



TamilNadu 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/SR/5397/2023

Dated: 16 .08.2023

To

The Director,
Tamil Nadu Fire & Rescue Services Dept.,
No. 17, Rukmani Lakshmipathy Salai.
Egmore, Chennai - 600 008.

Sir,

Sub: TNPHC – Providing Special repair works to the District Fire Office building at
cantonment in Trichy City – Estimate furnished – Approval requested –
Regarding..

Ref: The District Officer / F&RS Dept., Trichy , Lr.Rc.No.6656/E1/2021,
Dt: 19.06.2023.

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It is informed that, the District Officer / Fire & Rescue Services Dept., Trichy, vide
reference cited has requested to Provide Special repair works to the District Fire Office
building at cantonment in Trichy City.

Accordingly the estimate for the above work is prepared based on the PWD Schedule of
rates for the year 2023 - 2024 which works out to **₹36,63,000/-** including all overhead
charges. There is no specific fund to meet out the expenditure.

It is requested that necessary funds may be provided to take up the works early.

Encl: As stated.

Yours faithfully,


Chief Engineer
16/8/23

தமிழ்நாடு தீயணைப்பு மீட்புப்பணித்துறை

அனுப்புநர்,

திருமதி.கு.அனாகுமா, M.Tech., M.B.A.,
மாவட்ட அலுவலர்,
தீயணைப்பு மற்றும் மீட்புப்பணிகள் துறை,
திருச்சிராப்பள்ளி மாவட்டம்.
தொலைபேசி:- 0431-2462824
மின்னஞ்சல்:- dotc.tnfrs@gmail.com

பெறுநர்,

செயற்பொறியாளர்,
தமிழ்நாடு காவல் வீட்டு வசதி அலுவலர்,
TSP 1st பட்டாலியன் வளாகம்,
திருச்சிராப்பள்ளி.

ந.க.எண்:- 6656/இ1/2021 நாள்: 06.2023

ஐயம்.

மொருள்:- தீயணைப்புமீட்புப்பணித்துறை - திருச்சிராப்பள்ளி மாவட்டம்
திருச்சிராப்பள்ளி மாவட்ட அலுவலர் அலுவலக கட்டிடங்களின் பழுதுகளை
செப்பனிட தோராய மதிப்பீடு வழங்க கோருதல் - தொடர்பாக.

பார்வை:- 1. இயக்கக குறிப்பாணை ந.க.எண்:2853/ஈ3/2021 நாள்:03.08.2021.
2. துணை இயக்குநர் அவர்களின் குறிப்பாணை ந.க.எண்:3090/இ1/2021.
நாள்:12.08.2021.

தீயணைப்பு மீட்புப்பணித்துறை, திருச்சிராப்பள்ளி மாவட்டம், மாவட்ட அலுவலர்
அலுவலகம் திருச்சிராப்பள்ளி நீதிமன்ற வளாகத்தில் 1971 முதல் செயல்பட்டு வருகிறது.
இக்கட்டிடமானது கட்டி முடிக்கப்பட்டு சுமார் 50 ஆண்டு காலம் ஆகிவிட்டதால் இக்கட்டிடத்தில்
கீழ்கண்ட பழுதுகள் ஏற்பட்டு இடிந்து விழும் நிலையில் உள்ளது. எனவே இக்கட்டிடத்தின்
பழுதுகளை செப்பனிட கட்டிடத்தினை நேரில் ஆய்வு செய்து 2023-2024 ஆம் ஆண்டிற்கான
தோராய மதிப்பீடு வழங்குமாறு கேட்டுக்கொள்கிறேன்.

பழுதுகள் விவரம்:-

1. கட்டிடத்தின் மேற்கூரை தளத்தில் வடிவமைக்கப்பட்டுள்ள (Madras Roof) மரக்கம்பிகள்
இடிந்து விழும் சூழ்நிலையில் உள்ளது.
2. மின் வயர்கள் மராமத்துப்பணி மேற்கொள்ளப்பட வேண்டும்.
3. தண்ணீர் தொட்டி பழுதடைந்துள்ளது.
4. தரைதளத்தில் டைல்ஸ் புதுப்பிக்கப்பட வேண்டும்.
5. கதவுகள் புதியதாக மொருத்துதல் மற்றும் ஜன்னல் மராமத்து பணி மேற்கொள்ள
வேண்டும்.
6. மேலதளம் கூரை தட்டோடு மாற்றுதல் வேண்டும்.

இணைப்பு:- புகைப்படங்கள்.

மாவட்ட அலுவலர்
தீயணைப்பு-மீட்புப்பணிகள்
திருச்சிராப்பள்ளி

நகல்:- உதவி மாவட்ட அலுவலர், திருச்சிராப்பள்ளி நிலையம்.

(உரிய அலுவலரை நேரில் சந்தித்து மதிப்பீடு

Special Repair works for District Fire Office at Contontment in Trichy City, Trichy District.

Sl. No.	Qty	Description	Rate	Unit	Amount
1	2	3	4	5	6
1	10.50	Dismantling clearing away and carefully stacking materials useful for reuse for Lime Concrete including the cost of required tools and plants scaffolding if necessary and clearing the debris away from the site etc all complete and as directed by the departmental officers	337.79	Cum	3546.80
2	1.10	Dismantling clearing away and carefully stacking materials useful for reuse for Wrought and put-up Framed Timbers in roofs / floors including the cost of required tools and plants scaffolding if necessary and clearing the debris away from the site etc all complete and as directed by the departmental officers	707.70	Cum	778.47
3	319.90	Dismantling clearing away and carefully stacking materials useful for reuse for pressed tiles and weathering course the cost of required tools and plants if necessary and clearing the debris away from the site etc all complete and as directed by the departmental officers.	43.89	Sqm	14040.41
4	183.50	Dismantling, clearing away and carefully stacking materials useful for re-use for Floor finish and dadoing walls in cement mortar with Mosaic Tiles / Glazed Tiles / Cuddapah Slabs	58.49	Sqm	10732.92
5		Brick work in cement mortar 1:6 (one of cement and six of sand) using kiln burnt country bricks of size 8 3/4"x4 1/4"x2 3/4" (22x11x7cm) for super structure in the following floors including labour for fixing the doors windows and ventilator frames in position, fixing of hold fasts, scaffoldings, curing etc., complete in all respects complying with relevant standard specifications and drawings.	*		
	15.10	(a) In Ground Floor	6775.41	Cum.	102308.69
6		Providing form work and centering for reinforced cement concrete works including supports and strutting upto 3.30m height for plain surfaces as detailed below with all cross bracings using mild steel sheets of size 90 cm x 60 cm and ms 10 gauge stiffened with welded mild steel angles of size 25 mm x 25mm x 3mm for boarding laid over silver oak or country wood joists of size 10cm x 6.5 cm spaced at about 90 cm centre to centre and supported by casurina props 10 cm to 13 cm dia spaced at 75 cm intervals and removing the same after a specified period without damaging the R.C.C works etc., complete complying with			
	53.80	(b) Plain surfaces such as roof slab, floor slab, beams lintels, loft, sill slab, staircase waist, portico slab and other similar works	987.02	Sqm	53101.68
7		Standardised concrete Mix M20 Grade Concrete for all reinforced cement concrete works, namely plinth beams, tie beams, column and column footing, slabs etc. using 20mm gauge hard broken stone jelly excluding the cost and fabrication of reinforcement grills, shuttering and centering but including vibrating, laying,	*		
	10.20	b. Stilt / Ground Floor	8111.02	Cum	82732.40
8	1.056	Supplying, fabricating and placing in position of mild steel grills/ribbed tor steels for reinforcement for all floors including cost of binding wire, bending, tying etc., all complete and as directed by the departmental officers.	90389.00	MT	95450.78
		Data			

Sl. No	Qty	Description	Rate	Unit	Amount
1	2	3	4	5	6
9	652.70	clean removal of old cement plaster in walls and as directed by the departmental officers. PWD SOR 2023-2024 P-25 Item W-0104	8.09	Sqm	5280.34
10	766.50	Plastering with CM 1:5 (one of cement and five of sand) 12mm thick finished with neat cement including providing band cornice, ceiling cornice, curing, scaffolding etc., complete in all respects and complying with relevant standard specifications.	262.06	Sqm.	200868.99
11	44.40	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.	300.30	Sqm.	13333.32
12	43.50	White washing three coats using clean shell lime slaked including cost of lime, gum, blue, brushes including scaffolding etc., complete in all respects.	47.48	Sqm.	2065.38
13	187.10	White washing One coats for existing surface using clean shell lime slaked including cost of lime, gum, blue, brushes including scrapping the old wall scaffolding etc. complete in all respects.	28.57	Sqm	5345.45
14	455.80	Painting primer coat using approved quality of white cement over the cement plastered / concrete wall surfaces, ceiling or other similar works including cost of white cement, putty, brushes, watering, curing, etc., all complete and as directed by the departmental officers.	64.51	Sqm	29403.66
15	455.80	Painting the new walls with two coats of Oil Bound Distemper over the existing primer coat of white cement of approved brand over new cement plastered wall surfaces including cost of paints, putty, brushes, watering, curing, etc., all complete as directed by the departmental officers (paints and its shade shall be got approved from the executive engineer before use) Data	131.03	Sqm	59723.47
16	176.10	Distempering the old wall and ceiling Two coat with best oil bound distemper of approved quality including preparation of surface, the rate includes cost of brushes, high scaffolding arrangements, neat finishes, etc., complete complying with standard specification and as directed by the departmental	135.44	Sqm	23850.98
17	310.70	Painting the new walls with two coats of approved best ready mixed plastic emulsion paint in addition to one coat of approved primer coat over cement plastered wall surfaces and ceiling including cost of plastic emulsion paint, putty, brushers etc., all complete and as directed by the departmental officers (the emulsion paint and its shade should be got approved from the	241.75	Sqm	75111.73
18	156.80	Painting the Old walls with Two coats of approved best ready mixed plastic emulsion paint in cement plastered wall surfaces and ceiling including cost of plastic emulsion paint, putty, brushers etc., all complete and as directed by the departmental officers (the emulsion paint and its shade should be got approved from the executive engineer before using)	172.90	Sqm	27110.72

Sl. No.	Qty	Description	Rate	Unit	Amount
1	2	3	4	5	6
19	153.60	Supplying and fixing of coloured marbonite vetrified tiles flooring (livery colour) 600mmx600mmx8mm for flooring and other similar works (best approved quality colour and shade shall be got approved from the executive engineer before using) over cement mortar 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 curing finishing etc., all complete and as directed by the departmental officers.	1289.64	Sqm	198088.70
20	22.10	Supplying and laying of ceramic tiles (Anti-Skid) for flooring and other similar works (best approved quality, colour and shade shall be got approved from the executive engineer before using) over cement mortar 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 departmental officers. (the brand quality of tiles should be got approved from the executive engineer before use).	1246.20	Sqm	27541.02
21	72.70	Supplying and fixing of colour glazed tiles of size 100x200x6mm (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 required size wherever necessary, pointing the joints with grout (tile joint filler), curing, finishing etc., all complete and as directed by the departmental officers. (the brand quality of tiles should be got approved from the executive engineer before use).	1420.92	Sqm	103300.88
22	3.00	Supplying and fixing EWC (white) 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 c.i. brackets. pvc connection gm wheel valve, hex nipple, etc., complete (EWC and plastic cover shall be got approved from the executive engineer before fixing)	7315.38	Each	21946.14
23	2.00	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 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 antisiphonage connection, curing, etc. all complete and as directed by the departmental officers. (In Ground floor)	3428.90	Each	6857.80
		Data			

Sl. No.	Qty	Description	Rate	Unit	Amount
1	2	3	4	5	6
24	5.00	Supplying and fixing of porcelin wash hand basin (White), superior variety of size 550x400mm with all accessories such as powder coated cast iron brackets, 32mm dia c.p. waste coupling, rubber plug and aluminium chain, 32mm dia 'B' class G.I. PVC waste pipe, angle valve, 15mm dia nylon connection, 15mm dia brass nipples, 15mm C.P. pillar tap & required grating etc., complete in all respects (wash hand basin shall be got approved by the executive engineer before fixing).	3416.50	Each	17082.50
25	5.00	Supplying & fixing of bevelled edge mirror of approved quality and brand of size 500x400x5.5mm 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	1991.50
26		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 etc.. in all respects	*		
	0.063	(a) Teak wood over 2.00 metre and below 3.00 metre length	125974.50	Cum.	7936.39
	0.036	(b) Teak wood below 2.00 metre length	113774.50	Cum.	4095.88
	2.400	T.W DOOR SHUTTER TWO LEAVES(1200 X 2100 mm) with Brass Fittings	7230.00	Sqm	17352.00
28	2.40	Painting the new iron 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.	142.73	Sqm.	342.55
29	2.00	Supplying and erection of rotational moulded polyethylene water storage tanks (HDPE cylindrical vertical type) for outdoor use having capacity 1000 of litres (excluding free board) of approved brand (superior variety) with ISI mark (marked in the tank itself) with top lid with provisions of locking including necessary specials and fittings for storing potable water and manufactured with material which do not import any taste /odour/ any toxic effect and not to contaminate etc., with carbon block content and dispersion in accordance with relevant I.S. specification and as directed by the departmental officers etc., complete. (the tank should be got approved form the executive engineer before use)	10050.00	Each	20100.00
		Wiring with 1.5 Sqm.m 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 with continuous earth by means of 1.5 Sqm.m 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 PVC rigid conduit pipe heavy duty with isi mark with suitable size ms box of 1 no. (each) 16 g thick concealed and covered with 3mm thick laminated hylem sheet for 5 amps flush type switch including circuit mains, cost of all materials, specials etc., all complete	*		
30	23.00	(a) Light point with ceiling rose	1692.10	Each	38918.30

Sl. No.	Qty	Description	Rate	Unit	Amount
1	2	3	4	5	6
	18.00	(b) Light point without ceiling rose	1695.10	Each	30511.80
31	14.00	Wiring with 1.5 Sqm.m 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 with continuous earth by means of 1.5 Sqm.m 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 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 SWITCH BOARD ITSELF including circuit mains, cost of all materials,	869.50	Each	12173.00
32	28.00	Wiring with 1.5 Sqm.m 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 with continuous earth by means of 1.5 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 pvc rigid conduit pipe heavy duty with isi mark with suitable size ms box of 1 no (each) 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	1174.40	Each	32883.20
33	8.00	Wiring with 1.5 Sqm.m 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 with continuous earth by means of 1.5 Sqm.m 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 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 FAN POINT controlled by 5 amps flush type switch including circuit mains, cost of all materials, specials, etc., all complete	1767.10	Each	14136.80
34	18.00	Wiring with 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990 for Fan point .(Open wiring)	1008.20	RMT	18147.60
35	26.00	Supplying 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 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). Data	1552.00	Each	40352.00
36	26.00	Charges for assembling and fixing of ceiling fan of different sweep with necessary connections and fixing of fan regulator on the existing board etc., all complete (excluding cost of fan).	601.00	Each	15626.00
37	4.00	Supplying and fixing of best approved superior variety concealed type fibre box with M.S Fan hook of 100 mm dia 75 mm depth and 3 mm 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	33.90	Each	135.60

Sl. No	Qty	Description	Rate	Unit	Amount
1	2	3	4	5	6
38	23.00	Supplying and fixing of 4"18 watts Crystal LED tube light fittings 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)	705.00	Each	16215.00
39	18.00	Supplying and fixing of 9W LED Bulb and fixing the bulb 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)	135.00	Each	2430.00
40	13.00	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	150.00	Each	1950.00
41	6.00	Supplying and fixing of half turn brass core CP 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 the executive engineer before use)	495.00	Each	2970.00
42	6.00	Supplying and fixing of half turn brass core CP 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 the executive engineer before use)	447.00	Each	2682.00
43		Supply ,laying & jointing the following pipes as per ASTM D 1785 of schedule 40 with UPVC Specials			
	35.00	Supplying and delivery of 32mm dia UPVC Pipe including cost of all materials and labour charges all complete complying with relevant standard specifications and as directed by the departmental officers	262.04	Rmt	9171.40
	87.00	Supplying and delivery of 25mm dia UPVC Pipe including cost of all materials and labour charges all complete complying with relevant standard specifications and as directed by the departmental officers	244.04	Rmt	21231.48
	9.80	Supplying and delivery of 20mm dia UPVC Pipe including cost of all materials and labour charges all complete complying with relevant standard specifications and as directed by the departmental officers	241.19	Rmt	2363.66
44	35.00	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 Ellis pattern 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 standard specifications.	459.65	Sqm.	16087.75
45	29.30	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 32:12½ 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 officers.	3794.13	Cum.	111168.01

Sl. No.	Qty	Description	Rate	Unit	Amount
1	2	3	4	5	6
46	319.90	Finishing the top of roof with one course of hydraulic pressed tiles of approved superior quality of size 23cmx23cmx20mm 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 the tiles shall be got approved from the executive engineer before use.)	1232.75	Sqm.	394356.73
47	12.00	Construction of Inspection chamber of size 60x60x75cm including Earth work excavation including refilling, Brick work allround over Cement Concrete 1:8:16 with necessary plastering and cover slab etc all complete and as directed by the departmental officers	7269.04	Each	87228.48
48		Supplying and fixing the following dia Non Pressure pipe of SN8 SDR 34 with ISI mark confirming to IS 15328/2003 for soil line with including 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 portion with necessary connections to sanitary fittings etc., complete in all respects and as directed by the departmental officers.	*		
	43.00	a. 110 mm UPVC Non Pressure pipe	491.50	Rmt	21134.50
49		Supplying and fixing of Precast cupboard slab 40 mm for cupboard/ward robes shelves, cover slab for chambers, baffle walls side slabs of boxing around windows and other similar works in standardized cement concrete M20 using hard broken stone jelly of size 10mm and less for the following thickness excluding the cost and fabrication of reinforcement grills but including precasting, moulding, curing, finishing and fixing in position complying with relevant standard specifications etc., complete in the following floors (measurement will be taken	*		
	9.80	a. In Foundation & basement	1694.08	Sqm.	16601.98
50	313.00	Run off main with 2 wires of 1.5 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 1.5 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.	214.90	Rmt	67263.70
51	3.00	Supplying Fixing of Microteck 5.5 KVA inverter pure sinewave as per relevant standard specification and as directed by the departmental officers. (The quality and brand should be got approved from the executive engineer before use)	120000.00	Each	360000.00
52	40.20	Doors & windows including removal of frames, hinges and	146.58	Sqm	5892.52
53	40.20	Refixing of best indian TW single leaf panelled door shutters including labour charges and cost of furniture fittings as per schedule 'e' with brass screws and as directed by the departmental officers	1056.59	Sqm	42474.92

Sl. No	Qty	Description	Rate	Unit	Amount
1	2	3	4	5	6
54	30.10	Painting the old 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 including thorough scrapping with 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	144.82	Sqm	4359.08
55	62.40	Painting the old wood work with two coats of approved first class synthetic enamel ready mixed paint 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.	164.46	Sqm	10262.30
56	2.00	25mm dia GI Gun Metal Gate Valve (Heavy Duty) PWD SOR 2022-2023 P 56	592.00	Each	1184.00
57	1.00	Supplying and fixing of 1 no. three phase distribution board with 8 way per phase 30A / per way with neutral link on suitable well varnished teakwood plank including necessary inter connections and earth connections cost of all materials etc. all complete	5325.60	Each	5325.60
58	1.00	supplying and fixing of 32 amps triple pole main switch with fuse and neutral link on a suitable well varnished teak wood board including necessary inter connection cost of all materials etc., all complete and as directed by the departmental officers.	2195.00	Each	2195.00
59	18.00	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	1858.00	Each	33444.00
60	152.00	Run off main with 2 wires of 2.5 Sqm.m 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 Sqm.m PVC insulated single core multi strand fire retardant flexible copper cable with 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	232.90	Rmt	35400.80
61	3.00	Supplying and fixing of Rotary switch with 3 nos Indicator lamps including interconnection wire etc Quotation	950.00	Each	2850.00
62	20.00	Run off mains with 4 wires of 6 Sqmm copper PVC insulated unsheathed single core 1.1KV cable wire continuous earth by means of 2.5 Sqmm copper PVC insulated unsheathed single core 1.1 KV grade cable in fully concealed 19 mm / 20 mm dia rigid PVC conduit pipe heavy duty with ISI mark including cost of all materials, specials, etc., all complete.	501.08	Rmt	10021.60

Sl. No	Qty	Description	Rate	Unit	Amount
1	2	3	4	5	6
63	6.40	Providing and fixing of factory made unplasticized polyvinyl chloride (upvc) door frame of size 50X47MM with a wall thickness of 5MM, made out of extruded 5MM rigid upvc foam sheet, mitered at two corners and joined with 2 nos. 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 gauges with primer coat. The door frame shall be fixed to the wall using 65MM/100MM long m.s screw through the frame by using pvc fasteners. A minimum of 4 nos. Screws to be provided for each vertical member and minimum 2 nos. For horizontal member etc., providing and fixing of 30MM thick factory made door shutter with unplasticized polyvinyl chloride (upvc) solid panel foam sheet, structured with m.s.tube of 19 gauge thickness and size 19MM x 19MM for styles and 15MM x 15MM for top rail and bottom rail. Paneling of 5MM thick upvc one side printed lamination single sheet to be fitted in the m.s frame welded / sealed to the styles and	3325.00	Sqm	21280.00
64	6.00	Supply and fixing of 3 phase 4 wire 4 way ICDB of 16A per way with 32A TPNMC switch with suitable MS cable entry boxes trunking box and internal connections on suitable angle iron frame work with PWD earthing	8431.00	Each	50586.00
65		Brick partition walls 70mm thick using kiln burnt country bricks of size 8 ¾" x 4 ¼"x 2 ¾" (22x11x7cm) in cement mortar 1:4 (one of cement and four of sand) for super structure in the following floors including scaffoldings, curing etc., complete in all respects complying with relevant standard specifications and drawings.	*		
	7.60	(b) In Ground Floor Data	567.88	Sqm	4315.89
66		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., complete 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)			
	6.50	(a) In Ground floor	564.47	Each	3669.06
Sub total-I					2800421.31
67	GST @ 18%				504075.84
Subtotal-II					3304497.15
68	Labour Welfare Fund @ 1%				28004.21
69	Provision for Contingencies supervision charges @ 2.5%				82612.43
70	Supervision Charges @ 7.5%				247837.29
Total					3662951.08
	Say				Rs. 36,63,000.00


 Chief Engineer
 11/4/23

