

<b>M/s International Mineral Water Co.</b> <b>E-Mail:</b>	<b>QREF 25/08/25-2</b> <b>Subject: Proposal for Rectification of Freezer Room Cooling Issue</b>  <b>Location:</b>
<b>DATE: 25/08/2025</b>	<b>Email: mes@mes.qa</b>

Dear Sir,

As per our engineer's technical inspection and our discussion with you, we observed that the inside temperature in the freezer rooms is not reaching the required set point of  $-18^{\circ}\text{C}$ . The actual temperature reading is only  $-7^{\circ}\text{C}$ , which indicates a lack of cooling capacity.

Our engineer confirmed that the system should at least achieve  $-12^{\circ}\text{C}$ , which is acceptable for your operations. To rectify this problem, we propose the following solutions:

*1. System Optimization*

- Replace filter drier and expansion valve orifice
- Adjust refrigerant pressure to ensure the refrigeration system operates under optimum conditions

**- Price: QAR 3.600**

*2. We advise to install Adiabatic Cooling System*

- Installation of an adiabatic system to increase the cooling capacity of the compressor
- Reduce electrical consumption and improve performance efficiency

**- Price: QAR 4.000**

**TOTAL PRICE= QAR 7.600**

**Payment Terms:** 100% advance

We remain at your service and look forward to your confirmation to proceed with the required works.

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

Engr. Fayez 55572793

