



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

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Lr. No. CE / Plg/Connemara Public Library/2023

Dated: 30.08.2023

To

The Librarian(i/c),
Connemara Public Library,
Egmore,
Chennai – 600008.

Sir,

Sub: TNPHC – Plg – H.O – Additional works for Improvements in meeting hall, Maraimalai Adigal Library and digital room including inner painting, CCTV arrangement, PA system, replacing existing lift, providing UPVC windows and replacing of damaged AC sheets with Puff panel roofing for Connemara Public Library building at Egmore in Chennai city – Estimate proposal – Furnished – Approval requested - Regarding.

Ref: The Librarian(i/c)/Connemara Public Library, Egmore, Lr.No.537/ ௮3/2023,

Dtd: 17.07.2023.

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The Librarian(i/c)/Connemara Public Library has requested to furnish the estimate for additional works for Improvements in meeting hall, Maraimalai Adigal Library and digital room including inner painting, CCTV arrangement, PA system, replacing existing lift, providing UPVC windows and replacing of damaged AC sheets with Puff panel roofing for Connemara Public Library building at Egmore in Chennai city.

2. Accordingly, the estimate is prepared based on the PWD SR rates for the year 2023-24 rates. The Estimate value works out to ₹ **1,70,06,000/-** including GST at 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.

Encl: As above.


Chief Engineer


Tamil Nadu Police Housing Corporation Limited

Abstract Estimate

Name of Work: Additional works for improvements in Meeting Hall, Maraimalai Adigal Library and digital room including Inner Painting, CCTV arrangement, PA system, replacing existing lift, providing UPVC windows and replacing of damaged AC sheets with Puff panel roofing for Connemara Public library building at Egmore in Chennai city.

Sl. No	Qty	Description of items	Rate	Per	Amount
1	709.00	Labour charges for removing the existing AC Sheet Roofing without roof timbers and without affecting the adjacent structures including cost of required tools and plants etc., al complete nd as directed by the departmental officer	17.66	Sqm	12,520.94
2	709.00	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 us lifting using cranes, labour charges for erection, cost of all materials involved etc all complete and as directed by the departmental	3,600.00	Sqm	25,52,400.00
3	91.00	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	1,600.00	Rmt	1,45,600.00

Sl. No	Qty	Description of items	Rate	Per	Amount
4	36.00	Supplying and fixing of Ridge made out of 0.47mm thick colour coated galvanized steel sheet. The both sides will be of 275mm, center angle will be of 120mm and both end drop will be of 30mm. This sheet will be fixed with self- drilling screws. 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 etc., complete and as directed by the departmental officers. All the materials used on work should be got approved by the executive engineer before use on works	1,100.00	Rmt	39,600.00
5	197.00	Removing the damaged broken door/window /ventilators including the removal of frames, hinges, fastenings and shutters from the existing structure and stacking the same carefully for reuse if any in the departmental stores at site of work and as directed by the departmental officers etc., all complete (including removing the turniture fittings such as hinges, hooks and eyes etc.,)	153.56	sqm	30,251.32
6	197.00	Supplying and fixing UPVC (Un-Plasticized Polyvinyl Chloride) Windows of casement type (open) from the profile the size of outer frame 60mm x 58mm and shutter profile are reinforcement with GI/1mm 125GSM and 100% corrosion free, the profiles are multi chambered sections with wall thick of 2mm. The EPDM rubber (black colour) covered with over all the edges of frame and shutter the shutter will be provided with Espag multi power point locks and also it operates as handle. The corners and joints should be welded and cleaned. Radiations free pin headed plain or brown colour glass 4mm thick should be provided to the shutter and it should not allow leakage of water even at most ranging storms and should have key lockable action, security protective hinges, strong locking systems and as per size for arresting noise and energy loss. The connecting mechanism between sash and outer frame that enables opening of the window. The window should be fixed to the wall with 100% packing with screws and silicon packing all round the frames. The window should be got approved from the Executive Engineer before use on work	7482.00	Sqm	14,73,954.00

Sl. No	Qty	Description of items	Rate	Per	Amount
7	3.00	<p>Providing and fixing casement doors fabricated from un-plasticized polyvinyl chloride (uPVC) sections. Profiles: The profiles should be three chamber system which provides high insulation properties with outer frame 60mm x 55mm with an outer wall thickness of 2.4mm. The window unit should be designed with all corner joints mitred and fusion welded. Windows should be steel reinforced with 25 x 24 x 25mm steel reinforcement with a thickness of 1mm to have dimensional stability. The sash should be of 60 x 102mm. The mullion should be of 60 x 74mm. The profiles should have co-extruded seals.</p> <p>Hardware: All the hardware like friction stays, handles should be screwed with self tapping screws. The handles, locks should be designed so that they cannot be released from outside.</p> <p>Glazing: The window system should be glazed with 5mm plain float glass / 6mm bison lam</p> <p>Installation: The profiles should be cut to length and welded 45 degrees. The window should be designed such that the water drainage does not pass through the reinforcement chamber. The window system should be fixed directly to the plastered brick wall using self expanding nylon plug and driving ms electroplated screws into plug.</p>	8313.00	Sqm	24,939.00
8	56.00	<p>Labour charges for removing the existing wooden / aluminium parttion wall including frames without affecting the adjacent structures including cost of required tools and plants etc., al complete and as directed by the departmental officers</p>	369.60	Sqm	20,697.60

Sl. No	Qty	Description of items	Rate	Per	Amount
9	28.00	<p>Supplying and fixing of aluminium extruded section with powder coating (Partition). The vertical frame of size 63.5 × 38.1 × 1.28 mm, die no 20062 and weight 0.758 kg/m. The horizontal frame (top and intermediate) of size 63.5 x 38.1 x 1.28mm die no 20062 and weight of 0.758kg/m. The bottom horizontal frame of size 101.6 × 44.45 x 2.5mm thickness, die no 20057 and weight of 2.050kg/m. The cost includes the cost of aluminum clips, L angle, Rubber beading and all other accessories etc. The intermediate horizontal frames shall be fixed at 1.2m level and 2.1m level and the vertical frames shall be fixed not more than 1.2m c/c distance. The bottom portion of the partition and the middle portion of the partition (i.e) upto 2.10m depth shall be with 8mm thick three layered pre laminated particle board interior grade II, type II both size decorative laminate finish (BSL) or equivalent with ISI mark. The cost includes labour charges for cutting and fixing with necessary screws. The third and top portion of the partition from 2.1m to 2.7m shall be fixed with kommAk. aluminium grill with powder coating. The sample of all materials, brand, colour and shade etc shall be got approved by the Executive</p>	4390.00	Sqm	1,22,920.00

Sl. No	Qty	Description of items	Rate	Per	Amount
10	28.00	Providing and fixing A non-load bearing, 98 mm thick, metal framed partition and sound insulation of 37 decibel up to a height of 3.40meters with Hilux calcium silicate board Specification, 98 mm thick metal stud partition comprising of a composite framework which includes a GI 48 mm stud of 0.55 mm thick and having two unequal 150 % ganges of 48 and 50 mm each placed at 610 mm centre to centre in GI 50 mm floor and ceiling channel with two equal flanges of 32 mm each fixed to floor and ceiling at 600 mm centre, with the help of nylon sleeves and wood screws. Two layer of 12 mm thick Hilux Calcium Silicate Boards on either sides then screw fixed to the studs and channels at 200 mm centres on both sides of the frame work, with 25 long self-drilling & tapping screws having Phillips head, This include of Ramco Hilux CSB 12mm (2nos each side 1 board, 0.50mm Floor Channel, Ceiling Channel, Stud, Jointing Compound, Jointing Tape, Screws, Labour, Additional Support for Switch Box etc.,	6,404.58	sqm	1,79,328.24

Sl. No	Qty	Description of items	Rate	Per	Amount
11	300.00	Supply and installation of Anutone (or) Euivalent Brand of Acoustical False Ceiling of subtex nubby, square edge, glass fibre core fully encapsulated ceiling tile of size 595 x 595 x 15mm having volume density 120 Kgs / m3, weight 1.8 / 2.4 / 3 kg / m2 which is suspended by using 0.3mm thick skelet trellis T15 metal grid system. Skelet trellis T15 metal grid system of 600 x 600mm module includes skelet WA15 W30 wall angle with unequal flanges of 15 / 19mm, length 3000mm, fixed along the perimeter of walls with the help of nylon sleeves and suitable fasteners at 300mm centers. Then suspend the skelet MT15 W36 MainT with flange width 15mm, height 32mm and length 3600mm, from the soffit slab with help of soffit cleat and wire rod with leveling spring clip at 1200mm centres. Skelet CT15 W12 CrossT with flange width 15mm, height 26mm and length 1200mm is interlocked into the pre-cut slots in the Main T15 at 600mm centers in the perpendicular direction to the Main T15. Finally, the skelet CT15W06 CrossT with flange width 15mm, height 26mm and length 600mm are interlocked into the pre-cut slots in the CT15W12 CrossT in direction parallel to the Main T15 to result in 600 x 600mm module. The subtex nubby square edge of size 595 x 595 x 15mm	1,734.00	Sqm	5,20,200.00
12	6.00	Removing and re-erection of split AC etc., all complete and as directed by the department officilas	4,500.00	Nos	27,000.00
13	110.00	Supply and laying of 5/8" and 3/8" copper pipe (Extra 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 departmental officers	940.00	Rmt	1,03,400.00
14	110.00	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 including cost of all materials and labour charges etc., all complete and as directed by the departmental officers. (The quality and brand should be got approved from	64.10	Rmt	7,051.00

Sl. No	Qty	Description of items	Rate	Per	Amount
15	4.00	Supply of 3TR Cassette split type A/C units, each of nominal capacity as indicated suitable for operation on 415 V + 10% or 230 V + 10% 50 Hz, three / single phase AC supply as applicable with R-410 or eco- friendly refrigerant each split type A/C unit shall comprise of outdoor unit suitable for ambient weather conditions and cassette type indoor unit suitable for ceiling mounting. Both units shall be inter connected through refrigerant (copper) tubing (encased in wall) and complete with electrical wiring for satisfactory operation and complete as required outer (condensing) unit shall be finished with powder coating & should include hermetically sealed section gas cooled compressors, overload protection, air cooled condenser coil made copper of sufficient rows deep and of large face area, fitted with a propeller type fan and suitable motor, service valves arrangements, refrigerant filter etc,.. all housed in sheet metal cabinet as per the manufacturers standard. Cassette type indoor (room) unit should include evaporator coil made of copper of sufficient rows deep with slide out washable nylon wire mesh/HDPE filters with dirt trap and aluminium frame work statically and dynamically balanced blower unit mounted on the shaft of the motor and housed in a scroll	1,05,000.00	Nos	4,20,000.00
16		Supply and delivery and installation of Hi - wall split Inverter Air Conditioner with copper coil (5 Star Rated Inverter) with cordless remote of approved make with termitically sealed compressor on refrigeration R-22 wall mounting confirming to IS 1391-for operation on 230v, 50 cycles/sec single phase/three phase AC supply with neat finishing etc., all complete and as directed by the departmental officers. (The quality and brand should be got approved from the EE before use)			
	2.00	a) For 2.00 Tr Hi wall mounting split type 5 Star Rated Inverter (Carrier /Voltas /O General/Equivalent	56,370.00	Nos	1,12,740.00

Sl. No	Qty	Description of items	Rate	Per	Amount
17	2.00	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. (The quality and brand should be got approved from the EE before use	4,940.00	Nos	9,880.00
18	1.00	Supplying and Installation of 7' 0"×4' 0" Video wall Display Panel Input: RGB-DVI-D, Display Port 1.2 (1), Video-HDMI 2.0 (2), HDCP HDCP2.2, Audio-Stereo mini Jack, DVI, HDMI, USB-USB 2.0 × 2 and advanced versatility and control of image adjustments, calibration and multi-source display users can view up to four sources simultaneously in dual, triple, quad, or picture-in-picture (PiP) layouts. Color gamut presets, as well as advanced color adjustments let viewers achieve exact color point targets, adjustable by source. offers the ability to save frequently used configurations which can be recalled quickly using the IR remote, RS232, LAN, web browser interface OR Preset configurations Remote Monitoring and Management Interface. When connected to a network, the remote interface allows users to monitor and adjust all relevant display settings including: layouts, image adjustments and email alert configuration. Enables simplified on-the-fly layout and source switching from any iOS or Android mobile device. Precise image adjustments optimize picture quality at the source level Seamless up scaling and downscaling within any layout. Ability to recall and schedule custom preset configurations	7,00,000.00	Nos	7,00,000.00
19	328.00	Pointing the Pressed Tile over the roof with cement mortar 1:3 (One of cement and three of sand) including cost of all materials and labour charges for pointing, curing etc., all complete and as directed by the departmental officers.	345.58	Sqm	1,13,350.24

Sl. No	Qty	Description of items	Rate	Per	Amount
20	328.00	Waterproof treatment - Terrace Floor Surface preparation by air blower and then wash by water. Dust free the surface, including removing of old felt / loose plaster / concrete etc. and repair by polymer mortar with Adding Bonding Admixture(SBR) All visible cracks Open in " V" shapes & filling by elastomeric products by Apply one coat of Rubberized Elastomeric liquid Waterproofing membrane Elongation more than 1000% confirm as primer ratio 1:2 (1 part product and two part water)by Brush/roller, After curing then applying fiber reinforced with 2nd coat of Rubberized Elastomeric liquid Waterproofing membrane Elongation more than 1000% confirm In 2nd coat add 20% of water Then apply 3rd coat of Rubberized Elastomeric liquid Waterproofing membrane (Elongation more than 1000% confirm in 3rd coat add 10% of water After that 4TH & STH coat of High quality waterproof membrane.(synthetic base resin & Elongation more than 300% confirm (BS 1881:part 207:1992) in 4TH coat add 20% water and in 2TH coat add 10% Adjoining wall up to 200 mm heights including rounding of junctions of walls & slabs etc., all complete as directed by the departmental officers.	1022.58	Sqm	3,35,406.24
21	6.00	Supply Installation Testing and commissioning of 2MP Fixed Bullet Network Camera, High quality image with 2MP, 1/2.8"CMOS sensor, 2MP (1920*1080)@30/25fps; 720P (1280*720)@30/25fps, Ultra 265, H.265, H.264, Smart IR, up to 30m (98ft) IR distance, Day/night functionality, 2D/3D DNR (Digital Noise Reduction), IP67 protection, Support PoE power supply, 3-Axis , etc.,all complete and as directed by the departmental officers (CER.NO: 182/2022-23)	4,575.00	Nos	27,450.00
22	1.00	Supply and Installation of 6TB Harddisk., all complete and as directed by the departmental officers (Higher End)	17,090.00	Nos	17,090.00
23	1.00	Supply Installation Testing and commissioning of 8 Port Gigabit Unmanaged POE Switch etc.,all complete and as directed by the departmental officers	8,599.00	Nos	8,599.00

Sl. No	Qty	Description of items	Rate	Per	Amount
24	1.00	Supply Installation Testing and commissioning of 32" Monitor with associated mounting brackets as required etc.,all complete and as directed by the departmental officers (CER.NO: 182/2022-23)	45,000.00	Nos	45,000.00
25	1.00	Supply Installation Testing and commissioning of 1KVA UPS etc.,all complete and as directed by the departmental officers (CER.NO: 182/2022-23)	12,500.00	Nos	12,500.00
26	1.00	Supply and Fixing of 4U Rack with accessories etc.,all complete as directed by the departmental officers.	2,702.00	Nos	2,702.00
27	1.00	Supply and Fixing of 20 Mtrs HDMI Cable etc.,all complete as directed by the departmental officers	4,294.00	Set	4,294.00
28	350.00	Supply and Laying of CAT 6 LAN Cable for CCTV etc.,all complete as directed by the departmental officers (CER.NO: 182/2022-23)	29.65	Rmt	10,377.50
29	180.00	Supply and Laying of 25mm PVC pipe etc.,all complete as directed by the departmental officers (CER.NO: 182/2022-23)	72.00	Rmt	12,960.00
30	1.00	Testing & Commissioning Charges (CER.NO: 182/2022-23)	12,000.00	Job	12,000.00
31	1.00	Supply and installation of Ahuja/equivalent 250W Amplifier etc.,all complete complying with relavent standard specification and as directed by the departmental officer.	32,000.00	No	32,000.00
32	6.00	Supply and Installation of 30W Speaker Ahuja/equivalent etc.,all complete complying with relavent standard specification and as directed by the departmental officer.	12,740.00	No	76,440.00
33	1.00	Supply and installation of Gooseneck Microphone etc.,all complete complying with relavent standard specification and as directed by the departmental officer.	17,550.00	No	17,550.00
34	1.00	Supply and Installation of Wireless Cordless Mic UHF etc.,all complete complying with relavent standard specification and as directed by the departmental officer.	20,200.00	No	20,200.00
35	1.00	Supply and Installation of 50 Mtrs HDMI Cable etc.,all complete complying with relavent standard specification and as directed by the departmental officer.	6,850.00	No	6,850.00
36	1.00	Supply and Installation of 35 Mtrs VGA Cable etc.,all complete complying with relavent standard specification and as directed by the departmental officer.	4,675.00	No	4,675.00

Sl. No	Qty	Description of items	Rate	Per	Amount
37	90.00	Supply and Installation of 2 Core 1.5 sq.mm Shielded Copper Speaker Wire Audio Cable etc.,all complete complying with relavent standard specification and as directed by the departmental officer.	84.00	Rmt	7,560.00
38	1.00	Supply and Instllation of Accessories like connectors with cable for connection between amplifier & projector etc.,all complete complying with relavent standard specification and as directed by the departmental officer.	5,000.00	Job	5,000.00
39	1.00	PA system configuration and integration with Projector, all complete complying with relavent standard specification and as directed by the departmental officer.	10,000.00	Job	10,000.00
40	300.00	Supply and laying of UTP cable from Dual Band wireless Access point to switch/Modem with relavent standard specification and as directed by the departmental officer.	56.00	Rmt	16,800.00
41	6.00	Supply and installation of Ap345 Dual Band wireless Access point with relavent standard specification and as directed by the departmental officer.	9,600.00	Nos	57,600.00
42	1.00	Supply & installation of 8 port 10/100/1000 Gigabyte Unmanaged POE Swich with relavent standard specification and as directed by the departmental officer.	8,599.00	No	8,599.00
43	6.00	Configuration charges for Access point wireless Wifi system	1,500.00	Job	9,000.00
44	32.00	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)	5,800.00	Nos	1,85,600.00
45	32.00	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	1,750.00	Nos	56,000.00
46	50.00	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	5,500.00	Nos	2,75,000.00

Sl. No	Qty	Description of items	Rate	Per	Amount
47	24.00	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 particle board with matching edge band finish.	2,691.00	Sqm	64,584.00
48	93.00	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.	5,112.90	Sqm	4,75,499.70
49	50.00	Supplying and fixing of 2' x 2' 24W LED 4000K Square type recessed light fittings for ceiling Higher end	3,864.00	Nos	1,93,200.00
50	29.00	Supplying and fixing of Wood Plastic Composite door frame with good and durable quality, the WPC door should be waterproof, swelling proof, bend and warp resistant including cost of materials, fixing, labour charges etc,.. all complete and as directed by the departmental officers.	311.60	Rmt	9,036.40
51	1.00	Manufacturing, supply and delivery of "U" shape conference hall table made up of 35mm thick particle board the top and leg, 25mm thick particle board for the modesty box, laminated with 0.8mm thick, pasted with 50 tone cold press to form even surface all the visible parts are covered by 0.5mm thick PVC edge band etc size 30' x 8'	2,75,000.00	Nos	2,75,000.00
52	75.00	Run of 2 Wires of 4 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990. Open wiring SD-56	214.00	Rmt	16,050.00
53	100.00	Run of 2 Wires of 6 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990. Open wiring SD-58	254.00	Rmt	25,400.00

Sl. No	Qty	Description of items	Rate	Per	Amount
54	1.00	Supply, Errection & fixing of 8 Persons capacity Gearless Passenger Lift with Machine Room of Lift Car Size (1300 x 1100) for (G+3) of SS 304 Grade with 1m/sec. speed with ARD (Higher End)	1526400.00	Nos	15,26,400.00
55	5280.00	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 Engineer before use)	178.00	Sqm	9,39,840.00
56	43.00	Varnishing the old wood work with two coats using best approved varnish linseed oil wax including cost labour charges and cleaning and preparation of the surface etc., complying with relevant standard specification etc., all complete as directed by the departmental officers. (The make and quality of varnish to be got approved from Executive Engineer before using)	210.15	Sqm	9,036.45
57	87.00	Painting the old iron work with one coat of 1st 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.	97.00	Sqm	8,439.00
58	267.00	Painting the old wood work with two coat of approved 1st 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 using.)	170.00	Sqm	45,390.00
59	6.00	Supply and fixing of MS stand for fixing outdoor unit of approved make 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) (PWD SR 2023-24/P-154)	1,088.00	Nos	6,528.00

Sl. No	Qty	Description of items	Rate	Per	Amount
60	6.00	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). (Elect. SR 2023-24/P-64)	1,858.00	Nos	11,148.00
61	100.00	Run off Communication Cable for Cassette type AC from Outdoor unit to Indoor unit including labour for fixing etc all complete	175.00	Rmt	17,500.00
63	1.00	Supply, installation, testing & commissioning of 8 channel Network Video Recorder, support Ultra265 / H.265/ H.264 video formats, 8 channel input, third party IP cameras supporter with ON VIF conformance: Profile S, Profile G, Profile T, HDMI and VGA simultaneous output, upto 8MP resolution recording, accurate retrieval, instant playback, 2 SATA HDDs, upto 8TB for each HDD etc., all complete (Qtn.)	13,400.00	Nos	13,400.00
		Sub-Total			1,15,29,536.63
64		GST 18%			2075316.593
		Sub - Total			1,36,04,853.22
65	LS	Replacing & repairing of existing old electrical		LS	1,00,000.00
66	LS	Renewal of lift Licence		LS	1,00,000.00
67	LS	Dismantling & Removal of Existing Lift &		LS	50,000.00
68	LS	Renovation of Extg. Gents & ladies Toilets in		LS	15,00,000.00
		Sub - Total			1,53,44,853.22
69	LS	Labour Welfare fund @ 1%		LS	115295.37
70	LS	Contingencies & Unforeseen Expenses @ 2.5%		LS	383871.33
71	LS	Supervision Charges @ 7.5%		LS	1151613.99
		Total			1,70,05,633.91
		Say		Rs.	1,70,06,000.00


Chief Engineer