



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



Lr. No. CE / PLG / 888 Qtrs/2020

Dated: 05.06.2023

To

The Director General of Police,
Head of Police Force,
Tamil Nadu,
Chennai – 600 004.

Sir,

Sub: TNPHC – TNPHC Ltd., -Budget announcement made by the Hon'ble Chief Minister of Tamil Nadu during the Police Demand held on 20.04.2023 & 21.04.2023 - Construction of Deputy Superintendent of Police camp office cum residence with development works at Cuddalore new town in Cuddalore District – Detailed Estimate Sent-Administrative approval & Financial sanction - Requested- Regarding.

Ref: 1. The Budget Announcement 2023-24 on 20.04.2023 & 21.04.2023.
2. The DGP/HoPF, TN, CH, Memorandum C.No.02939-5/Bldg I (3)/2023, Dt:26.04.2023 addressed to the SP/ Cuddalore District.
3. The superintendent of Police/Cuddalore District, C. No. R2/4664042/2023 Dt: 17.05.2023 Letter addressed to the DGP/HoPF, TN, Ch-4.

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The construction of DSP camp office cum Residence building at Thiruppapuliur in Cuddalore District to a value of ₹ **186.49 crores** comes under announcement of the Hon'ble Chief Minister of Tamil Nadu announcement no.41 as cited in the reference 1st.

2. Based on the Budget Announcement 2023-24, the DGP/HoPF has requested to furnish the detailed estimate proposal vide in the reference 2nd cited.

3. Now, the Superintendent of Police/Cuddalore District vide ref. 3rd cited has addressed the chief office with a request to change the site for the construction of DSP Camp Office cum

residence at Cuddalore New Town in Cuddalore District instead of Thirupapuliyur in Cuddalore District by stating the following reasons:

- The Sub – Divisional Camp Office is temporarily functioning in the Cuddalore Traffic Police station building which is situated in the premises of Cuddalore New Town Police Station campus.
- As the DSP camp office cum residence is to be situated at the heart of the Town for easy access of the public to redress their grievances and to attend the law & order problem then and there by the DSP.
- Hence, a vacant place has been identified within Cuddalore New Town Police Station Campus having survey No. 189/1 with an extent of 21 cents instead of Survey No. 1764/1A to an extent of land 15.00 cents at Thirupapuliyur in Cuddalore District vide reference 3rd cited.

4. Accordingly, the detailed estimate for Construction of Deputy Superintendent of Police camp office cum residence with development works at Cuddalore new town in Cuddalore District is prepared adopting PWD schedule of rates for the year 2023-24, and TWAD schedule of rates for the year of 2022-2023 including all over head charges. Necessary Type design and tentative layout are enclosed herewith.

Name of Work	Amount ₹in lakhs	Remarks
Construction of Deputy Superintendent of Police camp office cum residence with development works at Cuddalore new town in Cuddalore District	186.49	<ul style="list-style-type: none">➤ The land is identified in S.No. 189/1, with an extent of 21 cents, Cuddalore New Town, Cuddalore District.➤ The land belongs to Police Department.➤ The land is feasible for construction DSP Camp office cum Residence.

5. It is therefore requested that necessary Administrative approval and financial sanction may be obtained from the competent authority and communicated to us to proceed further in this regard.

Encl: As stated.

Yours faithfully,

Shobha
Chief Engineer

05/06/23

<u>GENERAL ABSTRACT</u>					
Name of Work: Construction of DSP camp office cum Residence with development works at Cuddalore New town in Cuddalore District					
Sl.No.	Qty	Description	Rate	Unit	Amount
		BUILDING WORKS	AS PER PWD SR 2023-2024		
1	1.00	Main Building	9751661.78		9751661.78
		SUB - TOTAL - I Rs.			9751661.78
2	1.00	OHT	251171.47		251171.47
3	1.00	Cement Concrete road	810778.25		810778.25
4	1.00	Plinth protection	109752.64		109752.64
5	1.00	Compound wall	785559.13		785559.13
6	1.00	Sullage & Strom water drain	116615.25		116615.25
7	1.00	UG Sump	266169.59		266169.59
8	1.00	External electrical arrangements	115540.92		115540.92
9	1.00	External water supply arrangements	158528.51		158528.51
10	1.00	Numbering lettering,Cupboard & Additional amenities arrangements	658088.28		658088.28
11	1.00	Genset & Shed arrangements	830163.91		830163.91
12	1.00	Culvert	161914.30		161914.30
		SUB - TOTAL - I Rs.			14015944.03
13	1.00	Provision for Soil investigation	LS		37500.00
14	1.00	Internal arrangements for Underground sewage system for connecting the sewer	LS		265000.00
15	1.00	Drinking water supply arrangements with storage sump	LS		200000.00
		SUB - TOTAL - II Rs.			14518444.03
16		GST at 18.0%			2613319.93
		SUB - TOTAL - III Rs.			17131763.96

Sl.No.	Qty	Description	Rate	Unit	Amount
17		Labour Welfare fund @ 1.00%	As pr PWD Norms		145184.44
18		unforeseen, Contingencies & PS charges @ 1%			146129.40
19		Supervision Charges @ 5%	"		725922.20
		SUB - TOTAL - IV Rs.			18149000.00
20		Advertisement charges	LS		100000.00
21		EB Deposit	LS		200000.00
22		Provision for planning permission & payment to other department	LS		100000.00
23		Structural Design / Consultancy charges	LS		100000.00
		GRAND TOTAL Rs.			18649000.00

SAY 18649000.00

Chief Engineer

05.06.23

Name of Work: Construction of DSP camp office cum Residence with development works at Cuddalore New town in Cuddalore District

Abstract Estimate

S.No.	Qty.	Description	Rate	Unit	Amount
1		Earth work excavation for foundation in all soils and sub soils to the required depth as may be directed except in hard rock requiring blasting but inclusive of shoring, strutting and bailing out water wherever necessary and refilling the sides of foundation with excavated earth in 150mm thick layers well watered rammed and consolidated and depositing the surplus earth in places shown clearing and levelling the site with an initial lead of 10 metres and lift as specified here under etc., complete in all respects complying with relevant standard			
	237.70	a. 0 to 2 mt.	237.08	Cum.	56353.92
2		Earth work excavation for Open Foundation in all soils and sub soils to the required depth as may be directed except in hard rock requiring blasting, inclusive of shoring, strutting and bailing out water wherever necessary (Excluding refilling the sides of foundation) and depositing the earth in places shown clearing and levelling the site with an initial lead of 10 metres and lift as specified hereunder etc., complete in all respects complying with relevant standard specifications. (Excluding Refilling)			
	198.90	a. 0 to 2 mt.	112.05	Cum.	22286.75
3		Earth work excavation for Open foundation for drains (excluding refilling) width upto 1.25 m			
	18.00	a. 0 to 2 mt.	168.08		3025.44
4	130.21	Supplying and filling in foundation and basement with filling CS sand in layers of 150mm thickness well watered, rammed and consolidated complying with relevant standard specification including cost of supplying filling CS sand	1880.30	Cum.	244833.86
5	115.99	Plain Cement Concrete 1:5:10 (One of cement, five of sand and ten of hard broken stone jelly) for foundation using 40mm gauge hard broken stone jelly inclusive of shoring, strutting and bailing out water wherever necessary ramming, curing etc., complete in all respects complying with relevant standard specifications and as directed by the departmental officers.	5158.81	Cum.	598370.37
6	36.36	Plain Cement Concrete 1:2:4 (One of cement, two of sand and four of hard broken stone jelly) using 20mm gauge hard broken stone jelly excluding shuttering and centering but including laying, curing and finishing with relevant standard specifications in foundation and basement and other similar works & as directed by the departmental officers.	6710.27	Cum.	243985.42
7	57.75	Brick work in CM 1:5 (One of Cement and five of crushed stone sand with admixture) using fly ash bricks of size 230 x 110 x 70mm having the compressive strength of not less than 100 Kg/cm ² in foundation and basement including dewatering wherever necessary proper setting, curing etc., all complete with relevant standard specifications in Foundation & basement.	7053.64	Cum.	407347.71
8	34.07	Supplying and fixing of 20mm thick bituminous expansion joint filler pad of approved quality and make inclusive of conveyance charges, cutting the pad to the required size, cost of materials and labour charges for fixing in position wherever necessary for all floors etc., complete and as directed by the departmental officers	719.00	Sqm.	24496.33

S.No.	Qty.	Description	Rate	Unit	Amount
9		Brick work in CM 1:6 (One of Cement and six of crushed stone sand with admixture) using fly ash bricks of size 230 x 110 x 70mm having the compressive strength of not less than 100 Kg/cm ² for superstructure in the following floors including labour charges for fixing the doors, windows and ventilator frames in position, fixing of hold fasts, scaffolding, curing etc., all complete with relevant standard specifications and drawings.			
	44.13	a. In Ground Floor	7060.05	Cum.	311560.01
	43.60	b. In First Floor	7219.25	Cum.	314759.30
	18.20	c. In Second Floor	7378.45	Cum.	134287.79
10		Brick partition wall in CM 1:4 (One of Cement and four of crushed stone sand with admixture) 110mm thick for super structure using fly ash bricks of size 230 x 110 x 70mm having the compressive strength of not less than 100 Kg/cm ² for superstructure in the following floors including scaffolding, curing etc., all complete with relevant standard specifications			
	46.75	a. In Foundation and basement	887.76	Sqm.	41502.78
	182.78	b. In Ground Floor	896.44	Sqm.	163851.30
	107.50	c. In First Floor	913.95	Sqm.	98249.63
	7.40	d. In Second Floor	931.46	Sqm.	6892.80
11		Brick partition wall in CM 1:4 (One of Cement and four of crushed stone sand with admixture) 70mm thick for super structure using fly ash bricks of size 230 x 110 x 70mm having the compressive strength of not less than 100 Kg/cm ² for superstructure in the following floors including scaffolding, curing etc., all complete with relevant standard specifications			
	12.30	a. In Ground Floor	606.79	Sqm.	7463.52
	13.40	b. In First Floor	617.93	Sqm.	8280.26
	0.00	c. In Second Floor	629.07	Sqm.	0.00
12	50.40	Filling in foundation and basement and other similar works with Excavated earth in layers of 150mm thick well watered rammed and consolidated complying with relevant standard specifications etc., all complete and as directed by the departmental officers.	38.95	Cum.	1963.08
13		Supplying and fixing of Teak Wood wrought and put up for frames of doors, windows, ventilators, cupboard and any other similar joinery works with necessary plugs, rebates for shutters, plaster grooves on all faces etc. , including labour charges for fixing hold fasts. complying with relevant standard specifications			
	0.505	a. T.W. over 2 m & below 3 m	125290.00	Cum.	63271.45
	0.284	b. T.W. below 2 m length.	113090.00	Cum.	32117.56
14	14.000	S&F of Magnetic door catches	52.00	NO	728.00
15	84.00	Supplying of Mild steel hold fasts horizontally twisted of size 230x40x4mm with pair of suiteable iron screws.	9.60	Each	806.40

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	Qty.	Description	Rate	Unit	Amount
16	13.70	Flooring with a bed Cement concrete 1:5:10 (one of cement, five of sand and ten of hard broken stone jelly) using 40mm size hard broken stone jelly and top left rough to receive the floor finish with required slopes including ramming, curing etc., all complete complying with relevant standard specifications.	5158.81	Cum.	70675.70
17	34.48	Plastering the top flooring in CM 1:4 (One of cement and four of sand) 20mm thick including surface rendered smooth including providing proper slopes, thread lining, curing and 150mm wide skirting alround with the same cement mortar etc., complete in all respects.	514.71	Sqm.	17747.20
18	22.01	Finishing the top of flooring with cement concrete 1:3 (one of cement and three of blue granite chips of size 10mm and below) 20mm thick Ellispattern Flooring (No sand) and surface rendered smooth including 50mm wide skirting, providing proper slopes, thread lining, curing etc., complete in all floors complying with relevant specifications.	452.61	Sqm.	9961.95
19	16.60	Weathering course with concrete broken brick jelly 20mm gauge in pure burnt lime stone slaked and screened (No sand) over RCC roof slab with proportion of brick jelly to lime (fat lime) being 32:12 1/2 by volume well beaten with wooden beaters for giving the required slope and thickness complying with relevant standard specification and as directed by the departmental	3696.96	Cum.	61369.54
20	210.20	Finishing top of roof with one course of Hydraulic Pressed Tiles of approved superior quality of size 23cmx 23cmx20mm thick laid over weathering course in cm 1:3 (One of cement and three of sand) 12mm thick mixed with Water proofing compound at 2% by weight of cement used and pointed neatly with the same cement mortar mixed with water proofing compound including curing etc., as per standard specifications. (The quality of tiles shall be got approved from the EE before use)	1194.28	Sqm.	251037.66
21	2221.58	Plastering with CM 1:5 (One of cement and five of sand) 12mm thick finishd with neat cement including providing band cornice, ceiling cornice, curing scaffolding etc., complete in all repects and complying with relevant standard specifications.	253.50	Sqm.	563170.53
22	85.90	Plastering with CM 1:4 (One of cement and four of sand) 12mm thick finishd with neat cement including providing band cornice, ceiling cornice, curing scaffolding etc., complete in all repects and complying with relevant standard specifications.	259.59	Sqm.	22298.78
23	395.20	Special Ceiling plastering in cement mortar 1:3 (one of cement and three of sand) 10mm thick for bottom of roof, stair, waist, landing and sunshades in all floors finished with neat cement including hacking the areas providing band cornice, scaffolding, curing etc., complete.	289.35	Sqm.	114351.12
24		Plastering in CM 1:5 (One of cement and five of sand) 12mm thick for border finish in all floors for elevation purposes, including scaffolding, curing, finishing etc., all complete.			
	121.70	a. 150 mm wide	80.77	Rmt	9829.71
	289.22	b. 75 mm wide	52.57	Rmt	15204.30
	139.40	c. 50 mm wide	39.13	Rmt	5454.72
25	395.20	White Washing three coats using clean shell lime slaked including cost of lime, gum, blue, brushes, including scaffolding etc., complete in all respects.	45.28	Sqm.	17894.66
26	3117.00	Supplying and fixing Mild Steel grills as per the design approved to verandah enclosure or gate including one coat of primer and labour for fixing in position etc., all complete	70.15	Kg.	218657.55

S.No.	Qty.	Description	Rate	Unit	Amount
27	42.60	Painting the new wood work with two coats of approved first class synthetic enamel ready mixed paint in addition to one coat of primer of approved quality and shade, the paint should be supplied by the contractor at his own cost (The quality and the shade of paint should be got approved by the Executive Engineer before use) complying with relevant standard specifications.	233.74	Sqm.	9957.32
28	278.72	Painting the new iron work and other similar works such as PVC/UPVC pipes, kerb stones and grills with two coats of approved first class synthetic enamel ready mixed paint of approved quality and brand the paint should be supplied by the contractor at his own cost. (The quality and the brand of paint should be got approved by the Executive Engineer before use) complying with relevant standard specifications.	138.35	Sqm.	38560.91
29	2.40	Supplying and fixing of 20mm dia aluminium hanger rods to the required length with aluminium end brackers including cost of screws, TW plugs and labour charges for fixing in position etc., complete in all respects and as directed by the departmental	58.00	Rmt	139.20
30	7.00	Supplying and fixing of Aluminium towel rails of 75cm long, including cost of screws, TW plugs and labour charges for fixing in position etc., complete in all respects and as directed by the	95.00	Each	665.00
31	8.00	S & F 5 pin Coat stand	55.00	Rmt	440.00
32	62.00	S & F chromium plated 8 guage Picture Hook	1.50	NO	93.00
33	110.00	Supplying and fixing of precast kerb stone of size 450x300x150mm made in Cement Concrete 1:3:6 (One of cement, three of crushed stone sand and six of hard broken stone jelly) using 20mm size hard broken stone jelly including the cost of Kerb stone moulding, laying, curing, transporting, pointing and as directed by the departmental officers and complying with	278.01	Rmt	30581.10
34	5.00	Supplying and planting of Avenue Trees including earth work excavation for pit of size 60x60x60cm filled with manure for 20cm depth and filling with river sand and red earth mix in the ratio of 1:1 for 40cm depth in the same pit and planting the avenue trees of approved varities to a height of 200cm from the ground level and maintaining them for the period of six month including watering, periodical manuring and replacing the avenue trees if dead etc, all complete and as directed by the departmental officers (Tree sappling shall be got approved from	382.81	No	1914.05
35	5.00	Supplying and fixing of Triangular shape chicken mesh Tree Guard using 8cm dia casurina vertical post and middle tie using country wood reeper of size 50X25mm and 25 gauge chicken mesh including labour charges for fixing the triangular tree guard and as directed by the departmental officers.	884.89	No	4424.45
36	1.00	Supplying, fabrication and Erection in position of MS scheme Name and lay-out board with 50x50x6mm MS angle for vertical posts and support posts with 2.5mm thick MS sheet for a size at 1.80x1.20m with 40x40x6mm MS angle around the baord and 50x6mm flat stiffeners on both directions including cost of welding charges, painting charges and drawing the lay out and lettering the scheme details as directed by the departmental officers including earth work excavation for 4 nos of pits, PCC 1:5:10 (one of cement, five of sand and ten of 40mmHB stone jelly) for pits. 0.45x0.45x0.60m below ground level and PCC 1:2:4 (One of cement, two of sand and four of 20mm HB jelly) at 0.30x0.30x0.30m above ground level for erection, conveyance	19336.57	No	19336.57

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	Qty.	Description	Rate	Unit	Amount
37		Supplying, laying, fixing and jointing the following PVC pipes as per schedule 40 of wall thickness not less than specified in IS 4985 suitable for plumbing by threading of wall thickness including the cost of suitable PVC/GI specials/GM specials like elbow, Tee, reducers, plug, union, bend, coupler, nipple/GM gate vavle check and wheel valve etc., wherever required above the ground level including the cost of teflon tape, special clamps, nails, etc., fixing on wall to the proper gradient and alignment and redoing the chipped of masonry etc., as directed by the			
	12.50	a. 32 mm dia	252.72	Rmt	3159.00
	102.90	b. 25 mm dia	234.47	Rmt	24126.96
	0.00	c. 20 mm dia	229.61	Rmt	0.00
38	14.80	G.I Pipe 20mm dia for Hot water line (Fully Concealed in walls)	311.44	Rmt	4609.31
37	7.00	Supplying and fixing of porcelain wash hand basin (white without pedestal) superior variety of size 550x400mm with all accessories such as powder coated cast iron brackets, 32mm dia CP waste coupling, rubber plug and aluminium chain, 32mmdia 'B' classGI waste pipe, angle valve, 15mm dia Nylon connection, 15mm dia brass nipples, 15mm CP pillar tap and required grating etc., complete in all respects (wash hand basin shall be got approved by the Executive Engineer before fixing)	3337.32	Each	23361.24
38	6.00	Supplying and fixing 150mm x 100mm size stone ware Gully trap with iron gratings over a bed of 150mm thick brick jelly concrete in CC 1:8:16 (one of cement, eight of sand and sixteen of broken brick jelly) using 40mm size brick jelly and brick masonry wall 110 mm thick using kiln burnt country bricks of size 8¾"x4¼"x2¾" (22x11x7cm) in cm 1:5 (One of cement and five of sand) plastered with CM 1:3 (One of cement and three of sand) 12mm thick etc., complete and as directed by the	1993.59	Each	11961.54
39	16.00	Supplying and fixing of PVC Nahani Trap not less than 75mm 4 way/ 2ay (superior variety) having minimum of water seal of 50mm confirm to relevant IS specifications with its latest amendments including resting on the bed of brick jelly concrete 1:5:10 (one of cement, five of sand and ten of 40mm gauge brick jelly) etc., complete as directed by the departmental officers. (The PVC Nahani Trap should be got approved from the EE before use)	160.00	Each	2560.00
		Electrical arrangements			
40	15.00	Supplying and fixing 15 amps 3 pin plug type socket on a suitable MS box 16g thick concealed and covered with 3mm thick laminated hylem sheet inclusive of all connections and cost of all materials	135.00	Each	2025.00
41	26.00	Supplying and fixing of best approved superior variety consealed type Fibre box with MS Fan hook of 100mm dia, 75mm depth and 3mm thick including cost and fixing in position etc., complete and as directed by the departmental officers. (The quality should be got approved by the Executive Engineer before	34.00	Each	884.00
42	23.00	Charges of assembling and fixing of ceiling fan of different sweep with necessary connection and fixing of fan regulator on the existing board etc., all complete (excluding cost of fan)	601.20	Each	13827.60
43	2.00	ELCB THREE phase	3091.30	Each	6182.60

S.No.	Qty.	Description	Rate	Unit	Amount
44	30.00	Supplying and laying of 8 SWG GI wire on wall/below ground level with necessary 'U' nails, earth work excavation and refilling etc., including cost of all materials etc., all complete.	27.13	Rmt	813.90
45	9.00	Supplying and fixing and concealing TW box of size 8"x6"x4" covered with 3mm thick hylem sheet including cost of TV line socket / Telephone line socket etc., all complete and as directed by the departmental officers.	77.01	Each	693.09
46	85.70	Supplying, laying and concealing of PVC pipe of 20mm dia with necessary specials and other materials including run off 1 No. fish wire (GI 22g) for drawing cable for TV/Telephone etc., all complete and as directed by the departmental officers.	88.71	Rmt	7602.45
47	3.00	Providing Earthing station using pipe electrode as per IS 3043 using 2.5m of 40mm and 1.0m of 20mm dia B-class GI pipe including earth work excavation, brick work in cement mortar and plastering and cost of funnel, GI nuts, bolts, washers, check nuts, GI bend, reducer and coupling, CI cover of 30x30cm and including charcoal of 40 kgs and salt 10 kg etc., all complete	2997.60	Each	8992.80
48	181.50	Providing Pre-construction Antitermite treatment including cost of chemicals labour as per standard specifications for preparing the area for treatment by spraying chemicals and other incidental charges etc., complete the rates should be for curing antitermite treatment from the plinth beam and brick masonry with super structure in contact with the back fill earth and at the junction of the walls. The top surfaces of filled earth for flooring and the soil along with the perimeter of the building by making holes with the crow bar and poured 5% termicide 'Chloripyrifos' and spraying the same termicide solution on the wooden frames and treating the other periphery of buildings etc., complete in all respects as per IS 6313 (part II)/1981 and as directed by the departmental officers.	34.00	Sqm.	6171.00
49	21.165	Applying one coat of anticorrosive treatment on steel reinforcement rods (20 ltrs. of anticorrosive chemical for one metric tonne of steel reinforcement rods) at site including cost of required quantity of anticorrosive chemicals, (best approved quality) cement, consumables such as brushes, gloves and labour for anticorrosive coating etc. complete and as directed by the departmental Officers. (The quality and brand of anticorrosive chemical should be got approved by the EE before use).	4672.50	MT	98893.46
		ANNEXURE			
50	115.20	Supplying and filling in foundation and basement with gravel in layers of 150 mm thickness well watered, rammed and consolidated complying with relevant standard specifications including cost of supplying gravel and as directed by the departmental officers.	427.95	Cum	49299.84
51	7.49	P. C.C. 1:3:6 for foundation & basement using 40mm metal	5680.67	CUM	42548.22

Sl. No.	Qty.	Description Page 7	Rate	Unit	Amount
52		Providing and laying in position, Standardised concrete mix M - 30 Grade in a accordance with IS 456 - 2000, using 20mm and down graded hard broken stone jelly for all RCC items of works with minimum cement content of 400 kg/m ³ and water cement ratio of 0.45, including admixture (Plasticiser/ super plasticiser) in recommended proportions as per IS : 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability with about (5.0 cu.m) 7730 kg. of 20mm machine crushed stone jelly and with about (3.3 cu.m) 5156 kg. of 10 - 12mm machine crushed stone jelly and with about (4.79 cu.m) 7670 kg. of sand, but excluding cost of reinforcement grill and fabricating charges, centering and shuttering and also including laying, vibrating with mechanical vibrators, finishing, curing etc. and providing fixtures like fan clamps in the RCC floor/roof slabs wherever necessary without claiming extra, etc., complete complying with standard specification and as directed by the departmental officers. The coarse and fine aggregates to be used should comply with the requirements of IS standards. (No separate payment will be made by the departmental for the excess usage of materials)			
	70.20	a. In Foundation and basement	8764.12	Cum	615241.22
	40.32	b. Ground Floor	8883.97	Cum	358201.67
	37.70	c. In First Floor	9120.07	Cum	343826.64
	13.68	d. In Second Floor	9356.17	Cum	127992.41
53		Providing cuddappah slab of 20mm thick, finishing with two sides for cupboard, wardrobes shelves, and other similar works including finishing and fixing in position complying with relevant standard specifications etc., compete in the following floors (measurement will be taken including bearing also) as directed by the departmental officers (quality of cuddappah slab shall be got approved by the Executive Engineer before fixing). 20mm thick			
	16.10	b. In Ground floor	556.10	Sqm.	8953.21
	18.70	c. In First floor	560.82	Sqm.	10487.33
54		Providing Form work and centering for reinforced cement concrete works including supports and strutting up to 3.30m height for plane surfaces as detailed below with all cross bracings using mild steel sheets of size 90cmx60cm and MS 10 gauge stiffened with welded mild steel angles of size 25mmx25mmx3mm for boarding laid over silver oak or country wood joists of size 10cmx6.5cm spaced at about 90cm centre to centre supported by caurina props 10cm to 13cm dia spaced at 75cm intervals and removing the same after a specified period without damaging the RCC works etc., complete complying with standard specifications and as directed by the departmental officers			
	326.54	a.For Column footings,plinth beam,Grade beam,Raftbeam,Raft slab etc.,	848.08	Sqm	276932.04
	694.59	b.Plain surfaces such as Roof slab,floorslab,Beams,lintels,lofts,sill slab,staircase,portico slab and other similar works	946.62	Sqm	657512.79
	298.55	c.For Square and rectangular columns and small quantities	1135.94	Sqm	339134.89
	0.00	d.Vertical wall	1041.28	Sqm	0.00
	0.00	e.Circular column	2271.88	Sqm	0.00

S.No.	Qty.	Description	Page 8	Rate	Unit	Amount
	42.95	f.Curved surface		1419.93	Sqm	60985.99
55	19.00	T.W. frame & TW styles & rails with BWR double leaf shutters for cup board/ ward robes including two coat enamel paint & one coat primer.		4253.06	Sqm	80808.14
56	12.10	Providing and fixing factory made Unplastisized polyvinyl chloride (UPVC) Door Frame of size 50X47mm with a wall thickness of 5mm, made out extruded 5mm rigid UPVC foam sheet, mitred at two corners and joined with 2nos of 150mm long brackets of 15X15mm M.S square tube. The two vertical and horizontal door profiles are to be reinforced with 19X19mm M.S Square tube of 19-gauge primer coat. The doorframe shall be fixed to the wall using 65/100mm long M.S screw through the frame by using PVC fasteners. A minimum of 4nos screws to be provided for each vertical member & minimum 2nos for horizontal member etc., and providing and fixing 30mm thick factory made solid panel foam unplasticized polyvinyl chloride (UPVC) door shutter as per IS 15931/2012 and density of sheet should be 0.55 to 0.65 gm / cm ³ , tolerance of thickness of paneled door shutters shall be +20mm, the average wight of the door shutter with frame will be 1kg / sqft and the shutter alone will be 0.675 kg/sqft, consisting of frame made out of M.S tubes of 19 gauge thickness and size 19mmX19mm for styles & 15mmX15mm for top & bottom rails M.S frames shall be covered with 5mm thick PWD SR P-43/2022-23		3325.00	Sqm	40232.50
57		Supplying and fixing of Single leaf Solid core flush door shutters using boiled water resistance (BWR) teak wood ply as per IS 303-1989, the cross band and face veneers are to be banded with phenol formaldehyde synthetic resin in hot press both sides and manufactruting the shutters by using quality timber of termite proof and seasoned to moisture content not more than 10% hot pressed with hydraulic press at a temperature of 150 degree to the norms as per IS 2002-1983 and T.W Ply on both side with teak wood lipping around, 35mm thick including cost and fixing of Aluminium furniture fittings such as 4 nos of 5" butt hinges, 2 Nos of 6"x ½" Towerbolt, 2 Nos of 6" door handle with CP screw, 1 no of aldop 10" x 5/8" 1 No of 40mm dia & 60mm long rubber bush, 1 No Aluminium door stopper with rubber bush with required brass screws, labour charges for wrought and putup and fixing in position of flush shutters and as directed by the departmental officers. (The quality and brand of materials should be got approved from the Executive Engineer before use.)				
	3.70	c). door size 1.00 m x 2.10 (Single Leaf)		3012.54	Sqm	11146.40
	8.20	d). door size 0.90 m x 2.10 (Single Leaf)		3079.64	Sqm	25253.05
58	91.20	Supplying and fixing of colour glazed tiles of size 200x300x8mm or other size (best approved quality and the same shall be got approved from the Executive Engineer before using) over cement plastering in CM 1:2 (one of cement and two of sand) 10mm thick including fixing in position, cutting the tiles to the requaired size wherever necessary, pointing the joints with Grout (Tile joint filler), curing, finishing etc., all complete and as directed by the departmental officers.		1377.72	Sqm	125648.06

		Page 9			
	Qty.	Description	Rate	Unit	Amount
59	22.90	Supplying and fixing of colour ceramic tiles Anti skid of size 305x305x10mm without corrugated design for flooring and other similar works (best approved quality colour and shade shall be got approved from the EE before using) over cement 1:3 (one cement and three of sand) 20mm thick including fixing in position, cutting the tiles to the required size wherever necessary, pointing the joints with grout (Tile joint filler) curing, finishing etc., all complete and as directed by the departmental officers.	1212.77	Sqm	27772.43
60	68.33	Plastering in CM 1:3 (One of cement thee of sand) 12mm tk. mixed with water proof compound at 2% by weight of cement for sump including scaffolding curing, finishing etc., complete in all respects and complying with standard specifications	278.28	Sqm	19014.87
61	1081.60	Supplying and applying wall putty one coat with approved make wall putty for smooth finishing the new cement plastered walls including cost of patty, brushes, watering, curing, labour charges for applying putty, blade etc., all complete and as directed by the departmental officers. (The quality and brand should be got approved from the EE before use.)	95.19	Sqm	102957.50
62	1081.60	Painting two coats with ready mixed PLASTIC EMULSION PAINT of first class quality paint of approved colour and shade including one coat of priming coat on cement plastered / concrete wall surfaces inner walls or other similar works, including cost of primer, paint, necessary brushes, labour charges, patty etc., complying with relevant standard specification. The paint should be supplied by the contractors at his own cost. (The quality and shade of the paint should be got approved by the Executive engineer before use.)	231.43	Sqm	250314.69
63	1093.38	Painting two coats with ready mixed PLASTIC EMULSION PAINT of first class quality paint of approved colour and shade including one coat of priming coat on cement plastered / concrete wall surfaces Outer walls or other similar works, including cost of primer, paint, necessary brushes, labour charges, patty etc., complying with relevant standard specification. The paint should be supplied by the contractors at his own cost. (The quality and shade of the paint should be got approved by the Executive engineer before use.)	232.95	Sqm	254702.87
64	21.165	Supplying, fabricating and placing in position of Mild steel Grills/Ribbed Tor Steels for reinforcement for all floors including cost of PVC binding wire, bending, tying etc., all complete and as directed by the departmental officers for all sizes.	89024.30	MT	1884199.31
65		Providing Rain water harvesting pit of 1m dia and 600mm depth and filling the pit with 40mm stone jelly to a depth of 300mm from the top of the augering portion and filling with filling sand to a depth of 300mm over the stone jelly and covered with the pre-cast RCC perforated slab of 40mm thick excluding the cost and fabrication of reinforcement grills but including precasting, moulding, curing, finishing and fixing in position etc., all complete and as directed by the departmental officers.			
	6.00	a). Providing pit	2237.90	Each	13427.40

S.No.	Qty.	Description	Page 10	Rate	Unit	Amount
	18.00	b) Augering 30cm dia bore hole in all soils and sub soils required depth to providing rain water harvesting from the centre of the rain water harvesting pit already excavated and filling the augering portion with 40mm size stone jelly etc., all complete and as directed by the departmental officers.		510.55	Rmt	9189.90
66	69.70	Supplying and fixing of 110mm dia PVC SWR pipe with ISI mark confirming to IS 13952:1992 Type 'A' for Rainwater Down fall pipe with relevant specials such as gratings, shoes, bends, offsets confirming to IS 14735 including jointing with seal ring confirming to IS 5382 with leaving a gap about 10mm to allow thermal expansion with necessary clamps, teak wood plugs etc., of approved quality and including fixing CI gratings at the junction of parapet and floor or roof slab etc., including finishing etc., complete complying with relevant standard specifications.		343.11	Rmt	23914.77
67	53.93	Supplying and fixng of Fibre mixed precast slab of 50mm thick of all required shapes made in cement concrete 1:3:6 (One of cement, three of sand and six of 20mm HBS jelly) using 20mm hard broken stone jelly mixed with secondary reinforcement fibre of approved quality of 0.25% by weight of cement (125 gm of fibre for 1 bag i.e 50 kg of cement) used including cost of all materials, moulding, curing, transportation, laying, pointing etc., for approach road, pavement slab and other similar works etc., complete as per the relevant standard specifications and as directed by the departmental officers. (The shapes of slab and brand and quality of fibre should be got approved from the Executive Engineer before use)		422.18	Sqm	22768.17
68	32.60	Supplying, laying, fixing and jointing the following ASTM/PVC pipes suitable for plumbing by threading of wall thickness including the cost of suitable UPVC/GI specials/GM specials like elbow, Tee, reducers, plug, union, bends, coupler, nipple/GM gate valve check and wheel valve etc., wherever required above the ground level including the cost of teflon tap etc., fully concealed in walls to the proper gradient and alignment and redoing the chipper portion of masonry etc., all complete and as directed by the departmental officers. c) 20mm		231.61	Rmt	7550.49
69	4.00	Supplying and fixing of C.I. manhole cover with locking arrangements of approved quality and brand of size 0.6 m x 0.6 m(50 kg) as per standard specifications including cost of material, labour charges for fixing etc. all complete and as directed by the departmental officers		1864.00	Each	7456.00
70	2.00	Supplying and fixing of shower arm 9" long including cost of all materials and all labour charges etc. complete CER No.178/13-14		469.42	NO	938.84
71	5.00	Supplying and fixing of SS Soap Tray including cost of all materials and all labour charges etc complete		704.75	NO	3523.75
72	7.00	Supplying and fixing of CP Angle valve Stop cock including cost of all materials and all labour charges etc complete		514.85	NO	3603.95

No.	Qty.	Description	Rate	Unit	Amount
73	13.00	Supplying and fixing of half turn C.P Long body Tap of 15mm dia of best quality including cost of half turn CP tap with required specials, and labour for fixing etc, all complete and as directed by the departmental officers., (The quality and brand should be got approved from Executive Engineer before use).	488.00	Each	6344.00
74	5.00	Supplying and fixing of half turn C.P Short body Tap of 15mm dia of best quality including cost of half turn CP tap with required specials, and labour for fixing etc, all complete and as directed by the departmental officers., (The quality and brand should be got approved from Executive Engineer before use).	440.00	Each	2200.00
75	1.00	Supplying and fixing of Indian Water Closet white glazed (oriya type) of size 580mmx440mm of approved make with ISI mark (to be got approved from EE before use) with P or S trap confirming to IS 2556 part 12, including concrete packing filling portion with earth, flooring the area with 75mm thicf brick jelly concrete in CC 1:8:16 (One of cement, eight of sand and sixteen of brick jelly) using 40mm size brick jelly and top left rough to receive the floor plastering but including antisiphonage connection, curing etc., all complete and as directed by the departmental officers. (In Ground Floor)	3328.48	Each	3328.48
76	1.00	Supplying and fixing of Indian Water Closet white glazed (oriya type) of size 580 mm X 440 mm of approved make with ISI mark (to be got approved from EE before use) with P or S trap confirming to IS 2556 part 12,, including concrete filling the sunk portion with brick jelly lime concrete proportion of brick jelly to lime being 32:12½ by volume (32 cft of 20mm gauge brick jelly and 12 ½ cft of slaked lime) (No sand) and top 75mm thick brick jelly concrete in CC 1:8:16 (one of cement, eight of sand and sixteen of broken brick jelly) using 40mm size brick jelly including plastering the sides of sunk portion in Cm 1:3 (one of cement and three of sand) 12mm thick mixed with water proofing compound at 2Kg / m2 and top left rough to receive the floor plastering but including antisiphonage connection, one coat of bitumen for the sides, bottom and curing etc., complete in all floors. (Other than ground floor)	5183.91	Each	5183.91
77	5.00	Supplying and fixing EWC superior variety 500mm including cost and fixing of double flapped coloured plastic sheet cover PVC flushing cistern in appropriate level as directed by the departmental officers at a maximum level of 5'6" and of approved brand of 10 litres capacity including fittings such as CI brackets. PVC connection Gm wheel valve, Hex nipple, etc., complete (EWC and plastic cover shall be got approved from the Executive Engineer before fixing)	7114.20	Each	35571.00
78		Supplying and fixing the following dia PVC (SWR) pipe with ISI mark confirming to IS 13952:1992 type 'B' for soil line with relevant jointing with seal ring confirming to IS 5382 with leaving a gap about 10mm to allow thermal expansion, fixing the pipes into walls with necessary wooden plug, screws, holding wherever necessary and making good of the dismantled portiong with necessary connections to sanitary fittings etc., complete in all respects and as directed by the departmental officers.			
	41.20	a. 110 mm dia.	717.55	Rmt	29563.06
	54.50	b. 75 mm dia.	600.25	Rmt	32713.63

S.No.	Qty.	Description	Rate	Unit	Amount
79	9.00	Supplying, laying and concealing the 50mm dia PVC (SWR) pipe with ISI mark confirming to IS 13952:1992- type 'B' for waste water line with relevant specials confirming to IS 14735 including jointing and making good of the dismantled portion with necessary connections to sanitary fittings etc., complete in all respects and as directed by the departmental officers.	114.45	Rmt	1030.05
80		Supplying, laying and jointing the following dia UPVC Non Pressure pipes of SN8 SDR 34 (S 16.5) as per IS 15328/2003, Superior variety and tested with water, including necessary earth work excavation for trenches and refilling the same, well rammed and consolidated after the pipes are jointed and laid to the alignment as directed by the departmental officers. (SN8 SDR 34(S 16.5), as per IS 15328/2003, should be got approved by the EE/SE/CE before use in works)			
	10.00	a. 110 mm UPVC Non Pressure pipe	482.86	Rmt	4828.60
	40.00	b. 160 mm UPVC Non Pressure pipe	807.13	Rmt	32285.20
81		Supplying, laying and jointing the following dia UPVC Non Pressure pipes Specials of SN8 SDR 34 (S 16.5) as per IS 15328/2003, Superior variety			
	3.00	a. 110 mm dia UPVC bend (TWAD SR 22-23 P-27 S.No-4)	175.20	Each	525.60
82		Supplying, laying and jointing the following dia UPVC Non Pressure pipes Specials of SN8 SDR 34 (S 16.5) as per IS 15328/2003, Superior variety			
	2.00	a. 110 mm dia UPVC Equal tee (TWAD SR 22-23 P-19 S.No-9)	197.50	Each	395.00
83		Wiring with 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming to ISI 694/1990, 1.1 KV grade cable with continuous earth by means of 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming to IS:694/1990, 1.1 KV grade cable in fully concealed PVC rigid conduit pipe heavy duty with ISI mark with suitable size MS box of 16g thick concealed and covered with 3mm hylem sheet controlled by 5 amps flush type switch including circuit mains cost of all materials, specials etc., all complete			
	63.00	a. Light point with ceiling rose	1692.10	Each	106602.30
	33.00	b. Light point without ceiling rose	1695.10	Each	55938.30
	3.00	c. Calling bell point with Buzzer/Calling bell	1732.10	Each	5196.30
84	25.00	Wiring with 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming to ISI 694/1990, 1.1 KV grade cable with continuous earth by means of 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming to IS:694/1990, 1.1 KV grade cable in fully concealed PVC rigid conduit pipe heavy dut with ISI mark with suitable size MS box of 16g thick concealed and covered with 3mm thick hylem sheet for Fan Point controlled by 5 amps flush type switch including circuit mains cost of all materials, specials etc., all complete	1767.10	Each	44177.50

No.	Qty.	Description	Rate	Unit	Amount
85	3.00	Wiring with 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming to ISI 694/1990, 1.1 KV grade cable with continuous earth by means of 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming to IS:694/1990, 1.1 KV grade cable in fully concealed PVC rigid conduit pipe heavy duty with ISI mark with suitable size MS box of 16g thick concealed and covered with 3mm thick hylem sheet for Staircase Light Point controlled by 5 amps flush type switch including circuit mains cost of all materials, specials etc., all complete	3176.20	Each	9528.60
86	19.00	Wiring with 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming to ISI 694/1990, 1.1 KV grade cable with continuous earth by means of 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming to IS:694/1990, 1.1 KV grade cable in fully concealed PVC rigid conduit pipe heavy duty with ISI mark with suitable size MS box of 16g thick concealed and covered with 3mm thick hylem sheet for 5 amps 5 pin plug socket point at switch board itself including circuit mains cost of all materials, specials etc., all complete	869.50	Each	16520.50
87	26.00	Wiring with 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming to ISI 694/1990, 1.1 KV grade cable with continuous earth by means of 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming to IS:694/1990, 1.1 KV grade cable in fully concealed PVC rigid conduit pipe heavy duty with ISI mark with suitable size MS box of 16g thick concealed and covered with 3mm thick hylem sheet for 5 amps 5 pin plug socket point at convenient places including circuit mains cost of all materials, specials etc., all complete	1174.40	Each	30534.40
88	12.00	Supplying and fixing of water tight Bulk head fittings with guard, suitable for 12W LED lamp including necessary connections, cost of materials etc., all complete.	529.20	Each	6350.40
89	4.00	Supply and fixing of 25 watts LED street light fitting complete with all accessories such as copper wire etc., complete using 25mm dia GI 'B' class pipe for 150 m length , confirming to ISI specifications and including labour charges for fixing street light fittings in EB pole/wall etc complete as directed by the departmental officers(The quality and brand of entire fitting should be got approved from Executive Engineer before use)	3460.00	Each	13840.00
90	36.00	Supply assembling and fixing of 18 watts LED tube light with fitting of four feet long and fixing the tube light fitting on teak wood round blocks of 75mm dia 40mm deep suspended from ceiling or mounted on the wall including cost of all materials and labour for fixing in position and as directed by the departmental officers. (The entire fittings should be got approved from the Executive Engineer before use)	707.00	Each	25452.00
91		Supplying & fixing of LED bulbs suitable for fixing it to pendent / bakelite battern holder of best approved variety and as directed by the departmental officers.			
	12.00	a)12W Bulb Qtn	170.00	Each	2040.00

S.No.	Qty.	Description	Rate	Unit	Amount
	33.00	b). 9W Bulb (PWD SR-2023-24/p-121)	135.00	Each	4455.00
92	25.00	Supply and delivery of following Electric Ceiling fan with ISI mark with blades and double ball bearing, capacitor, etc., complete with 300mm down rod, canopies, capacitor, shackle blades with electronic dimmer regulator suitable for operation on 230 volts 50 HTZ single phase AC supply conforming to ISS No.374/79 and provided with insulation . (The brand should be got approved from the Executive Engineer before supply made).	1552.00	Each	38800.00
93	210.50	Run off main with 2 wires of 2.5 Sq.mm. PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark conforming to IS: 694/1990,1.1 kv grade cable with continuous earth by means of 2.5 sq.mm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark conforming to IS: 694/1990,1.1. k.v. grade cable in fully concealed 19mm/20mm dia rigid PVC conduit pipe heavy dutywith ISI mark cost of all materials, specials etc., all complete.	232.90	Rmt	49025.45
94	149.00	Run off main with 2 wires of 4 Sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark conforming to IS: 694/1990, 1.1 KV grade cable with continuous earth by means of 2.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cablewith ISI mark conforming to IS: 694/1990, 1.1 KV grade cable in fully concealed 19/20mm dia rigid PVC conduit pipe with ISI mark etc. including cost of all materials, specials etc. all complete and as directed by the departmental officers.	272.90	Rmt	40662.10
93	60.00	Run off main with 4 wires of 4 Sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark conforming to IS: 694/1990, 1.1 KV grade cable with continuous earth by means of 2.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cablewith ISI mark conforming to IS: 694/1990, 1.1 KV grade cable in fully concealed 19/20mm dia rigid PVC conduit pipe with ISI mark etc. including cost of all materials, specials etc. all complete and as directed by the departmental officers.	275.30	Rmt	16518.00
94		Supply and fixing of best fixing of best indian Teak wood double leaf panelled door shutterin position using 150mm x 37.50mm outer styles 4Nos, 100mmx 37.50mm intermediate styles 6 Nos and using 200mm x 37.50mm Top Rail, 200mm x 37.50mm for all intermediate rails and using Teak wood plank of thickness of 18.75mm thick including labour charges for fixing the shutter in position with the shutter in position with the necessary following brass furniture fittings 12" Majestic brass door handle - 2 Nos, 6" Brass hinges - 10Nos, 16" Brass Tower bolt - 2 Nos, 8" Brass tower bolt - 2 Nos, Mortice lock with door handle - 1 No, Rubber bush -2 Nos, 6" Brass door stoper - 2Nos etc., all complete., and the furniture fittings are fitted with brass screws. best approved quality and shade etc., all complete and as directed by the departmental officers. (The fittings should be got approved from the Executive Engineer before use)			
	2.90	a. 1500X2100mm.(Double leaves) with Brass fittings	6538.42	Sqm	18961.42

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No.	Qty.	Description	Rate	Unit	Amount
	4.60	B. 1200X2100mm.(Double leaves) with Brass fittings	7153.15	Sqm	32904.49
95		TW panelled single door shutter without brass fittings.			
	2.00	b. 1000X2100mm without Brass fittings (Single leaf)	6687.18	Sqm	13374.36
	3.50	900X2100mm without Brass fittings (Single leaf)	5046.57	Sqm	17663.00
96	1.00	Supplying and fixing of 225 mm dia sweep AC exhaust fan of approved ISI Quality including necessary wall opening, fixing and finishing the wall opening and making good including cost of materials, labour for fixing, chipping and redoing necessary inter connection, scaffolding, hire charges for tools and plants etc., all complete and as directed by the departmental Officers	2176.40	Each	2176.40
97	2.402	Applying one coat of Anticorrosive treatment for steel window/ M.S. Grills (using 5 liters of anticorrosive chemical per one MT of steel) at site including cost of paint (NITOZINC rich primer), brushes, gloves, labour charges for applying anticorrosive paint etc before the application of synthetic enamel paint. (The quality and the brand of the anticorrosive paint, should be got approved from the EE before use) and as directed by the departmental officers.	2867.75	MT	6888.34
98	7.00	Supply & Fixing of Bevelled edge mirror of approved quality and brand of size 500 x 400 x 5.5mm shelf type mounted in the PVC / Fibre Glass framed with necessary hard board backing including labour for fixing in position etc., complete and as directed by the departmental officers	398.30	Each	2788.10
99	1.00	S&F of stainless steel sink 600mmx450mmx200mm including labour for fixing in position etc., complete and as directed by the departmental officers PWD SR P-55/2023-24	7140.00	No	7140.00
100	2.00	Supplying and fixing 1 No of 450 x 375 x 20 mm thick TW plank well varnished with 3 No 32 amps 500 volts fuse unit and 1 No of copper earth plate of suitable size bolts and nuts on walls for EB service connections including cost of all materials, etc., all complete.	1345.34	No	2690.68
101	9.00	Supply and fixing of 20 Amps DP plug and socket in sheet enclosure with 32 A DP MCB in Flush with wall with earth connection (For AC Plug) Legrand (MDS) / Hager(L& T) Equivalent/ Superior variety Ele SD -140 /2023-24	1858.00	No	16722.00
102	6.00	Supply of G.I pipe 40mm dia 'B' Class	165.00	Rmt	990.00

S.No.	Qty.	Description	Rate	Unit	Amount
103	43.30	Providing wooden (Melamine Door) Polish for new wood by removing by blade scrapping the existing dirt from the wooden surface using sand paper with M50 and repeat M80 paper to get a smooth surface leaves atleast 4hrs drying sand paper and prepare surface by M100 and clear the surface apply one coat of touch wood stainer by brush and leaves for two hrs. for drying prepare the surface by M100 sand paper and apply one coat of ash sanding sealer mixed with approved quality thinner after drying apply one coat of sanding sealer and attend the surface to get thoroughly dried smoother surface with no.220 water emery wood cleaner fill the holes and dots by putty and packing to get the surface clean apply surface by wax emery no.220 apply first coat of melamine sealer with the thinner for preparing the surface and apply second coat of the same by dry after drying preparing the surface with water emery no.320 and apply two coats of melamine matt mixed with glazing and thinner 106 prepar the surface water no.320 and apply two coats of same and finally smoother etc., all complete including cost of all materials and labour etc., and as directed by the departmental officers (The quality and shade of the polish should be got approved from the EE before use).	1438.54	Sqm	62288.78
104	2.00	Supplying and fixing of 10 liters PVC flushing cistern tank, including cost of tank, labour for fixing in position etc., complete and as directed by the departmental officers	1753.50	Each	3507.00
105	221.00	Supply and Laying of Nano Polish Virtified tile Flooring with 1st Quality homogeneous tiles in C.M 1:3 20mm Thick incl. pointing with Latricrete or Equivalent make Epoxy Stain Free (SP-100) grout	1256.21	Sqm	277622.41
106	4.19	S & F of Granite slab of size 2'x 1', 20mm Thick For (jet black) laid over in CM 1:3 (One of cement and three of crushed stone sand) 20mm thick including fixing in position cutting the slab to the required size, super fine polish, wherever necessary pointing the joints with coloured cement curing finishing etc., all complete and as directed by the departmental officers. (Quality should be got approved from the Executive Engineer before use) In First floor kitchen	2466.78	Sqm	10335.81
107	102.80	Supply and fixing of superfine polished with machine cut edges (sathali /steel grey, Ruby Red) of size 4' x 2' of Granite slab 18 to 20mm thick laid over in CM 1:3 (One of cement and three of crushed stone sand) 20mm thick including fixing in position cutting the slab to the required size, super fine polish, wherever necessary pointing the joints with coloured cement curing finishing etc., all complete and as directed by the departmental officers. (Quality should be got approved from the Executive Engineer before use)	2296.91	Sqm	236122.35
108	6.20	Providing full round nosing to the edges of granite slab of 18 to 20 mm thick including labour, power consumption, tools and plants required, true to horizontal in all floors in the laboratory work table and as directed by the departmental officers.	370.25	Rmt	2295.55
109	6.00	Supplying and fixing of 25mm dia PVC Tee with end cap of best approved quality (UPVC Tee with end cap shall be got approved from the Executive Engineer before fixing) etc., complete complying with relevant standard specifications and as directed by the departmental officers.	138.32	Each	829.92

No.	Qty.	Description Page 17	Rate	Unit	Amount
110	59.70	Supplying and fixing UPVC (Un-Plasticized Polyvinyl Chloride) Windows of casement type (open) from the profile the size of outer frame 60mm x 58mm and shutter profile are reinforcement with GI/1mm 125GSM and 100% corrosion free, the profiles are multi chambered sections with wall thick of 2mm. The EPDM rubber (black colour) covered with over all the edges of frame and shutter the shutter will be provided with Espag multi power point locks and also it operates as handle. The corners and joints should be welded and cleaned. Radiations free pin headed plain or brown colour glass 4mm thick should be provided to the shutter and it should not allow leakage of water even at most ranging storms and should have key lockable action, security protective hinges, strong locking systems and as per size for arresting noise and energy loss. The connecting mechanism between sash and outer frame that enables opening of the window. The window should be fixed to the wall with 100% packing with screws and silicon packing all round the frames. The window should be got approved from the Executive Engineer before use on work PWD SR 2023-24/p-70	7482.00	Sqm	446675.40
111	4.30	Supplying and fixing UPVC (Un-Plasticized Polyvinyl Chloride) Louvered Ventilators of from the profile the size of outer frame 60mm x 58mm and shutter profile size of 60 x 78mm both profiles are reinforced with GI/1mm 125GSM and 100% corrosion free, the profile are multi chambered sections with wall thick of 2mm. The EPDM rubber (black colour) covered with all over the edges of frame and shutter. The corners and joints should be welded and cleaned. Radiations pin headed glass 4mm thick should be provided in the louvers. The window should be fixed to the wall with 100% packing with screws and silicon packing all round the frames. The ventilator should be got approved from the Executive Engineer before use on work PWD SR 2023-24/p-71	8106.00	Sqm	34855.80
112	37.20	Supplying and fixing stainless steel hand railing 304 grade with top railing tube of 50mm 304 grade with top railing tube of 50mm dia of 12 gauge and 2.5mm wall thickness, vertical tube of 40mm dia of 14 gauge and 2mm wall thickness with 900mm clear weight at required intervals with 2 lines of horizontal tube of 25mm dia of 16 gauge and 1.6 mm wall thickness, 62.5mm dia front post ball set and restical base cub of 16 gauge and wall thickness of 1.6mm including polishing, buffing, fabrication and erection in the places shown by the departmental officers and embeded in the places with PCC 1:2:4 using 20mm stone jelly making holes and redoing the same and labour charges, power consumption charges etc., all complete complying with relevant standard specifications and as directed by the departmental officers. (PWD SR 23-24/p-62)	5536.00	Sqm	205939.20
113	12.00	Supplying and fixing of SFRC monhole Cover slab of size 600x600mm with 10Ton capacity including of all cost etc., all completed and as directed by the departmental officers PWD SR P-77/2023-24	2701.00	No	32412.00
114	7.00	Supplying and fixing of SFRC monhole Cover slab of size 300x300mm including of all cost etc., all completed and as directed by the departmental officers Quotation	990.00	Each	6930.00
115	3.00	Supply and fixing of Hydraulic Door Closer of various sizes of approved quality PWD SR P-44/2023-24	1008.00	Each	3024.00
116	5.00	Supply and fixing of SS Health faucet 1.2m long approved quality with ISI mark., all complete as directed by the departmental officers Qtn	1003.00	Each	5015.00

S.No.	Qty.	Description	Rate	Unit	Amount
117	20.70	Supply and fixing of APP membrane	725.00	Sqm	15007.50
118	2.00	Supplying and fixing of 1 no three phase distribution board with 6 way per phase 30A / per way with neutral link etc., complete and as directed by the departmental officers O.DATA	13800.00	No	27600.00
119	16.80	Supplying and fixing of PVC Trims (Beatings) including charges for fixing in position without damaging the existing structure etc all Completed and as directed by the departmental officers P-41/SOR-2023-24	95.40	Rmt	1602.72
		External Electrical arrangements			
120		Supplying and laying of following LTUG Cable from meter board to fornt of the block and EB pole top for EB service connection ,including cost of materials and transportation charges etc all complete and as directed by the departmental officers			
	50.00	a.) 3.5 core 50 sqmm LTUG cable SD 224	561.00	Rmt	28050.00
121	2.00	Supplying and providing cable end termination of following sizes of XLPE armoured LTUG cable 3.5core 50sqmm LTUG cable SD-237	346.00	No	692.00
122	2.00	Supply & fixing of cable gland suitable for following PVC armoured LTUG cable etc., complete 3.5core 50sqmm LTUG cable SD-188	439.00	No	878.00
123		Supply & delivery of following dia GI pipe 'B' class pipe of approved quality including cost of materials and laying charges etc.,complete and as directed by the departmental officers (Above G.L)			
	17.50	a.) 80mm dia GI pipe	896.26	Rmt	15684.55
124		Supply & delivery of following dia GI pipe 'B' class pipe of approved quality including cost of materials and laying charges etc.,complete and as directed by the departmental officers (Below G.L)			
	27.50	a.) 80mm dia GI pipe	798.92	Rmt	21970.30
125		Supply & delivery of following dia GI specials of approved quality including cost of materials and fixing charges etc.,complete and as directed by the departmental officers			
	2.00	a.) 80 mm dia GI bend	419.60	No	839.20
123	1.00	Supplying and fixing 3 No 63 Amps 500 volts grade/ well porcelin fuse unit on suitable teak wood plank. Etc all complete and as directed by the departmental officers	1167.12	No	1167.12
124	1.00	Supply & fixing of 63 Amps triple pole main switch for incoming control and 2 no of 16 A etc., complete and as directed by the departmental officers	3746.34	No	3746.34
125	1.00	Supply and fixing of LED flood lamp fitting 250 watts with single piece die cast aluminium housting and lamp etc., complete using 25mm dia GI 'B' class pipe for 1.50m length, confirming to ISI specifications and including labour charges for fixing of light fittings in EB pole/wall etc., complete as directed by departmental officers. (The quality and brand of entire fitting should be got approved from Executive Engineer before use).complete. (Quotation)	18342.00	No	18342.00

No.	Qty.	Description	Rate	Unit	Amount
126		Supply & erection of 125 Amps capacity floor mounting metering panel board (Cubical type) of size 3.6' x 6.5' x 1' with bus bar chamber made up of 16 SWG MS sheet for 3 phase 4 wire system with 25mm x 3mm tin coated copper flats for phases and neutral; individual metering chamber and with 2 Nos. 25 x 3mm GI flat for the earth bus on the rear side of the panel board: necessary interconnections by copper flat of suitable sizes: suitable PVC colour sleeves for the interconnecting copper flats / rigid copper wire; earth connections to all switches / bus bar by GI flats of suitable sizes from the earth bus; 1 set LED pilot lamps with switches, fuse units, suitable angle iron frame size of 40mm x 40mm x 6mm with painting in two coats of suitable colour over one coat of red oxide and with numbering; superscription of cables sizes, capacity of switches etc and incorporating the following: Incoming: 3 nos. 300 A cut outs, Bus capacity: 125 A 3 phase 4 wires copper flats for phases and neutral. Outgoings: 4 Nos. metering chamber - each chamber containing 3 nos. 63A fuse units, 1 No. 25 x 3mm copper flats for neutral link, 32A TPN 10KA MCB, space provision for fixing TNEB Energy Meter and glass cover of suitable size for taking meter readings and also 1 No. 32A fuse unit with neutral			
		Also necessary wiring with 6 sq.mm PVC insulated copper cables from TNEB cutout to energy meter and from energy Meter to 32A TPN MCB / DP MCB; 1 set LED pilot lamps with fuse units, switches and interconnections; inter connection to the bus bar by 25 x 3mm TC copper flats for phases and neutral from 300A cut outs to the bus and No.6 SWG copper for the phases and neutral from the 63A fuse units to the bus; Fixing of 6mm thick hylem sheet for fixing energy meters, insulators for the support for the bus; superscribing on the panel board the size, capacity of cable, switches, location, etc. 2 Nos. metallic danger boards etc. all complete and as directed by the departmental officers. (The quality and brand should be got approved from the Executive Engineer before supply and use). (Quotation)			
	1.00	b) Power panel board	28000.00	No	28000.00
119	20.00	Supplying and fixing 6 A to 20 A, 32 A single pole miniature circuit breaker including labour charges etc all complete and as directed by the departmental officers (MCB) PWD SR P-141/2023-24	128.00	No	2560.00
		External Water supply arrangements			
120	2.00	Supply and delivery of 3 HP Open well Submersible pump set (Duty 100 x 50lpm) conforming to IS 14220 /2002 and as amended and BEE 3 Star Rated capable of discharging the following duties due to all causes. The pump shall be with stainless steel shaft and dynamically balanced bronze mixed type impeller, CI FG 200 grade casing and brass screws and rotor shall be of copper rod as per IS 613/1984 with ISI mark. The pump suitable for installation in sump with 1.1KV grade 3 core suitable copper flat submersible cable to a length of 15m with necessary cable joints. (Quotation) Total Head : 50m Suction : 50mm Delivery : 50mm Discharge : 100LPM	35300.00	No	70600.00

S.No.	Qty.	Description Page 20	Rate	Unit	Amount
121	2.00	Supply & Fixing of Panel board for 3 H.P Submersible Pump set with two level guard auto start with ISI mark for three phase wall mounted type with ammeter, Voltmeter, indicating lamps ON/OFF push buttons with necessary controls and three phase cum dry running preventor relay suitable for the above including wire for fixing sensor and main switch with all respects and as directed by the departmental officers. (As per Pg. 114 of TWAD SR 2022-23 item no.11.1)	15147.00	Nos	30294.00
122	2.00	Labour charges for the erection of 3 HP submersible pumpset in borewell/openwell including fixing and jointing submersible cable with proper clamps upto the starter to required depth and also fixing of riser pipes to the required depth valves erection clamps, pressure gauges upto the exterior wall of pump room and erection of panel board consisting of TPICN switches starter, Voltmeter, Ammeter, three pilot (indicating) lamps capacitor single phasing preventor, water level guard and laying and jointing the cables and twin earthing as per IE rules etc., complete and testing the pumpset and trail upto 5.HP run for 10 days (As per TWAD SR P-308/2022 - 23 17c)	11056.10	No	22112.20
123	10.50	Supplying and laying of following GI pipe B class with ISI mark (Above Ground Level) 50mm dia	630.97	Rmt	6625.19
124		Supplying, delivery, laying and fixing of following dia GM / UPVC / GI Pipes and specials including cost of pipe and specials with ISI Mark of best quality confirming to IS Specification including cost of materials and conveyance, alignment, cutting, jointing pipes with solvent cement etc., all complete and as directed by the departmental officers.. (As per Pg. 44 & 45 TWAD SR 2022 - 23)			
	2.00	a) 80mm dia Elbow	474.00	No	948.00
	3.00	b) 80mm dia Hex Nipple	291.00	No	873.00
	2.00	c)80mmm dia union	881.70	No	1763.40
	2.00	d) 80mm dia Non return valve	4013.00	No	8026.00
	2.00	e) 80mm Dia GI flange set	119.00	No	238.00
	1.00	f) 80x50mm Dia GI reducer P-41	374.00	No	374.00
	2.00	g) 50mm dia Elbow PWD SR P-51/2023-24	128.00	No	256.00
	3.00	h)50mmm dia GI union PWD SR P-51/2023-24	266.30	No	798.90
	2.00	i) 50mm dia GI bend PWD SR P-51/2023-24	116.30	No	232.60
	1.00	j) 50mm GI Tee PWD SR P-51/2023-24	139.80	No	139.80
	3.00	k)50mm diaGI coupling PWD SR P-52/2023-24	69.80	No	209.40
	2.00	l)50mm dia GI MTA Qtn	205.00	No	410.00
	2.00	m) 50mm dia Hex Nipple PWD SR P-53/2023-24	87.00	No	174.00
	1.00	n) 50mm dia Gun Metal Gate valve PWD SR P-53/2023-24	1241.00	No	1241.00
	1.00	o) 32mm dia Gun Metal Gate valve PWD SR P-53/2023-24	760.00	No	760.00

No.	Qty.	Description Page 21	Rate	Unit	Amount
125		Supplying, laying, fixing and jointing the following dia UPVC Pipe with specials best quality confirming to IS specification including cost of materials and conveyance etc., all complete and as directed by the departmental officers. (The quality should be got approved by the Executive Engineer before use)			
	30.00	40mm dia Upvc pipe	226.38	Rmt	6791.40
126		Supplying and delivery of following dia UPVC specials of best and approved quality having ISI mark, including cost of materials and conveyance, alignment, cutting, jointing pipes with solvent cement etc., all complete and as directed by the departmental officers.			
	1.00	a) 40 mm dia UPVC Ball valve (Qtn)	350.00	No	350.00
	1.00	b) 32mm dia UPVC Ball valve TWAD SR Pg.54 / 2022 -23	201.00	No	201.00
	4.00	c) 25mm dia UPVC Ball valve TWAD SR Pg.54 / 2022 -23	169.00	No	676.00
	1.00	d) 40 mm x 32 mm dia reducer (As per PWD SR Pg.115 / 2023-24)	89.40	No	89.40
	1.00	e) 32 mm x 25 mm dia reducer (As per PWD SR Pg.115 / 2023-24)	64.70	No	64.70
		Numbering lettering,Cupboard, False ceiling and AC arrangements			
127		Supplying and fixing of following size of TNPHC Emblem & Aluminium Dye casting letters			
	39.00	a) 9" dia Aluminium Dye casting letters (As per PWD SR Pg.72 / 2023 -24)	1179.00	No	45981.00
128	12.00	Supplying & fixing Foam name plate (Acrylic) with stickers of size 24" x 4" and 3mm thick with lettering for identifying the rooms including cost of materials Qtn	450.00	No	5400.00
129	1.00	Supply and fixing of 24"x 8" and 3mm thick plastic foam name plate (Acrylic) with vinyl cutting letters RWH Board with approved colour etc. Qtn	500.00	No	500.00
		Supplying and fixing of following size of TNPHC Emblem & Aluminium Dye casting letters with MRF Powder Coating including labour charges			
130	1.00	a) 15" Height TNPHC Emblem (As per PWD SR Pg.73 / 2023-24)	12975.00	No	12975.00
131	20.00	Supplying of 6 lever Navatal lock with 3 keys with ISI mark etc., all complete and as directed by the departmental officers .(Quotation)	550.00	No	11000.00
132	2.00	Supply and Installation of Carbon dioxide gas type 2kg fire extinguishers PWD SR Pg.102 / 2023-24)	8748.00	No	17496.00
133	7.20	Supplying and fixing of Teak Wood wrought and put up for frames of doors,including cost of 8mm Thk Sand blasted Glass, Ornamental Design beadings,6" Brass Hinges, 8" Brass Handle,8" Tower Bolt, Brass aldrop, Brass Door toppe including the cost of Melamine polish with necessary plugs, rebates for shutters, plaster grooves on all faces etc. , including labour charges for fixing hold fasts, complying with relevant standard specifications etc., in all respects	7945.00	sqm	57204.00

S.No.	Qty.	Description	Rate	Unit	Amount
134	59.29	Supplying, fabricating, erecting and fixing 8mm thick Calcium Silicate Board Designed and Perforated for False Ceiling using G.I perimeter channel of size 0.55mm thick (having one flange of 20mm thick another flanger of 30mm and web of 27mm) along with perimeter of ceiling, screws, fixed brick wall / partition / RCC work with the help of nylon sleeves and screws at 610mm centre to centre. Then suspending G.I intermediate channels of 45mm (0.90mm thick with two flanges of 15mm each) from the soffits at 1220mm centre to centre with ceiling angle of width 25x10x0.55mm thick fixed to soffits with G.I cleat and steel expansion fasteners ceiling section of size 0.55mm thick having knurled web of 51.50mm and two flanges of 26mm each with lips of 10.50mm are fixed to the intermediate channel with the help of connecting clips in direction perpendicular fixed to the intermediate channel with the help of connecting clips in direction perpendicular to the intermediate channel at 457mm center 10mm thick tapered edge Calcium Silicate Board Designed and Perforated (confirming to IS 2035-1982) screw fixed to ceiling section with 25 mm dry wall screws @ 230 mm centers screw fixing is done mechanically either with screw driver or drilling machine with suitable attachment etc all	1545.00	Sqm	91603.05
135	32.22	Providing cornice work for GYP Board false ceiling Etc., all complete and as directed by the Departmental Officer (As per PWD SR Pg.60 / 2023-24)	190.40	Rmt	6134.69
136	5.00	Supply, delivery & fixing of Split type Air conditioner 1.5 Ton with 5KVA Capacity automatic voltage stabilizer , 2HW, 180A, 3 Star with 10 feet of copper tube Etc., with 20mm dia pvc pipe 5m long etc., all complete and as directed by the Departmental Officer ((As per PWD SR Pg.153 & 154 / 2023 -24)	49100.00	Nos.	245500.00
137	5.00	Supply, fabrication and fixing of MS Channel for Mounting the Airconditioning Outdoor Unit, including cost of all materials etc., all complete and as directed by the Departmental Officers (As per PWD SR Pg.154 / 2023-24)	6230.00	No	31150.00
138	7.00	Supplying and fixing of 24W LED Fitting (4000K 2x2 square type recessed fittings with LED) fixing with approved make bulb in position with all accessories including cost of all materials, inter connection etc., all complete and as directed by the departmental officers. (The materials should be got approved from the EE before use) (As per PWD SR Pg.121 / 2023-24)	2511.00	No	17577.00
139	37.70	Providing Ordinary Vertical blinds for windows with best quality including cost of blinds with necessary nails, plugs & equipments and labour for fixing etc, all complete and as directed by the departmental officers., (The quality and brand should be got approved from Executive Engineer before use). ((As per PWD SR Pg.62 / 2023-24)	922.00	sqm	34759.40
		GENSET ARRANGEMENTS			
140	1.00	Supply, erection, Testing and commissioning of 62.5 KVA AMP Panel generator set. Insulation for the residential silencer (supply of residential silencer to be included under item for DG Sets) (As per PWD SR Pg.157 / 2023-24)	671200.00	Set	671200.00
141	100.00	Supplying and laying of 3.5 core 25 sqmm LT UG Cable SD 222	443.00	Rmt	44300.00

No.	Qty.	Description	Rate	Unit	Amount
142	6.00	Supplying and providing cable end termination of following sizes of XLPE armoured LTUG cable 3.5core 25sqmm LTUG cable SD-235	335.00	no	2010.00
143	6.00	Supply & fixing of cable gland suitable for following PVC armoured LTUG cable etc., complete 3.5core 25sqmm LTUG cable SD-186	426.00	no	2556.00
144	12.00	Supplying and laying of following GI pipe B class with ISI mark (Below Ground Level) 50mm dia	533.63	Rmt	6403.56
145	20.00	Fabricating Supplying sectioning of PPGI sheet for the specifications. The materials should be PPGI file profile with a blue colour or any other approved design 0.56mm thick 24 gauge having width 1050mm SER. No. 13 / 2022-23	1117.16	sqm	22343.20
146	50.00	Supplying of 4 core 1.5Sq.mm Copper sensor cable including the cost of material and loading unloding & transportation charges etc, all complete and as directed by the departmental officers QTN	162.00	Rmt	8100.00
		SUB - TOTAL - I			14015944.00

SCHEDULE OF JOINERY

ITEM	DESCRIPTION	QTY	UNIT	PRICE
1	100mm thick concrete floor	100	Sq. m	100
2	100mm thick concrete wall	100	Sq. m	100
3	100mm thick concrete roof	100	Sq. m	100
4	100mm thick concrete slab	100	Sq. m	100
5	100mm thick concrete column	100	Sq. m	100
6	100mm thick concrete beam	100	Sq. m	100
7	100mm thick concrete staircase	100	Sq. m	100
8	100mm thick concrete landing	100	Sq. m	100
9	100mm thick concrete balcony	100	Sq. m	100
10	100mm thick concrete terrace	100	Sq. m	100
11	100mm thick concrete ramp	100	Sq. m	100
12	100mm thick concrete driveway	100	Sq. m	100
13	100mm thick concrete parking	100	Sq. m	100
14	100mm thick concrete road	100	Sq. m	100
15	100mm thick concrete footpath	100	Sq. m	100
16	100mm thick concrete boundary wall	100	Sq. m	100
17	100mm thick concrete gate	100	Sq. m	100
18	100mm thick concrete fence	100	Sq. m	100
19	100mm thick concrete gate post	100	Sq. m	100
20	100mm thick concrete gate pillar	100	Sq. m	100

SPECIFICATION

1. FOUNDATION: 100mm thick concrete column with brick wall.
2. ROOF: 100mm thick concrete slab with brick wall.
3. FLOORING: 100mm thick concrete slab with brick wall.
4. WALLING: 100mm thick concrete wall with brick wall.
5. STAIRCASE: 100mm thick concrete staircase with brick wall.
6. BALCONY: 100mm thick concrete balcony with brick wall.
7. TERRACE: 100mm thick concrete terrace with brick wall.
8. RAMP: 100mm thick concrete ramp with brick wall.
9. DRIVEWAY: 100mm thick concrete driveway with brick wall.
10. PARKING: 100mm thick concrete parking with brick wall.
11. ROAD: 100mm thick concrete road with brick wall.
12. FOOTPATH: 100mm thick concrete footpath with brick wall.
13. BOUNDARY WALL: 100mm thick concrete boundary wall with brick wall.
14. GATE: 100mm thick concrete gate with brick wall.
15. FENCE: 100mm thick concrete fence with brick wall.
16. GATE POST: 100mm thick concrete gate post with brick wall.
17. GATE PILLAR: 100mm thick concrete gate pillar with brick wall.

NOTE

1. ALL DIMENSIONS ARE IN METRE.
2. ALL DIMENSIONS ARE IN METRE.
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14. ALL DIMENSIONS ARE IN METRE.
15. ALL DIMENSIONS ARE IN METRE.

AREA STATEMENT

AREA	AREA	AREA
GROUND FLOOR AREA	104.44	Sq. m
ENTRANCE (HALF AREA)	15.90	Sq. m
TOILET & RECORD	4.74	Sq. m
TOTAL GROUND FLOOR AREA	124.08	Sq. m
ENTRANCE (HALF AREA)	15.90	Sq. m
TOILET & RECORD	4.74	Sq. m
TOTAL GROUND FLOOR AREA	124.08	Sq. m
ENTRANCE (HALF AREA)	15.90	Sq. m
TOILET & RECORD	4.74	Sq. m
TOTAL GROUND FLOOR AREA	124.08	Sq. m

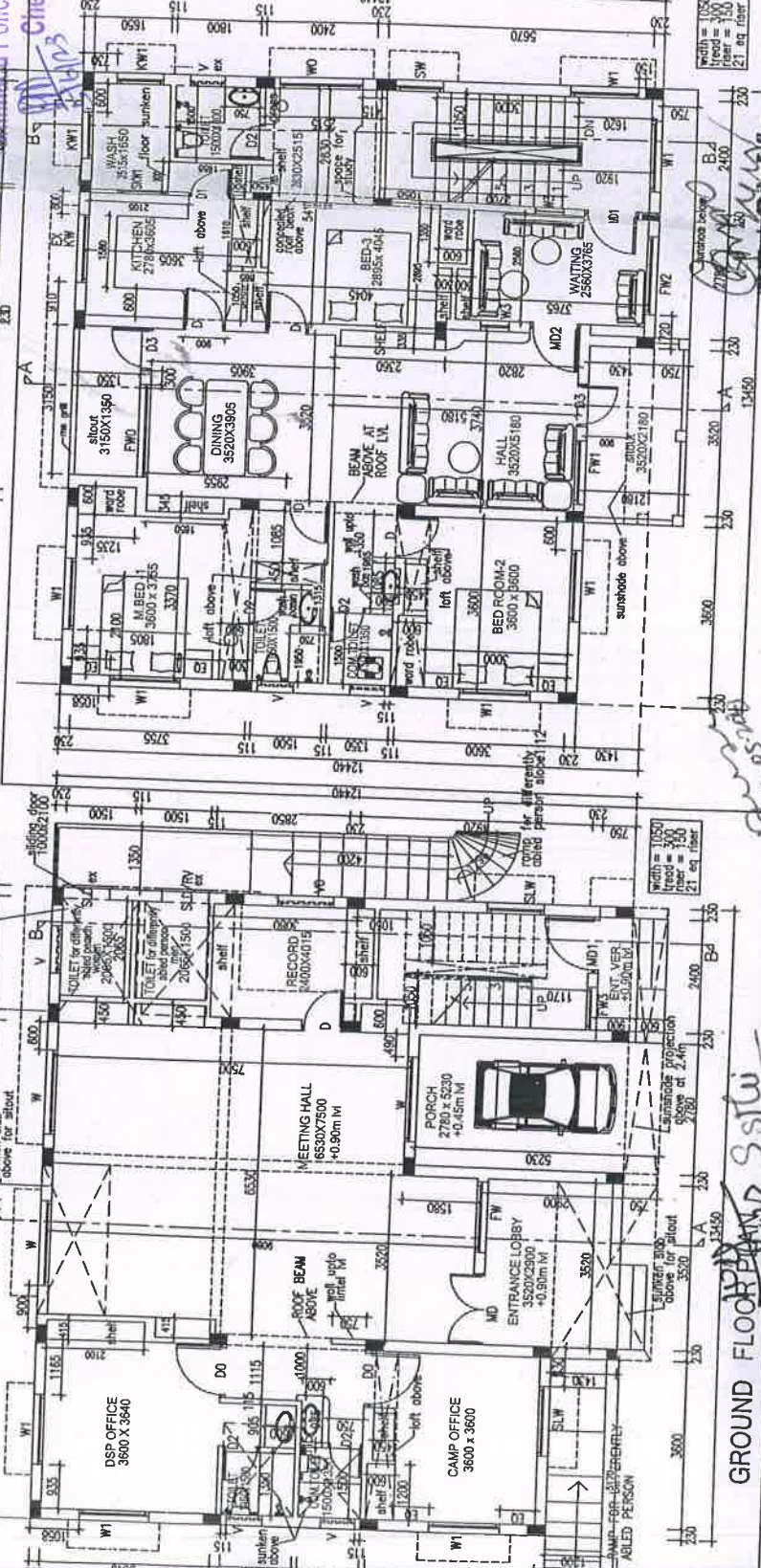
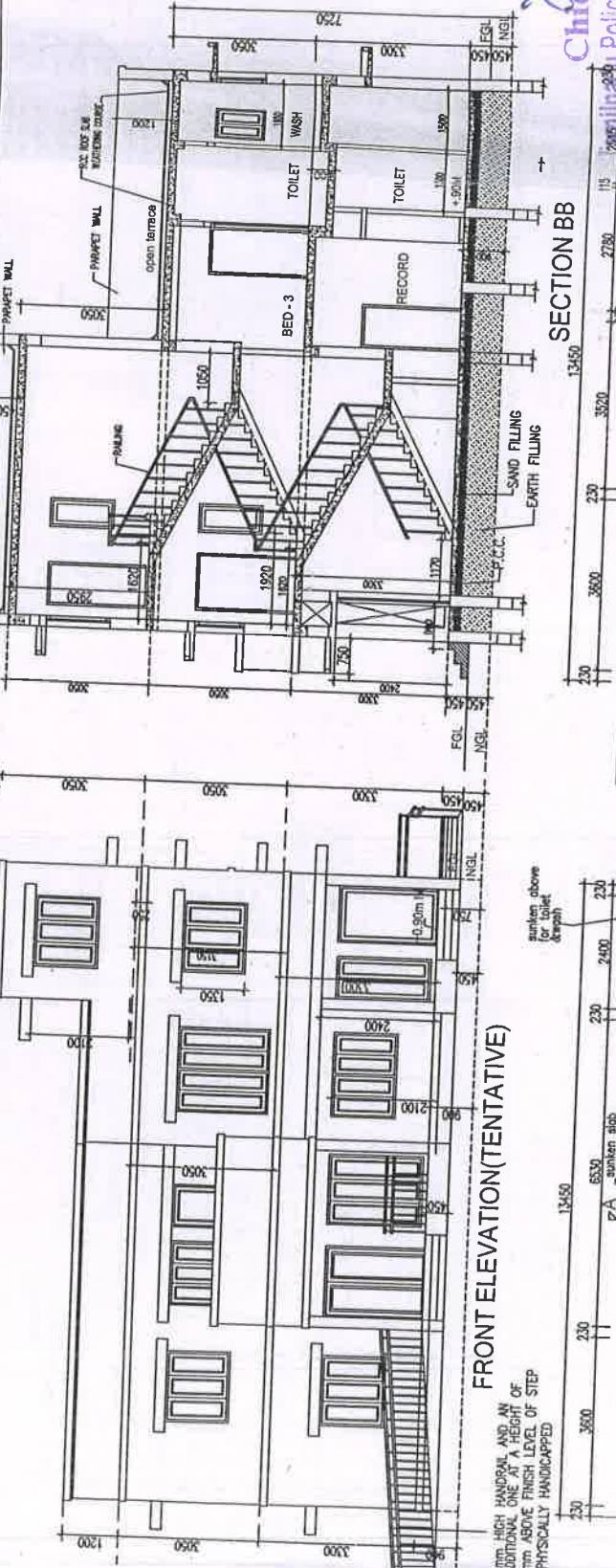
PROPOSED NEW DSP CAMP OFFICE CUM RESIDENCE	A224, 25, 26
S NO	NO - 17, COLACHEL
VILLAGE	TOWN TALUK
DISTRICT	KANKULAM
	KANYAKUMARI

GROUND FLOOR PLAN, FIRST FLOOR PLAN & FRONT SIDE ELEVATION

SCALE: 1:75	DRAWING NO.	SHEET NO. 01/02
DATE: 05.07.2022	DD/4/33/2022	

Sd., ... dt. 06/07/22	Sd., ... dt. 06/07/22	Sd., ... dt. 06/07/22
Asst. Architect	AEE. (Arch. sec)	Exc. Engineer (P)
Sd., ... dt. 06/07/22	Sd., ... dt. 06/07/22	Sd., ... dt. 06/07/22
Suppl. Engineer (C.C.)	Chief Engineer	Chairman / MD

TAMILNADU POLICE HOUSING CORPORATION LTD.
NO.132, E.V.R.SAI,
KILPAUK, CHENNAI-600 010.



Superintendent of Police FIRST FLOOR PLAN
EE/SLM
GROUND FLOOR PLAN
17/05/22

[illegible]

NOTE

1. STAIRCASE: TREND : 300MM, RISE : 1500TINE (new)
2. PLINTH HEIGHT 300MM FROM FORMED LV.
3. LINTEL HEIGHT 300MM FROM FLOOR LEVEL.
4. ROOF HEIGHT 300MM SLAB THK. & FIRST FLOOR
5. ROOF HEIGHT 300MM SLAB THK.
6. ROOF OF STAIRCASE SLAB THK.
7. SWIMEN SLAB FOR W.C. 450MM THK. BALCONY/STAIRCASE ETC IS 200MM
8. ALUMINIUM WINDOWS FOR CANAL AREA
9. WIDTH OF SURFACE IS 300MM. LEVELS IN METRE.
10. CLEARANCE FOR SURROUNDING AREAS IN METRE.
11. CLEARANCE SLAB FOR SURROUNDING AREAS IN METRE.
12. WIDTH OF WARD ROOM 500MM.
13. KITCHEN SLAB THK SHOULD BE 80MM FROM FFL
14. ALL DIMENSIONS ARE IN MM & LEVELS IN METRE.

AREA STATEMENT:	AREA	sqft
CLINT AREA		
GROUND FLOOR		
GROUND FLOOR AREA	104.44	
ENTRANCE LOBBY (HALF AREA)	5.60	
TOILET & RECEPTION AREA	18.80	
STORAGE AREA	4.74	
TOTAL GROUND FLOOR AREA	133.58	1414 sqft
SECOND FLOOR		
SECOND FLOOR AREA	8.75	932 sqft
TOTAL SECOND FLOOR AREA	138.13	1487 sqft
THIRD FLOOR		
THIRD FLOOR AREA	134.35	1420 sqft
STORAGE AREA	2.31	23 sqft
STORAGE AREA	2.31	23 sqft
STORAGE AREA	6.37	67 sqft
TOTAL THIRD FLOOR AREA	145.33	1513 sqft
FOURTH FLOOR		
FOURTH FLOOR AREA	133.60	1404 sqft
STORAGE AREA	0.32	3 sqft
TOTAL FOURTH FLOOR AREA	133.92	1407 sqft
TOTAL AREA		
GROUND FLOOR AREA	133.58	1414 sqft
SECOND FLOOR AREA	8.75	932 sqft
THIRD FLOOR AREA	145.33	1513 sqft
FOURTH FLOOR AREA	133.92	1407 sqft
TOTAL AREA (WITH PORCHES)		
TOTAL AREA	421.58	4466 sqft

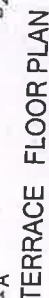
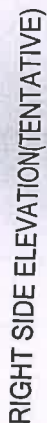
PROPOSED NEW DSP CAMP OFFICE CUM
RESIDENCE

* A2/24, 25, 26
* NO - 17, COLACHEL
* KALULAM
* KANYAKUMARI
DISTRICT

TEHRACE FLOOR PLAN, SECTION AA & B

RIGHT SIDE ELEVATION		DRAWING NO. DD/43/2022		SHEET NO. 02/02	
ALH-125	TEL-05.07.2022	dt.05.07/22 Sat.,	dt.06.07/22 Sat.,	dt.05.07/22	
Asst. Architect	Asst. Architect	Asst. Architect	Asst. Architect	Eng. Engineer (Pb.)	
dt.05.07/22 Sat.,	dt.07.07/22 Sat.,	dt.07.07/22 Sat.,	dt.08.07/22 Sat.,	dt.08.07/22	
Eng. Engineer (C.C.)	Chief Engineer	Chief Engineer	Chief Engineer	Chief Engineer	

TAMILNADU POLICE HOUSING CORPORATION LTD.
NO-132, E.V.R.SAU,
KILPAUK, CHENNAI-600 010.



Chief Engineer
Tamilnadu Police Housing Corporation Ltd
Chennai - 600 010

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EE / SLM

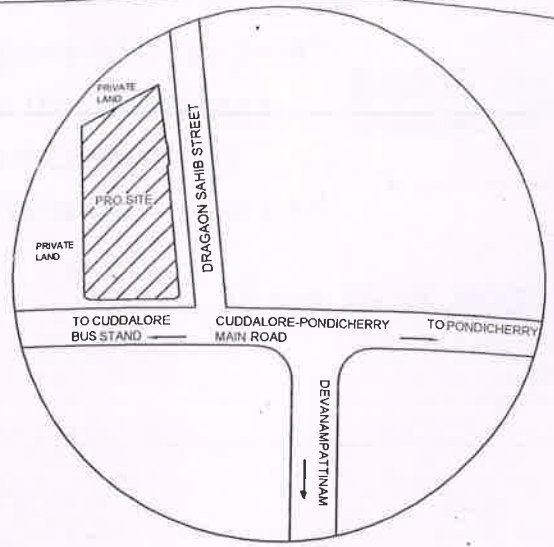
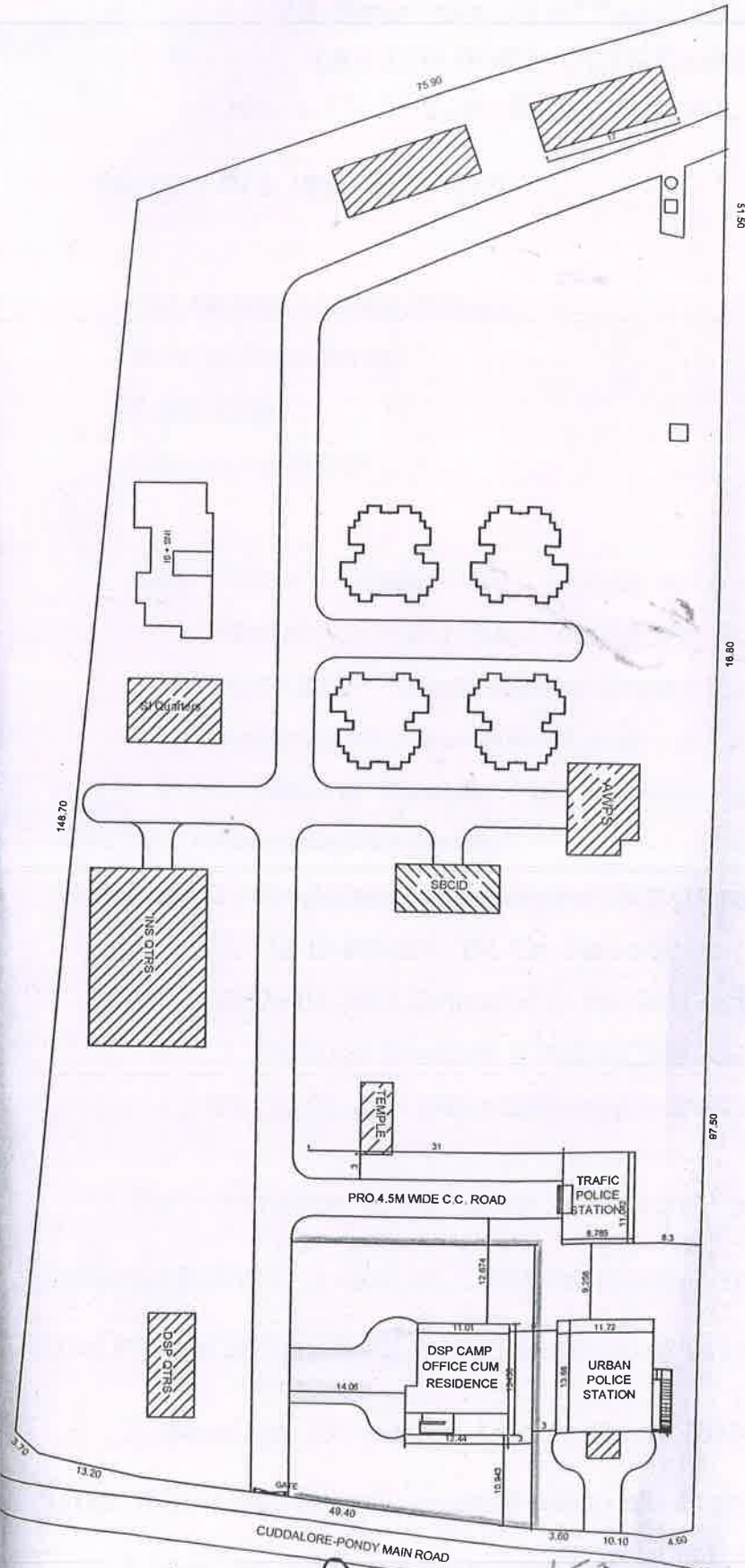
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2015-10-20

Superintendent of Police
Cuddalore

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KEY PLAN
(NOT TO SCALE)

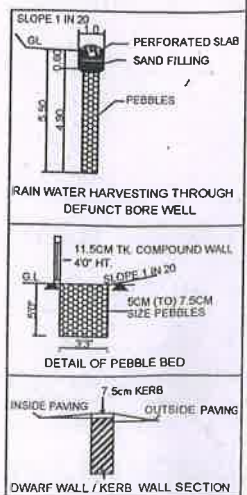
Chief Engineer
Tamilnadu Police Housing Corporation Ltd
Chennai - 600 010

05/6/23

NTU
26/5/23
AE/Plg

SE/NC

24/5/23
EE / SLM



Superintendent of Police
Cuddalore

TYPE OF BUILDING	NO OF FLOORS	DRG NO	AREA SQM	SITE AREA	PRO BUILT UP AREA	CUDDALORE NEW TOWN	Jr. ARCHITECT	Asst ARCHITECT	AEE (ARCH SEC)
URBAN POLICE STATION	G+1		327.10	327.10	327.10	PROPOSED URBAN POLICE STATION	Exe. ENGINEER(PLG)	Supdt Engineer (C.C.)	CHIEF ENGINEER
						SURVEY No : 187,188,189/1			
						VILLAGE : CUDDALORE NEW TOWN			
						TOWN/TALUK : CUDDALORE			
						DISTRICT : CUDDALORE			
PLOT COVERAGE: FSI						1:400 Scale	TAMILNADU POLICE HOUSING CORPORATION LIMITED		
TOTAL						132, EVR SALAI, KILPAIK, CHENNAI - 10			