



AGREEMENT HIGHLIGHTS

Cooling and Heating System Water Testing and Treatment Program

OEEM #2023-438

Item	Description
Agreement Term	Effective Date: December 11, 2023 Final Expiry Date: December 10, 2028
Services Available Through These Agreements	Initial Assessment and Recommendation Services: Customers will receive an initial inspection of their systems, including, but not limited to: <ul style="list-style-type: none">• Brominators• Chemical Feed Pumps• Chilled Water Systems• Controllers at Cooling Tower Sites• Cooling Towers• Filtration• Glycol Filled Systems• Heat Pump Systems• Hydronic Heating Systems• Tanks/Containment• Water Treatment Controllers• Water Meters• Other related equipment/systems Cooling and Heating System Water Testing and Treatment Program Services: <ul style="list-style-type: none">• The Supplier’s water treatment program shall provide clean, corrosion-free waterside surfaces and make efficient use of water and treatment chemicals for the Customer’s equipment Regular Service Visits, Testing, and Analysis Services: <ul style="list-style-type: none">• Customers will receive regular service visits, by a qualified service representative, at least once per month or as mutually agreed upon with the supplier

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<p>Services Available Through These Agreements</p>	<ul style="list-style-type: none"> • At a minimum, during every regular service visit, the supplier shall perform the following: <ul style="list-style-type: none"> ▪ Review daily plant test records since their last Service call ▪ Ensure all chemical systems and storage are appropriately labelled and that all Workplace Hazardous Materials Information System (“WHMIS”) Safety Data Sheets (“SDS”) are up to date and properly filed <ul style="list-style-type: none"> ▪ Review progress on the current treatment program ▪ Discuss in depth with the customer any operating or water-related questions or problems since the last service call ▪ Inspect any equipment that is available for inspection ▪ Test each closed loop (heating and cooling) and glycol loop monthly (when operating) ▪ Provide reports to the customer ▪ Perform water analysis of pertinent samples (including pH where required) from all treated systems ▪ Submit a complete written report, following each monthly visit, of all findings and recommendations, including the test report to the customer ▪ Perform water or deposit analysis at the Supplier’s laboratory if any unusual conditions exist. The Supplier’s laboratory shall have accreditation from the National Standards Council of Canada ▪ Check inventory and calculate a material balance to insure proper dosing of all systems on a monthly basis <p>Training Services:</p> <ul style="list-style-type: none"> • Training seminars will be available to the customer in basic water chemistry relevant to the use, application and control of all chemicals used. • As a part of these seminars, a complete water treatment manual with all pertinent product, testing, safety, feeding and control information will be provided to each operating and management personnel involved. • The seminars shall include, but will not be limited to: <ul style="list-style-type: none"> ▪ Basic Water Chemistry ▪ Purpose of each Product ▪ Safe Handling and Feeding Information ▪ Testing Procedures ▪ Equipment Lay-up Procedures ▪ Chemical Adjustments ▪ Handling of Operational Upsets <p>Annual Review Services:</p> <p>The annual review services provided by the Suppliers shall include, but not be limited to:</p> <ul style="list-style-type: none"> • Number and nature of service visits provided by the supplier • Cost and Inventory Controls • Communications between the supplier and the customer • Treatment Monitoring results, including but not limited to the following: <ul style="list-style-type: none"> ▪ Corrosion analysis ▪ Microbiological profiles ▪ Fouling monitoring • Chemical Feed and Control Systems • Training Programs

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<p style="text-align: center;">Services Available Through These Agreements</p>	<ul style="list-style-type: none"> • Conservation Projects (water, chemical, energy) • Recommendations to improve the water treatment program <p>Chemical Supply:</p> <ul style="list-style-type: none"> • Customers will be able to purchase all necessary water treatment chemicals to maintain the operation of the customer’s water systems and equipment as part of the services • For the purpose of maintaining a safe work environment and exercising control, the customers will reserve the right to approve all chemicals and related products used, brought or stored on their property, including but not limited to owned and leased spaces • The suppliers shall provide all Safety Data Sheets (SDS) to be held in binders and stored at the customer’s site. If a chemical is containerized, SDS sheets are to be attached in a pouch to the relevant product • Samples of products may be requested for independent analysis. All containers must be properly labelled • The supplier will supply chemicals and related products that are compatible with the equipment and systems, and current products shall be used without any exceptions • The suppliers will also use environmentally friendly products which are not subject to municipal sewer by-law restrictions for disposal • The suppliers will be responsible for delivering all products to the customer’s location <p>Other Services:</p> <ul style="list-style-type: none"> • Where a corrosion problem is evident, corrosion coupons are to be used to monitor corrosion rates • Test each closed loop (heating and cooling) every four (4) months, and each glycol loop to be tested once (1 time) per year • Provide chemicals (e.g., inhibitors, biocides, sulphite, phosphate, caustic and amines) and glycol directly to the Customer for all systems (e.g., boilers, cooling towers, heating loop, chilled loop, glycol loop) • Supply appropriate filters for all closed loop • Meetings with the customer for a review of the overall water treatment program on an annual basis • Performance of an on-site O2 (oxygen) analysis on boiler feed water at the start of the heating season and again mid-way through the heating season • An annual test, at a minimum, for legionella must be completed on each cooling tower in service by a certified laboratory 								
<p style="text-align: center;">Awarded Supplier Partner(s)</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="background-color: #4F81BD; color: white; text-align: center;">Awarded Supplier Partners</th> </tr> </thead> <tbody> <tr> <td style="width: 5%; text-align: center;">1.</td> <td>Chem-Aqua</td> </tr> <tr> <td style="text-align: center;">2.</td> <td>Jutzi Water Technologies</td> </tr> <tr> <td style="text-align: center;">3.</td> <td>WMC Water Management</td> </tr> </tbody> </table>	Awarded Supplier Partners		1.	Chem-Aqua	2.	Jutzi Water Technologies	3.	WMC Water Management
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