

ACCEPTANCE LETTER No : MINUTES OF CWC - I HELD ON 07-06-2024

To

M/S. MSK CONSTRUCTION,
NO.120, FIRST STREET,
SANIPOONDI,
TIRUVANNAMALAI TALUK & DISTRICT – 606755.

Dear Sir,

Type of Work: ITEM RATE

Sub : SPECIAL REPAIRS TO TOILET, OFFICE ROOM, MAIN GARAGE, VEHICLE SHED AND PATHWAY IN TPT SECTION AT OLD FACILITY IN HVF, AVADI.

Ref: (i) HVF Tender No. HVF/TE/13025/CEO/2023-24/77, Dt. 05-03-2024. Tender ID : 2024_AVNL_189794_1
(ii) Your Bid No: 689691 in this tender and your price reduction letter dated.02.05.2024, 27.05.2024 & 07.06.2024 and confirmation for quality vide email dated.03.05.2024.

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. 1,28,88,500 /- (Rupees One Crore Twenty eight Lakhs eighty eight thousand five hundred 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/05/2024-25/CAP, Dated. 25-06-2024** 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. 2,55,000 /- (Rupees Two Lakh fifty five thousand only) in favour of "Chief General Manager, Heavy Vehicle Factory, Avadi" as mentioned in tender condition.

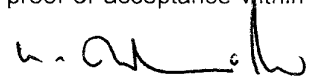
The maturity date of security Deposit shall be minimum 12 months from date of the completion of contract.

4. The contract shall be governed by the terms and conditions as per the contract 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. G. Anandakumar, WM / IMS is nominated as Engineer-in-Charge and Shri. Amarjit Kumar, JWM/IMS/CE (FY) is nominated as Site In-charge for the subject work respectively.

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

Copy to :

1. GM / F&A, IMS, HVF, Avadi, Chennai – 600054
2. Shri. Pranjit Bhagabati, DGM/IMS - Technical Examiner
3. Shri. Shri. G. Anandakumar, WM / IMS - Engineer –In- Charge
4. Shri. Amarjitkumar, JWM / IMS / CE (FY) - Site –In- Charge

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

Work Order/Deviation Order No	HVF/CE/05/2024-25/CAP., dated 25-06-2024
Acceptance letter No.	MINUTES OF CWC – I HELD ON 07-06-2024
Contractor's Name	M/S. MSK CONSTRUCTION
Name of the work	SPECIAL REPAIRS TO TOILET, OFFICE ROOM, MAIN GARAGE, VEHICLE SHED AND PATHWAY IN TPT SECTION AT OLD FACILITY IN HVF, AVADI.
CA amount	Rs. 1,28,88,500 /-

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 Bid No: 689691 in this tender No. HVF/TE/13025/CEO/2023-24/77, Dt. 05-03-2024. Tender ID : 2024_AVNL_189794_1 and your price reduction letter dated.02.05.2024, 27.05.2024 & 07.06.2024 and confirmation for quality vide email dated.03.05.2024 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	01/07/2025
d. Date for completion shown in previous Orders	NA
e. Revised date of completion	NA
4. Financial effect (Rs.)	
a. Present order	Rs. 1,28,88,500 /-
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	920 / 34 (Under Capital Civil Works 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	M/S. MSK CONSTRUCTION


(K. TULASI RAO)

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

Distribution to :--

1. M/s. MSK CONSTRUCTION
2. GM / F&A,IMS, HVF, Avadi, Chennai - 600054
3. Sr. Security Officer
4. Shri. Pranjit Bhagabati, DGM/IMS - Technical Examiner
5. Shri. Shri. G. Anandakumar, WM / IMS - Engineer –In- Charge
6. Shri. Amarjitkumar, JWM / IMS / CE (FY) - Site –In- Charge
7. HOS/Safety, 8. HOS/Internal Audit cell, 9. HOS/Test Audit, 10. ALWC,11.HOS/TPT
12. Chief Commissioner of Central Excise, 26/1, Mahatma Gandhi Road, Nungambakkam, Chennai – 600034
13. Dy. Chief Labour Commissioner(c), No: 26, III Block, 5th floor, Shastri Bhavan, Haddows Road, Nungambakkam, Chennai – 600006.

SCHEDULE – 'A'

Item Code	Item Description	Unit	Quantity	Rate/Unit (Rs.)	Total Cost (Rs.)
1	Removal of existing Roof treatment of any type including the weathering course of any depth provided in any type of concrete by demolition till the mother concrete old R.C.C Roof top is visible and removal of the top coating/bitumen/lime concrete track from the roof so that the old concrete top surfaces is fully clam/fresh to receive any further new treatment. This rate including complete work as specified above including removal of the debris from the roof top and cleaning the area neat & clean, removal of the debris to a location specified (not less than 1km from the site) and filing the low laying area including spreading the heaps to a have uniform surface which will not affect the flow of water to nearly low being area/catchment area.	m2	1650.00	210.00	346500.00
2	Material and labour for providing a cement concrete layer average thickness 55mm using B0 type concrete and finishing the surface.	m2	1160.00	600.00	696000.00
3	Supply of liquid waterproofing compound for plastering in roof surfaces. The make of liquid waterproofing compound should be got approved by E-I-C.	Litre	45.00	300.00	13500.00
4	Protection of Membrane Providing and laying Protective layer of 210 GSM Geotextile before laying the protection screed	m2	1650.00	70.00	115500.00
5	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/Cipox 16 D of Dr. Fixit, makes) or suitably equivalent make as approved by EIC and finishing the top surface.	m	700.00	120.00	84000.00
6	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 & application of seamless PU based elastomeric coating over a primer coat to achieve a thickness of 1.50mm DFT in two coats, with an application rate of minimum 2.1 kg/Sq.M, 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/sq.m (The Contractor Shall use the material from the reputed manufacturers such as" Master Builders Solution" "MYK Arment", Dr. Fixit", Alchimica", "Bostik" and " Tecnopol") or suitably equivalent make as approved by EIC).	m2	1650.00	700.00	1155000.00
7	M & L for dismantling floor, hearth or wall tiling including cement mortar bedding (but not backing), removing serviceable tiles to store and rubbish off the premises.	m2	650.00	120.00	78000.00
8	Roughening the surfaces of old concrete floor by picking , sweeping clean and washing down with water to remove dust and brushing with neat cement slurry with 3.0Kg of cement per Sq.Meter.	m2	500.00	95.00	47500.00

Item Code	Item Description	Unit	Quantity	Rate/Unit (Rs.)	Total Cost (Rs.)
9	Supply and Fixing of dark shade Vitrified Ceramic tiles 10 mm thick (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 and screed bed or bedding layer in CM1:3, 20mm thick for laying floor finishes.	m2	400.00	1500.00	600000.00
10	Supply and Fixing of dark shade Vitrified Ceramic tiles 10 mm thick (square/ rectangular) polished, area of each tiles not exceeding 0.36 sqm, in floors/wall etc. 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.	m2	700.00	1400.00	980000.00
11	M & L for Cement coloured concrete tiles 20cm x 20cm x 20mm thick, machine pressed; set jointed and pointed in neat cement slurry in floors, and cut and polished with white cement and pigment.	m2	70.00	1000.00	70000.00
12	Dismantling of Asbestos cement sheets (corrugated, semi corrugated etc.) in roof coverings as directed and returning to CE stores intact.	m2	4900.00	100.00	490000.00
13	S & F of Pre- painted galvalume aluminum zinc coating GI based corrugated steel sheet 0.50mm thick of an colour having tensile strength of 550 Mpa as in roof covering/cladding to wall, fixed with J-type or cranked hook bolts and self tapping screws as specified.	m2	4900.00	679.00	3327100.00
14	S & F of Pre-painted galvalume aluminum zinc coating GI based Plain steel sheet 0.50mm thick of any colour having tensile strength of 550 Mpa as in roof covering/cladding to wall, fixed with self tapping screws as specified	m2	600.00	700.00	420000.00
15	Dismantling Wall and ceiling boards (fibre, pulp, insulation, etc.) or insulation boards/slabs/ blankets, any thickness, including cover fillets.	m2	50.00	72.00	3600.00
16	Supply and fixing of Anodised aluminium snap grid frame work for false ceiling all as specified.	m2	50.00	500.00	25000.00
17	S & F of Anodised aluminium frame for Partition, doors, windows, ventilators with one or more rebates including joining cleat for fixing etc. complete all as specified	KG	115.00	797.00	91655.00
18	S & F of Anodised aluminium door shutters, aluminium section weighing 0.55 kg/m including necessary joining cleats, glazing clips, rubber neoprene packing, handles 2 Nos in each door, hinges, anodised aluminum snap beading screws etc. complete all as specified.	m2	5.00	2211.12	11055.60
19	Supply and fixing of pre-laminated particle board of 12mm thick with both sides with decorative choice lamination.	m2	55.00	1000.00	55000.00
20	Material and Labour for exposed metal frame ceiling with calcium silicate board (8mm) of siliceous and calcareous material reinforced with cellulose fibre for fixing in 600 mm x 600mm grid (Frame work for ceiling shall be measured and paid separately)	m2	50.00	600.00	30000.00
21	Material and labour for painting calcium silicate board in ceiling with one coat of primer over two coat of plastic internal emulsion preparation of new surfaces.	m2	50.00	160.00	8000.00
22	Dismantling structural steel work including door, gates but excluding frame truss etc.	Quintal	1.80	1068.00	1922.40

Item Code	Item Description	Unit	Quantity	Rate/Unit (Rs.)	Total Cost (Rs.)
23	S & F of Anodised aluminium window and ventilator shutters, side fixed type without sash bars, aluminium sections weighing 0.55 kg/m including necessary joining cleats, glazing clips, rubber packing, anodised aluminium snap beading, screws, complete all as specified	m2	55.00	4500.00	247500.00
24	Taking down window frame with shutter not exceeding 1.5 sq.m and handing over the same to CE stores.	Each	30.00	400.00	12000.00
25	S & F of 4mm thick Sheet glass, ordinary quality and glazing with oil putty in square exc 0.5 sq. m in each pane	m2	65.00	2000.00	130000.00
26	S & F of Anodised aluminium frame and grill fixed with ' F ' type aluminium channel complete.	KG	95.00	900.00	85500.00
27	Taking down cement plaster on brick or stone walls, tiles etc. including raking out joints, hacking for key, scrubbing down with water, etc.	m2	900.00	150.00	135000.00
28	M & L for Dubbing in CM 1:4, 10mm thick on faces of old brick work and concrete surfaces.	m2	900.00	460.00	414000.00
29	M & L for plastering in CM 1:3, on fair faces of ceiling to 12mm thick.	m2	100.00	460.00	46000.00
30	M & L for plastering in CM 1:4, 15mm thick on fair faces of brick work, concrete surfaces and Door & Window Jamb plastering.	m2	800.00	450.00	360000.00
31	Demolition of brickwork or stone/ boulder masonry, built in cement mortar	m3	0.50	1010.00	505.00
32	Surface excavation hard dense soil n.exc (not exceeding) 30 cm deep and averaging 15cm deep and getting out	m2	200.00	100.00	20000.00
33	Earth work excavation in hard/ dense soil for foundation width and depth not exceeding 1.50m and getting out.	m3	20.00	300.00	6000.00
34	Material and labour for sand filling in foundation including watering and consolidation.	m3	30.00	2000.00	60000.00
35	Material and Labour for P.C.C 1:4:8,D2 type using 40mm graded aggregated in foundation and flooring.	m3	8.00	7000.00	56000.00
36	Material and labour for cement concrete 1:2:4 Type B2 20mm graded aggregate in foundation filling and mass concrete.	m3	30.00	9000.00	270000.00
37	M & L for Brick work built in CM 1:6 using Sub-Class "B" Bricks, straight or curved on plan exc 6m mean radius.	m3	5.00	12000.00	60000.00
38	Taking down door shutters but exc 1 sq. m and n exc 2 sq. m each and handing over the same to CE (Stores),	Each	10.00	365.00	3650.00
39	S/F of plain solid straight chowkats and frames, wrought framed rebated on the solid rounded or chamfered put together, with glue pinned at joints of 2nd class hard wood.	m3	0.40	135500.00	54200.00
40	M & L for preparing surfaces of wood and wood based materials new or old, of any description and girth, not otherwise described and treated with creosote oil	m2	6.00	33.00	198.00
41	Cutting of holes in brick wall built in Cement mortar not exceeding half brick wall	Each	116.00	1000.00	116000.00
42	Supply and fixing of holdfast made out of 25 X 6 mm flat fixed to window frame.	KG	35.00	160.00	5600.00
43	Supply and fixing of 40 mm thick Flush door shutter solid core construction with block board core and plywood face panels, commercial type of both sides.	m2	60.00	3000.00	180000.00
44	S & F for 125mm Butt hinges, extruded brass, with mild steel hinge pin, bright polished and fixed, type B-11.	Each	90.00	425.00	38250.00

Item Code	Item Description	Unit	Quantity	Rate/Unit (Rs.)	Total Cost (Rs.)
45	S & F of 375mm Brass, sliding door bolt with sand or die-cast brass hasp, staple (bolt type) and fixing bolt with rolled or drawn brass bolts and fixed.	Each	30.00	900.00	27000.00
46	S & F of 200mm Brass barrel tower bolts, with cast or sheet barrel and rolled or cast bolts and fixed.	Each	60.00	900.00	54000.00
47	S & F of 150mm Extruded brass handles, fabricated type polished.	Each	60.00	1500.00	90000.00
48	S & F of Aluminium (Die cast) body door closer hydraulically regulated, designation No. 3, universal type, suitable for door shutters of 851 to 1000 mm in width and of weight between 61 to 80 kg and fixed	Each	19.00	2000.00	38000.00
49	M & L for Cutting out cracks to V-section in existing roofs or terracing, cleaning out, wetting, grouting with cement and sand slurry 1:3	m	400.00	120.00	48000.00
50	Demolition and breaking up drain pipes 100mm (Salt glazed ware, AC or Reinforced concrete) set in cement mortar and removing from the site to nearby low lying area.	m	100.00	83.00	8300.00
51	S & F of PVC 110mm dia Pipes single socketed, in any length with rubber ring joints laid in trenches or in floors.	m	100.00	500.00	50000.00
52	S & F of PVC (SWR) 110mm dia Pipes single socketed, in any length with rubber ring joints laid in trenches or in wall.	m	75.00	450.00	33750.00
53	S & F of PVC 75mm dia Pipes single socketed, in any length with rubber ring joints laid in trenches or in floors.	m	40.00	270.00	10800.00
54	S & F of PVC Bend 110mm dia any radius	Each	8.00	210.00	1680.00
55	S & F of PVC Bend 75mm dia any radius	Each	8.00	185.00	1480.00
56	S & F of 15mm Bib Taps, cast copper alloy with crutch or butterfly handle, screwed for iron pipe or for brass ferrule fancy type and chromium plated (Make: waterman, Metro or equivalent)	Each	20.00	1000.00	20000.00
57	Supply and fixing of EWC Vitreous China wash down water closet pan (pedestal pattern), white with "P" or "S" trap including Wash down water closet (Pedestal pattern), complete High or low level flushing cistern, and connections to pipes and fixing of chain and pull, or lever, if any pvc valveless, syphonic action type, flushing cistern 10 litres capacity, low level, white, with inlet, ball valve, float and handle including bracket	Each	4.00	7000.00	28000.00
58	Supply and fixing of 110mm PVC (SWR) vent cowl	Each	8.00	150.00	1200.00
59	Supply and fixing of vitreous China squatting pan of pattern "long pan", size 580 mm white with 'P' or 'S' trap, front or back inlet and foot rests, any pattern including provision of lime concrete bedding PVC valveless 10 litre, syphonic action type, flushing cistern, low level, white, with inlet, ball valve, float and handle including brackets Flush pipe of polyethylene of low or high density or PVC. 32 mm dia, for low level cistern	Each	4.00	5880.00	23520.00

Item Code	Item Description	Unit	Quantity	Rate/Unit (Rs.)	Total Cost (Rs.)
60	Supply and fixing of vitreous China wash basin, white, flat back, size 580x450 Wash basins, Vitreous China (flat back or angle back type) any size, including cutting for and pinning in ends of brackets or erecting stand fixed in repair Waste fittings 32mm, brass, chromium plated for glazed ware sinks, basins, etc. with long screwed shanks and fly-nuts, flange end bedded in red lead cement and other end fixed Pillar taps, cast copper alloy, with capstan heads, chromium plated, screwed down high pressure, with or without lettered 'Hot' or 'Cold' with long screwed shanks and fly-nuts, screwed for iron pipe and fixed. (Bore dia 15mm)	Each	8.00	4400.00	35200.00
61	Supply and Fixing of Viterous china urinal half stall type including providing and fixing plugs bedding urinals against wall in CM 1:2 securing urinal to plugs with and including 60mm long brass screw pointing around urinal around urinal back in cement and waste pipe including ect complete and dismantling of existing urinal complete.	Each	6.00	3600.00	21600.00
62	Supply and Fixing of 600mmx450mm bevelled edge mirror of selected quality glass, mounted on 6mm thick AC building board or commercial plywood and fixed to wooden plugs with chromium plated brass screws and cup washers	Each	6.00	2500.00	15000.00
63	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.	Each	8.00	1320.00	10560.00
64	Supply and fixing of soap dish fixed to plugs with chromium plated brass screws. approximate size 160x 160x90mm	Each	6.00	440.00	2640.00
65	cutting chases, pinning in making good to facing where required and pointing in cement mortar 1:3 for water tubing etc., and making good , cutting not exceeding 10cm girth in brick wall.	m	50.00	86.00	4300.00
66	Taking down 20mm steel tubing and connection including cleaning for refixing or removal to stores.	m	70.00	110.00	7700.00
67	Taking down 25mm or 32mm steel tubing and connection including cleaning for refixing or removal to stores.	m	65.00	200.00	13000.00
68	Taking down 40mm or 50mm steel tubing and connection including cleaning for refixing or removal to stores.	m	50.00	84.00	4200.00
69	Supplying and laying of CPVC pipes 40 mm outer diameter SDR 11 & Plain CPVC SDR 11 fittings on walls/ceiling or laying in floors complete all as specified.	m	50.00	450.00	22500.00
70	Supplying and laying of CPVC pipes 25 mm outer diameter SDR 11 & Plain CPVC SDR 11 fittings on walls/ceiling or laying in floors complete all as specified.	m	45.00	350.00	15750.00
71	Supplying and laying of CPVC pipes 20 mm outer diameter SDR 11 & Plain CPVC SDR 11 fittings on walls/ceiling or laying in floors complete all as specified.	m	85.00	300.00	25500.00
72	Supply and Fixing of chromium plated cast copper alloy bib cock of size 15mm.	Each	10.00	795.00	7950.00
73	Supply and fixing of cast copper alloy screwed down, high pressure stop cock /angle cock fancy type chromium plated concealed type of size 15mm	Each	8.00	1000.00	8000.00

Item Code	Item Description	Unit	Quantity	Rate/Unit (Rs.)	Total Cost (Rs.)
74	S & F of Pillar cock chromium plated to wash basin 15mm dia ditto, but fancy type, with capstan heads, screwed down high pressure with long screwed shanks for iron pipe.	Each	8.00	1150.00	9200.00
75	M & L of PVC gully trap 125/110mm setting and jointing with chromium plated grating plate	Each	7.00	2000.00	14000.00
76	M & L of PVC (SWR) floor trap plain of size 75mm with grating including jointing with solvent cement.	Each	7.00	200.00	1400.00
77	Supply and Fixing of Aluminium Coat Hooks of solid body of size 175mm to 250mm	Each	8.00	115.00	920.00
78	S & F of 20mm Gun-metal, globe or gate valves, with iron wheel head, screwed both ends for iron pipe and fixed.	Each	10.00	600.00	6000.00
79	S & F of Wire netting of size 12mm stainless steel wire 1.4mm dia fixed with tinned tacks of stainless steel wire staples.	m2	60.00	420.00	25200.00
80	Material and labour for painting steel (Priming with red oxide, zinc chrome) surfaces of any description over 10cm width or girth with two coats of synthetic enamel paint over a coat of primer including preparing new surfaces.	m2	20.00	200.00	4000.00
81	Material and labour for painting two coats of synthetic enamel paint on old steel surfaces including preparation of old surfaces.	m2	50.00	200.00	10000.00
82	M & L for painting to wooden surfaces of (pink primer) any description over 10cm width or girth with two coats of synthetic enamel paint over a coat of primer including preparing new surfaces.	m2	120.00	200.00	24000.00
83	Material and Labour for painting wood work with one coat of synthetic enamel paint including preparation of old wood painted surfaces.	m2	30.00	110.00	3300.00
84	Supply and fixing of Machine pressed precast concrete interlocking paver block with gray cement & pigment any shape and size conforming to IS 15658-2006 of 60 mm thickness, M-35 Grade	m2	200.00	1200.00	240000.00
85	Complete removal of existing treatment on external wall surfaces	m2	700.00	100.00	70000.00
86	Material and labour for single coat of priming plastered and other wall surfaces with alkali resistant priming paint including preparation of surfaces	m2	350.00	40.00	14000.00
87	Material and labour for white washing on ceiling with two coats including preparation of old ceiling surfaces.	m2	50.00	38.00	1900.00
88	Material and labour for applying two coat of exterior plastic emulsion on external wall surfaces (two storey building) all complete (50.80+50.80)= 101.60 (MAKE:- ASIAN Paint (ACE), Equivalent in NEROLAC, BERGER (Weather coat)) or suitably equivalent make.	m2	350.00	160.00	56000.00
89	Material and labour for Oil Bound Distemper two coats on walls including preparation of old decorated surfaces.	m2	350.00	70.00	24500.00
90	M & L for precast slabs for drains in cement mortar 1:4 using Type B1 1:2:4 (20mm graded aggregate)	m3	1.00	18039.00	18039.00

Item Code	Item Description	Unit	Quantity	Rate/Unit (Rs.)	Total Cost (Rs.)
91	Supply and fixing of twisted TMT Bars 10mm dia and over, cut to length bent to shape required including cranking, bending, spiraling for hoping for columns, hooking ends and binding with MS Wire not less than 0.9mm dia or securing with clips.	KG	100.00	100.00	10000.00
92	S & F of galvanised mild steel wire cloth, 0.56mm nominal dia of wire and average width of aperture 1.18mm and fixed with tinned tacks, or galvanised wire staples.	m2	90.00	140.00	12600.00
93	Removal of excavated debris/rocks exceeding 250m but not exceeding 500m and depositing where directed.	m3	190.00	500.00	95000.00
94	Supply & fixing of One light point or one fan point wiring controlled by one switch with PVC single core cables 1.5 sq. mm size in PVC conduit.	Per Point	125.00	1300.00	162500.00
95	Supply & fixing of Wiring for circuit / sub main wiring alongwith earth wire 2 X 2.5 Sq.mm PVC insulated copper conductor single core cable surface / recessed as required in PVC conduit along with earth wire size 1 X 2.5 Sq.mm.including PVC conduit & accessories.	m	180.00	160.00	28800.00
96	Supply & fixing of Wiring for circuit / sub main wiring alongwith earth wire 2x4.0 Sq.mm PVC insulated copper conductor single core cable surface / recessed as required in PVC conduit along with earth wire size 1 X 4.0 Sq.mm.including PVC conduit & accessories.	m	40.00	210.00	8400.00
97	Material & labour of PVC rectangular block for mounting, switches, sockets, fan regulator etc. with 3 mm thick plastic laminated sheet cover of size Ditto, but 350 x 300 x 50 mm deep	Each	25.00	284.00	7100.00
98	Supply and fixing of switch socket outlet 2 in 1, 6 amp, flush type.240 volts, AC.	Each	25.00	660.00	16500.00
99	Supply and fixing of Switch socket combination 6A/16A, 5 in 1.	Each	35.00	525.00	18375.00
100	Supply and fixing of switch flush type, 6 amps, single pole, one way. Make: ANCHOR/ HAVELS/ Legrand/ Schneider/ GM or Suitably equivalent make.	Each	120.00	110.00	13200.00
101	Supply and fixing LED luminaire 600 mm x 600 mm, 35/36 watt, 220 V AC recessed type with high efficiency PMMA diffuser soft glare free light complete with driver, holders & LED lamp suitable for roof ceiling including connecting up with driver three core flexible copper conductor cases of suitable size complete. ® Make: Philips/Havells/Osram or Suitably equivalent make.	Each	12.00	5000.00	60000.00
102	Supply and fixing of PVC/ Polycarbonate, isolated ceiling rose Make: ANCHOR/HAVELS/ ZEN/KUNDAN or Suitably equivalent make.	Each	130.00	75.00	9750.00
103	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 exc 20 cm girth Brick wall	m	250.00	125.00	31250.00
104	Supplied & fixed Double pole enclosure with a two pin and earth plug and socket complete with one single pole MCB 240 V 20amp	Each	6.00	1750.00	10500.00

Item Code	Item Description	Unit	Quantity	Rate/Unit (Rs.)	Total Cost (Rs.)
105	Supply & fixing of Four pole Isolater, 415V, 100A	Each	10.00	2500.00	25000.00
106	Supplied & fixed 240V Isolator SP 40A, Make: STANDARD/HAWELS /SIEMENS/ LEGREND or Suitably equivalent make or Suitably equivalent make.	Each	50.00	500.00	25000.00
107	SHEET METAL ENCLOSURES FOR DB'S WHEN MCBs Double Door Supplied & fixed Triple pole & neutral 12 way	Each	2.00	4000.00	8000.00
108	Supply and fixing of 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)	Each	15.00	2800.00	42000.00
109	Supply & fixing of GI Pipes heavy class, 25 mm dia.	m	15.00	500.00	7500.00
110	Supply and fixing of Double door sheet metal encloser for DB's when MCB 's to be used Triple pole and neutral 8 way, 415 volt, AC. Make: STANDARD/ HAVELLS/ SIEMENS/ LEGREND or Suitably equivalent make.	Each	2.00	4000.00	8000.00
111	Supply and fixing of Double door sheet metal encloser for DB's when MCB 's to be used Triple pole and neutral 6 way, 415 volt, AC. Make: STANDARD/ HAVELLS / SIEMENS/ LEGREND or Suitably equivalent make.	Each	2.00	2200.00	4400.00
112	Supply and fixing of Double door sheet metal encloser for DB's when MCB 's to be used Triple pole and neutral 4 way, 415 volt, AC. Make: STANDARD/ HAVELLS / SIEMENS/ LEGREND or Suitably equivalent make.	Each	6.00	1250.00	7500.00
113	Supply and fix exhaust fan, steel body AC single Phase. 230V of size 300mm sweep with, blades, and frame and louvers. Make : USHA/ HAVELLS/ BAJAJ/ CROMPTON or Suitably equivalent make.	Each	25.00	2700.00	67500.00
114	Taking down carefully copper / aluminum point wiring (light, fan, socket or power) complete, (fittings such as switches, ceiling roses, pendants, regulators, sockets etc. to be measured separately), removing materials to store for keeping inside safe custody for re – use at site and making good disturbed surfaces of walls, floors, etc	Per Point	125.00	200.00	25000.00
115	Taking down carefully unscrewing from boards/out-let boxes, fittings and fixtures such as switches sockets, ceiling roses, lamp holders, brackets, ceiling fittings, bulk head fittings, tube light fittings and regulators, etc. for re-use at site or carrying to the store (To be measured only when found service cable in all respects complete for re-use).	Per Point	125.00	200.00	25000.00
116	Supply and fixing of single door sheet metal enclosure for DB's when MCB 's to be used single pole and neutral 2 way without busbar, 230 volt, AC. Make: STANDARD/HAWELS/ SIEMENS/ LEGREND or Suitably equivalent make.	Each	12.00	775.00	9300.00
117	Supply & fixing of isolator single pole with neutral upto 40A 240V A.C. Make: STANDARD/HAWELS/SIEMENS/ LEGREND or Suitably equivalent make.	Each	10.00	650.00	6500.00

Item Code	Item Description	Unit	Quantity	Rate/Unit (Rs.)	Total Cost (Rs.)
118	Supply and fixing LED lights fitting 1x 22W, 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. @PHILLIPS/BAJAJ/HAWELS/ CROMPTON or Suitably equivalent make.	Each	60.00	700.00	42000.00
GROSS TOTAL AMOUNT (Rs.)				1,28,88,500/-	



(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 workspot 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)



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