

ACCEPTANCE LETTER No : MINUTES OF CWC – I HELD ON 26-07-2024

To

INTEX SPACE SOLUTIONS PRIVATE LIMITED
No. 9, FIRST FLOOR, 2ND STREET,
JAI GARDEN, VALSARAVAKKAM,
CHENNAI – 600 087

Dear Sirs,

Type of Work: ITEM RATE

Sub : **SPECIAL REPAIRS / RENOVATION OF GYM ROOM IN OFFICERS MESS BLOCK AT HVF ESTATE.**

Ref: (i) HVF Tender No. HVF/TE/13025/CEO/2024-25/13, Dt. 10-06-2024 with Tender ID: 2024_AVNL_197790_1
(ii) Your Bid No: 713073 in this tender and Price Reductions & Confirmations offered vide your letter Dt. 16-07-2024 received vide e-mail Dt. 17-07-2024 and letter Dt. 24-07-2024 received vide e-mail Dt. 24-07-2024

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. 61,13,465 /- (Rupees Sixty One Lakhs Thirteen Thousand Four Hundred and Sixty 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/12/2024-25/CAP, Dated. 06-08-2024** 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. 1,46,000 /- (Rupees One Lakh and Forty Six Thousand 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. G. Anandakumar, WM / IMS, is nominated as Engineer-in-Charge and Shri. S. Vijaya Kumar, JWM / IMS / CE (Estate) & Shri. S. Anandan, Ch/M-T / IMS/ EE (Estate) are nominated as Site In-charges 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

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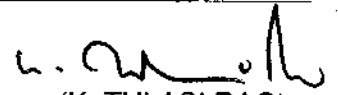
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|--|---|--------------------|
| 1. GM / HR, F&A, IMS, HVF, Avadi, Chennai – 600054 | - | Engineer-in-Charge |
| 2. Shri. G. Ananda Kumar, WM / IMS | - | Site-in-Charge |
| 3. Shri. S. Vijayakumar, JWM / IMS / CE (Estate) | - | Site-in-Charge |
| 4. Shri. S. Anandan, Ch/M-T / IMS / EE (Estate) | - | Site-in-Charge |
| 5. Shri. Prempal Singh, WM / MM (GA) | - | Technical Examiner |

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

Work Order/Deviation Order No	HVF/CE/12/2024-25/CAP., Dated 06-08-2024
Acceptance letter No.	MINUTES OF CWC - I HELD ON 26-07-2024
Contractor's Name	INTEX SPACE SOLUTIONS PRIVATE LIMITED
Name of the work	SPECIAL REPAIRS / RENOVATION OF GYM ROOM IN OFFICERS MESS BLOCK AT HVF ESTATE.
CA amount	Rs. 61,13,465 /=-

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. 713073 in this tender and Price Reductions & Confirmations offered vide your Letter Dt. 16-07-2024 received vide e.mail Dt. 17-07-2024 and letter Dt. 24-07-2024 received vide email Dt. 24-07-2024 in T.E No. HVF/TE/13025/CEO/2024-25/13, Dt. 10-06-2024 with Tender ID: 2024_AVNL_197790_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	12/08/2024
b. Date of commencement of work	12/08/2024
c. Date of Completion as per contract	08/02/2025
d. Date for completion shown in previous Orders	NA
e. Revised date of completion	NA
4. Financial effect (Rs.)	
a. Present order	Rs. 61,13,465 /=-
b. Contract amount as adjusted by previous orders	NA
c. Contract amount adjusted up to including this order	NA
5. Expenditure to be booked under code Head No	920 / 34 (CAPITAL GRANT)
6. Certified that no special rate is involved	
7. Technical Examiner	Shri. Prempal Singh, WM / MM (GA)
8. Approved	Shri. K. Tulasi Rao, Jt.GM / IMS
9. Accepted	INTEX SPACE SOLUTIONS PRIVATE LIMITED


(K. TULASI RAO)

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

Distribution to :-

1. INTEX SPACE SOLUTIONS PRIVATE LIMITED.
2. GM / HR, F&A, IMS, HVF, Avadi, Chennai - 600054
3. Sr. Security Officer
4. Shri. G. Ananda Kumar, WM / IMS - Engineer-in-Charge
5. Shri. S. Vijayakumar, JWM / IMS / CE (Estate) - Site-in-Charge
6. Shri. S. Anandan, Ch/M-T / IMS / EE (Estate) - Site-in-Charge
7. Shri. Prempal Singh, WM / MM(GA) - Technical Examiner.
8. HOS/Safety, 9. HOS/Internal Audit cell, 10. HOS/Test Audit, 11. ALWC, 12. HOS / IMS (Estate)
13. Chief Commissioner of Central Excise, 26/1, Mahatma Gandhi Road, Nungambakkam, Chennai - 600034
14. Dy. Chief Labour Commissioner(c), No: 26, III Block, 5th floor, Shastri Bhavan, Haddows Road, Nungambakkam, Chennai - 600006.

NAME OF THE WORK : SPECIAL REPAIRS / RENOVATION OF GYM ROOM IN OFFICERS MESS BLOCK AT HVF ESTATE.

CONTRACT AGREEMENT No : HVF/CE/12/2024-25/CAP, Dated 06-08-2024

SCHEDULE – "A"

Item Code	Item Description	Unit	Quantity	Rate/Unit (Rs.)	Total Cost (Rs.)
01	Taking down Chowkhats or frames exc 1.5 sq. m but n exc 4 sq. m each with shutters and handing over to CE(E) stores	Each	10.00	2500.00	25000.00
02	Dismantling structural steel work including doors, gates, windows but excluding framed truss etc.	Quintal	2.00	2500.00	5000.00
03	Taking down cement plastering on brick or stone walls, etc. including raking out joints, hacking for key, scrubbing down with water, etc.	SQM	120.00	200.00	24000.00
04	M & L for Brick work built in CM.1:6 using Sub-Class "B" Bricks.	CUM	10.00	11500.00	115000.00
05	Demolition of Brick work built in Cement Mortar of any description	CUM	5.00	2500.00	12500.00
06	Demolition of Reinforced Cement Concrete structure of any description	CUM	2.00	2500.00	5000.00
07	M & L for plastering in CM 1:4, 15mm thick on fair faces of brick work, concrete surfaces and Door & Window Jamb plastering.	SQM	175.00	480.00	84000.00
08	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.	SQM	20.00	900.00	18000.00
09	M & L for Dubbing in CM 1:6, 10mm thick in brick work, concrete surfaces	SQM	120.00	400.00	48000.00
10	Material and Labour for P.C.C 1:2:4, B1 type using 20mm graded aggregated in foundation and flooring	CUM	28.00	8000.00	224000.00

Item Code	Item Description	Unit	Quantity	Rate/Unit (Rs.)	Total Cost (Rs.)
11	Providing and fixing factory made UPVC white color sliding window three track made of extruded profiles with wall thickness of 2.3 mm (+/- 0.2mm) window profile with hollow section with multi chamber frames (88mmx52mm) sliding sash(42mmx57mm Sliding Interlock(one vertical length in each shutter) 45.5mmx28mm) Glazing bead (24.5mmx16mm) will be mitred cut and fusion welded at all corners including railing of holes for fixing hardware and drainage for water etc., making arrangement for fixing hardware EPDM gasket , 1.20 +/- 0.20mm thick galvanized steel frame(30mmx18mm(2 nos sliding sash (30mmx18mm) Sliding mesh sash(26mmx10mm) profile to be inserted in required profile frame will be fixed to the wall with 8mmx100mm 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 1.40mm 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.	SQM	12.00	11000.00	132000.00
12	Supply and Fixing of sheet Glass 5.50mm quality and glazing with oil putty in square exc 0.5Sqm in each pane ground or obscured or tinted on one side and as approved and as directed by EIC.	SQM	9.00	2000.00	18000.00
13	Providing and fixing 75mm high Aluminium skirting of 1.5mm thick 75mm high extruded anodized aluminium skirting as per manufacture spec. as per Architects approval.	RM	75.00	250.00	18750.00
14	Providing and fixing Commercial ply paneling, of 12mm thick. ply finished with 4mm thick. approved Veneer shade with matching grains and finishing with malemine polish (Basic price of veneer is Rs 1200/sqm). (Make: Euro / Greenlam / Century) or suitably equivalent make.	SQM	110.00	5500.00	605000.00
15	Providing and fixing Commercial ply paneling, of 12mm thk. ply paneling finished in 6mm thick. of approved shade Lacquered Glass/Mirror . (Make: Saintgobain /Asahi) or suitably equivalent make .	SQM	30.00	3500.00	105000.00
16	Providing & Fixing the suspended Ply ceiling finished with approved 1 mm laminate (Basic rate laminate - Rs.400/ sqm. (Make- Euro/ Greenlam/ Century) or suitably equivalent make.	SQM	15.00	3000.00	45000.00

Item Code	Item Description	Unit	Quantity	Rate/Unit (Rs.)	Total Cost (Rs.)
17	Providing and fixing doors with wooden door frames in natural anodized finished with 35mm thick Veneer door with vision panels/12mm toughened glass edges panel. Single leaf door frames shall be with door frames up to required height (H) with 4 door hinges. Door shall be fitted with H handle in natural satin finish with door closer, lock and stopper, with 6mm thick vision panel as above (size of the door 1.00 x 2.10).	Each	3.00	27000.00	81000.00
18	Supply and Fixing of Disply unit made of 18mm thk ply finished in 1mm thk laminate , adjustable glass shelves 4 Nos , Concealed handle, Lock, Hinges etc., height 2.1-2.7 meter height.	SQM	5.00	12500.00	62500.00
19	S & F of II class hard wood door frame, wrought framed rebated on the solid rounded or chamfered put together with glue pined at joints.	CUM	0.10	140000.00	14000.00
20	M & L for Cutting chases, pinning in. making good to Brick work / concrete 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	RM	75.00	250.00	18750.00
21	EXTERIOR EMULSION: M&L for painting two coats of exterior emulsion (MAKE:- ASIAN paint (Apex Ultima) / NEROLAC (Excel Total) / BERGER (Weather Coat Long Life seven) / NIPPON (Weather Bond Advanced) or Suitably Equivalent., including one coat of priming paint applies after preparation of the old existing treatment	SQM	200.00	140.00	28000.00
22	PLASTIC EMULSION: M&L for painting two coats of interior emulsion {Make: Asian(apcolite advanced)/Berger(Easy clean)/Nerolac (Impressions 24 carat)/ Nippon (satin Glo plus)} or Suitably Equivalent make, including one coat of priming paint applies after preparation of the old existing treatment	SQM	150.00	140.00	21000.00
23	WALL PUTTY: Material and labour for applying one coat of primer and two coat of white cement based wall care putty in walls / ceiling including removal of loose/peeloff existing treatment if any and as specified in SSR 2020 part-I specification clause 15.19.1 to 15.19.6.4(Make shall be of JK white putty or Birla white wall care putty) or suitably equivalent make	SQM	350.00	110.00	38500.00

Item Code	Item Description	Unit	Quantity	Rate/Unit (Rs.)	Total Cost (Rs.)
24	Supply, erection, testing and commissioning of 3.0TR inverter type Cassette Air conditioner unit with refrigerant gas, incoming power cables 3xx2.5sq.mm with 4 polw 32 amps weather proof MCB breaker, copper pipes and communication cables with insulation, condensing unit stand PVC drain pipes and all bye works complete as directed. (MAKE : BLUE STAR/LG/HITACHI/MITSUBISHI/VOLTAS) or Suitably Equivalent Make, including necessary tools kit .	Each	4.00	140000.00	560000.00
25	M & L for 10mm thick Toughened Glass in fixed position with necessary hardwares in the openings in the wall all complete as directed by EIC.	SQM	30.00	4000.00	120000.00
26	Supply and Fixing of Granite 20mm thick machine cut, bedded and jointed with grey cement slurry and pointed with white cement with admixture of pigment to match the shade of granite stone including grinding and polishing complete. to floors / vertical walls of concrete or brick work surfaces using T03 stone tile adhesive. including fixing of stainless steel stone cladding clamps if required for holding of granite slab, the clamp shall be fixed to the floor / concrete wall/brick work complete as direction by EIC. The shade of Granite will be selected by EIC	SQM	10.00	5500.00	55000.00
27	Material and labour for making nosing /Rounding to edges of Granite stone slabs one edge, such as in steps, platform, skirts, and othersimilar situations complete as direction by EIC	RM	20.00	850.00	17000.00
28	Material and labour for Treatment of soil under existing floors using emulsion @ one litre per hole,300mm apart including drilling and plugging 12mm dia holes with cement mortar 1:2 (1 cement: 2 coarse sand) to match the existing and Anti-termite treatment by appointing a specialised agency as per the specifications mentioned by the Bureau of Indian Standards and Agencies specifications	SQM	130.00	500.00	65000.00
29	Material and labour for Anti-termite treatment Along the external wall below concrete or masonry apron using chemical emulsion @ 2.25 litres per linear metre including drilling and plugging holes etc. in apron.	RM	75.00	450.00	33750.00

Item Code	Item Description	Unit	Quantity	Rate/Unit (Rs.)	Total Cost (Rs.)
30	Supply and fixing of GI frame (Including Gypsum board False Ceiling) 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 centre/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 0.55 mm thickness having kurld web of 50 mm and flange of 26 mm each with lips of 10.5 mm fixed to the intermediate channel with connecting clips across the intermediate channel at 457 mm centre to centre. including 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 including 10mm thick plaster of paris ceiling (Gypsum anhydrous) to flat surface over G.I. or metal frame work including any sunk or raised moulding and any cutting /opening for provision of any lighting fixtures etc. (working at height 4.5 -6 meter). complete all as specified. as approved and as directed	SQM	130.00	1180.00	153400.00
31	Material and labour for applying mellamine finish glossy/matt in wall/wood etc., wherever required and as directed.	SQM	15.00	2500.00	37500.00
32	S & F of Framed work such as grills, gates, etc.. with ends of bars shouldered and/or riveted, or forged into spikes; framed guard bars; and hung gates including pintle hinges stops hand made sliding bolts etc ornamental and intricate design .	KG	500.00	200.00	100000.00
33	Supply and laying of white pebbles of sizes 30 to 80 mm as selected/approved and directed by EIC.	KG	15.00	2500.00	37500.00
34	Supply of artificial plants of several varities in the Plantation box as directed selected/approved and directed by EIC.	WJ	1.00	60000.00	60000.00
35	S & F of steel work in tubular trusses including special shaped washer etc., complete drilled for fixing of steel sheeting or other covering and hanging using ERW or induction butt welded tubes confirming to IS-1161 1979 grade St-240 complete as directed by EIC.	KG	3550.00	140.00	497000.00

Item Code	Item Description	Unit	Quantity	Rate/Unit (Rs.)	Total Cost (Rs.)
36	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.	SQM	120.00	180.00	21600.00
37	Supply and Fixing of fibre glass Reinforced translucent 2mm thick corrugated sheeting with two corrugations side lap fixed with coach screw and washer in roof, wall etc., complete all as directed by EIC.	SQM	75.00	900.00	67500.00
38	Supply and Fixing of 5mm thick rubber matt flooring	SQM	150.00	1200.00	180000.00
39	Supply and fixing of ACP Panels Wooden Finish/Dark Colour with Necessary Aluminium Frame work. and as approved and as directed by EIC .	SQM	80.00	5000.00	400000.00
40	M & L for Providing 10 mm Toughened glass canopy with necessary powder coated MS section/Stainless Steel section and Hanging Ropes	SQM	30.00	7000.00	210000.00
41	M & L for providing Natural stone/Brick Linig to wall cladding Finished with Laquer Finish. and as approved and as directed by EIC	SQM	75.00	4000.00	300000.00
42	Preparation of layout drawing, 2D drawing and 3D presentation as per requirement and as directed by EIC through professional Architect.	LS	1.00	10000.00	10000.00
43	Supply and Laying of Buffalo grass including watering etc, complete all as directed.	SQM	186.00	550.00	102300.00
44	Excavation of moorum/red bajiri of Hard/dense soil from borrow pits for floors or pavings, Removal of excavated soils lead exceeding exc. 1.50 km but n exc. 5 km and depositing where directed. and refilling of soil / loose including spreading, laid in layers n exc. 25 cm thick leveling, watering and well ramming in layers where directed.	CUM	40.00	900.00	36000.00
45	Supply and Spreading of cow dung manure for the plantations in the proposed site in various stages etc complete all as directed by EIC	CUM	12.00	3000.00	36000.00

Item Code	Item Description	Unit	Quantity	Rate/Unit (Rs.)	Total Cost (Rs.)
46	Supply and Laying of Hedge plants including watering etc complete all directed.	RM	140.00	185.00	25900.00
47	S & F of PVC (SWR) 110mm dia Pipes single socketed, in any length with rubber ring joints laid in trenches or in floors.	RM	38.00	900.00	34200.00
48	S & F of PVC (SWR) Bend 110mm dia any radius.	Each	5.00	50.00	250.00
49	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 bare copper earth continuity wire.(Make: Finolux/Havells/Polycab/ Kundan) (or) Suitably equivalent make. a)one light point controlled by one switch light/fan with cables 1.5 sq.mm size.	Point	65.00	750.00	48750.00
50	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 bare copper earth continuity wire.(Make: Finolux/Havells/Polycab/ Kundan) (or) Suitably equivalent make. b)One 3 pin plug socket with switches flush type 5A on same board with 2.5sqmm cable	Point	10.00	900.00	9000.00

Item Code	Item Description	Unit	Quantity	Rate/Unit (Rs.)	Total Cost (Rs.)
51	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 bare copper earth continuity wire.(Make: Finolux/Havells/ Polycab/ Kundan) (or) Suitably equivalent make. c)One 3 pin plug socket with switches flush type 5A on Independent board with 2.5sqmm cable	Point	10.00	950.00	9500.00
52	Supply fixing and connecting to the system modular type switches 6A single pole one way (Make:,LEGRAND MYRIUS equivalent of Litaski/ Crabtree) or Suitably equivalent make	Each	85.00	100.00	8500.00
53	Supply, fixing and connecting to the system of socket, 6A-2/3 pin combined modular type 2 module (Make:,LEGRAND MYRIUS equivalent of Litaski/ Crabtree) or Suitably equivalent make	Each	20.00	300.00	6000.00
54	Supply, fixing and connecting to the system modular type switch one way 16A, 1 module (Make:,LEGRAND MYRIUS equivalent of Litaski/ Crabtree) or Suitably equivalent make	Each	10.00	300.00	3000.00
55	Supply, fixing and connecting to the system of socket, 6/16A-2/3 pin combined modular type 2 module (Make:,LEGRAND MYRIUS equivalent of Litaski/ Crabtree) or Suitably equivalent make	Each	10.00	450.00	4500.00
56	Material & Labour for ceiling rose, 3 Phase/PVC/polycarbonate, isolated body (ANCHOR / LEGRAND/ HAVELLS) or Suitably equivalent make	Each	15.00	65.00	975.00
57	Supply & fixing of lamp holders PVC/polycarbonate type with cord grid cap suitable for pendant/straight / slanding fittings.	Each	6.00	150.00	900.00

Item Code	Item Description	Unit	Quantity	Rate/Unit (Rs.)	Total Cost (Rs.)
58	Supply & fixing of modular white cover plate with frame 2 module	Each	4.00	200.00	800.00
59	Supply & fixing metal flush box for 2 module plate	Each	4.00	305.00	1220.00
60	Supply & fixing of 4 module modular white cover plate with frame	Each	10.00	420.00	4200.00
61	Supply & fixing of metal flush box for 4 module plate	Each	10.00	150.00	1500.00
62	Supply & fixing of 6 module modular white cover plate with frame	Each	5.00	220.00	1100.00
63	Supply & fixing of metal flush box for 6 module plate	Each	5.00	300.00	1500.00
64	Supply & fixing of 8 module plate with frame	Each	10.00	600.00	6000.00
65	Supply and fixing 240V, 10 KA 'B' curve miniature circuit breaker (MCB) of single poles and current carrying capacity 6 to 32 AMP, in the MCB DB Complete with connection testing and commissioning. (Make: LEGRAND / HAVELLS / HEGAR) or Suitably equivalent make.	Each	30.00	250.00	7500.00
66	Supply and fixing 415V 10KA 'B' curve miniature circuit breaker (MCB) of following poles and current carrying capacity in the DB complete with connection testing and commissioning. TP 25 To 63 AMP (Make: Legrand / Havells /ABB) or Suitably equivalent make	Each	3.00	9000.00	27000.00
67	Supply & fixing of MCCB 3 pole 415 Volt, fixed type 125 Amps, with breaking capacity 16KA. (Make:Legrand/ Havells/ ABB) or Suitably equivalent make	Each	1.00	9000.00	9000.00
68	Brick work with subclass 'B' bricks straight/curved on plan exc 6m mean radius built in (Cement mortar 1:4)	CUM	0.30	9100.00	2730.00
69	Rendering 10mm thickness on fair faces of brick work surfaces. (cement plaster 1:4)	SQM	3.00	350.00	1050.00

Item Code	Item Description	Unit	Quantity	Rate/Unit (Rs.)	Total Cost (Rs.)
70	Material & Labour for wiring with two/four 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/two run of copper cable as earth wire. (Make: Finolux/Havells/Polycab/ Kundan) or Suitably equivalent make a) 2x2.5 sq.mm+1x2.5 sq.mm earth wire	RM	100.00	200.00	20000.00
71	Material & Labour for wiring with two/four 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/two run of copper cable as earth wire. (Make: Finolux/Havells/Polycab/ Kundan) or Suitably equivalent make b) 2x4.0 sq.mm+1x4.0 sq.mm earth wire	RM	120.00	400.00	48000.00
72	Material & Labour for wiring with two/four 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/two run of copper cable as earth wire. (Make: Finolux/Havells/Polycab/ Kundan) or Suitably equivalent make. c) 2x6.0 sq.mm+1x6.0 sq.mm earth wire	RM	90.00	550.00	49500.00
73	Material & Labour for wiring with two/four 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/two run of copper cable as earth wire. (Make: Finolux/Havells/Polycab/ Kundan) or Suitably equivalent make d) 4x10.0 sq.mm + 1x10.0 sq.mm earth wire	RM	60.00	750.00	45000.00
74	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 grith.	RM	450.00	250.00	112500.00

Item Code	Item Description	Unit	Quantity	Rate/Unit (Rs.)	Total Cost (Rs.)
75	Demolition of cement concrete of any description and in any position	CUM	2.00	2500.00	5000.00
76	Material and labour for cement concrete 1:2:4 Type B1 using 20mm graded aggregate in foundations, filling and mass concrete.	CUM	2.50	8000.00	20000.00
77	Excavating in trenches hard dense soil not exceeding 1.5 m wide and not exceeding 1.5 m in depth for laying cable.	CUM	40.00	700.00	28000.00
78	Material & labour for sand filling for cushioning on U.G cable	CUM	6.00	12000.00	72000.00
79	Material & labour for Bricks; common burnt clay building bricks sub class B designation 75, Old size bricks for protection to U.G cable	Nos in 1000	0.90	15000.00	13500.00
80	Returning, refilling of hard dense soil in the excavated trench after laying of power cable including spreading levelling, watering and well ramming in layers not exc 25 cm.	CUM	40.00	1800.00	72000.00
81	Supply, laying or fixing with suitable clamps or passing through pipe, PVC insulated, armoured, heavy duty electric cable with aluminium conductor, 1100 volts grade, cross sectional area 35 sqmm, 4 core.(Make: Finolux/Havells /Polycab /orbit / Gloster) or Suitably equivalent make.	RM	90.00	1500.00	135000.00
82	Supply, laying or fixing with suitable clamps or passing through pipe, PVC insulated, armoured, heavy duty electric cable with aluminium conductor, 1100 volts grade, cross sectional area 70 sqmm, 3.5 core.(Make: Finolux/Havells/ Polycab / Gloster) or Suitably equivalent make.	RM	55.00	500.00	27500.00
83	Supply & fixing of galvanised steel tubes, medium grade 32 mm dia	RM	24.00	650.00	15600.00
84	Supply & fixing of galvanised steel tubes, medium grade 80 mm dia	RM	24.00	1500.00	36000.00

Item Code	Item Description	Unit	Quantity	Rate/Unit (Rs.)	Total Cost (Rs.)
85	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.	Each	30.00	1500.00	45000.00
86	Supply, fixing & connecting to the system of Sheet metal enclosures with double door DB's when MCB'S to be used single pole & neutral 8 way with 200 Amps rated busbar,240V (Make:Legrand/ ABB / Schneider) or Suitably equivalent make	Each	2.00	12500.00	25000.00
87	Supply, fixing & connecting to the system of Sheet metal enclosures with double door DB's when MCB'S to be used Triple pole & neutral 4 way with 200 Amps rated busbar, 415V (Make:Legrand/ ABB / Schneider) or Suitably equivalent make	Each	1.00	13500.00	13500.00
88	Supply, Installation and testing of LED strip light with adaptor, End holder and all accessories complete as required as per site conditions.	RM	250	180.00	45000.00
89	Supply & fixing of MCBDB 4 way(DPX160+12) (legrand make as per legrand 2010 catalogue No.607790 or Equivalent model of ABB/Schneider) or Suitably equivalent make	Each	1.00	12000.00	12000.00
90	Supply of Recessed Mounted circle type Luminarie, 15 Watts with suitable LED lamp and accessories, minimum system output: 1000 lumens. (Make: PHILIPS or equivalent of Bajaj/CG/Havells/Wipro) or Suitably equivalent make	Each	48.00	1800.00	86400.00
91	Supply, fixing and connecting to the system modular type switch one way 20A, Single pole 2 module. ((Make:LEGRAND MYRIUS or equivalent of LITASKI / CRABTREE) or Suitably equivalent make	Each	2.00	250.00	500.00
92	Supply & fixing metal flush box for 8 module plate	Each	10.00	550.00	5500.00
93	Supply & fixing of 12 module plate with frame and metal flush box	Each	4.00	650.00	2600.00

Item Code	Item Description	Unit	Quantity	Rate/Unit (Rs.)	Total Cost (Rs.)
94	Supply & fixing of 16 module plate with frame and metal flush box	Each	4.00	745.00	2980.00
95	Supply & fixing of modular type Dummy plate	Nos	30.00	29.00	870.00
96	Supply & fixing of LED, street light fitting with pipe and clamps complete, minimum 7000 Lumens, power consumption 72 watts(maximum). Make: PHILIPS /GE/ WIPRO /CG/OSRAM /BAJAJ/ HAVELLS/ SYSKA) or Suitably equivalent make	Each	4.00	8500.00	34000.00
97	Supply, laying or fixing with suitable clamps or passing through pipe, PVC insulated, armoured, heavy duty electric UG cable with copper conductor, 1100 volts grade, cross sectional area 2.5 sqmm, 4 core. (Make: Havells / Gloster / Polycab) or Suitably equivalent make	RM	125.00	160.00	20000.00
98	Supply, erection & connecting of OUT DOOR FPB consisting of 200A MCCB-1 No for incoming, outgoing feeders are 63A MCCB-6 Nos. Specification sheet enclosed as annexure -1(1.0.1 to 1.0.9.5).	SET	1.00	18500.00	18500.00
99	Supply, fixing & connecting of the system cable end termination of size 120 sqmm 3.5 core including with double compression suitable cable gland & lugs.	SET	2.00	400.00	800.00
100	Supply, fixing & connecting of the system cable end termination of size 50 sqmm 3.5 core including with suitable cable gland & lugs.	SET	3.00	350.00	1050.00
101	Supply, fixing & connecting of the system cable end termination of size 35 sqmm 3.5 core including with suitable cable gland & lugs.	SET	3.00	350.00	1050.00
102	Supply, fixing & connecting of the system cable end termination of size 25 sqmm 4 core including with suitable cable gland & lugs.	Each	10.00	200.00	2000.00
103	Supply, fixing & connecting of the system cable end termination of size 16 sqmm 4 core including with suitable cable gland & lugs.	Each	10.00	149.00	1490.00

Item Code	Item Description	Unit	Quantity	Rate/Unit (Rs.)	Total Cost (Rs.)
104	Material & Labour for straight through heat shrink type cable joint, complete with jointing material and accessories suitable for PVC armoured under ground cable of size 120 sqmm 3.5/4 core (Make: Raychem) or suitably equivalent make approved by EIC	Each	1.00	3000.00	3000.00
105	Material & Labour for straight through heat shrink type cable joint, complete with jointing material and accessories suitable for PVC armoured under ground cable of size 50 sqmm 3.5/4 core (Make: Raychem) or suitably equivalent make approved by EIC	Each	2.00	2500.00	5000.00
106	Material & Labour for straight through heat shrink type cable joint, complete with jointing material and accessories suitable for PVC armoured under ground cable of size 35 sqmm 3.5/4 core (Make: Raychem) or suitably equivalent make approved by EIC	Each	2.00	2500.00	5000.00
107	Material & Labour for straight through heat shrink type cable joint, complete with jointing material and accessories suitable for PVC armoured under ground cable of size 25 sqmm 3.5/4 core (Make: Raychem) or suitably equivalent make approved by EIC	Each	2.00	2000.00	4000.00
108	Material & Labour for straight through heat shrink type cable joint, complete with jointing material and accessories suitable for PVC armoured under ground cable of size 16 sqmm 3.5/4 core (Make: Raychem) or suitably equivalent make approved by EIC	Each	3.00	2000.00	6000.00
109	Removal of old panel board and cables , termination and glands etc. and handover to stores safely	Each	2.00	5000.00	10000.00
Gross Total of Items (Rs.)		61,13,465 /-			


(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)



(K. TULASI RAO)

JT. GENERAL MANAGER / IMS

For CHIEF GENERAL MANAGER / HVF

For And On Behalf Of THE PRESIDENT OF INDIA