

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 State Agri - Chennai/2023 Dated: 03.11.2023

To

The Additional Registrar/ Managing Director,
Tamil Nadu Co-Operative State Agriculture and
Rural Development Bank Ltd,
No-181, Luz church road, Mylapore,
Chennai – 600 004.

Sir,

Sub: TNPHC Ltd - HO - Plg - Renovation and Modernization of Tamil Nadu Co-operative State Agriculture & Rural Development Bank limited Head office at Mylapore in Chennai city - Estimate proposal and willingness - Furnished - Approval requested - Regarding.

Ref: The Additional Registrar/ Managing Director, Tamil Nadu Co-Operative State Agriculture and Rural Development Bank Ltd, Chennai, Lr.No.Development/Co.2165-B7/HO/2023-24, Dated: 26.07.2023.

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The Additional Registrar/ Managing Director, Tamil Nadu Co-Operative State Agriculture and Rural Development Bank Ltd, has requested to furnish the estimate proposal for Renovation and Modernization of Tamil Nadu Co-operative State Agriculture & Rural Development Bank limited Head office at Mylapore in Chennai city.

2. Accordingly, the estimate is prepared based on the PWD SR 2023-24 rates. The estimate value works out to ₹ 81,16,000/- 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

TAMIL NADU POLICE HOUSING CORPORATION LIMITED

Name of Work: Renovation and Modernization of Tamil Nadu Co-Operative State Agriculture and Rural Development Bank Ltd Head office at Mylapore in Chennai City.

GENERAL ABSTRACT

SL. No	QTY	DESCRIPTION	RATE	Unit	Amount
			AS PER	PWD SR	2023-24
1		GROUND FLOOR			
	1.00	Corridoor and Stair Lobby	110995.18		110995.18
2		FIRST FLOOR		182	
	1.00	a.Corridoor and Stair Lobby	165479.14	54	165479.14
	1.00	b.President Room	61172.55		61172.55
	1.00	c.Account section & DGM Room	1305759.60		1305759.60
	1.00	d. Library Room ,SCARD Room Account section	1215482.37		1215482.37
	1.00	e. President PC Room	58748.97		58748.97
	1.00	f. Auditor room	54207.03		54207.03
	1.00	g.DD Audit Room	168342.05		168342.05
3		SECOND FLOOR			
	1.00	a. Corridoor and Stair Lobby	167495.14		167495.14
n.	1.00	b. GM F & A Room	139242.55		139242.55
1	1.00	c. MD Room /Dinning Room	604734.24		604734.24
	1.00	d.MD PC Room	60197.88		60197.88
	1.00	e. Computer Room , Pooja room & New GM Room	690042.42		690042.42
	1.00	f. Account section 1 (DGMA ROOM)	1264900.45		1264900.4

SL. No	QTY	DESCRIPTION	RATE	Unit	Amount
4		Third Floor			and the latest terms and the latest terms are the latest terms and the latest terms are the l
	1.00	a. Corridoor and Stair Lobby	137655.24		137655.24
			SUB - TOTAL	- II Rs.	6204454.81
5		GST at 18 % (GST at 9 % + CGST 9 %)			1116801.87
			SUB - TOTAL -	III Rs.	7321256.68
6		Labour Welfare fund @ 1%			62044.55
7		Provision for Unforeseen tems, Contingencies and petty supervision charges at 2.5 %			183031.42
8		Supervision Charges @ 7.5 %			465334.11
9		GST @ 18% for Supervision Charges			83760.14
		GRAND TOTAL Rs.			8115426.90
		SAY	- 14 1		8116000.00

Chief Engineer
Tamilnadu Police Housing Corporation Ltd.
Channai - 600 010.

* Name of Work: Renovation and Modernization of Tamil Nadu Co-Operative State Agriculture and Rural Development Bank Ltd Head office at Mylapore in Chennai City.

	City				
SL. No.	Description	Rate	Unit	Total Qty	Total Amoun
1	Thorough scrapping of old plastered surface including labour chareges and using any machineres in all etc complete	4.62	Sqm	1628.70	7524.59
	PWD SR 2023-24 Page 26 (Original Rate +10%)				
2	Removing ligh point with ceiling rose and with out ceiling rose,5AMPS Switch board & convyence place including labour charges and using any machinaries in all etc	230.00	Nos	178.00	40940.00
3	Painting the OLD walls with one COAT OF PATTY including cost of paints, putty, brushes, watering, scraping, curing, etc., all complete as directed by the departmental officers (paints and its shade shall be got approved from the Executive Engineer before use).in all etc	103.20	Sqm	1549.10	159867.12
4	Painting Two coats of Old Walls with ready mixed PLASTIC EMULSION PAINT of first class quality paint of approved colour and shade or other similar works, including cost of necessary brushes, labour charges, 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.)	178.00	Sqm	1549.10	275739.80
5	Supplying and fixing Using perforated Sheets (10mm thick) including mcost of materials and labour chrages including all etc	994.00	Sqm	615.50	611807.00
	PWD SR 2023-24 Page No.58				
6	Supplying laying Vinyle flooring including mcost of materials and labour chrages including all etc	552.00	Sqm	613.00	338376.00
	PWD SR 2023-24 Page No.61	-			4-sk
7	Wirng with 1.5 sqmm copper PVC insulated unsheathed single core 1.1 KV grade cable with continuous earth by means of 1.5 sqmm copper PVC insulated unsheathed single core 1.1 KV grade cable confirming to IS 694 / 1980 with ISI mark in 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 LIGHT POINT WITH CEILING ROSE controlled by 5 amps flush type switch including citcuit mains, cost of all materials, specials, etc., all complete,(Open wiring)	921.20	Nos	94.00	86592.80

SL. No.	Description	Rate	Unit	Total Qty	Total Amount
8	Open Wirng with 1.5 sqmm copper PVC insulated unsheathed single core 1.1 KV grade cable with continuous earth by means of 1.5 sqmm copper PVC insulated unsheathed single core 1.1 KV grade cable confirming to IS 694 / 1980 with ISI mark in 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 Switch Board itself (OPEN WIRING) including citcuit mains, cost of all materials, specials, etc., all complete,	869.50	Nos	35.00	30432.50
9	Open Wirng with 1.5 sqmm copper PVC insulated unsheathed single core 1.1 KV grade cable with continuous earth by means of 1.5 sqmm copper PVC insulated unsheathed single core 1.1 KV grade cable confirming to IS 694 / 1980 with ISI mark in 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 (OPEN WIRING) including citcuit mains, cost of all materials, specials, etc., all complete,	693.34	Nos	59.00	40907.06
10	Supplying and fixing of 4 feet 18 W led tube light fittings with LED bulb including necessary connections, Labour charges cost of materials etc., all complete (The material should be got approved from the Executive Engineer before use)	705.00	Nos	95.00	66975.00
11	Supplying and fixing of 24 LED 4000K 2X2 square type recessed fittings with LED bulb including necessary connections, Labour charges cost of materials etc., all complete (The material should be got approved from the Executive Engineer before use)	3914.00	Nos	38.00	148732.00
12	Wirng with 1.5 sqmm copper PVC insulated unsheathed single core 1.1 KV grade cable with continuous earth by means of 1.5 sqmm copper PVC insulated unsheathed single core 1.1 KV grade cable confirming to IS 694 / 1980 with ISI mark 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 POINT WIRING WITH CALLING BELL/BUZZER WITH PUSH TYPE SWITCH FOR ALL TYPE OF BUILDINGS including citcuit mains, cost of all materials, specials, etc., all complete,(OPEN WIRING)	961.20	Nos	27.00	25952.40

Description	Rate	Unit	Total Qty	Total Amoun
wirng with 1.5 sqmm copper PVC insulated unsheathed single core 1.1 KV grade cable with continuous earth by means of 1.5 sqmm copper PVC insulated unsheathed single core 1.1 KV grade cable confirming to IS 694 / 1980 with ISI mark in 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 FOR ADMINISTRATIVE BLOCKS AND COMMUNITY CENTRE controlled by 5 amps flush type switch including citcuit mains, cost of all materials, specials, etc., all complete,(Open wiring)	1008.20	Nos	56.00	56459.20
Run off mains with 2 wires of 2.5 Sqmm copper PVC insulated unsheathed single core 1.1KV cable wire contuinuous earth by means of 1.5 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.(2 X 2.5 Sq mm in fully concealed PVC conduit (open wiring)	149.40	Rmt	508.00	75895.20
Supplying and fixing of 15 Amps 3 pin flush type plug socket on suitable MS box of 16g thick open and covered with 3 mm thick laminated hylem sheet inclusive of all materials, etc., all complete.	150.00	Nos	36.00	5400.00
Supplying and fixing of gongbell 12" size suitable for 250V including fittings and labour charges in all etc	602.00	Nos	16.00	9632.00
PWD SR 2023-24				
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). a) 48" Electric Fan 1200mm sweep	1552.70	Nos	44.00	68318.80
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	Nos	44.00	26452.80
Supplying and fixing of Hydraulic Door Closer of various sizes of approved quality using Aluminium Extruded Section Body Tubular Type Universal Hydraulic Door Closer with Double Speed Adjustment like HARDWYN (make) 'GAZEL' (or) Equivalent (with ISI Monogram)	1008.00	Nos	3.00	3024.00
	wirng with 1.5 sqmm copper PVC insulated unsheathed single core 1.1 KV grade cable with continuous earth by means of 1.5 sqmm copper PVC insulated unsheathed single core 1.1 KV grade cable confirming to IS 694 / 1980 with ISI mark in 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 FOR ADMINISTRATIVE BLOCKS AND COMMUNITY CENTRE controlled by 5 amps flush type switch including citcuit mains, cost of all materials, specials, etc., all complete,(Open wiring). Run off mains with 2 wires of 2.5 Sqmm copper PVC insulated unsheathed single core 1.1 KV cable wire contuinuous earth by means of 1.5 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.(2 X 2.5 Sq mm in fully concealed PVC conduit (open wiring) Supplying and fixing of 15 Amps 3 pin flush type plug socket on suitable MS box of 16g thick open and covered with 3 mm thick laminated hylem sheet inclusive of all materials, etc., all complete. Supplying and fixing of gongbell 12" size suitable for 250V including fittings and labour charges in all etc PWD SR 2023-24 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). 3 48" Electric Fan 1200mm sweep 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) Supplying and fixing of Hydraulic Door Closer of various sizes of approved quality using	wirng with 1.5 sqmm copper PVC insulated unsheathed single core 1.1 KV grade cable with continuous earth by means of 1.5 sqmm copper PVC insulated unsheathed single core 1.1 KV grade cable confirming to IS 694 / 1980 with ISI mark in 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 FOR ADMINISTRATIVE BLOCKS AND COMMUNITY CENTRE controlled by 5 amps flush type switch including citcuit mains, cost of all materials, specials, etc., all complete,(Open witcina). 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Supplying and fixing of gongbell 12" size suitable for 250V including fittings and labour charges in all etc PWD SR 2023-24 Supply and delivery of following Electric Ceiling fan with ISI mark with blades and double ball bearing, capacitor, etc., complete with 30mm 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). a) 48" Electric Fan 1200mm sweep 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) Supplying and fixing of Hydraulic Door Closer of various sizes of approved quality using	wirng with 1.5 sqmm copper PVC insulated unsheathed single core 1.1 KV grade cable with continuous earth by means of 1.5 sqmm copper PVC insulated unsheathed single core 1.1 KV grade cable confirming to IS 694 / 1980 with ISI mark in 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 FOR ADMINISTRATIVE BLOCKS AND COMMUNITY CENTRE controlled by 5 amps flush type switch including citcuit mains, cost of all materials, specials, etc., all complete, (Open wire contuinuous earth by means of 1.5 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. 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(The brand should be got approved from the Executive Engineer before supply made). a) 48" Electric Fan 1200mm sweep 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) Supplying and fixing of Hydraulic Door Closer of various sizes of approved quality using Aluminium Extruded Section Body Tubular Type Universal Hydraulic Door Closer with Double Spee

SL. No.	Description	Rate	Unit	Total Qty	Total Amount
20	Supply & Fixing of Bevelled edge mirror of approved quality and brand of size Special Type Mirror of size 1000 x 780mm 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	2575.00	Nos	7.00	18025.00
	PWD SR 2023-24 Page No 56				
21	Supplying and fixing of CP Two Way Bib Cock with Health Faucet including fittings & labour charges in all etc	2360.00	Nos	7.00	16520.00
22	Supplying and fixing of CP Angle Cock Tap including fittings charges & labour charges in all etc	1076.00	Nos	7.00	7532.00
23	Supplying and fixing Brass Chromium Plated Soap Tray of size 150mm x100mm including labour chaegs using any equipments in all etc complete	465.00	Nos	7.00	3255.00
24	Supplying and fixing Brass Chromium Plated Towel Rail 60cm long and 20mm dia with Brackets including labour chaegs using any equipments in all etc complete	569.00	Nos	7.00	3983.00
25	Supplying and fixing of PVC Nahani Trap not less than 75mm 4 way / 2 way (Superior variety) having minimum of water seal of 50mm confirm to relevant I.S. 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 40 mm 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	Nos	7.00	1120.00
26	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 114 mm thick using chamber burnt bricks of size 9"x4-1/2"x3" (23x11.4x7.5cm) 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 departmental officers.	2169.60	Nos	1.00	2169.60
27	Painting one coat of OLD Iron work and other similar works such as grills with two coats of approved second 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 etc., all complete in all respects.	96.92	Sqm	103.30	10011.84

SL. No.	Description	Rate	Unit	Total Qty	Total Amount
28	Painting one coat of OLD wood work with two coats of approved second 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.	104.33	Sqm	103.34	10781.46
29	Supplying and fixing EWC Colour superior variety 500mm including cost and fixing of double flapped coloured plastic sheet cover PVC flusing cistern in appropriate level as directed by the departmental offcers at a maximum level of 5'6" and of approved brand of 10 litres capacity including fittings such as CI brackers. PVC connection GM wheel valve, Hex Nipple, etc., complete (EWC and plastic cover shall be got approved from the Executive Engineer before fixing)	7516.55	Nos	6.00	45099.30
30	Supplying and fixing of porcelain wash hand basin colour with pedastal) superior variety of size 550x400mm with all accessories such as poweder coated cast iron brackets, 32mm dia CP waste coupling, rubber plug and aluminium chain, 32mmdia 'B' class GI 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)	3495.67	Nos	6.00	20974.02
31	Supplying of 19mm (3/4") dia steam pipe for fan down rod including cost of pipes in all complete and as directed by the departmental officers.	52.80	Nos	42.00	2217.60
	Electrical SR 2023-24 SD 106				
32	Removing Ceiling Fan including labour charges and using any machineries in all etc	115.00	Nos	38.00	4370.00
33	Providing Wall Partiton using both side water proof plywood with laminated sheet with following specification fixing both side water proof plywood of 19mm thick over the aluminium frame work with necessary screws. Two side Laminated Sheet 1mm thick will be fixed over the plywood using fevical and the rate inclusive of conveyance to site and labour charges and as directed by the Departmental Officers. The design pattern, water proof plywood, Decorative laminated sheet and other materials to be used shall be got approved by the Executive Engineer concerned before use on work etc., complete.	6230.00	Sqm	243.00	1513890.00

SL. No.	Description	Rate	Unit	Total Qty	Total Amount
34	Supply and fixing of 20A DP plug and socket in sheet enclosure with 32A DP MCB in flush with wall with earth connection (For AC Plug) [Legrand (MDS) / Hager (L&T) Make] including labour charges in all etc	1858.00	Nos	17.00	31586.00
	Electrial SR 2023-24 SD 140				
35	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).	503.00	Nos	12.00	6036.00
36	Supplying and fixing the following dia PVC (SWR) pipe with ISI mark confirming to IS 13952:1992-type 'B' for soil line with relevant specials confirming to IS 14735 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.				
	a) 110mm dia PVC SWR pipe including all required PVC specials etc., all complete.,	758.37	Rmt	46.90	35567.55
	b) 75 mm dia PVC SWR pipe including all required PVC specials etc., all complete.,	641.07	Rmt	50.00	32053.50
37	SUPPLY & INSTALLATION OF AIR-CONDITIONER WITH COPPER COIL 1.5 TR Split Type AC 3 star Unit including labour charges and necessary earth connection in all etc	33170.00	Nos	9.00	298530.00
38	PWD SR 2023-24 page No.153 Supply and installation of 5 KVA capacity Automatic Voltage Stabilizer with time delay relay (V-Gurad / Equivalent) including labour charges in all etc	4940.00	Nos	9.00	44460.00
39	Supply and laying of 5/8" and 3/8" copper pipe (Extra beyond 3 metres supplied with AC unit) including labour charges in all etc	940.00	Nos	117.00	109980.00
	PWD SR 2023-24 page No.153				
40	Supply and fixing of MS stand for fixing outdoor unit including labour charges in all etc	1088.00	Nos	18.00	19584.00
	PWD SR 2023-24 page No.153				
	Supply and fixing of water drain pipe line (1" PVC Pipe) including cot of materials and labour charges	64.10	Nos	72.00	4615.20

SL. No.	Description	Rate	Unit	Total Qty	Total Amount
	PWD SR 2023-24 page No.154				
42	Run off mains with 2 wires of 4 Sqmm copper PVC insulated unsheathed single core 1.1KV cable wire contuinuous earth by means of 1.5 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. (open wiring)	179.80	Rmt	385.00	69223.00
43	Providing and fixing of STORAGE UNIT BOX TYPE with shutter of required size and the carcase will be made out of 16mm BWR grade plywood(IS303) of approved brand and will be laminated with 0.6mm approved and(offwhite)laminate on both sides and finished with 0.5mm edge band on all four sides .STORAGE shutters will be made out of 18mm BWR grade plywood(IS303)and laminated with 0.6mm laminate on the inner side and the outer side will be POST-FORMED with 0.6mm designer FLEX laminate of approved colour and finished with 2mm edge band on all four sides . The shutters will be fixed with the frame by using special hinges of required quantity and will be provided with SS handle of size 6",one number universal lock and two numbers SS cranked tower Quotation	14531.00	Sqm	87.70	1274368.70
44	Supplying and fixing 20mm dia GI pipe fully walls conceladed in all etc	353.70	Rmt	14.44	5107.43
45	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 officers.	4044.41	Cum	1.30	5257.73
46	Supplying and fixing of colour Ceramic Tiles Anti skid without corrugated design for flooring and other similar works (Best approved quality, colour and shade shall 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 departmental officers. (The brand quality of tiles should be got approved from EE before use).		Sqm	26.20	33579.23

SL. No.	Description	Rate	Unit	Total Qty	Total Amount
47	Supplying and fixing of Colour glazed tiles (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 EE before use).	1465.17	Sqm	90.70	132890.92
48	Plastering with CM 1:3 (one of cement and three of sand) 12 mm thick mixed with water proofing compound (CICO) at the rate of 2 kg / 10 sq.m including curing etc., all complete complying with relevant standard specification.	296.75		2.80	830.90
49	Brick partition wall in Cement Mortar 1:4 (One of cement and four of sand) 114mm thick for super structure in the following floors using chamber burnt bricks of size 9"x4½"x3" (23x11.4x7.5cm) including labour for fixing the doors, windows and ventilator frames in position, fixing of hold fasts, scaffoldings, curing etc., complete in all respect complying with relevant standard specifications and drawings.	912.88	Sqm	14.60	13328.05
×	c. Second Floor	932.84	Sqm	8.40	7835.86
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.	271.98		70.90	19283.38
51	Painting the New walls with two coats of 1st class ready mixed plastic emulsion paint of best approved quality colour and shade including a priming coat, including clean removal of dirt and dust etc., complete including cost of necessary brushes, labour charges, putty 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 from the Executive engineer before use.)	248.97	Sqm	67.20	16730.78

SL.	Description	Rate	Unit	Total Qty	Total Amount
140	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 granite stone jelly for the all RCC items of works with minium cement content of 400 Kg/m3 and maximum water cement ratio of 0.45, including admixture (plasticiser/super plasticiser) in recommended proportions as per IS:9103 to				
52	accelerate, retard setting of concrete, improve workability without impairing strength and durability with about (5.0 cum) 7730Kg of 20mm machine crushed stone jelly and with about (3.3 cum) 5156 Kg of 10-12mm machine crushed stone jelly and with about (4.79 cum) 7670Kg of sand (for making 10 cum) but excluding cost of reinforcement grill and fabricating charges, centering and shuttering	9203.69	Cum	0.10	920.37
53	c. Second Floor 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 90cm x 60cm 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 and	9463.40	Cum	0.10	946.34
	b. Plain surfaces such as Roof slab, floor slab, Beams, lintels, lofts, sill slab, staircase, portico slab and other similar works	1027.42	Sqm	0.80	821.94
54	Supplying, fabricating and placing in position of Ribbed Tor Steels (without cement slurry) of all diameters for reinforcement for all floors including cost of binding wire, bending tying etc., all complete and as directed by the departmental officers.	92055.30	MT	0.012	1104.66
55	Providing Solid PVC Door Shutters using 19 Gauge 19mm MS square tubes for styles and outer frames. 15mm MS square tubes for top, lock and bottom rails. The steel tubes shall be covered with 5mm thick solid PVC Sheets. Shutter using 5mm thick solid PVC Sheets for panelling shall rigidly fixed in position including necessary furniture and fittings. The over all size of styles shall be 50mm x 30mm. The over all size of top rail, lock rail and bottom rail shall be 75mm x 30mm. The over all size of frames shall be 50mm x 45mm with suitable rabate for housing the shutter	3325.00	Sqm	5.20	17290.00
56	Anticorrosive for Steel	4865.50	МТ	0.012	58.39

SL. No.	Description	Rate	Unit	Total Qty	Total Amount
57	Supplying and fixing of Solid Core Flush Shutters with teakply on both side with teakwook lipping alround 35mm thick with TW palin Labour for Wrought & Putup,Door Handle with CP screws 6',5" Butt Hings,6"x1/2" Tower Bolt,10"x5/8" Aldrop,Brass Screws,Rubber bush,Door Stopper including labour charges in all etc a) 1000x2100mm (single leaf)	3033.96	Sqm	2.10	6371.32
	b) 1200x2400 (Double leaf)	3328.09	Sqm	9.00	29952.81
58	Dismantling Brick Masonry in lime mortar walls under 3m high including labour charegs and using any equipments in all etc	283.14	Cum	2:20	622.91
	PWD SR 2023-24 Page No.21				
59	Removing Electrical pipe lines including labour charges in all etc	115.00	Rmt	491.00	56465.00
60	Brick work in Cement Mortar 1:6 (One of cement and six of sand) using Kiln burnt chamber bricks of size (23x11.4x7.5 cm) 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 respect complying with relevant standard specifications and drawings In First Floor	7166.43	Cum	2.40	17199.43
61	Supplying and fixing of 300 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 material, labour for fixing, chipping and redoing necessary inter connection, scaffolding, hire charges for tools and plants etc., all complete as directed by the departmental officers.	2363.00	Nos	2.00	4726.00
62	Removing Floor finish and dadooing walls in cement mortar with Mosaic Tiles / Glazed Tiles / including labour charegs in all etc	61.27	Sqm	140.10	8583.93
PEH	PWD SR 2023-24 page no.22				I some
63	Removing EWC including labour charegs and using any equipments in all etc	347.00	Nos	2.00	694.00
64	Removing wash basin including labour charegs and using any equipments in all etc	299.00	Nos	2.00	598.00
65	Removing Wall panelling including labour charges using any machinerys in all etc	179.00	Nos	73.00	13067.00
66	Suppling and layin of Double Charged Vitrified Tiles 600 x 600 x 8mm in CM 1:3 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.all etc	1885.81	Sqm	77.00	145207.37
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