

Name of work: Construction of Fire and Rescue Service Station building at Rajapalayam in Virudhunagar district

RATE 2019 - 2020

Plinth Area

Ground Floor office

Carage roof

Total

178.55 Sqm

362.93 Sqm

541.48 Sqm

Rough Cost Estimate

S.No	DESCRIPTION OF ITEMS	Plinth Area (m2)	RATE	PER	AMOUNT
1	Foundation	541.48	4330.00	m2	2344608.40
2	For Foundation basement height 0.60m	541.48	852.00	m2	461340.96
3	For Additional foundation depth 0.30m	541.48	270.00	m2	146199.60
4	Super Structure				
	a. Ground floor office, class room cum recreation work room, rest room & store room	178.55	8330.00	m2	1487321.50
	b. Ground floor Garage (65% of super structure cost of non residential area) (541.48-178.55)	362.93	5414.50	m2	1965084.49
5	Roof				
	Provision for additional roof height 4.60m (Garage) 3.30m to 5.50m height (2.20 x 520)	367.50	1144.00	m2	420420.00
6	Roof finishing	541.48	1385.00	m2	749949.80
7	Provision for dummy column	541.48	331.00	m2	179229.88
8	Antitermite treatment	541.48	109.00	m2	59021.32
9	Verified tiles	139.10	1435	m2	158574.00
10	Cement painting / OBD	270.74	520.00	m2	140784.80
11	Provision for plastic Emulsion paint	270.74	630.00	m2	170566.20
12	a) Internal water supply arrangements	541.48	460.00	m2	249080.80
13	b) Internal sanitary arrangements	541.48	350.00	m2	189518.00
14	c) Internal Electrical arrangements	541.48	785.00	m2	425061.80
15	Extra provision for TW door shutter, cupboard shutter, bath room fittings etc..	541.48	1400	m2	649776.00
16	Additional extra provision for LED lights arrangement and power plug	541.48	168.00	m2	90968.64
	Sub Total - I				9887506.19
17	a) External water supply arrangements (GF)	541.48	700.00	m2	379036.00
18	b) External sanitary arrangements (GF)	541.48	220.00	m2	119125.60
19	c) External Electrical arrangements (GF)	541.48	600.00	m2	324888.00
20	Pavement platform all - round the building (1.20m width)	113.20	1050.00	Rmt	118860.00
21	Rain water harvesting	8.00	14205.00	Each	113640.00
22	Approach Road	300.00	729.00	m2	218700.00
23	Provision for compound wall	346.40	2125.00	Rmt	736100.00
	Provision for drying yard and Hose rack arrangements (35m x 20m)				
24	(as per separate estimate attached)	1.00	303177.98	Each	303177.98
	Provision for Filling low lying area				
25	(as per separate estimate attached)	1329.77	430.21	Each	572080.35
	Provision for Borewell and pumpset				
26	(as per separate estimate)	1.00	280165.57	Each	280165.57
	Provision for centry box with 50mm GI pipe				
27	(as per separate estimate attached)	5.00	216183.48	Each	1080527.90
	Provision for 5000 lit pvc water tank arrangements				
28		6.00	41000.00	Each	246000.00
29	Provision for photographic charges		L.S		100000.00
30	Provision for UG cable arrangements for three phase EB connection		L.S		100000.00

199608.50

758012.00

10036836.60

31	Provision for Drinking water supply arrangement	L.S	200000.00	
32	Provision for Ramp	L.S	300000.00	
33	Provision for steel ladder	L.S	200000.00	
34	Soil investigation charges	As per PWD norms	31260.00	
35	Elevation @ 1% of building cost	As per PWD norms	98875.06	100368
36	Provision for lawn @ 3% building cost	As per PWD norms	296625.19	301105
	Sub Total - II		15706507.70	1596113
	ADD CGST @ 6%		942390.46	95766
	ADD SGST @ 6%		942390.46	95766
	Sub Total - III		17591288.62	178764
36	Labour welfare fund at 1%		175912.89	178764
37	Unforeseen items, contingencies and P.S. charges at 2.50%		439782.22	446911.81
38	Supervision charges at 7.5%		1319346.65	1340735
39	Price Adjustment clause at 5%	As per PWD norms	879564.43	893823
	Sub Total - III		20405894.81	2073670
40	Cost of foundation stone laying & inaugural function		13000.00	
41	Advertisement charges	As per PWD norms	13000.00	
42	Provision for EB deposit	L.S	100000.00	100000
43	Planning permission	L.S	100000.00	
44	Structural design and consultancy charges	L.S	100000.00	
	Grand Total		20818894.81	21149708
	Say		208.19 Lakhs	211.50

M.M. 15/7/19
JECIL

15/7/19
KRE

15/7/19

மாவட்ட இயக்குநர்,
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01/08/19

EXECUTIVE ENGINEER
TAMILNADU POLICE HOUSING CORPORATION LTD
TIRUNELVELI DIVISION
TIRUNELVELI - 627-002

01/8/19