

<b>M/s Buthailah W.L.L.</b> <b>Kind Attn: Mr. Mayuran Parasuraman</b> <b>Facility Maintenance Supervisor</b> <b>Email: <a href="mailto:m.parasuraman@bu-thailah.com">m.parasuraman@bu-thailah.com</a></b> <b>Mobile: +974 55806053</b>	<b>QREF 11-12-2024-5</b>  <b>SUBJECT: Quotation for Modification of Control Panel for DX-FAHU</b>  <b>Location: Farm</b>
<b>DATE: 11-12-2024</b>	<b>Email: mes@mes.qa</b>

Dear Sir,

We are pleased to present this proposal for the modification. Our team is committed to delivering high-quality workmanship and adhering to the precise specifications and safety standards required for the efficient execution of the modification.

### **Scope of Work**

Modification of the control panel for DX-FAHU, including supply, installation, and commissioning of the following components:

1. VFD Drive (Manual Operation Only) for blower motor.
2. Relays.
3. Duct thermostat.
4. Phase failure relay.
5. Digital timer.
6. LP/HP Dual Switch.
7. Control cables and associated accessories.

### **Note:**

- Existing magnetic contactor and overload relays (OL) will remain as is.

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### **Sequence of Operation (Post-Modification)**

1. Blower motor RPM will be adjusted as per evaporator ON & OFF temperature and pressure during commissioning.
  2. Two compressors will operate alternately, with each running for 1 hour to optimize performance for the fully fresh-air application.
  3. All condenser fan motors will operate based on discharge pressure to maintain proper condenser pressure.
  4. The duct thermostat will monitor the supply air temperature to enable compressor operation.
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### Pricing

Item Description	Quantity	Unit Price (QAR)	Total Price (QAR)
Modification of Control Panel (including supply and installation of listed components)	1 Nos.	11,500	11,500
<b>Grand Total=</b>			<b>11,500</b>

### **Note:**

- The above pricing is exclusive of VAT.
- Any additional works outside the specified scope will be charged separately upon prior approval.

### **Terms & Conditions**

- Delivery & Installation:** Work completion within 2 days from the date of confirmation.
- Warranty:** All supplied components come with a warranty of 1 year.
- Payment Terms:** 50% advance and 50% upon completion.
- Validity:** This quotation is valid for 15 days from the date of issuance.
- Exclusions:** Any civil works, modifications to existing wiring beyond control cables, or unforeseen conditions not covered in the scope will be quoted separately.

Please contact us for any further details or to schedule a meeting to discuss this proposal further.

Best Regards,

**METRI ENGINEERING SERVICES W.L.L**

**Eng. Fayeze (55572793)**

