

ACCEPTANCE LETTER NO: Minutes of CWC – I held on 03-11-2023

To
M/s. Siva Enterprises
No. 3, Patel Street,
Gandhi Nagar, Avadi,
Chennai – 600 054.

Dear Sirs,

Type of work: Item Rate

Sub: REPAIRS / RENOVATION OF CMD / AVNL HOUSE (TYPE – VI / 2) QUARTERS AT HVF
ESTATE

Ref i) Fy Tender No. HVF/TE/13025/CEO/2023-24/44., Dt.25.09.2023.

ii) Your Quotation ID 617677

1. For and on behalf of the President of India, I hereby the acceptance of your tender by the competent financial authority for the above mentioned work for a total value of Rs. 34,67,344.75/- (Rupees Thirty Four Lakhs Sixty Seven Thousand Three Hundred Forty Four and Seventy Five Paise Only) and other 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/11/2023-24/Cap., Dt.08-11-2023 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.86,700.00 (Rupees Eighty Six Thousand Seven Hundred Only) in favour of "Chief General Manager, Heavy Vehicle Factory Avadi" as mentioned in tender condition.

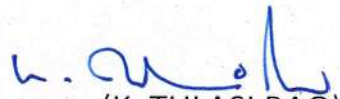
The maturity date of security Deposit shall be minimum 12 months from date of the completion of contract.

4. The contract shall be governed by the terms and conditions as per the contract agreement 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)/CE(Est) is nominated as Engineering-In-Charge and Shri. S.Vijayakumar, JWM / CE(Est) 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, EO & GS

For CHIEF GENERAL MANAGER / HVF

For And On Behalf Of THE PRESIDENT OF INDIA

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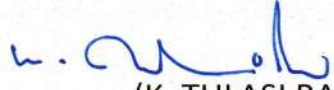
1. GM/HR & F&A, HVF, Avadi
2. Shri. K. Ravichandran, JWM(SG) / CE(Est), Engineer-In-Charge
3. Shri. S.Vijayakumar, JWM / CE(Est), Site-In-Charge
4. Shri. G.Ananda Kumar, WM / IMS, Technical Examiner

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

Work Order/Deviation Order No.	HVF/CE/11/2023-24/Cap., Dt.08-11-2023
Acceptance letter No.	Minutes of CWC-I held on 03-11-2023
Contractor's Name	Siva Enterprises
Name of the work	REPAIRS / RENOVATION OF CMD / AVNL HOUSE (TYPE – VI / 2) QUARTERS AT HVF ESTATE
CA amount	Rs.34,67,344.75

PARTICULARS

1.	Authority	CWC Decision No. Fy.Level CWC-I
2.	Brief Description of work to be carried out	As per details in sheet attached and adhering to your firm quotation in HVF/TE/13025/CEO/2023-24/44., Dt.25.09.2023 for all terms & conditions therein & rates quoted in Schedule 'A' enclosed with tender documents.
3.	Time effect	
a	Date of handing over of the site	10/11/2023
b	Date of commencement of work	10/11/2023
c	Date of completion as per contract	08/02/2024
d	Date of completion shown in previous Orders	NA
e	Revised date of completion	NA
4.	Financial effect (Rs.)	
a	Present order	Rs.34,67,344.75
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.	4076/111/920/34
6.	Certified that no special rate is involved	
7.	Technical Examiner	Shri. G.Ananda Kumar, WM / IMS
8.	Approved	Shri. Tulasi Rao, JT.GM / IMS, EO & GS
9.	Accepted	SIVA ENTERPRISES


(K. TULASI RAO)

JT. GENERAL MANAGER / IMS, EO & GS
For CHIEF GENERAL MANAGER / HVF
For And On Behalf Of THE PRESIDENT OF INDIA

Distribution to :-

1. M/s. Siva Enterprises
2. GM/HR & F&A, HVF Avadi
3. Sr. Security Officer
4. Shri. K.Ravichandran, JWM(SG) / CE(Est), Engineer-In-Charge
5. Shri. S. Vijayakumar, JWM / CE(Est), Site-In-Charge
6. Shri. G.Ananda Kumar, WM / IMS, Technical Examiner
7. HOS/Safety, 8.HOS/ Internal Audit cell, 9. HOS/Test Audit, 10. ALWC.
11. The Chief Commissioner of Central Excise, 26/1. Mahatma Gandhi Road, Nungambakkam, Chennai – 600 034.
12. The Dy. Chief Labour Commissioner (C), No. 26, III Block, 5th Floor, Shastri Bhawan, Haddows Road, Nungambakkam, Chennai – 600 006.

SCHEDULE - "A"					
Item Code	Item Description	Quantity	Unit	Rate/Unit	Amount
1	Demolition of reinforced cement concrete in ground floors and pavings not exceeding 15cm thick.	8.00	m3	1555.00	12440.00
2	Demolition of Brick work built in Cement Mortar of any description	18.00	m3	625.00	11250.00
3	Taking down window Shutters of any description exc 1.0 sq. m each but n.exc 1.50 Sqm and handing over the same to CE(E)/Store.	7.00	Each	125.00	875.00
4	Taking down door shutters with frame or cupboard shutter with frame not exceeding 1.0 sqm each without taking shutter from the frame and handing over the same to CE(E)/Store.	12.00	Each	135.00	1620.00
5	Dismantling floor, hearth or wall tiling including cement mortar bedding (but not backing),removing serviceable tiles to store and rubbish off the premises	130.00	m2	95.00	12350.00
6	Earthwork excavation in hard/dense soil in trenches width and depth not exceeding 1.50 m and getting out	12.00	m3	725.00	8700.00
7	Material and labour for sand filling in foundation including watering and consolidation.	3.00	m3	2155.00	6465.00
8	M & L for P.C.C 1:3:6, C2 Type using 40mm graded aggregated in foundation.	3.00	m3	6255.00	18765.00
9	M & L for R.C.C A1 Type, 1: 1.5: 3 M20, 20mm graded aggregate in foundations, including rafts, footings, column, beam, plinth beams, roof slab etc., complete all as directed by EIC.	22.00	m3	7955.00	175010.00
10	M & L for R.C.C A1 Type, 1: 1.5: 3 M20, 20mm graded aggregate in Slabs supported on walls, beams and columns in floors, roofs, landings, balconies, canopies, deck slabs and in shelves etc., complete all as directed by EIC.	5.00	m3	7755.00	38775.00
11	M & L for form work to side of RCC Member such as columns, pillars roof beam and roof slab etc., and the finishing shall be of fair finished surface.	100.00	m2	725.00	72500.00
12	Supply and fixing of mild steel reinforcement deformed or twisted bars including bending, cranking, hooking and tying with mild steel wire not less than 0.90mm dia. Used RINL-VIZAG Steel/SAIL/TATA-TISCON/"BIS"MARKED.	2700.00	KG	89.55	241785.00

Item Code	Item Description	Quantity	Unit	Rate/Unit	Amount
13	M & L for Brick work built in CM.1:6 using Good quality modular bricks / solid Concrete bricks Bricks.straight or curved on plan exc 6m mean radius.	15.00	m3	5655.00	84825.00
14	Material and Labour for forming jambs using CM 1:4 to opening including cutting, toothing and also facing, jointing and pointing to match existing work complete.	30.00	m2	755.00	22650.00
15	M & L for plastering in CM 1:4, 15mm thick on fair faces of brick work and concrete wall surfaces.	100.00	m2	285.00	28500.00
16	M & L for plastering in CM 1:4, 12mm thick on RCC Ceiling.	50.00	m2	275.00	13750.00
17	M&L for applying two coats of white washing on ceilings fair faced brick/concrete surfaces including preparation of old ceiling surfaces complete all as directed.	50.00	m2	25.00	1250.00
18	M&L for applying 3mm thick wall care putty on wall (Make shall be of JK white putty or Birla white wall care putty).	150.00	m2	85.00	12750.00
19	M&L for applying two coats of plastic emulsion emulsion on internal wall surfaces including preparation of old wall surfaces complete all as directed. Make: Asian/Berger	400.00	m2	125.00	50000.00
20	Material and labour for applying two coats of exterior emulsion on external wall surfaces (two storey building) all complete	420.00	m2	125.00	52500.00
21	Material and Labour for painting of steel surfaces with two coats of synthetic enamel paint including preparation of old steel painted surfaces.	30.00	m2	95.00	2850.00
22	Material and Labour for painting of wooden surfaces with two coats of synthetic enamel paint including preparation of old wooden surfaces.	30.00	m2	115.00	3450.00
23	Providing and fixing factory made UPVC white colour casement (Openable) window made out of extruded profiles with wall thickness of 2.3mm (1.02mm) window profile with hollow section with multi chamber frame(60x58mm) sash (60mmx73mm T profile one vertical length in between two shutters) (60mmx74mm) glazing bead (35x20mm) will be mitred cut and fusion welded at all corners including drilling of holes for fixing hardware and drainage for water etc., making arrangement for fixing EPDM gasket 1.2 to 0.2mm thick galvanized steel frame(28mmx21.5mm) sash (31mmx27.5mm) T profile(27mmx17mm) to be inserted in required profile frame will be fixed to the wall with 8mm x 10mm long fasteners Hardware casement handle made of zinc alloyed(white powder coated) butt hinges of zinc alloyed (white powder coated)transmission gear made of mild steel multi point locking system and 5mm thick glazing selected quality glass (Note the unit rate quoted by contractor excludes glass ,area not exceeding 1.00 sqm each and includes all fittings as directed by EIC)	25.00	m2	13755.00	343875.00

Item Code	Item Description	Quantity	Unit	Rate/Unit	Amount
24	Supply and fixing of Sheet glass ordinary quality 5.50mm thick and glazing with oil putty in square not exceeding 0.5 sq.m in each pane.	20.00	m2	995.00	19900.00
25	S&F of Aluminium Hollow Section for windows with Mosquito Proofing including SS Wire mesh 0.36mm nominal dia of wire and average width of aperture 1.40mm and fixing with stainless steel wire staples and size 16mmx9mm rectangular hollow sections with necessary corner brackets),intermediate sash bars etc all complete and as directed.	50.00	m2	2075.00	103750.00
26	Supply and Fixing of Anodised powder Coated Aluminium frame for doors, windows, ventilators with one or more rebates including joining cleat for fixing etc. complete all as specified.	100.00	KG	575.00	57500.00
27	S & F of I class hard wood door frame, wrought framed rebated on the solid rounded or chamfered put together+B61with glue pined at joints.	0.30	m3	185000.00	55500.00
28	Supply and fixing of 30 mm thick Flush door shutter, solid core construction, with block board core and plywood face panels, commercial type on both sides	6.00	m2	3255.00	19530.00
29	Supply and Fixing of Brass Butt hinges type B-12 of 125mm length.	9.00	Each	225.00	2025.00
30	Supply and Fixing of brass barrel tower bolts with barrel of extruded section and rolled or cast bolts and fixed 200mm long.	6.00	Each	315.00	1890.00
31	Supply and Fixing of Extruded Brass Handles fabricated type polished of 150mm length	6.00	Each	275.00	1650.00
32	Supply and Fixing of Brass 4 levers Mortice lock vertical type of Size 100mm	3.00	Each	815.00	2445.00
33	Supply and Fixing of Brass door stopper 150mm length.	3.00	Each	295.00	885.00
34	Supply and fixing of Door closure hydraulically regulated designation No.3 universal or hard drawn type of Aluminum extruded body.	4.00	Each	1255.00	5020.00
35	M & L for Virified Ceramic tiles Dark Shade 10 mm thick in Floors (square/ rectangular) polished, area of each tiles not exceeding 0.36 sqm, in floors etc. set and jointed in neat cement slurry and pointed in white or coloured cement to match including Screed bedding 1:4, 15mm thick for laying floor finishes.	65.00	m2	1755.00	114075.00

Item Code	Item Description	Quantity	Unit	Rate/Unit	Amount
36	M & L for Virified Ceramic tiles light Shade 10 mm thick in Floors (square/ rectangular) polished, area of each tiles not exceeding 0.36 sqm, in floors etc. set and jointed in neat cement slurry and pointed in white or coloured cement to match including Screed bedding 1:4, 15mm thick for laying floor finishes.	110.00	m2	1855.00	204050.00
37	S& F of Virifield ceramic light shade tiles 10mm thick (sq/rectangular), area of each tiles not exceeding 0.36 sqm in floors etc. Set and jointed in neat cement slurry and pointed in white or coloured cement to match.	20.00	m2	1655.00	33100.00
38	Material and Labour for GI frame work for seamless ceiling comprising of GI perimeter channel 0.55 mm thick with two unequal flanges of 20 and 30 mm and web of 27 mm fixed to surrounding wall using nylon sleeves and screws at 450 mm centre to ntre/intermediate channel 0.9 mm thick having two equal flanges of 15 mm each and web of 45 mm suspended from soffit at approx 900 mm centre to centre with GI cleat and steel expansion fasteners with and including ceiling section (not exc 1.2 m length) of 0.55mm thickness having kurlled web of 50 mm and flange of 26 mm each with lips of 10.5mm fixed to the intermediate channel with connecting clips across the intermediate channel at 457 mm centre to centre with Hangers 6 mm dia. G.I. (upto 1200mm length) adjusting level fixed to roof slabs by means of ceiling cleats made out of G.I. flat 40 x 3 mm size 60mm long and expansion hold fasteners 12.5mm dia. 40mm long complete all as specified. complete as directed by EIC.	40.00	m2	655.00	26200.00
39	Material and Labour Providing and fixing 10mm thick plaster of paris ceiling (Gypsum anhydrous) to flat surface with metal frame work and reinforced with G.I. wire mesh (Filleets, metal frame work and G.I. wire mesh paid separately) including for any raised or sunk moulding & Including cornice at corners and applying of neeru finish/putty and one coat of primer and two coats of plastic emulsion complete as directed by EIC. and also making the provisions for electrical fittings etc by cutting the board as approved and complete.	40.00	m2	2015.00	80600.00
40	Material and Labour for providing cornice to the false ceiling at the corners of 15cm width and apply neeru finish/putty and one coat or primer and two coats of plastic emulsion complete ad directed by EIC.	30.00	m	325.00	9750.00

Item Code	Item Description	Quantity	Unit	Rate/Unit	Amount
41	Supply and Fixing of Granite 20mm thick (of any type) work (table rubbed and polished) in steps, jambs, pillars, window-cills, cooking platforms and like in cement mortar (1:4) including pointing in white cement (1:2) using marble dust with admixture of pigment to match with shade of granite complete all as directed by EIC.	25.00	m2	5655.00	141375.00
42	Material and Labour for Providing edge moulding for Granite stone of 18-20mm thick stone of counters vanities etc. including machine polishing to edge to give high gloss finish etc. complete.	80.00	m	405.00	32400.00
43	S& F of Water proof Plywood of thickness 18mm including necessary adhesives etc complete.	74.00	m2	1855.00	137270.00
44	S&F of white/half white laminated sheet of thickness 0.6 mm Fixed on both sides of plywood including necessary adhesives etc complete.	150.00	m2	695.00	104250.00
45	S &F of PVC Edge Band 1.00 mm Thick around the edges of shutter	150.00	m	265.00	39750.00
46	S&F of Colour Acrylic laminated sheet of thickness 1.20 mm Fixed on both sides of plywood including necessary adhesives etc complete.	59.00	m2	2155.00	127145.00
47	Supply and Fixing of Stainless steel Handle of Size 300mm including necessary screws etc complete.	25.00	Each	875.00	21875.00
48	Supply and Fixing of Stainless steel Handle of Size 200mm includign necessay screws etc complete.	20.00	Each	755.00	15100.00
49	Supply and Fixing of Stainless steel Handle of Size 150mm including necessary screws etc complete.	15.00	Each	655.00	9825.00
50	Supply and Fixing of soft closer Runner 500/550mm	26.00	pair	1745.00	45370.00
51	Supply and Fixing of Soft closer auto Hinges	80.00	No	375.00	30000.00
52	Supply and Fixing of SS Basket 200 mm depth as per req size	4.00	Each	5355.00	21420.00
53	Supply and Fixing of SS Basket 150 mm depth as per req size	4.00	Each	4855.00	19420.00
54	Supply and Fixing of SS Basket 100 mm depth as per req size	4.00	Each	4555.00	18220.00
55	S&F of oil pull out 150 mm	1.00	Each	5145.00	5145.00
56	Supply and fixing sheet glass Frasted quality of 4.00mm thick	5.00	m2	1455.00	7275.00
57	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.	1.00	Each	4855.00	4855.00

Item Code	Item Description	Quantity	Unit	Rate/Unit	Amount
58	Providing and fixing in position Toilet Wall mounted Coupled Closet, Including soft seat cover, concealed flush tank etc. Make : JAGUAR/KOHLER/DURAVIT	2.00	Each	37500.00	75000.00
59	Diverter with hand shower and rain shower of 200mm dia	2.00	Each	18750.00	37500.00
60	Supply and Fixing of hot and cold Piller cock 15mm long body fixed on wash basin with all nessary fitting etc(make parryware/Jaguar).	2.00	No	3755.00	7510.00
61	Providing and fixing Counter sunk wash basins, waste coupling. Cost incl. of providing and fixing of bottle traps, angle valve, Teflon tape etc. complete as directed by the architects. Make: GUAR/KOHLER/DURAVIT.)	2.00	Each	9755.00	19510.00
62	Supply and fixing of Angle Cock (15mm) with pipe (Jaguar make).	10.00	Each	1425.00	14250.00
63	Supply and fixing of PVC connections 15mm size with PTMT nuts of length 450mm.	8.00	Each	155.00	1240.00
64	Supply and fixing of Health facet cromium plated (ESS YES VICTORIAN" Make).	2.00	Each	950.00	1900.00
65	Supply and fixing of towel rake (Jaguar Make).	2.00	Each	3255.00	6510.00
66	Supply and fixing of towel Ring of Mrake (Jaguar Make).	1.00	Each	1255.00	1255.00
67	Supply and Fixing of Soap dish fixed with chromium plate brass screws and wooden/plastic cleats (make parryware/Jaguar).	2.00	No	955.00	1910.00
68	S & F of Looking Mirror of any size as required at site selected quality glass, mount on 6mm thick AC building board or commercial plywood and fixed to wooden plugs with chromium plated brass.	5.00	m2	1255.00	6275.00
69	Supply and fixing of tubular towel rail 20mm D type 60cm long of Brass Chromium plated with and including chromium coated brass screws and wooden /plastic cleats.	2.00	Each	925.00	1850.00
70	Supply and Fixing of CPVC pipe 25 mm SDR11 & plain CPVC SDR 11 Fitting on concealed walls/ceiling or laying in floor complete all as specified.	40.00	m	375.00	15000.00
71	Supply and Fixing of CPVC pipe 20 mm SDR11 & plain CPVC SDR 11 Fitting on concealed walls/ceiling or laying in floor complete all as specified.	30.00	m	255.00	7650.00
72	M&L for PVC Multi floor trap diameter of out let in 75mm with grating including with solvent cement.	8.00	Each	425.00	3400.00
73	S & F of PVC 110mm dia Pipes single socketed, in any length with rubber ring joints laid in trenches or in floors.	20.00	m	185.00	3700.00

Item Code	Item Description	Quantity	Unit	Rate/Unit	Amount
74	S & F of PVC 110mm dia Pipes single socketed, in any length with rubber ring joints fixed to walls.	20.00	m	185.00	3700.00
75	S & F of PVC Bend 110mm dia any radius.	8.00	Each	115.00	920.00
76	S & F of PVC (SWR) reducers 110mm dia any radius.	4.00	Each	145.00	580.00
77	S & F of PVC Bend with door 75mm dia any radius,	6.00	Each	145.00	870.00
78	Supply and Fixing of Factory Made Solid PVC Moulded Door Shutter, 28 to 30mm thick(stiles), with 2, 4, or 6 raised panel design with 2mm thick Moulded PVC Sheet on the front face & 2mm plain colour PVC sheet onback face, frame at site as per specification& drawing 2mm thick 3D wood grain Moulded PVC Sheet Polyurethane paintedon the front face & 2mm Plain colour PVC Sheet on back face With Particle With (Wood Board Core) with and as approved and as directed by EIC	5.00	m2	5955.00	29775.00
79	Supply and fixing of 100 mm butt hinges extruded alloy type with brass hinge pin	9.00	Each	225.00	2025.00
80	Supply and fixing of 150 mm of aluminium anoxized barrel tower bolt of extruded section	6.00	Each	75.00	450.00
81	Supply and fixing of 150 mm aluminium handle cast type anodized	6.00	Each	65.00	390.00
82	Cutting chases in Brick walls, 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	70.00	m	55.00	3850.00
83	Excavating in post holes in Hard/dense soils (or similar holes) each n exc 0.5 cu.m, getting out, returning,filling in and ramming earth or broken rubble mixed with earth around, in layers not exceeding25cm,	6.00	Each	395.00	2370.00
84	Material and labour for cement concrete 1:2:4 Type B1 20mm graded aggregate in foundation filling and mass concrete.	6.00	m3	7155.00	42930.00
85	Supply and Fabrication or Steel work in tubular trusses including special shaped washer etc. complete using ERW or induction butt welded tubes conforming to I. S.1161- 1979 grade St.-240	800.00	KG	135.00	108000.00
86	Supply and Fixing of pre-printed galvalume aluminium zinc coating GI based corrugated steel sheet 0.50mm (TCT) thick of any clour having tensile strength of 550Mpa as in roof covering /cladding to wall fixed with self tapping screws as specified.	40.00	m2	825.00	33000.00

Item Code	Item Description	Quantity	Unit	Rate/Unit	Amount
87	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	m2	155.00	4650.00
88	Supply and fixing of Cement concrete Tiles 20cmx20cmx20mm thick with grey cement and pigment machine pressed with screed bed or bedding layer in CM 1:3, 15mm thick and pointed in neat cement slurry in floors and cut polished.	59.00	m2	1425.00	84075.00
89	Returning / refilling of Hard /dense soil including spreading, levelling, watering and well ramming in layers not exceeding 25cm.	8.00	m3	145.00	1160.00
90	Removal of excavated soils exceeding 250mm but not exceeding 500mm and depositing where directed.	3.00	m3	355.00	1065.00
91	Material and labour for Point wiring with 1.5sqmm 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/ roof/L angle 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 copper wire or 1.5 sq.mm stranded copper earth continuity wire. one light point controlled by one switch light/fan	30.00	Point	1075.00	32250.00
92	Material and labour for Point wiring with 1.5sqmm 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/ roof/L angle 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 copper wire or 1.5 sq.mm stranded copper earth continuity wire. One 3 pin plug socket with switches flush type 5A on same board with 2.5sqmm cable	7.00	Point	315.00	2205.00
93	Material and labour for Point wiring with 1.5sqmm 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/ roof/L angle 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 copper wire or 1.5 sq.mm stranded copper earth continuity wire. One 3 pin plug socket with switches flush type 5A on Independent board with 2.5sqmm cable	8.00	Point	1255.00	10040.00

Item Code	Item Description	Quantity	Unit	Rate/Unit	Amount
94	Supply fixing and connecting to the system modular type switches 6A single pole one way (Make:,LEGRAND MYRIUS/ Litaski/ Crabtree)	50.00	Each	285.00	14250.00
95	Supply, fixing and connecting to the system of socket, 6A-2/3 pin combined modular type 2 module(Make:,LEGRAND MYRIUS/ Litaski/ Crabtree)	20.00	Each	375.00	7500.00
96	Supply, fixing and connecting to the system modular type switch one way 16A, 1 module (Make:,LEGRAND MYRIUS/ Litaski/ Crabtree)	9.00	Each	375.00	3375.00
97	Supply, fixing and connecting to the system of socket, 6/16A-2/3 pin combined modular type 2 module(Make:,LEGRAND MYRIUS/ Litaski/ Crabtree)	9.00	Each	565.00	5085.00
98	Material & Labour for ceiling rose, 3 Phase/PVC/polycarbonate, isolated body (ANCHOR / LEGRAND/ HAVELLS make).	12.00	Each	65.00	780.00
99	supply & fixing of lamp holders PVC/polycarbonate type with cord grid cap suitable for pendant/straight/slanding fittings.	3.00	Each	125.00	375.00
100	Supply & fixing of modular white cover plate with frame 2 module	8.00	Each	205.00	1640.00
101	Supply & fixing metal flush box for 2 module plate	8.00	Each	185.00	1480.00
102	Supply & fixing of 4 module modular white cover plate with frame	3.00	Each	225.00	675.00
103	Supply & fixing of metal flush box for 4 module plate	3.00	Each	225.00	675.00
104	Supply & fixing of 6 module modular white cover plate with frame	8.00	Each	325.00	2600.00
105	Supply & fixing of metal flush box for 6 module plate	8.00	Each	295.00	2360.00
106	Supply & fixing of 8 module plate with frame	3.00	Each	415.00	1245.00
107	Material & Labour for wiring with two runs of FRLS 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. 2x2.5 sq.mm+1x2.5 sq.mm earth wire. (Make: Finolux/Havells/Polycab/ Kundan)	145.00	m	198.55	28789.75
108	Material & Labour for wiring with two runs of FRLS 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. 2x4.0 sq.mm+1x4.0 sq.mm earth wire (Make: Finolux/Havells/Polycab/ Kundan)	95.00	m	235.00	22325.00

Item Code	Item Description	Quantity	Unit	Rate/Unit	Amount
109	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. 20 cm girth.	115.00	m	55.00	6325.00
110	Demolition of cement concrete of any description and in any position	1.00	m3	1555.00	1555.00
111	Material and labour for cement concrete 1:2:4 Type B1 using 20mm graded aggregate in foundations, filling and mass concrete.	1.00	m3	7155.00	7155.00
112	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 .	5.00	Point	165.00	825.00
113	Supply and fixing of 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.	6.00	Each	1455.00	8730.00
114	Supply and fixing of 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 / Bajaj /CG /Havells / Wipro.	2.00	m	1455.00	2910.00
115	Supply and fix exhaust fan, steel body AC single Phase. 230V of size 300mm sweep with, blades, and frame and louvers Make: Almonard/Kaithan	1.00	Each	3785.00	3785.00
116	Supply and fixing ceiling fans complete with blades, down rods, electronic regulator and accessories, 230 V, 1200 mm sweep. Min air delivery 210 CFM with service value 6.00 BEE. Five star rated with brushless direct current motor (BLDC) Make:Usha/ crompton/ atomberg/ havells/ orient	4.00	Each	2855.00	11420.00
117	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. 8 Bar pressure. Make: Havells/ Racold/ Crompton	2.00	Each	10995.00	21990.00

Item Code	Item Description	Quantity	Unit	Rate/Unit	Amount
118	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.	2.00	Each	1125.00	2250.00
119	Supply, fixing and connecting to the system modular type switch one way 20A, Single pole 2 module. (Make: LEGRAND MYRIUS/ Litaski / Crabtree)	2.00	Each	325.00	650.00
120	Supply & fixing metal flush box for 8 module plate	3.00	Each	135.00	405.00
121	Supply & fixing of 12 module plate with frame and metal flush box	3.00	Each	475.00	1425.00
122	Supply & fixing of modular type Dummy plate	20.00	No.	25.00	500.00
Total of Items Rs.					3467344.75
Add Taxes as applicable Rs.					0.00
Gross Total Rs.					3467344.75



(K. TULASI RAO)

JT. GENERAL MANAGER / IMS,EO & GS

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 contractors should be noted along with challan / vouchers etc., and a copy of the same are to 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-A of MES Safety Code, IAFW2249 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 in.

- (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 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)
- (iv) 10% of work order value (Contract value exceeding Rs.10 lakhs)



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