

<p style="text-align: center;">RFP-RH-24-051 Groundwater Pre-Treatment for Sewer Extension @ Hamlin/Adams Bid Opening: Wednesday, September 25, 2024 @ 3 :00 PM</p>	<p style="text-align: center;">Mersino Dewatering, LLC 900 N Squirrel Rd. Suite 210 Auburn Hills, MI 48263</p>
<p>Are there any exceptions?</p>	<p>Yes - see Attachment B in vendor response package.</p>
<p>Firm Established?</p>	<p>1988</p>
<p>Years in Business:</p>	<p>36 years</p>
<p>Type of Organization:</p>	<p>LLC</p>
<p>Payment Method(s) accepted?</p>	<p>City PO/Check</p>
<p>Any lawsuits or litigation, past or present that your firm has been a part of?</p>	<p>Yes - see Attachment in vendor response package for a list of recent lawsuits that Mersino Management Company or its subsidiary Mersino Dewatering, Inc. has been involved with that is in process, settled, or concluded in the past several years. Mersino Dewatering, Inc v. Old Republic Surety Company, Florida Dept of Transportation, American Empire Buildings, Inc., and McKenzie Contracting - Matter still pending. MDI is owed money on a construction contract. No exposure or liability for MDI on this matter. Mersino Dewatering v. Weiss Construction - Matter settled at a confidential mediation. MDI has no exposure or liability on this matter. Bowen & Kron Enterprises, Inc. v. Mersino Trenching, LLC - Matter still pending. Suit filed against Mersino claiming that Mersino owed over \$1,000,000 in damages due to delays in a construction project. Mersino filed a differing site condition claim against Bowen & Kron Enterprises, Inc.</p> <p>There are also numerous collections matters where Mersino has attempted to get paid for services rendered.</p>
<p>What assistance is expected from the City of Rochester Hills staff or its consultant for the project?</p>	<p>Costs associated with obtaining and maintaining IPP permit, removal and restoration of pavements, asphalt, landscaping, leveling and all other related site prep activities, traffic control, source of water, site preparation.</p>
<p>Provide a method statement that demonstrates the Proposer's understanding of the Project Objectives and Scope of Services presented within this RFP.</p>	<p>Mersino understands that the scope of work entails installing a sanitary sewer by directional drilling methods along the areas described in the solicitation. The sewer extension includes the excavation for five (5) new manholes (manholes 2-6), which will require soil removal, and dewatering will likely be required for manholes 2-5. Manholes 2 and 3 are main areas of concern provided in the EGLE Brownfield Grant Work Plan.</p> <p>The EGLE Brownfield Grant Work Plan specifies the installation of deep wells up to 40' below the ground surface, with the City considering the use of wellpoint dewatering per the addendum. Mersino proposes "horseshoe" configured wellpoint systems to be installed adjacent to each of the four manholes due to the depth of the manhole not exceeding 15 feet below ground surface. In lieu of the deep wells, Mersino will install vacuum-operated wellpoint dewatering systems to lower the existing water table at four of the proposed manholes. Mersino will treat the water after going through the dewatering system to levels below Michigan's MCL's for the removal of PFAS and methane. Mersino is proposing a liquid-phase granular carbon absorption treatment. In the end, the waste streams will be the LGAC and the sediment within the influent equalization tank. Groundwater removed from the deep wells will contain minimum sediment. The proposal does not include testing and disposal of sediment within the treatment system equalization tank - it will be billed on a time-and-material basis.</p>
<p>Provide any impressions your firm has regarding the project's opportunities and constraints.</p>	<p>Once system is installed, Mersino understands that EGLE Grant Work Plan specifies 24-hour testing for a baseline analytical report and drawdown be conducted from each system and existing monitoring wells to show levels of PFAS below the MCLs for three consecutive days prior to approval using Mersino's proposed methods. Only then will water be discharged to sanitary sewer. Upon receipt of results, Mersino will notify EGLE and project owner within 24 hours.</p>
<p>Provide any impressions your firm has regarding the project's opportunities and constraints.</p>	<p>No response</p>

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Groundwater Pre-Treatment for Sewer Extension @ Hamlin/Adams
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Mersino Dewatering, LLC
900 N Squirrel Rd. Suite 210
Auburn Hills, MI 48263

Summarize what activities will be performed to complete this project. Provide a description of the proposed work task, concept/approach, and specifications as to which individual(s) and/or subcontractors will be assigned to each aspect of the project.

Wellpoint Dewatering will be done by Mersino LLC
Water Treatment by Global Environmental

See method statement above for a description of the proposed work and approach Mersino provided.
Mersino will install a sanitary sewer along the route specified in the proposal. Mersino will also conduct excavation for five (5) new manholes. Soil removal and likely dewatering will also occur during the process. Mersino proposes a "horseshoe" wellpoint system to be installed. In lieu of deep wells, Mersino will install vacuum-operate wellpoint dewatering systems to lower water table at four of the manholes. The groundwater removed through dewatering system will be treated to levels below the Michigan MCL's for the removal of PFAS and methane in the water using a liquid-phase granular carbon absorption treatment. Wastewater will then be processed through a sand filter system to remove suspended solids in the water. Final polishing of wastewater will be done using a multi-bag filtering system. From there, water will move to liquid granular activated carbon adsorption tanks. Treated water will flow into a holding tank for sampling . At the end, it is anticipated that groundwater removed from the deep wells will contain minimum sediment and that the water tested will be within appropriate MCL limits, and only then will it be discharged directly to sanitary sewer.

Define the process the team will use to develop this project within the identified budget on the EGLE Brownfield Grant Work Plan.

EGLE Brownfield Grant Work Plan only includes treatment equipment in proposed budget. Mersino is including both dewatering in combination with filtration in the budget. Mersino's budget will be over EGLE's proposed budget due to the size of the treatment system and the yield of the dewatering system.
Factors contributing to going over budget:
* 24-hour turnaround analytical testing exceed budget amount
* 24-hour manned pump water for operation and monitoring of the system
* Dewatering system install and equipment
* Filtration system mobilization and installation
* Cost of granulated activated carbon materials
* Disposal of waste materials

Provide an introduction on the makeup of the project team, including a brief history of the firm and each team member's area of expertise. Note any past experience of team members working together on other projects. For each team member, include name, affiliation, address, and telephone number. List the person who will serve as the main contract through the project.

Rickey Montgomery - Brand Manager - Over 17 years of industry experience in dewater, bypass pumping and slurry trench projects. Same amount of experience with drill rig operation and well installation.
Bob Hennessy - Dewatering Division Leader - Over 28 years of experience in dewatering systems and bypass pumping applications.
Joe Cherluck - Director of Inside Sales and Eng - Over 8 years of experience overseeing design and bidding of all large-scale national dewatering and bypass pumping projects.
Stephen Luke - Licensed Water Treatment Operator - Experienced as superintendent of a wastewater plant and during design phase of builds, building treatment plans and lift stations.
Nate Sadler - Superintendent

Mersino is a pumping solution provider that designs and constructs temporary and permanent pumping systems. Examples include dewatering, groundwater collection and management, ground exclusion, and more. Mersino manufactures and supplies portable pumps and supplies portable generators.

List any functions that will be subcontracted out and information on the firm(s) handling the work.

Water Filtration System - Global Environmental
Holly, MI

They are a comprehensive remediation service provider that resolves air, water and soil contamination. They are also a woman-owned small business that has developed cutting-edge remediation equipment and treatment systems that can be customized for specific project requirements.

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<p>Did the vendor provide a detailed description of the last three (3) completed projects that demonstrate your firm's current experience and ability to complete projects of a similar size, scope and purpose in a timely manner?</p>	<p>Yes Ralph Wilson Centennial Park Excavation Dewatering DTE Monroe CPRO Ditch Remediation Project Gordie Howe International Bridge</p>
<p>For each project identified above, submit a one-page maximum narrative description of the project (include additional information as requested (under Section PROPOSAL FORMAT). Make sure to include the consultant of record, team member's role in the design of the project, type of project, location and client name, and a brief statement indicating the relevance of this project to this soil remediation project. Include reference contacts for each project, along with required contact information.</p>	<p>Ralph Wilson Centennial Park Excavation Dewatering: Global Environmental provided dewatering and groundwater treatment to support construction activities. Global deployed two temporary treatment systems that were able to treat a total of 600 gallons per minute. Chemical flocculant and coagulant injection was added to control suspended solids in process water prior to final filtration and GAC treatment.</p> <p>DTE Monroe CPRO Ditch Remediation Project: Global provided a sand, gravel and bag filter treatment trailer capable of up to 800 gallons per minute. To aid with suspended solid settings, GTS provided coagulants prior to final filtration polish.</p> <p>Gordie Howe International Bridge: Global provided dewatering and groundwater treatment services to support construction of the Gordie Howe International Bridge. Global managed and treated impacted groundwater to support underground utility installations, soil removal and foundation construction.</p> <p>References (see vendor response for contact information): Nicole Schram - Blaze Contracting Bob Borst - DTE Frank Brzezinski - BNA</p>
<p>Fee Summary</p>	<p>\$615,270.00</p>