
	Vendor Confirmation of Electrical and Performance Specifications
	Caloris Evaporator

Equipment	Merit Requirement	Vendor Response
Description	Caloris Evaporator	N/A
Quantity	1	N/A
Supplier \ Manufacturer	Caloris	N/A
Function and capacities	<p>Equipment function and capacity are as per Proposal P18-877 REVISION B Dated June 13, 2019. Info from proposal in the snips below:</p> <p>A. PRODUCT SPECIFICATIONS</p> <p>The selection of the Caloris MVR Heated Forced Circulation Evaporator System offered with this proposal is based on the Merit Foods specification to process the "reference product" waste water, achieving a water evaporation rate of 2,000 Kg/hr while concentrating the waste water from 16%TS to approximately 48%TS, with the understanding that the feed water at 16%TS will contain ~1.4 wt.% Ash, of which ~1.0 wt.% TS is Sodium Chloride (NaCl).</p> <p>It is understood by Merit Foods that Caloris has not conducted any pilot testing to concentrate samples of the reference waste water in-order to establish any qualitative or quantitative data or characteristics for the concentration of this reference waste water, and the selection of the proposed 25 evaporator system is based solely on the objective for achieving 2,000 Kg/hr of water evaporation capacity.</p> <p>As it pertains to the operation and performance of the proposed evaporator system, Buyer understands that the reference product is to be generally free of entrained suspended solids that might cause plugging problems inside the evaporator system. Screening of suspended particulate to a minimum 35 Mesh, and preferably 100 Mesh, is recommended.</p> <p>B. SYSTEM PERFORMANCE</p> <p>Seller guarantees that the evaporator system offered with this proposal will be capable of evaporating 2,000 Kg/hr of water from water. The operating parameters and mass balance specifications given under <i>Section V</i>, of this proposal are offered as expected performance parameters on the reference product.</p> <p>Noted performance guarantee is subject to adjustment in the event that the system design is substantially modified at Buyer's request.</p>	Confirmed per contract
Electrical	<p>Vendor to confirm all equipment is designed to meet the available electrical capabilities at the plant:</p> <p>Available electrical at the Merit facility: 575V, 3 Phase 60 Hz 120V, 1 Phase, 60Hz</p> <p>All electrical equipment (wiring, panels and components) to be certified for the Canadian Market (i.e CSA, ULc)</p> <p>Where dust is a hazard, all equipment is to be capable of being bonded and grounded at the plant.</p>	Electric ratings confirmed. Caloris to build to specs recognized by Canada.
Pressure Registration	The vendor will register the pressure equipment with a CRN in the province of Manitoba. The Vendor confirms the equipment	Equipment will be built by ASME certified shop. Caloris to

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	will be manufactured by a shop with a certificate of authority for pressure equipment.	contract outside consultant (PV Engineering) for CRN registration requirements.
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