

ACCEPTANCE LETTER No: MINUTES OF CWC - I HELD ON 25-05-2024

To

SANTHOSH INFRASTRUCTURE,
No. 18, RAM BHARATHI STREET, KRISHNAPURAM,
AMBATTUR, CHENNAI - 600053

Dear Sirs,

Type of Work: ITEM RATE

Sub : **REPAIRS / RENOVATION OF AJEYA HOSTEL ANNEXURE AT HVF ESTATE**

Ref: (i) Fy Tender No. HVF/TE/13025/CEO/2023-24/85, dated 22-03-2024 with Tender ID: 2024_AVNL_192212_1
(ii) Your Bid: 694612 in this tender.

For and on behalf of the President of India, I hereby convey the acceptance of your tender by the competent financial authority for the above mentioned work for a total value of **Rs. 26,83,830.75** /- (Rupees Twenty Six Lakhs Eighty Three Thousand Eight Hundred and Thirty and Paise Seventy Five Only) and order the services detailed in the schedule enclosed herewith at the item rates quoted by you in Schedule 'A' of the Tender documents as per the terms, conditions and specifications laid therein. List of items, to be issued by factory, is given in Schedule 'B'.

2. The contract is allotted with No. **HVF/CE/11/2024-25/Maint., dated 20-06-2024** which will have to be quoted by you in all future correspondence in connection with this contract.

3. In accordance with condition No. 22 of the General Condition of Contract (IAFW-2249), please submit the security deposit of Rs. 67,100 /- (Rupees Sixty Seven Thousand and One Hundred Only) in favour of "The Chief General Manager, Heavy Vehicle Factory, Avadi" as mentioned in tender condition.

The maturity date of security Deposit shall be minimum 12 months from date of the completion of contract.

4. The contract shall be governed by the terms and conditions as per the contract documents enclosed and general condition of contract MES IAFW 2249. The deviation limit shall be as per the clause No.19.1.1 & 19.1.2 of MES Contract Manual (latest revision).

5. Shri.K.Ravichandran, JWM(SG)/IMS/CE(E) is nominated as Engineer-in-Charge for the subject work and Shri.S.Arunachalam, JWM/IMS/CE(E) is nominated as Site In-charge for the subject work.

6. You are requested to contact the Engineer-in-Charge within 7 days of receipt of this letter for taking over of site and to make time and progress chart. You will also maintain wage-cum-muster roll and all other records as required in Contract Labour Rules and Acts.

7. Please acknowledge receipt of this letter and return two copies duly signed by you in proof of acceptance within seven days from the date of receipt of this communication.



(K. TULASI RAO)

JT. GENERAL MANAGER / IMS

For CHIEF GENERAL MANAGER / HVF

For And On Behalf Of THE PRESIDENT OF INDIA

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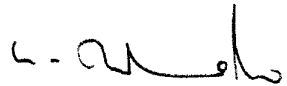
1. GM / HR, F&A, IMS, HVF, Avadi, Chennai - 600054
2. Shri.K.Ravichandran, JWM(SG)/IMS/CE(E) - Engineer -In Charge
3. Shri.S.Arunachalam, JWM/IMS/CE(E) - Site -In Charge
4. Shri. Pranjit Bhagabati, DGM / IMS - Technical Examiner

IN LIEU OF IAFW-1823(REVISED)
CONTRACTORS' ORDER SHEET

Work Order/Deviation Order No	HVF/CE/11/2024-25/Maint., dated 20-06-2024
Acceptance letter No.	MINUTES OF CWC - I HELD ON 25-05-2024
Contractor's Name	SANTHOSH INFRASTRUCTURE
Name of the work	REPAIRS / RENOVATION OF AJEYA HOSTEL ANNEXURE AT HVF ESTATE
CA amount	Rs. 26,83,830.75 /-

PARTICULARS

1. Authority	CWC decision of Fy. LEVEL CWC - I
2. Brief Description of work to be carried out	As per details in sheet attached and adhering to your firm Bid No. 694612 in HVF Tender; HVF/TE/13025/CEO/2023-24/85, dated 22-03-2024 with Tender ID: 2024_AVNL_192212_1 for all Terms & Conditions therein & rate quoted in Schedule 'A' enclosed with tender documents.
3. Time effect	
a. Date of handing over of the site	01/07/2024
b. Date of commencement of work	01/07/2024
c. Date of Completion as per contract	28/12/2024
d. Date for completion shown in previous Orders	NA
e. Revised date of completion	NA
4. Financial effect (Rs.)	
a. Present order	Rs. 26,83,830.75 /-
b. Contract amount as adjusted by previous orders	NA
c. Contract amount adjusted up to and including this order	NA
5. Expenditure to be booked under code Head No	809 / 02 (Revenue Grant)
6. Certified that no special rate is involved	
7. Technical Examiner	Shri. Pranjit Bhagabati, DGM / IMS
8. Approved	Shri. K. Tulasi Rao, Jt.GM / IMS
9. Accepted	SANTHOSH INFRASTRUCTURE


(K. TULASI RAO)
JT. GENERAL MANAGER / IMS
For CHIEF GENERAL MANAGER / HVF
For And On Behalf Of THE PRESIDENT OF INDIA

Distribution to :--

- 1) SANTHOSH INFRASTRUCTURE
- 2) GM / HR, F&A, IMS, HVF, Avadi, Chennai – 600054
- 3) Sr. Security Officer
- 4) Shri.K.Ravichandran, JWM(SG)/IMS/CE(E) - Engineer -In Charge
- 5) Shri.S.Arunachalam, JWM/IMS/CE(E) - Site -In Charge
- 6) Shri. Pranjit Bhagabati, DGM / IMS - Technical Examiner
- 7) HOS/Safety, 8) HOS/Internal Audit cell, 9) HOS/Test Audit, 10) ALWC,
- 11) Chief Commissioner of Central Excise, 26/1, Mahatma Gandhi Road, Nungambakkam, Chennai – 600034.
- 12) Dy.Chief Labour Commissioner(c), No:26, III Block, 5thfloor,Shastri Bhavan, Haddows Road, Nungambakkam,Chennai – 600006

Name of the work: **REPAIRS / RENOVATION OF AJEYA HOSTEL ANNEXURE AT HVF ESTATE.**

Contract Agreement No: **HVF/CE/11/2024-25/Maint., dated 20-06-2024**

SCHEDULE – “A”

Item Code	Item Description	Quantity	Unit	Rate/Unit	Total Cost
1	Taking down window Shutters of any description not exc 1.0 sq. m each and handing over the same to CE(E)/Store.	28.00	Per Leaf	123.00	3444.00
2	Providing and fixing factory made uPVC white color sliding window three track made of extruded profiles with wall thickness of 2.3 mm ($\pm$ 0.2mm). Window profile with hollow section with multi chamber. Frames (88mm x 52mm), Sliding sash (42mm x 67mm). Sliding mesh Sash (42mm x 57mm) Sliding Interlock (One vertical length in each shutter) (45.5mm x 28mm), Glazing bead (24.5mm x 16mm) will be mitred cut and fusion welded at all corners, including drilling of holes for fixing hardware and drainage of water etc., making arrangement for fixing hardware. EPDM gasket, 1.2 $\pm$ 0.2mm thick galvanized steel frame (30mm x 18mm) 2Nos., sliding sash (30mm x 18mm), sliding mesh sash (26mm x 10mm) profile to be inserted in required profile, frame will be fixed to the wall with 8mm x 100mm long fasteners, Hardware [Touch Lock of Zinc alloyed (white powder coated), steel roller system. Stainless steel wire cloth 0.36mm nominal dia of wire and average width of aperture 1.40 mm and required accessories. (Note: The unit rate quoted by the contractor excludes cost of glass and includes all other connected accessories. Net Opening will be measured for payment purpose. (a) area n. exc 2.00 Sqm each and as approved and as directed.	42.00	SqM	11277.00	473634.00
3	Supply and fixing of sheet Glass 5.50mm thickness, quality and glazing with oil putty in square exc 0.5 Sqm in each pane ground or obscured or tinted on one side and as approved and as directed by EIC.	35.00	SqM	1343.00	47005.00
4	Taking down Chowkhats or frames with shutters exceeding 1.50 sqm but not exceeding 4.00sqm each without taking off shutter from the frame and handing over the same to CE(E)/Store.	32.00	Each	455.00	14560.00
5	S & F of 2nd class hard wood door & Window frame Plain, Solid straight chowkats wrought, framed rebated on the solid rounded or chamfered put together with glue pined at joints.	1.25	CuM	86387.00	107983.75
6	Supply and fixing of 30mm thick Flush door shutter solid core construction with block board core and plywood face panels, commercial type on both sides.	75.00	SqM	1620.00	121500.00
7	Supply and fixing of 125mm Butt hinges, extruded aluminium alloy with galvanised mild steel hinge pin, anodised and fixed, type B-21	96.00	Each	268.00	25728.00

Item Code	Item Description	Quantity	Unit	Rate/Unit	Total Cost
8	S&F of Aluminium tower bolts, with barrel of extruded section and rolled or cast bolts and fixed 150 mm long.	64.00	Each	77.00	4928.00
9	S & F of Aluminium handle 150mm length.	64.00	Each	88.00	5632.00
10	Material and Labour for fixing Aluminium Aldrop bolt 300 mm length.	32.00	Each	428.00	13696.00
11	M & L for plastering in CM 1:4, 15mm thick on fair faces of brick work and concrete surfaces.	330.00	SqM	263.00	86790.00
12	Material and Labour for Dubbing out average 10mm thick on irregular face of walls in CM 1:4.	230.00	SqM	170.00	39100.00
13	Material and Labour for white washing two coats on ceiling on old prepared wall surfaces. Make: (ASIAN / NEROLAC / BERGER) or Suitably Equivalent Make as approved by EIC.	350.00	SqM	23.00	8050.00
14	Material and Labour for painting two coats of exterior emulsion {MAKE: - ASIAN Paint (Apex Ultima), NEROLAC (Excel Total), BERGER (Weather Coat Long Life 7) (or) Suitably Equivalent make} as approved by EIC. Including one coat of priming paint applies after preparation of the old existing treatment.	600.00	SqM	151.00	90600.00
15	Material and labour for applying two coats of Plastic emulsion on internal wall surfaces including preparation of old wall surfaces complete all as directed.	580.00	SqM	118.00	68440.00
16	M&L Painting on steel surfaces of any description, with 2 coats of synthetic enamel paint and one coat of primer (Red Oxide) and preparation of new surfaces etc., as directed.	30.00	SqM	142.00	4260.00
17	M & L for painting to wooden surfaces of any description over 10cm width or girth with Two coats of synthetic enamel paint. including preparing new wooden surfaces.	120.00	SqM	108.00	12960.00
18	Supply and Fixing of PVC door frame of size 50mmx47mm made out of 5mm plain colour PVC sheet reinforced with M.S square tube.	38.00	RM	453.00	17214.00
19	S & F of Factory made solid panel PVC Door shutter 30mm thick (style) consisting of frame made out of M.S tubes for top & bottom rails. M.S. Frame shall be covered with heat moulded plain colour PVC 'C' channel having a PVC sheet strip of 20mm width stuck inside with solvent cement for stiles and plain colour PVC sheets for Top rail, lock rail & bottom rail on either side & gap insert for top rail & bottom rail. Paneling of plain colour PVC sheet to be fitted in the M.S. Frame welded / sealed to stiles & rails with suitable PVC sheet beading and jointing together and with solvent cement, supplying & fixing in the frame at site as per specification & drawing. all complete and as directed.	12.00	SqM	2400.00	28800.00
20	Supply and Fixing of extruded Aluminium alloy with galvanised mild steel hinge pin type C-22 Butt hinges heavy weight 75mm length.	24.00	Each	109.00	2616.00

Item Code	Item Description	Quantity	Unit	Rate/Unit	Total Cost
21	Supply and Fixing of Aluminium anodized skeleton tower bolts with plate of 100mm length.	16.00	Each	60.00	960.00
22	Supply and Fixing of Aluminium handle fabricated type 100mm length.	16.00	Each	74.00	1184.00
23	M & L for Brick Walls Cutting chases, pinning in. making good to facings where required and pointing in cement mortar 1:3 to ends or edges of landings, steps, cills, sunshades, shelves, lintels, etc.; and cutting chases for concealed water tubing or concealed conduit wiring, etc., and making good, cutting not exc 10 cm girth	50.00	RM	51.00	2550.00
24	Supply and Laying of CPVC 20mm over dia pipes SDR 11 & Plain CPVC SDR 11 fittings in trenches complete all as specified.	50.00	RM	245.00	12250.00
25	Supply and fixing in repairs of EWC with "P" or "S" trap including bedding valveless syphonic action type 10 litres flushing cistern low level white with inlet ball valve float and handle including bracket Plastic water closet seat, black, closed pattern with flat bottom and cover and mild steel chromium plated or aluminised hinging device etc., complete and dismantling the existing IWC.	4.00	Each	7860.00	31440.00
26	Supply and Fixing in repairs of vitreous China wash basin 580 x 450 including pillar cock 15mm dia waste chain and plug and porcelain stopper and removal of old one from the site. 32mm Waste fittings, brass, chromium plated for glazed ware sinks.	4.00	Each	2570.00	10280.00
27	Supply and fixing of cast copper alloy screwed down, high pressure stop cock /angle cock fancy type chromium plated concealed type of size 15mm.	8.00	Each	720.00	5760.00
28	Supply and Fixing of Stainless steel sink with draining board, made out of 1.00mm thick sheet for kitchen or laboratory with plug, washers waste pipe, cast iron cantilever brackets, connecting union overall size 915mmx460mm with bowl size 410mm x 330mm x 160mm complete all as directed by EIC.	4.00	Each	4506.00	18024.00
29	Supply and Fixing of chromium plated cast copper alloy bib cock of size 15mm.	28.00	Each	466.00	13048.00
30	Supply and Fixing of Health Facet chromium plated (ESS YESS VICTORIAN Make or Suitably Equivalent Make).	4.00	Each	800.00	3200.00
31	Supply and Laying of CPVC 20mm over dia pipes SDR 11 & Plain CPVC SDR 11 fittings in trenches complete all as specified.	50.00	RM	245.00	12250.00
32	S&F of 600x450mm beveled mirror of selected quality glass mounted on commercial ply wood and fixed to wooden plugs with chromium plated brass screws and cup washers.	4.00	Each	555.00	2220.00
33	Supply and Fixing of Swivel Shower of PTMT of any colour for fixing with 15mm pipe (minimum weight 40 gms.)	4.00	Each	113.00	452.00
34	Supply and fixing of tubular towel rail 20mm D type 60cm long of aluminium anodized with and including chromium coated brass screws and wooden /plastic cleats.	4.00	Each	380.00	1520.00

Item Code	Item Description	Quantity	Unit	Rate/Unit	Total Cost
35	Supply and fixing of soap dish fixed to plugs with chromium plated brass screws.	4.00	Each	192.00	768.00
36	S & F of PVC floor trap 75mm dia outlet of with grating and connecting PVC extension pipe including jointing with solvent cement etc., complete	4.00	Each	225.00	900.00
37	Supply and Fixing of PVC (SWR) gully trap 125/110 mm, setting and jointing with neat cement solvent.	4.00	Each	265.00	1060.00
38	Supply and Fixing of PVC(SWR) pipe of 110mm dia laid in trenches including or in walls including all fittings complete all as directed.	18.00	RM	200.00	3600.00
39	S & F of PVC (SWR) 75mm dia Pipes single socketed, in any length with rubber ring joints laid in trenches or in floors.	12.00	RM	160.00	1920.00
40	Supply and fixing of PVC(SWR) pipe 110mm bend.	6.00	Each	125.00	750.00
41	Supply and fixing of PVC(SWR) pipe 75mm bend.	6.00	Each	110.00	660.00
42	Supply and fixing of PVC(SWR) branch piece, (single Y) equal or unequal of 110mm dia complete all as directed.	2.00	Each	553.00	1106.00
43	Dismantling floor, hearth or wall tiling including cement mortar bedding (but not backing), removing serviceable tiles to store and rubbish off the premises	100.00	SqM	90.00	9000.00
44	Material and Labour for glazed ceramic colour tiles in vertical surfaces 300x200x7mm thick set and jointed in neat cement slurry and pointed in white or coloured cement to match including screed bed in CM 1:4 15mm thick complete.	80.00	SqM	1562.00	124960.00
45	Supply and Fixing of colored Glazed ceramic tiles of size minimum 200x200x7mm thick in floor surfaces etc., set and jointed in neat cement slurry and pointed in white or colored cement to match and screed bed or bedding layer in CM 1:3, 20mm thick for finishing floor surfaces.	20.00	SqM	1462.00	29240.00
46	Excavating in post holes in Hard/dense soils (or similar holes) each n.exc 0.5CuM, getting out, returning, filling in and ramming earth or broken rubble mixed with earth around, in layers not exceeding 25cm.	10.00	Each	382.00	3820.00
47	Material and labour for sand filling in foundation including watering and consolidation.	7.00	CuM	1975.00	13825.00
48	Material & Labour for PCC 1:4:8 type D2 using 40mm graded aggregate for foundation	12.00	CuM	5484.00	65808.00
49	Material and Labour for P.C.C 1:2:4, B1 type using 20mm graded aggregated in foundation and flooring.	16.00	CuM	6534.00	104544.00
50	Supply and Fixing of M.S Rolled sections (angles, channel, Tee sections etc.,) as in main and cross beams, hip and jack rafters, purlins were connected to common rafters fixed with angle cleats or other connecting plates Fe 410 -W (Gde E - 250) quality A as directed.	1700.00	KG	105.00	178500.00

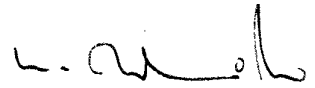
Item Code	Item Description	Quantity	Unit	Rate/Unit	Total Cost
51	Supply and Fixing of pre-printed galvalume aluminium zinc coating GI based corrugated steel sheet 0.50mm (TCT) thick of any colour having tensile strength of 550Mpa as in roof covering /cladding to wall fixed with self-tapping screws as specified.	75.00	SqM	767.00	57525.00
52	M&L Painting on steel surfaces of any description, with 2 coats of synthetic enamel paint and one coat of primer Red Oxide and preparation of new surfaces etc., as directed.	75.00	SqM	141.00	10575.00
53	Removing excavated soil n exc. 50m and depositing where directed at a level n.exc. 1.5m.	2.00	CuM	320.00	640.00
54	Removal of existing old damaged Bitumen felt layer including removing of all residual bitumen and primer including of all traces using hand buffing machine/mosaic polishing machine and depositing the removed materials to a distance not less than 1 KM .	280.00	SqM	155.00	43400.00
55	Supply and application of Polyurethane based sealant for filling of visible cracks up to 10mm width and 5mm depth. PU sealant material shall have elongation more than 700%. The contractor shall use (Hyperseal expert 150 of Alchemica / Seal Arm PU of MYK Arment / SNF one plus P590 of Bostik / Masterseal NP 473 U of Master Builders Solutions / Cipoxy 16 D of Dr.Fixit make) or Suitably equivalent make as approved by EIC and finishing the top surface.	120.00	RM	250.00	30000.00
56	Supply and application of seamless Polyurethane (PU) based elastomeric coating exposable to atmosphere. The work consisting:- a) Supply & Application of PU based primer minimum of 100gms per SqM. b) supply and application of seamless PU based elastomeric coating over a primer coat to achieve a thickness of 1.5 mm DFT in two coats, with an application rate of minimum 2.1 Kg/SqM, having minimum solid content (ASTM 836) of more than 85% and elongation also more than 400%. c) Supply & Application of Protective UV top coat @ 0.25 Kg/SqM. (The Contractor Shall use the material from the reputed manufacturers such as ("Master Builders Solutions", "MYK Arment", "Dr. Fixit", "Alchimica", "Bostik" and "Tecnopol") (or) Suitably equivalent make as approved by EIC.	280.00	SqM	1134.00	317520.00

Item Code	Item Description	Quantity	Unit	Rate/Unit	Total Cost
57	Material and labour for Point wiring with FRLS PVC insulated sheathed single core cable 1100V grade confirming to IS 694 multi strand copper conductor along with 2mm thick PVC conduit accessories run on wall or roof including M.S. switch box concealed in the wall (made out of 3mm thick sheet) and laminated sun mica sheet 3mm thick cover for housing the switches, regulators and plug socket etc., mount on a wall/roof etc. including 16SWG bare / 1.5sqmm multistrand copper earth continuity wire. Make: (Finolex / Orbit / Kundan / Havells / Polycab) or Suitably equivalent make as approved by EIC. a) One light point controlled by one switch light/fan	42.00	Point	1041.00	43722.00
58	Material and labour for Point wiring with FRLS PVC insulated sheathed single core cable 1100V grade confirming to IS 694 multi strand copper conductor along with 2mm thick PVC conduit accessories run on wall or roof including M.S. switch box concealed in the wall (made out of 3mm thick sheet) and laminated sun mica sheet 3mm thick cover for housing the switches, regulators and plug socket etc. mount on a wall/roof etc. including 16SWG bare/ 1.5sqmm multistrand copper earth continuity wire. Make: (Finolex / Orbit / Kundan / Havells / Polycab) or Suitably equivalent make as approved by EIC. b) One 3 pin plug socket with switches flush type 5A on same board with 2.5sqmm cable	38.00	Point	305.00	11590.00
59	Material and labour for Point wiring with FRLS PVC insulated sheathed single core cable 1100V grade confirming to IS 694 multi strand copper conductor along with 2mm thick PVC conduit accessories run on wall or roof including M.S. switch box concealed in the wall (made out of 3mm thick sheet) and laminated sun mica sheet 3mm thick cover for housing the switches, regulators and plug socket etc. mount on a wall/roof etc. including 16SWG bare/ 1.5sqmm multistrand copper earth continuity wire. Make: (Finolex / Orbit / Kundan / Havells / Polycab) or Suitably equivalent make as approved by EIC. c) One light point controlled by two 2 -way switches, with cables 1.5 sq. mm size	1.00	Point	1466.00	1466.00
60	Supply fixing and connecting to the system modular type switches 6A single pole one way Make: (LEGRAND MYRIUS / Litaski / Crabtree) or Suitably equivalent make as approved by EIC.	156.00	Each	273.00	42588.00
61	Supply fixing and connecting to the system modular type switches 6A single pole Two way Make: (LEGRAND MYRIUS / Litaski / Crabtree) or Suitably equivalent make as approved by EIC.	2.00	Each	322.00	644.00

Item Code	Item Description	Quantity	Unit	Rate/Unit	Total Cost
62	Supply, fixing and connecting to the system of socket, 6A-2/3 pin combined modular type 2 module Make: (LEGRAND MYRIUS / Litaski / Crabtree) or Suitably equivalent make as approved by EIC.	38.00	Each	360.00	13680.00
63	Supply, fixing and connecting to the system of socket, 6A/16A-2/3 pin combined modular type 2 module Make: (LEGRAND MYRIUS / Litaski / Crabtree) or Suitably equivalent make as approved by EIC.	4.00	Each	554.00	2216.00
64	Supply, fixing and connecting to the system modular type switch one way 16A, 1 module Make: (LEGRAND MYRIUS/ Litaski/ Crabtree) or Suitably equivalent make as approved by EIC.	4.00	Each	360.00	1440.00
65	Supply, fixing & connecting of Fan step regulator modular type 120W, 2 module Make: (LEGRAND MYRIUS / Litaski/ Crabtree) or Suitably equivalent make as approved by EIC.	24.00	Each	1067.00	25608.00
66	Supply and fixing of multi music type bell AC 230V and connecting to the system. Make: (ANCHOR / LEGRAND / HAVELLS / Orbit) or Suitably equivalent make as approved by EIC.	4.00	Each	590.00	2360.00
67	Supply, fixing and connecting modular bell push 6A, 230V and connecting to the system. Make: (LEGRAND MYRIUS/ Litaski / Crabtree) or Suitably equivalent make as approved by EIC.	4.00	Each	322.00	1288.00
68	M&L for ceiling rose, 3 Phase / PVC / Polycarbonate, isolated body. Make: (ANCHOR / LEGRAND/ HAVELLS/ Orbit) or Suitably equivalent make as approved by EIC.	64.00	Each	69.00	4416.00
69	Supply & fixing of lamp holders PVC/ Polycarbonate type with cord grid cap suitable for pendant / straight / slanting fittings.	52.00	Each	137.00	7124.00
70	Supply & fixing of modular white cover plate with frame 2 module.	8.00	Each	205.00	1640.00
71	Supply & fixing metal flush box for 2 module plate.	8.00	Each	190.00	1520.00
72	Supply & fixing of 4 module modular white cover plate with frame.	16.00	Each	260.00	4160.00
73	Supply & fixing of metal flush box for 4 module plate.	16.00	Each	224.00	3584.00
74	Supply & fixing of 6 module modular white cover plate with frame.	12.00	Each	325.00	3900.00
75	Supply & fixing of metal flush box for 6 module plate.	12.00	Each	300.00	3600.00
76	Supply & fixing of 8 module plate with frame.	1.00	Each	401.00	401.00
77	Material & Labour for wiring with two runs of PVC insulated sheathed single core copper cable upto 1100 volts grade confirming to IS 694 multistrand with copper conductor along with PVC conduit and conduit accessories run on wall/roof one run of copper cable as earth wire. Make: (Finolux / Havells / Polycab / Kundan / Orbit) or Suitably equivalent make as approved by EIC. a) 2x2.5 sq.mm + 1x2.5 sq.mm earth wire	80.00	RM	195.00	15600.00

Item Code	Item Description	Quantity	Unit	Rate/Unit	Total Cost
78	Material and labour for Brick walls cutting chases, pinning in, making good to facing where required and pointing in cement mortar 1:3 to ends and cutting chases for concealed conduit wiring, etc., and making good, cutting exc. 10 cm but not exc. 20cm grith.	70.00	RM	55.00	3850.00
79	Supply, Fixing & Connecting of Single pole and neutral enclosure with a two pin and earth plug and socket complete with one single pole MCB 20AMP. Make: (Legrand / Havells / Anchor / Orbit) or Suitably equivalent make as approved by EIC.	12.00	Each	1900.00	22800.00
80	Supply and fixing of exhaust fan, steel body AC single Phase. 230V of size 300mm sweep with, blades, and frame and louvers. Make: (Almonard / Kaithan / Crompton) or Suitably equivalent make as approved by EIC.	4.00	Each	3725.00	14900.00
81	Taking down copper/aluminium point wiring (light, fan, socket or power) complete, including fixture and fittings such as switches, ceiling roses, pendants, regulators, sockets, light fitting, exhaust fan etc., removing materials to store for keeping in safe custody and making good disturbed surfaces of walls, floors etc.,	24.00	Point	160.00	3840.00
82	Supply and fixing LED lights fitting 1x 20W, 220V, AC decorative box type with driver, holder including LED tube light connecting up with three core flexible copper conductor cable of suitable size from ceiling rose complete. Make: (PHILIPS / CG /Havells / Wipro / Klite / Bajaj / Luker) or Suitably equivalent make as approved by EIC.	44.00	Each	1370.00	60280.00
83	Supply and fixing LED light fitting mirror type with high output diffuser 2 feet, 10 watt 220 V AC decorative type with driver holder and LED lamp including connecting up with three core flexible copper conductor cable of suitable size complete. Make: (PHILIPS / CG /Havells / Wipro/ Klite / Bajaj / Luker) or Suitably equivalent make as approved by EIC.	4.00	Each	1422.00	5688.00
84	Supply and fixing of electric water heater, storage type steel/plastic body with copper inner tank and heating element upto 2 KW capacity 25 litre, BEE 5 Star rated, 8 bar pressure, complete with all accessories such as safety valve, thermostat, NRV, connection piece etc. Make: (Havells / Racold / Crompton / Bajaj) or Suitably equivalent make as approved by EIC.	4.00	Each	10530.00	42120.00
85	Supply and fixing LED street light fitting 70Watt 230 V AC outdoor type with high pressure die cast aluminum housing and heat resistant complete with driver, lamp bracket with impact and corrosion resistant including thermal management in multiple optics complete with IP 65/66 protection complete. Make: (PHILIPS / GE / WIPRO / CG / OSRAM / BAJAJ / HAVELLS / SYSKA) or Suitably equivalent make as approved by EIC.	1.00	Each	6239.00	6239.00

Item Code	Item Description	Quantity	Unit	Rate/Unit	Total Cost
86	S & F LED light fitting 1X10 W bulk head luminaires including LED light driver holder connecting up with three core flexible copper conductor cable of suitable size. Make: (PHILIPS / CG / Havells / Wipro / Klite / Bajaj / Luker) or Suitably equivalent make as approved by EIC.	12.00	Each	1500.00	18000.00
87	Supply and fixing of LED decorative wall mounting fitting complete with suitable LED lamp and accessories, Wattage not more than 15 watts and minimum system output 1000 lumens. Make: (PHILIPS / Bajaj / CG / Havells / Wipro / Luker) or Suitably equivalent make as approved by EIC.	12.00	Each	1065.00	12780.00
88	Supply & fixing metal flush box for 8 module plate.	1.00	Each	403.00	403.00
89	Supply & fixing of 12 module plate with frame and metal flush box.	9.00	Each	540.00	4860.00
90	Supply & fixing of 16 module plate with frame and metal flush box.	4.00	Each	666.00	2664.00
91	Supply & fixing of modular type Dummy plate.	33.00	Nos	20.00	660.00
Gross Total of Items				Rs. 26,83,830.75 /-	



(K. TULASI RAO)

JT. GENERAL MANAGER / IMS

For CHIEF GENERAL MANAGER / HVF

For And On Behalf Of THE PRESIDENT OF INDIA

TERMS & CONDITIONS:

1 Special Condition: The Material required for the subject work which be brought inside the factory by the contractors, should be noted along with challan / vouchers etc., and a copy of the same are to be given to the engineering office for record and copy to be submitted to the contractors along with the bill while claiming the payment.

2 Payment Clause: The contractor has to pay the minimum daily wages to the skilled/semi skilled/unskilled labourers engaged in their work as has been specified by the Government, latest rate and displayed in the wages notice Board at factory.

3 Safety Clause: Annexure-B of MES Safety Code, IAFW 2249 must be observed in general. Work Permit shall be obtained for overhead/hazardous work condition. All the safety precautions/measures have to be taken by the contractor. However, a few points of safety measures to be followed for working at height and on the roof are mentioned hereby

Use of safety belt and helmet of proper quality is mandatory for all workers working on roofs at height of above 5.00 meters and also in the underground areas. Safety belt with life line should be properly tied at some firm support.

(i) In case any difficulty is faced in proper fastening and securing of safety belt, a safety net may be provided below the work spot so that in case of accident fall, there might not be any fatality.

(ii) A crawling ladder or roof walker must be used for movement on Asbestos/CGI roofing.

(iii) Work Permit system should be followed in proper spirit. Contractors shall start the work after obtaining the Work Permit, wherever applicable. Contractor's supervisor and site-in-charge should brief on safety precautions to be observed by the workmen before start of the work. The workers should be clearly explained about the danger of standing or sitting on an apparently stout & new and neat looking asbestos/CGI sheet which is intrinsically weak.

(iv) The contractor shall clear the site after completion of work.

(v) The contractor must employ the labour force duly insured against life risk.

(vi) The contractors shall ensure compliance of all applicable statutory rules and regulations.

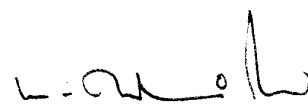
4 DEVIATION CLAUSE:

(i) $\pm 25\%$ of value of individual item other than freakishly rate quoted items.

(ii) For freakishly higher or lower rate quoted items it shall be $\pm 5\%$.

(iii) 20% of Work Order value (Contract value maximum Rs.10 lakhs)

10% of Work Order value (Contract value exceeding Rs.10 lakhs)



(K. TULASI RAO)

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