection	1	7500	unit	7500.00
31	Advance tax for Metro water & sewer Connection	1	3350	each	3350.00
32	Payment to EB service connection	1	7500	each	7500.00
33	EB Cable and development charges				50000.00
34	Advertisement charges				8000.00
35	Payment to othe local body & CMDA etc.,				20000.00
36	Structural Design / Consultancy Charges	As per G.O.ms.No.181, Dt:16.05.2003			94873.52
Grand Total					8422382.44
For the year 2017-18		Say Rs.	84.22	Lakhs ✓	
For the year 2018-19 (including 12.5% escalation) (84.22+10.53=94.75)		Say Rs.	94.75	Lakhs ✓	
For the year 2019-20 (including 12.5% escalation) (94.75+11.84=106.59)		Say Rs.	106.59	Lakhs ✓	

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CHENNAI DIVISION II

Name of Work: Construction of work shop for Disaster Response Force at TSP II BN Campus, A vadi in chennai city.

Rough Cost Estimate

Rate adopted for the year 2017 - 2018	Ground Floor	442.75
		442.75
	Head room	21.74
	Total Plinth area	464.49

SIN O	Description	Plinth Area	Rate Rs.	UNIT	Amount Rs.
1	Foundation (Framed)	442.75	4055.00	sqm	1795351.25
2	Additional basement 1.2 m height(370*4)	442.75	1480.00	sqm	655270.00
	Super structure				0.00
3	Ground Floor	442.75	7965.00	sqm	3526503.75
4	Additional 1m height	442.75	465.00	sqm	205878.75
5	Dummy Columns	442.75	295.00	sqm	130611.25
6	Roof Finishing	442.75	1305.00	sqm	577788.75
7	Antitermite treatment	442.75	95.00	sqm	42061.25
8	Cement Paint for Internal Surface	221.38	465.00	sqm	102941.70
9	Emulsion paint for External surfaces	221.38	630.00	sqm	139469.40
10	a) Internal water supply arrangements	442.75	415.00	sqm	183741.25
	b) Internal sanitary arrangements	442.75	320.00	sqm	141680.00
	c) Internal electrical arrangements	442.75	700.00	sqm	309925.00
11	Extra provision for TW door shutter, cupboard shutter, bathroom fittings, kitchen arrangements & electrical fittings	442.75	1200.00	sqm	531300.00
12	Provision for LED light arrangement	442.75	155.00	sqm	68626.25
	Sub - Total- I				8411148.60
13	a) External water supply arrangements	442.75	635.00	sqm	281146.25
	b) External sanitary arrangements	442.75	200.00	sqm	88550.00
	c) External electrical arrangements	442.75	535.00	sqm	236871.25
14	Provision for Plinth protection	45.00	965.00	RMT	43425.00
15	Rainwater harvesting	8.00	13020.00	Nos	104160.00
16	Soil Investigation charges	1.00	30650.00	Nos	30650.00
17	Provision for vehical service Ramp	1.00	500000.00	Nos	500000.00
18	Provision for septick tank	1.00	200000.00		200000.00

S.N O	Description	Plinth Area	Rate Rs.	UNIT	Amount Rs.
19	Provision for sump	1.00	250000.00		250000.00
20	Provision for Borewell	1.00	200000.00		200000.00
21	Provision for Drain	1.00	50000.00		50000.00
22	Provision for hydraulic lift for vehicle service		LS		450000.00
23	Provision for MT Vehicle Parking Shed		LS		2500000.00
24	Provision for water service motor arrangement		LS		300000.00
25	Elevation at 1% of building cost		As per PWD Norms		84111.49
26	Provisions for Lawn at 3% of building cost		As per PWD Norms		252334.46
			Sub - Total- II		13982397.04
27	Labour welfare fund @ 1.0%		As per PWD Norms		139823.97
28	Unforeseen items, Contingencies & Petty Supervision Charges @ 2.50 %		As per PWD Norms		349559.93
29	Supervision Charges @ 7.50 %				1048679.78
30	Price adjustment clause @ 5%		As per PWD Norms		699119.85
			Sub - Total- IV		16219580.57
31	Cost of Foundation stone laying & Inaugural function				13000.00
32	Payment to Metro water connection	1	7500	unit	7500.00
33	Advance tax for Metro water & sewer Connection	1	3350	each	3350.00
34	Payment to EB service connection	1	7500	each	7500.00
35	EB Cable and development charges				50000.00
36	Advertisement charges				8000.00
37	Payment to othe local body & CMDA etc.,				20000.00
38	Structural Design / Consultancy Charges		As per G.O.ms.No.181, Dt:16.05.2003		100000.00
			Grand Total		16428930.57
	For the year 2017-18	Say Rs.	164.29		Lakhs
	For the year 2018-19 (including 12.5% escalation) (164.29+20.54=184.83)	Say Rs.	184.83		Lakhs
	For the year 2019-20 (including 12.5% escalation) (184.83+23.10=207.93)	Say Rs.	207.93		Lakhs

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