# AL SHAB TOWER

**AT**
**Al-Shab Area**
**Plot No. (588) Block No. (11)**

# BILL OF QUANTITY

**(ELECTRICAL WORKS)**

***Nov 2026***

-

| ITEM code | DESCRIPTION | UNIT | QTY | UNIT RATE KD | AMOUNT KD |
|---|---|---|---|---|---|
| | **SECTION - 26 00 00 GENERAL PROVISION FOR ELECTRICAL INSTALLATION**<br>**SECTION - 26 00 50 BASIC PROVISION FOR ELECTRICAL INSTALLATION**<br>**GENERAL**<br>The following Bill Of Quantity(BoQ) serves as a guideline. The Contractor shall provide a lum sum price for all electrical systems,including site surveys,preparation of drawings,obtaining necessary approvals,calculations and coordination with the client/client's representative and all relavant authorities as applicable<br>The scope includes the supply,installation ,testing and commissioing of all services,equipment and components requied for the complete and proper functioning of the electrical system,as specified and shown on the drawings and in compliance with MEW regulations and standards | | | | |
| 26 00 00.01 | Provide power connection and means of isolation to all equipment including all HVAC, BMS,plumbing, elevators etc. whether indicated on drawings or otherwise. | Item | LS | | |
| 26 00 00.02 | Builder's work related to all electrical works under division - 26 | Item | LS | | |
| | **CABLE TRAYS AND CABLE LADDERS** | | | | |
| | Supply and install with supports and all fittings, appurtenances and accessories | | | | |
| 26 00 00.03 | 100 ,200,300,600mm cable tray | Item | LS | | |
| 26 00 00.04 | 600 mm cable ladder | Item | LS | | |
| | **UNDERGROUND DUCTS AND MANHOLES** | | | | |
| | Supply and install in compliance with regulations | | | | |
| 26 00 00.05 | 150mm diameter UPVC Duct | Item | LS | | |
| 26 00 00.06 | 100mm diameter UPVC Duct | Item | LS | | |
| | **SECTION - 26 05 53 IDENTIFICATION OF ELECTRICAL SYSTEM** | | | | |
| 26 05 53.01 | Identification of Complete electrical system as per specifications,fully coordinated and complete in all respects | Item | LS | | |
| | **TOTAL CARRIED TO COLLECTION** | | | | 0.0 |

| ITEM code | DESCRIPTION | UNIT | QTY | UNIT RATE KD | AMOUNT KD |
|---|---|---|---|---|---|
| | **SECTION - 26 05 26 EARTHING SYSTEM** | | | | |
| 26 05 26.01 | Supply, installation, testing and commissioning of the complete earthing system as per MEW and I.E.E. regulation and as indicated on the drawings. Works include earthing with H/H and ring earth 3x25mm² copper tape, including interconnection between A/C equipments, M/C, S/Fs,and other relevant equipment.<br>Whereever possible,all earthing H/H shall be located outside the room/building or as instructed by the Engineer on site. Earth electrodes installed in ground shall be covered with marconite conductive aggregate. Copper tape or wire installed in the ground shall be PVC sheathed. All connections and bare copper exposed to the atmosphere shall be tinned to prevent oxidation | item | L.S | | |
| 26 05 26.02 | All electrical works for MEW intake, in coordination with and as approved by MEW, including but not limited to manholes, cabling, ducting, cable trays/ladders, earthing works, and all associated civil works. Complete in all respects as required by MEW. | item | L.S | | |
| | **SECTION - 26 23 00 SWITCH BOARDS (MSB / EMSB's)** | | | | |
| | Supply, install, connect and test the following MSB's, SMSB's, MCC's EMSB's, ESMSB's and EMCC's etc suitable for 415 Volts, 50 Hz, 3 phase, 4 wires system. with main feeder cable The switchboards shall be totally enclosed and complete with all accessories as specified or shown on the drawings.Work shall include , digital meters, indoor/outdoor including mounting arrangements,frames,weather and complete earthing provisions.<br>For Outdoor installations,all floor -mounted MSBs,MCCs and SMSBs shall be installed with proper weather proofing as approved by Engineer<br>All cabling in cable trays shall enter from the top unless otherwise specified<br>All works shall be carried out in full compliance with the drawings,specification and insructions of the Engineer<br>The contractor shall verify all quantities from the drawings and BOQ as part of the contract | | | | |
| 26 23 00 01 | MLTP-1 | No | 1 | | |
| 26 23 00 02 | MSB-S | No | 1 | | |
| 26 23 00 03 | Automatic Transfer Switch 4P, 1000A | No | 1 | | |
| 26 23 00 04 | SMSB-24A | No | 1 | | |
| 26 23 00 05 | MSB-26B | No | 1 | | |
| 26 23 00 06 | MSB-SHOP | No | 1 | | |
| 26 23 00 07 | EMSB-GN | No | 1 | | |
| 26 23 00 08 | SMSB-POOL | No | 1 | | |
| 26 23 00 09 | MSB-4TH | No | 1 | | |
| 26 23 00 10 | SMSB-R | No | 1 | | |
| 26 23 00 11 | ESMSB-R | No | 1 | | |
| 26 23 00 12 | ESMSB-4TH | No | 1 | | |
| | **TOTAL CARRIED TO COLLECTION** | | | | 0.0 |

| ITEM code | DESCRIPTION | UNIT | QTY | UNIT RATE KD | AMOUNT KD |
|---|---|---|---|---|---|
| | **SECTION - 26 23 00 DISTRIBUTION BOARDS**<br>Supply, install, test, and commission complete **Distribution Boards (D.Bs)** in accordance with the approved drawings and project specifications. Works include recessed installation (unless noted otherwise), provision of all internal components, busbars, neutral/earth bars, cable terminations, trunking/conduit connections, and required accessories.<br><br>Distribution Board (DB) complete with main isolater (BS 5420 standards),4-pole Residual Current Circuit Breaker(RCCB) and associated with double pole miniature breaker(MCB) shown as per schedule of points and drawings. Ensure proper earthing, labeling, arrangement of circuits, and preparation of circuit schedules.<br>Contractor shall verify all quantities and coordination points from the drawings, which form part of the Contract along with this BOQ.<br><br>DB schedule to be properly mounted inside the distribution board after the works are fully completed and commissioned | | | | |
| 26 23 00.01 | DB-S/S | No | 1 | | |
| 26 23 00.02 | EDB-md | No | 1 | | |
| 26 23 00.03 | DB-BL | No | 1 | | |
| 26 23 00.04 | DB-BP | No | 1 | | |
| 26 23 00.05 | DB-GL | No | 1 | | |
| 26 23 00.06 | DB-GP | No | 1 | | |
| 26 23 00.07 | DB-F | No | 1 | | |
| 26 23 00.08 | DB-2nd | No | 1 | | |
| 26 23 00.09 | DB-T | No | 1 | | |
| 26 23 00.10 | DB-4L | No | 1 | | |
| 26 23 00.11 | DB-4P | No | 1 | | |
| 26 23 00.12 | DB-S5 | No | 1 | | |
| 26 23 00.13 | DB-S15 | No | 1 | | |
| 26 23 00.14 | DB-S20 | No | 1 | | |
| 26 23 00.15 | DB-R | No | 1 | | |
| 26 23 00.16 | DB-5A | No | 19 | | |
| 26 23 00.17 | DB-5B | No | 19 | | |
| 26 23 00.18 | DB-24B | No | 1 | | |
| 26 23 00.19 | DB-24AL | No | 1 | | |
| 26 23 00.20 | DB-24AP | No | 1 | | |
| 26 23 00.21 | DB-25B | No | 1 | | |
| 26 23 00.22 | DB-26BL | No | 1 | | |
| 26 23 00.23 | DB-26BP | No | 1 | | |
| 26 23 00.24 | DB-SHOP (8WAY DOUBLE BY BUSBAR) | No | 1 | | |
| | **TOTAL CARRIED TO COLLECTION** | | | | 0.0 |

| ITEM code | DESCRIPTION | UNIT | QTY | UNIT RATE KD | AMOUNT KD |
|---|---|---|---|---|---|
| | **SECTION - 26 25 00 BUS DUCT SYSTEM** | | | | |
| | Supply, install, test, and commission a complete **Bus Duct System**, including end caps, feed-in units, tap-off units, associated cabling, earthing, supports, and all necessary accessories as indicated on the approved drawings and in accordance with the project specifications. | | | | |
| | Bus duct sections routed through ground trenches shall be provided with suitable waterproof and weatherproof protection to ensure compliance with site conditions. The contractor shall verify the **quantities, routing, and installation conditions** from the drawings and by physical site inspection. | | | | |
| 26 25 00.01 | Bus Duct-1 2000A TPN +E with following Tap - offs. | m | 145 | | |
| 26 25 00.02 | Tap-off 100A TPN | No | 42 | | |
| 26 25 00.03 | Tap-off 200A TPN | No | 3 | | |
| | **SECTION - 26 27 26 WIRING DEVICES** | | | | |
| | Supply, installation, connection, testing, and commissioning of wiring devices including 13A/15A/16A switched socket outlets (3-pin, 240V, single phase) and junction boxes, complete with back box, faceplate, mounting accessories, wiring, conduiting/trunking, and all associated materials as shown on drawings and schedule of points. Works include pulling, dressing, termination, labeling and testing of circuits. | | | | |
| | Supply of Wiring Devices and light fitting by the Owner. | | | | |
| 26 27 26.01 | 13A Single Switched Socket Outlet for bed | No | 296 | | |
| 26 27 26.02 | 13A Single Switched Socket Outlet | No | 551 | | |
| 27 27 26.03 | 13A single switch socket outlet for shaving | No | 212 | | |
| 26 27 26.04 | 13A Single Switched Socket Outlet (W/P) | No | 271 | | |
| 26 27 26.05 | 13A Twin Switched Socket Outlet (W/P) high level | No | 10 | | |
| 26 27 26.06 | 13A Twin Switched Socket Outlet | No | 451 | | |
| 28 27 26.07 | JB for fire alarm pannel | No | 1 | | |
| 30 27 26.08 | JB and DPSW | No | 235 | | |
| | **TOTAL CARRIED TO COLLECTION** | | | | 0.0 |

| ITEM code | DESCRIPTION | UNIT | QTY | UNIT RATE KD | AMOUNT KD |
|---|---|---|---|---|---|
| | **SECTION - 26 27 16 SWITCHES, DISCONNECTORS AND FUSE CONNECTION UNITS**<br>Supply, installation, testing, connection, and commissioning of isolators complete with MCCBs, including all feeders from the designated supply points. The scope includes all associated works such as cabling, cable trays, conduits, supports, terminations, earthing, weatherproof enclosures, labels, and all required accessories as indicated on the drawings and specifications. All materials shall be of approved, high-quality make, and samples shall be submitted for client/consultant approval prior to installation. Contractor shall verify and confirm all quantities from the drawings and BOQ, ensuring compliance with MEW regulations, recognized engineering standards, and professional workmanship practices. The installation shall be delivered fully functional, tested, and complete in all respects. | | | | |
| 26 28 00.03 | Isolator 150A TPN L PUMP | No | 1 | | |
| 26 28 00.04 | Isolator 125A TPN LIFT | No | 3 | | |
| 26 28 00.05 | Isolator 100A TPN | No | 3 | | |
| 26 28 00.06 | Isolator 63A TPN | No | 2 | | |
| 26 28 00.07 | Isolator 50A TPN | No | 2 | | |
| 26 28 00.09 | Isolator 32A TPN | No | 122 | | |
| 26 28 00.10 | Isolator 20A TPN | No | 10 | | |
| 26 28 00.12 | MCCB 500A TPN with ELR 300mA | No | 2 | | |
| | **TOTAL CARRIED TO COLLECTION** | | | | 0.0 |

| ITEM code | DESCRIPTION | UNIT | QTY | UNIT RATE KD | AMOUNT KD |
|---|---|---|---|---|---|
| 26 32 13 | **SECTION - 26 32 13 DIESEL GENERATOR**<br><br>Supply, installation, connection, testing, and commissioning of **containerized, prime-rated diesel generators** complete with:<br><br>Prime-rated diesel engine suitable for continuous operation.Containerized type with built-in radiator and daily fuel tank.Designed for Kuwait climatic conditions: ambient temperature up to 50°C, altitude 500 ft. above sea level, relative humidity up to 100%.Air and fuel filters, lubricating oil system, and cooling system as per manufacturer standards.Sound attenuated canopy as per project requirement.<br><br>Electric starting system as specified.Battery, battery charger, and associated wiring and mounting.Fuel piping, hoses, and fittings for generator operation.Generator earthing as per drawings and standards.Mounting, load testing, commissioning, and handover with manuals and warrantyAll work shall be complete in all respects as per drawings and specifications. | | | | |
| 26 32 13.01 | 600kVA Prime Rated container type Diesel Generator | No | 1 | | |
| 26 32 13.02 | 24V DC battery and charger for generator starting/control, **including installation, wiring, and commissioning**. | No | 1 | | |
| 26 32 13.03 | FUEL SYSTEM:<br>Supply, installation, and connection of **fuel oil filling point and MS fuel piping**, subject to approval by KFF, complete in all respects. | L.S. | Item | | |
| 26 35 13 | **SECTION - 26 35 13 CAPACITOR BANK**<br><br>Supply, install and connect automatically switched Capacitor Banks in co-ordination with L.T Panel , manufacturer complete with all accessories including the Cables as shown on the drawings. The Capacitor Banks shall be connected to main L.T Panels as to the regulation of MEW. | | | | |
| 26 35 13.01 | Capacitor Bank for MLTP subject to MEW approved. | No | 1 | | |
| | **TOTAL CARRIED TO COLLECTION** | | | | **0.0** |

| ITEM code | DESCRIPTION | UNIT | QTY | UNIT RATE KD | AMOUNT KD |
|---|---|---|---|---|---|
| | **SECTION - 26 41 13 LIGHTNING PROTECTION SYSTEM** | | | | |
| 26 41 00.01 | Complete **Lightning Protection System** including **air terminals, Cu tape, down conductors, earthing, and accessories**, supplied, installed, connected, tested, and commissioned as per drawings and specifications, fully operational with manuals and warranty. | LS | Item | | |
| | **SECTION - 26 51 00 LIGHT POINT** | | | | |
| 26 50 00.01 | LIGHT POINTS [Installation of light points shown on the drawing and as specified .The work includes installation of switches,pushbuttons,contactors,light fitting ,cableing,wiring,conduiting,junction/draw boxes,expansion joints,mounting accesssories and all necessary fittings requied for proper operation.All meterials shall be installed in accordance with project specification.Coordinate with architectural and civil works and completed in all respects to ensure full functionallity and compliance with site requirements | No | 4713 | | |
| 26 50 00.02 | Door Bell | No | 46 | | |
| 26 50 00.03 | Shatter point for kitchen | No | 40 | | |
| 26 50 00.04 | EX Fan point | No | 250 | | |
| 26 50 00.05 | EX light point | No | 76 | | |
| 26 50 00.06 | EM light point | No | 296 | | |
| | **Total Carried to Summary** | | | | |

| ITEM code | DESCRIPTION | UNIT | QTY | UNIT RATE KD | AMOUNT KD |
|---|---|---|---|---|---|
| | **DIVISION 26 - ELECTRICAL**<br><br>**COLLECTION**<br>Page III-4/26- 1<br>Page III-4/26- 2<br>Page III-4/26- 3<br>Page III-4/26- 4<br>Page III-4/26- 5<br>Page III-4/26- 6<br>Page III-4/26- 7 | | | | |
| | **Total Carried to Summary** | | | | **0.0** |

| ITEM code | DESCRIPTION | UNIT | QTY | UNIT RATE KD | AMOUNT KD |
|---|---|---|---|---|---|
| | **LOW VOLTAGE SYSTEMS** | | | | |
| | Supply, install, connect, test and commission LV system raceway including conduit ,Trunking , draw wire and draw box .as etc. As shown on drawings as specified<br>The Contractor shall be fully responsible for verifying all dimensions, routes, and quantities against actual site conditions and approved drawings, and for coordinating with the Owner's specialist contractors prior to execution. | | | | |
| 27 10 01 | Data outlet.conduit and draw wire only | No | 225 | | |
| 27 10 02 | CCTV outlet.conduit and draw wire only | No | 115 | | |
| 27 10 03 | Intercom outlet.conduit and draw wire only | No | 46 | | |
| 27 10 04 | MOC MDF RACK as specified & as approved | item | LS | | |
| 27 10 05 | LV DRAW BOX 45*45*15CM | No | 29 | | |
| 27 10 06 | WIFI outlet.conduit and draw wire only | No | 30 | | |
| | **SMATV SYSTEM** | | | | |
| | Supply, install, connect, test and commission the complete TV system including conduits, wiring, conduit fittings, draw boxes, terminal boxes,.All work shall be executed as shown on the approved drawings and as specified<br>The Contractor shall be fully responsible for verifying all dimensions, routes, and quantities against actual site conditions and approved drawings, and for coordinating with the Owner's specialist contractors prior to execution. | | | | |
| 27 41 01 | TV Socket outlet conduit and draw wire only | No | 227 | | |
| 27 41 02 | Satellite Dish .conduit and draw wire only | No | 3 | | |
| 27 41 03 | TV DRAW BOX 45*45*15CM | No | 28 | | |
| 27 41 03 | TV DRAW BOX 80*80*15CM | No | 2 | | |
| | **Total Carried to Collection** | | | | 0.0 |

| ITEM code | DESCRIPTION | UNIT | QTY | UNIT RATE KD | AMOUNT KD |
|---|---|---|---|---|---|
| | **SECTION : 283133 - FIRE ALARM & VOICE EVACUATION SYSTEM**<br>Supply, install, test and commission a complete Fire Alarm and Voice Evacuation System, including all required wiring in PVC/galvanized conduits, junction boxes, accessories, termination, labeling, and full integration with related systems. Works shall be executed in accordance with the approved drawings, project specifications, manufacturer recommendations, and Kuwait Fire Force (KFF) requirements, ensuring proper and reliable operation. The contractor shall verify all quantities from site conditions and drawings and complete the installation in all respects. | | | | |
| 28 31 33.01 | Main analouge addressable Fire alarm control panel Integrated voice evacuation (as shown in the drawing) | No | 1 | | |
| 28 31 33.02 | Addressable smoke detector | No | 443 | | |
| 28 31 33.03 | Addressable Heat detector | No | 44 | | |
| 28 31 33.04 | Addressable Manual call Point | No | 68 | | |
| 28 31 33.05 | Addressable fire alarm bell W/P | No | 30 | | |
| 28 31 33.06 | Door contact | item | LS | | |
| 28 31 33.07 | Addressable Single Channel Interface Units for Control | item | LS | | |
| 28 31 33.08 | Fire Telephone Jank Point | No | 59 | | |
| 28 31 33.09 | Voice Evacuation Surface mountained Speakers at Staircases | No | 35 | | |
| 28 31 33.10 | Ceiling Mount Voice Evacuation Speakers | No | 162 | | |
| 28 31 33.11 | Raceway and Wiring for the system as per space shown on the drawing & Riser diagram and as per KFF regualtion &door contacts for fire rated doors,subjected to KFF Approval | item | LS | | |
| | **NOTE: In surface area to be used galvanized conduit and accessories.** | | | | |
| | **Total Carried to Collection** | | | | **0.000** |