



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/Co-op. Society H.O – Kilpauk/2023

Dated: 29.11.2023

To

The Registrar,
Registrar of Co-operative Societies,
No-170, NV Natarajan Maaligai,
Kilpauk,
Chennai – 600 010.

Sir,

Sub: TNPHC Ltd – HO – Plg – Repainting the inner walls, Replacing the aluminium Handrails with SS handrails, polishing the granite and mosaic flooring and retrofitting the damaged beams, columns & slabs, providing PUFF panel meeting hall at Terrace, providing work station arrangements in ground floor Co-operative Society Head office building at Kilpauk in Chennai city-Estimate proposal and willingness –
Furnished – Approval requested - Regarding.

Ref: During the meeting held with the Registrar/ Registrar of Co-operative Societies on 07.09.2023 & 12.09.2023

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During the meeting held with the Registrar/ Co-operative Societies on 07.09.2023 & 12.09.2023, has requested to furnish the estimate proposal for Repainting the inner walls, Replacing the aluminium Handrails with SS handrails, polishing the granite and mosaic flooring and retrofitting the damaged beams, columns & slabs, providing PUFF panel meeting hall at Terrace, providing work station arrangements in ground floor Co-operative Society Head office building at Kilpauk in Chennai city.

2. Accordingly, the estimate is prepared based on the PWD SR 2023-24 rates. The estimate value works out to ₹ 1,51,20,000/- including GST @ 18%, Labour Welfare Fund at 1%, Contingencies @ 2.5%, Supervision charges @ 7.5% and overhead charges.

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

4. The total estimate value shall be deposited to the TNPHC before commencement of the work.

5. The payment shall be released in the form of crossed Cheque or Demand Draft in favour of "Tamil Nadu Police Housing Corporation Limited".

6. Hence, it is requested that your acceptance may be communicated to us for taking further necessary action in this regard.

Encl: As above.


Chief Engineer


29.11.23

GENERAL ABSTRACT

Name of work:- Repainting the inner walls, Replacing the Aluminium Handrails with SS handrails, Polishing the granite and mosaic flooring and retrofitting the damaged beams, columns & Slabs, Providing PUFF panel meeting hall at Terrace, Providing work station arrangements in ground floor of Cooperative Headoffice building, Kilpauk, Chennai City.

Sl. No.	Qty	Description	Rate	Unit	Amount
			AS PER PWD SR 2023-2024		
1	1.00	Repainting the inner walls of Cooperative Headoffice building, Kilpauk, Chennai City.	30,32,395.16	Job	30,32,395.16
2	1.00	Providing PUFF Panel meeting hall at Terrace of Cooperative Headoffice building, Kilpauk, Chennai City.	60,65,542.75	Job	60,65,542.75
3	1.00	Providing work station arrangements in Ground Floor office area at Cooperative Headoffice building, Kilpauk, Chennai City.	15,81,588.45	Job	15,81,588.45
		SUB - TOTAL - I Rs.			1,06,79,526.36
4		GST at 18.0% (GST at 9% + CGST 9%)			19,22,314.74
		SUB - TOTAL - II Rs.			1,26,01,841.10
5		Provision for covering the AC lines with ACP sheets	LS		1,00,000.00
6		Provision for Renovating the existing Biometric system	LS		1,00,000.00
7		Provision for providing furniture arrangements in Meeting hall at Terrace	LS		5,00,000.00
8		Provision for Public address system at Meeting hall	LS		3,00,000.00
		SUB - TOTAL - IV Rs.			1,36,01,841.10
9		Labour Welfare fund @ 1%	As pr PWD Norms		1,06,795.26
10		Unforeseen, contingencies & PS charges @ 2.5%	"		3,40,225.55
11		Supervision Charges @ 7.5%	"		8,64,523.80
		GST @ 18% for Supervision Charges			1,55,614.28
		GRAND TOTAL Rs.			1,50,69,000.00
12		Advertisement charges	LS		51,000.00
		GRAND TOTAL Rs.			1,51,20,000.00

[Signature]
Chief Engineer
Tamilnadu Police Housing Corporation Ltd.
Chennai - 600 010
29/11/23

Tamil Nadu Police Housing Corporation Limited

Name of Work: Repainting the inner walls, Replacing the Aluminium Handrails with SS handrails, Polishing the granite and mosaic flooring and retrofitting the damaged beams, columns & Slabs in Cooperative Headoffice building, Kilpauk, Chennai City.

ABSTRACT

Sl No	Qty	Description of work	Rate	Amount
1	146.00 Sqm	Labour charges for Removing the existing thermocole false ceiling without affecting the adjacent structures and including hire charges for tools and plants stacking them at site of work where the places shown and as directed by the departmental officers CER No. 38/2022-23	71.00	10,366.00
				-
2	760.00 Sqm	Polishing the existing mosaic flooring rough and fine using power polishing machine pointing the joints and applying wax for neat finishing including labour charges , hire charges for polishing machine conveyance charges power consumption charges watering etc., all complete and as directed by the departmental officers	235.92	1,79,299.20
				-
3	928.00 Sqm	Cleaning and polishing the Granite stone flooring & wall cladding including cost of polish, machinaries etc., all complete complying with standard specifications and as directed by the departmental officers'	376.78	3,49,651.84
				-
4	470.00 Sqm	Cleaning the existing floor and wall tiles with acid wash of approved make with necessary cleaning powder, brush, including labour charges, etc all complete and as directed by the departmental officers.	80.74	37,947.80
				-
5	118.00 Sqm	Dismantling the damaged existing floor Ceramic tiles, wall tiles without affecting the adjacent structures including the cost of required tools and plants and clearing the debris away from the site etc., all complete and as directed by the departmental officers.	61.27	7,229.86
				-
6	7.00 Nos	Labour charges for removing the existing damaged IWC with 'P' or 'S' trap including removing weathering course concrete without affecting the adjacent structures and clearing the debris away from the site etc all complete and as directed by the departmental officers.	2116.00	14,812.00
				-

Sl No	Qty	Description of work	Rate	Amount
7	7.00 Nos	Supplying and fixing of Indian Water Closet white galzed (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 packing filling portion with earth, flooring the area with 75mm thick 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 anti-syphonage connection, curing, etc. all complete and as directed by the departmental officers. In Ground floor	3532.31	24,726.17
				-
8	77.00 Sqm	Supplying and fixing of Colour glazed tiles (Best approved quality and the same should 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 required size wherever necessary, pointing the joints with Grout (Tile joint filler), curing, finishing etc., all complete and as directed by the departmental officers.	1466.73	1,12,938.21
				-
9	41.00 Sqm	Supplying and fixing of colour Ceramic Tiles Anti skid without corrugated design for flooring and other similar works (Best approved quality, colour and shade should be got approved from the Executive Engineer before using) over cement mortor 1:3 (One of 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	1284.70	52,672.70
				-
10	146.00 Sqm	Supplying, fabricating, erecting and fixing Hilux Board Plain Sheets (10mm thick) Board False Ceiling upto a ceiling height of 4.5m from floor level	972.00	1,41,912.00
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11	146.00 Sqm	Painting the False ceiling with two coats of Plastic Emulsion paint of approved make and quality including cost of Plastic Emulsion paint putty, brushes, scaffolding etc., all complete as directed by the departmental officers (Plastic Emulsion paint and its shade should be got approved from the Executive Engineer before use)	248.97	36,349.62
				-

Sl No	Qty	Description of work	Rate	Amount
12	290.00 Nos	Supplying assembling and fixing of 4' 18W Crystal Glass LED Tube Light Fitting 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 EE before use]	704.00	2,04,160.00
				-
13		Wiring with 1.5 sqmm copper PVC insulated unsheathed single core 1.1 K.v. grade cable with continuous earth by means of 1.5 sqmm copper insulated unsheathed single core 1.1 k.v.grade cable in fully concealed PVC rigid conduit pipe heavy duty with ISI with suitable size MS box of 16 g thick concealed and covered with 3mm thick laminated hylem sheet controlled by 5 amps flush type switch including circuit mains cost of all materials snecials etc.. all complete. (Open wiring)		
	20.00 Nos	a) Light point with ceiling rose	923.00	18,460.00
				-
14	675.00 m	Run of main with 2 wires of 1.5 sq.mm. copper PVC insulated unsheathed single core 1.1 kv grade cablewith continuous earth by meansof 1.5 sqm copper PVC insulated unsheathed single core1.1. k.v. grade cable in fully concealed 19mm/20mm dia rigidPVC conduit pipe heavy dutywith ISI mark cost of allmaterials specials etc.. all complete.	131.00	88,425.00
				-
15	8.00 Nos	Supplying and fixing of 24W LED 4000K 2 x 2 Square Type Recessed Fitting with LED	3864.00	30,912.00
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16	29.00 Rmt	Manufacturing, Supplying and Fixing of Stainless Steel Hand rails for staircase using 50mm dia 304L Grade Stainless Steel pipe of 1.60mm thick at required locations to a height of 900mm from finished floor level welded to 38mm dia Stainless Steel pipe post of 1.00mm thick as vertical at 900mm centre with 2 Nos. of 25mm dia intermediate horizontal stainless steel pipe of 1.60mm thick in between. The vertical pipe has to be welded to the 100 X 100 X 6mm MS base plate encased in the base concrete. The rate is inclusive of the charges for cutting, bending, welding, grinding, polishing, conveyance electrical charges etc complete	1843.00	53,447.00
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Sl No	Qty	Description of work	Rate	Amount
17	16.00 Sqm	Supplying and fixing of 4mm thick pin headed Glass panels with aluminium anodised 'U' shape beeding of size 12x12mm with 107 gram in average weight for 1m length with aluminium bolts and nuts for the shutters of the steel windows already supplied to suit all the size and as directed by the departmental officers. (The quality of glass and aluminium beeding should be got approved from the Executive Engineer before use).	759.20	12,147.20
				-
18	8.00 Sqm	Removing the existing door /window shutters without affecting the adjacent structures and refixing the same in position including labour charges for fixing furniture fittings etc., all complete and as directed by the departmental officers	153.56	1,228.48
				-
19	4873.00 Sqm	Painting the old walls with two coats of Plastic Emulsion paint of approved brand including cost of Plastic Emulsion paint putty, brushes, scaffolding, scrapping etc., all complete as directed by the departmental officers (Plastic Emulsion paint and its shade should be got approved from the Executive	178.00	8,67,394.00
				-
20	344.00 Sqm	Painting the old wood work with two coats of approved Ist class synthetic enamel paint including scrapping the old paint using sand paper as required by the departmental officers including cost of material, labour for painting, supplying etc., all complete as directed by the departmental officers.(The paint quality and shade should be got approved from Executive Engineer before	170.00	58,480.00
				-
21	488.00 Sqm	Painting the old iron work with two coats of Ist class synthetic enamel paint of best approved quality and brand, the paint should be supplied by the contractor at his own cost. (The quality and the brand of the paint should be got approved from the Executive Engineer before use) complying with relevant standard specifications after scrapping using emery sheet etc., all complete and as directed by the departmental officers.	150.00	73,200.00
				-
22	4062.00 Sqm	White washing two coats using clean shell lime slaked including cost of lime, gum, blue, brushes, including scaffolding etc., complete in all respects.	36.81	1,49,522.22
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Sl No	Qty	Description of work	Rate	Amount
23	254.00 Rmt	Providing & applying silicon sealant for expansion joint treatment vertical walls, roof top side, windows alround etc., using approved exterior sealant material, labour charges etc., all complete and as directed by the departmental officer. CER. No.: 38/2022-23	145.00	36,830.00
				-
24	1845.00 Rmt	Providing Post Constructional Anti-termite treatment by injecting mineral based post construction anti termite treatment in the existing building in functions between floor and wall, door and windows frames using termite RID a naturally occurring BORON mineral based product at mixing ratio of 1:10 and drilled holes to a spacing of 2'0'' and depth 6'' and holes will be plastered with same matching colour and all the wooden fixtures will be treated with natural spray and dust and also Natural termite bait station will be placed along the periphery of the building for effective control of termites etc all complete and as directed by the departmental	70.00	1,29,150.00
				-
25	470.00 Sqm	Providing and filling the tile joint with epoxy grout with following specification: Surface preparation including cleaning the joint to be free from dust and loose particles. Providing masking tape on either side of the tile joint edges and providing sealing the tile gap with epoxy tile joint grout and finishing neatly and as directed by the departmental officers. The rate inclusive of cost of materials and labour. etc.. complete.	438.00	2,05,860.00
				-
26	22.00 Sqm	Surface Preparation: Labor charges for chipping the spalled and old concrete of the column, beam, slab and other elements. Check for the phenolphthalein test and if there is no change in color, chip the same further down until, reaching the good or uncontaminaterd concrete. Clean the surface and make sure that surface is clean and free from loose particle. CER.No: 126/2021-22	40.37	888.14
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Sl No	Qty	Description of work	Rate	Amount
27	6.00 Ltr	Providing anticorrosive zinc painting priming for the existing exposed reinforcement in the R.C.C Structures by exposing the existing corroded reinforcement bars fully in the repair area and remove all loose scale and corrosion deposits steel should be cleaned to a bright conditions and tested using phenolphthalin and silver nitrate solution paying particular attention to the back of the exposed steel bars, mechanically scruping using the wire brush recommended for this process .(The zinc primer should be of approved make and qulality). The cost includes cost of zinc primer and labour charges centering, sturting, scaffolding etc., complete as per the relevent standard specification and as directed by the deparmental Officers	1853.25	11,119.50
				-
28	22.00 Sqm	Applying Epoxy jointing compound for providing bonding to the new and old concrete for the damaged RCC repair area by mixing the base and hardener to the Epoxy jointing compound of approved make.The proportionate of mixing should be of the manufacture specification as per annexure and applying the same with 4" brush including cost and labour charges concreting, strutting, scaffolding etc., complete as per the relevent standard specification and as directed by the deparmental Officers.	709.00	15,598.00
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29	22.00 Sqm	Repair of RCC isolated locations for the damaged RCC slabs beams and columns by applying a bonding coat of Polymer modified cementitious liquid of approved make with CM 1:3 or as per the ratio specified by the manufacture per bag of cement and fixing in a position in a layer of chicken mesh of 22/24 SWG with 12mm opening and applying the prepared mortar by five layers when the bonding coat is tacky as directed by departmental officers. The rate inclusive of cost of all materials, labour, load, lift, shuttering using plywood if required and scaffolding,thickness of application should not be less than 50mm thickness and plastering in five layers etc.complete as per the relevent standard specification and as directed by the deparmental Officers. CER No. 126/2021-22	4744.01	1,04,368.22
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Sl No	Qty	Description of work	Rate	Amount
30	22.00 Sqm	Special curing immediately after removing the form work or after completion of the repair work , the surface should be sprayed with bonding polyester modified cementitious liquid with curing compound as per the ratio 1:1 of the manufactures diluted with potable water as a curing using sprayer etc., complete as per the relevent standard specification and as directed by the denarmental Officers.	150.00	3,300.00
		Total		30,32,395.16

Category	Year	Amount	Remarks
1. Salaries	1951	100.00	Salaries of staff members
2. Office Expenses	1951	20.00	Office supplies and postage
3. Travel	1951	15.00	Travel expenses of staff
4. Miscellaneous	1951	5.00	Miscellaneous expenses
Total	1951	140.00	

Tamil Nadu Police Housing Corporation Limited

Name of Work: Providing PUFF Panel meeting hall at Terrace of Cooperative Headoffice building, Kilpauk, Chennai City.

ABSTRACT

Sl No	Qty	Description of work	Rate	Amount
1	597.00 Sqm	Supplying and fixing of continuous sandwich PUF panels 50mm thick either as single piece, prefabricated, modular, factory made units which consist of an insulating layer of rigid polyurethane foam between two layers of metal sheets, comprises of PUF bonded between two sheets of Pre-coated GAL VANIUM SHEET of 0.47mm thick to produce straight-to-finish panels with all necessary fixtures to complete the work in all respect. The rate is inclusive of design, drawing preparation, submission for approval etc., and also inclusive of any other incidental charges such as lifting using cranes, labour charges for erection, cost of all materials involved etc all complete and as directed by the departmental	3600.00	21,49,200.00
2	23.00 Rmt	Supply and fixing of 0.47mm GALVANIUM SHEET Rain water gutter of approved design and drawing including clamping and all others works required to complete the job. The rate is inclusive necessary supports of any other incidental charges such as labour charges, cost of all materials etc., complete and as directed by the departmental officers CER.No.: 02 /2022-23	1600.00	36,800.00
3	10605.00 Kg	216.5.1) Structural steel work made up of single section or compounded from other structural steel sections like MS angles, plates, tees, flats, channels, I sections, Tubular and RHS sections using steel of Grade E250 (Fe 410) conforming to IS:2062-2006 including site and shop fastening of members, bolting, welding (machining of members where ever necessary) at all heights above ground level and including applying two coats (each coat 35 microns DFT) of epoxy polyamide based anticorrosive paint of approved quality and colour over two coats (each coat of 25 microns DFT) of zinc phosphate primer, over copper slag/grit blasted surface to SA2.5 Standards etc all material and labour complete in all respects	113.89	12,07,803.45
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Sl No	Qty	Description of work	Rate	Amount
4	139.00 Rmt	Supplying and fixing of 110mm dia PVC (SWR) pipe for Rain water down fall pipe with necessary gratings, shoes, bends, off sets, clamps, teak woods plugs, and of approved quality and including fixing C.I. gratings at the junction of parapet and floor or roof slab etc., including finishing etc., complete complying with relevant standard specifications.	357.54	49,698.06
				-
5	20.00 Nos	Supply and Fixing 24W LED 4000K 2 x 2 Square Type Recessed Fitting of best approved quality with ISI mark including cost of fixing with all necessary connections, clamps, screws etc. complete as per relevant standard specification	3864.00	77,280.00
				-
6	329.00 Sqm	Supplying, fabricating, erecting and fixing Hilux Board Plain Sheets (10mm thick) Board False Ceiling upto a ceiling height of 4.5m from floor level	972.00	3,19,788.00
				-
7		Wiring with 1.5 sqmm copper PVC insulated unsheathed single core 1.1 K.v. grade cable with continuous earth by means of 1.5 sqmm copper insulated unsheathed single core 1.1 k.v. grade cable in fully concealed PVC rigid conduit pipe heavy duty with ISI with suitable size MS box of 16 g thick concealed and covered with 3mm thick laminated hylem sheet controlled by 5 amps flush type switch including circuit mains cost of all materials specials		-
	20.00 Nos	a) Light point with ceiling rose	923.00	18,460.00
				-
8	160.00 Sqm	Painting the old walls with two coats of Plastic Emulsion paint of approved brand including cost of Plastic Emulsion paint putty, brushes, scaffolding, scrapping etc., all complete as directed by the departmental officers (Plastic Emulsion paint and its shade should be got approved from the Executive	178.00	28,480.00
				-
9	116.00 Sqm	Painting the new Iron work and other similar works such as PVC /ASTM Pipes, Kerb Stone 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 reltying and applying one coat of cement slurrv etc.. all complete in all respects.	150.00	17,400.00
				-

Sl No	Qty	Description of work	Rate	Amount
10	329.00 Sqm	Painting the False ceiling with two coats of Plastic Emulsion paint of approved make and quality including cost of Plastic Emulsion paint putty, brushes, scaffolding etc., all complete as directed by the departmental officers (Plastic Emulsion paint and its shade should be got approved from the Executive	248.97	81,911.13
				-
11	10.61 MT	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 (NITAZINC 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.	3067.00	32,540.87
				-
12	2.00 Cu m	Dismantling the existing damaged R.C.C 1:2:4 (one of cement, two of sand and four of HB stone jelly) with out affecting the adjacent structures, including the hire charges of tools and plants, and scaffolding if necessary, and clearing the dismantled materials away from the site etc., all complete and as directed by the departmental officers.	4308.70	8,617.40
				-
13	8.00 Nos	Supplying and fixing of 450mm (18") Sweep (Heavy Duty) 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.	4367.00	34,936.00
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14	8.00 Nos	Supply and fixing of light trap arrangements for 450mm (18") sweep exhaust fan SD 123	750.00	6,000.00
				-
15	20.00 No	Supplying and fixing of 450mm sweep AC Wall Mount fan with necessary clamp on wall with suitable	4455.00	89,100.00
				-

Sl No	Qty	Description of work	Rate	Amount
16	20.00 No	Wiring with 1.5 sqmm copper P.V.C. insulated unsheathed single core 1.1.k.v. grade cable with continuous earth by means of 1.5 sqmm copper PVC insulated unsheathed single core 1.1.k.v. 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 laminated hylem sheet for 5 amps. 5 pin plug socket point at convenient places including circuit mains cost of all materials, specials etc. all complete (Open Wiring)	694.00	13,880.00
17	360.00 Rmt	Run of main with 2 wires of 4 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 duty with ISI mark cost of all materials, specials etc. all complete. (Open Wiring)	180.00	64,800.00
18		Supplying, delivery and Installation of Hi - Wall split Air conditioner with copper coil 3 Star Rated with cordless remote of approved make with termitically sealed compressor on refrigeration R-22 Wall mounting conforming to IS 1391- for operation on 230v, 50 cycles/sec single phase/ three phase AC supply with neet finishing etc., all complete and as directed by the departmental officers.		-
	18.00 No	2 TR Split Type AC Unit	44160.00	7,94,880.00
19	18.00 Nos	Supply and installation of 5 KVA capacity Automatic Voltage Stabilizer with time delay relay (V-Gurad / Equivalent) of approved quality and ISI make working in low voltage 140 v to 270 v A/c 50Hz including cost of material, conveyance, labour for fixing, hire charges for tools and plants etc., all complete as directed by the departmental officers.	4940.00	88,920.00
20	90.00 Rmt	Supply and laying of 5/8" and 3/8" copper pipe (beyond 3m supplied with AC unit) including the suction line copper, liquid line copper, expanded polythene foam insulation for suction line, copper pipe, drain pipe suitable capacity complete including labour charges, cost of materials, hire charges for tools and plants etc., all complete and as directed by the	940.00	84,600.00

Sl No	Qty	Description of work	Rate	Amount
				-
21	18.00 Nos	Supply and fixing of MS stand (Powder coated) for fixing outdoor unit complete including labour charges, cost of materials, hire charges for tools and plants etc., all complete and as directed by the departmental officers. (The quality and brand should be got approved from EE before use)	1088.00	19,584.00
				-
22	360.00 Rmt	Supply, delivery and laying of PVC drain pipe 25mm with specials (For AC) of approved ISI quality including cutting, threading, and jointing the PVC pipes etc., all complete including cost of labour charges etc., all complete and as directed by the	64.10	23,076.00
				-
23	18.00 Nos	Supply and fixing of 20A Double pole plug and sockets in sheet steel enclosure with 32 amps DP MCB in flush with wall, with earth connection (for AC plug) of approved brand including cost of materials and labour charges etc., all complete as directed by the departmental officers. (The brand and quality should be got approved by the Executive Engineer before use). (SD140)	1858.00	33,444.00
				-
24		Supplying and fixing of Teak Wood wrought and put up for frames of doors, windows, ventilators, cupboard and any other similar joineries works with necessary plugs, rebates for shutters, plaster grooves on all faces etc. , including labour charges for fixing hold fasts. complying with relevant standard		-
	0.067 Cu m	a) Teak wood over 2.00 metre and below 3 metre length	126659.00	8,486.15
	0.048 Cu m	b) Teak wood below 2.00 metre length	114459.00	5,494.03
				-

Sl No	Qty	Description of work	Rate	Amount
25	5.60 Sqm	Supplying and fixing of double leaf solid core flush door shutter for door size 1.50m x2.10m of 35mm thick with Boiled Water Proof (BWP) grade cross band and face veneers which are bonded with phenol formaldehyde synthetic resin in hot press on both sides. The Flush door should be manufactured using quality timber, chemically treated by pressure impregnation and diffusion method. The timber should be termite proof and kiln seasoned, the moisture content should not be more than 10%. The door should be hot pressed using hydraulic press at a temperature of 150 degree C and phenol formaldehyde resin should be used for bonding and it should got Boiled Water Proof (BWP) grade. The door should be manufactured as per the norms laid down by IS 2002-1983. The cost includes labour for fixing the furniture fitting like 5" aluminium hinges 8 Nos, 6"x1/2" Aluminium tower bolt 3 Nos, 6"-Aluminium door handle -2 Nos, 250x16mm - Aluminium aldrip - 1 No, 2 Nos of Nylon bush, 2 Nos Aluminium door stopper, labour for fixing the furniture fitting etc., complete and as directed by the departmental officers.	3243.29	18,162.42
26	28.00 Sqm	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	7482.00	2,09,496.00
				-

Sl No	Qty	Description of work	Rate	Amount
27	336.00 Sqm	supplying and Laying of colour Vitrified tiles(Nano) [600x600x8mm] of approved make for flooring and other similar works [Best approved quality ,colour and shade should be got approved from the Executive Engineer before use] with synthetic tiles adhesive of approved make (ISI) with cement base paste of approved make including fixing in position ; cutting the tiles to the required size, wherever necessary pointing the joints with white /coloured cement, curing, finishing including cost of tiles, cement base paste and labour charges for laying etc all complete and as directed by the	1564.84	5,25,786.24
28	1.00 Nos	Supply and fixing of vertical TPN DB (with MCCB incomer) Double door, IP43 as per IS 8623 III, Impact resistance 1K09, Frame MCCB Incomer & Single Phase/Three Pahse MCBs as outgoing (for power loads exceeding 100A) Lower end 4 way, MCCB + 12 Module	16920.00	16,920.00
		Total		60,65,542.75

Tamil Nadu Police Housing Corporation Limited

**Name of Work: Providing work station arrangements in Ground Floor office area
at Cooperative Headoffice building, Kilpauk, Chennai City.**

Abstract

Sl No	Qty	Description of work	Rate	Amount
1	28.00 Nos	Providing and fixing Mobile pedestal (3 Drawer) made of pretaminated particle board pannels of 18mm thick with matching post forming, and face pannels of drawers are to finished with postform laminate. (Incl. Lock handles, etc) (Laminate: Merino) SER No.: 50/2023-24	5800.00	162400.00
2	28.00 Nos	Providing and fixing Keyboard unit with EBCO Channels Key board tray made of 18mm thk. Particle board post formed finish with EBCO channels and CPU trolley MS powder coated etc SER No.: 50/2023-24	1750.00	49000.00
3	28.00 Nos	Supply and delivery of fixed chair (Office chair ARB VC 031 x C805U Netled chair) made with handle and legs with black paint spray coating bottom seat of size 0.48m x 0.48m with 50mm thick foam and top with fabric resin materials and side seat of size 0.45m x 0.55m with netled fabric resin material having 2 legs etc including cost of chair, transportation charges SER No.: 50/2023-24	5500.00	154000.00
4	26.00 Sqm	Supplying and providing table top & vertical support legs are made of 25mm thick particle board finished with approved edge band laminated and the modesty panel made of 18mm thick pre laminated partial board with matching edge band finish. SER No.: 50/2023-24	2691.00	69966.00

Sl No	Qty	Description of work	Rate	Amount
5	200.50 Sqm	Supply and fixing of Partition Tile Based System (75mm thk.x 1200mm ht) -Made of Aluminium extrusions duly powder coated with 40 to 60 microns of your color choice. The frame is fixed with Tiles to the choice of Pre laminated particle Board,Fabric Board, Magnetic Board,and White Board for writing and glass. 100mm skirting will be provided at the bottom of the partition that can be used to run the cable if reqd. The system is developed to run the cable (Power & data) from the bottom to the table top level (Universal Cabling System) .Necessary provision will be given to fix table tops with the partition along with vertical supports wherever required. SER No.: 50/2023-24	5112.90	1025136.45
6	84.00 Nos	Wiring with 1.5 sqmm copper P.V.C. insulated unsheathed single core 1.1.k.v. grade cable with continuous earth by means of 1.5 sqmm copper PVC insulated unsheathed single core 1.1.k.v. grade cable in fully open PVC rigid conduit pipe heavy duty with ISI mark with suitable size TW box and covered with 3mm thick laminated hylem sheet for 5 amps. 5 pin plug socket point at convenient places including circuit mains cost of all materials, specials, etc., all complete (Open Wiring)	694.00	58296.00
7	420.00 Rmt	Run off main with 2 wires of 2.5 sq.mm. copper PVC insulated unsheathed single core 1.1 kv grade cablewith continuous earth by meansof 1.5 sqm copper PVC insulated unsheathed single core1.1. k.v. grade cable in fully concealed 19mm/20mm dia rigid PVC conduit pipe heavy dutywith ISI mark cost of allmaterials specials etc., all complete. (open wiring)	149.50	62790.00
		Total		15,81,588.45

EXISTING ROOMS

EXISTING ROOMS

4' HEIGHT PARTITION

22.80m

3.41m

1.94m

7.40m

2.37m

6.41m

1.83m

1.00m

9.82m

1.86m

EXISTING ROOMS

14.03m

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20/10/23
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30/11/2023
RE/Ch.Dm - 9

