

<b>M/s Qatar Pharma</b>	<b>QREF 13/04/2025-1</b>
<b>Kind Attn: Eng. Ed</b>	<b>SUBJECT: Quotation for New Project (HVAC)</b>
<b>E-Mail: <a href="mailto:ac.eng@alsulaitiholding.com">ac.eng@alsulaitiholding.com</a></b>	<b>LOCATION: Qatar Pharma</b>
<b>DATE: 13-04-2025</b>	<b>Email: <a href="mailto:mes@mes.qa">mes@mes.qa</a></b>

Dear Sir,

Referring to our recent meeting and discussions regarding the HVAC system for NEW PROJECT, we are pleased to submit our proposal outlining the following scope of works:

#### **A) Design Phase**

- Preliminary Design:** Develop a preliminary HVAC design based on the general layout provided by you, adhering to the specified clean room classes. This includes conducting a load calculation to determine the appropriate HVAC system size.
- Design and Shop Drawings:** Prepare detailed design documents and shop drawings using industry-standard CAD software, to be reviewed and approved by your engineering team.

**Price for Design Phase= 25,000 Q.R.**

**(Twenty-Five Thousand Qatari Riyals)**

#### **B) Modification and Retrofitting**

- AHU#9 & AHU#10 Modifications:** Modify the existing ductwork in Air Handling Units 9 and 10 to specifically cater to the clean and non-clean rooms. AHU#9 will exclusively serve the clean rooms, while AHU#10 will serve the non-clean rooms and water treatment area.

#### **C) Air Quality Management**

- Airflow Regulation:** Ensure the necessary air flow rates to each room in order to maintain the desired temperature and relative humidity levels
- Air Balancing:** Conduct air balancing tests in each room to maintain the specified pressure differentials, in accordance with relevant design drawings and industry standards.

**D) Supply & Installation**

6. **Ductwork and Accessories:** Supply and install air duct systems as per the Qatar Construction Specification (QCS), including all duct connections to Supply & Return diffusers (supplied by client), normal diffusers, necessary accessories, Volume Control Dampers (VCDs), and Duct heaters for 17 rooms.
7. **Thermostats & Humidistats:** Supply and install thermostats and humidistats in accordance with our detailed design specifications.
8. **Ventilation for Water Treatment Area:** Supply and install exhaust fans to ensure adequate ventilation in the water treatment area.
9. **Coordination with Other Departments:** Work in coordination with Qatar Pharma Engineering department for any electrical and civil works that intersect with the HVAC installation.

**E) System Commissioning**

11. **Testing and Commissioning:** Conduct comprehensive testing and commissioning of the HVAC system to verify that all components are functioning as per design specifications and industry standards.

**Price for B+C+D+E = 1,120,000 Q.R.**

**(One Million One Hundred Twenty Thousand Qatari Riyals)**

**TOTAL PRICE = 1,145,000 Q.R.**

**Excluding:** Anything not mentioned.

**Warranty:** 1 year

**Delivery Time:** 12 → 14 weeks.

**Payment Terms:** 40% Advance, 40% Progress Invoice , 15% Upon Completion of Testing & Commissioning, 5% Retention 400 days

**Validity of offer:** 30 days

We are committed to delivering this project on time and within budget, while adhering to the highest quality standards. We look forward to your favorable consideration of this proposal.

**Metri Engineering Services W.L.L**

