

REQUEST FOR PROPOSALS

**PAINTING, INSPECTION, AND MAINTENANCE OF
WASTEWATER TREATMENT PLANT PRIMARY CLARIFIER**



Invitation to Contractors

Proposals due: April 14, 2017

**Ryan Giefer
City of Wisconsin Rapids
Wastewater Superintendent
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Wisconsin Rapids WI 54494
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www.wirapids.org**

1. Introduction

The City of Wisconsin Rapids ("City") is soliciting Proposals for a Contractor ("Contractor") to perform and coordinate painting, inspection and maintenance of an Envirex Center-Feed Clarifier (Circular Collector "H" Drive) located at the City's Wastewater Treatment Plant. The entire project will be the responsibility of the Contractor.

2. Scope of Services and Specifications for Project

Painting, inspection, and maintenance of Envirex Center-Feed Clarifier (Circular Collector "H" Drive) furnished under original Envirex order # 11801 in 1992. The unit to be painted, inspected, and maintained is at the Wisconsin Rapids Wastewater Treatment Plant, and identified as Primary Clarifier #1. All services, sub-contract labor, parts, and materials shall be supplied by the Contractor.

Services shall include labor and material as required for the complete overhaul and reconditioning of the Envirex H drive with O.E.M. Envirex drive rebuild parts. The drive shall be blasted and mechanically cleaned and painted as per specification. Services shall also include the inspection and reconditioning as necessary of the clarifier center column base and the resetting of center column plumb to within 1/8". Services shall include furnishing and installing all stainless steel skimmer assemblies. Services shall also include the removal and abrasive blasting and painting of the bridge, drive cage, mechanism cage, collection truss, scraper assemblies, stabilizing arms, and center column by the Contractor. Services shall also consist of component disassembly and removal from tank all components interior of the tank as required to complete the project.

All components removed for rehabilitation shall be transported off-site for blasting and painting to provide quality control of the coating system and to provide an empty basin in the event of hydraulic needs at the facility. All surfaces shall be abrasive blast cleaned to SSPC SP-10 (Near White) standard. All painted surfaces shall be prepared and finished as per engineered ICI Devoe paint specifications and receive a total (all coats combined) minimum dry film thickness of 12 to 18 mils, and all non-immersed metal shall receive a urethane topcoat for protection against U.V. sunlight. Services shall also include replacement of required conduit (Aluminum) and seal-tite, squeegees (UHMW), skimmer assembly (Stainless Steel, UHMW, Neoprene rubber), 48" wide scum trough and support brackets (Stainless Steel), stationary skimmer and supports (stainless steel) and manual flushing and mechanical flushing valve (stainless steel) and 6" scum discharge line (Sch. 80 PVC) and all fasteners shall be replaced with 304 & 316 stainless steel fasteners as specified. Replacement of above mentioned skimmer assembly and scum trough is to include removal of all existing skimming equipment, removal of motorized scum pipe and ducking skimmer system.

Services shall also include the inspection of existing baffles and weirs to determine future useful life expectancy. If determined by inspection and evaluation by the contractor and the approving authority. A replacement proposal shall be created with line item costs for labor and materials FRP fiberglass reinforced plastic and alternatives materials as presented.

Services shall also include inspection of existing dezurik plug valves located in scum wet well, and if necessary replacement of plug valves. The plug valves shall be provided by the City of Wisconsin Rapids.

The Contractor shall include labor and material as required for the complete disassembly, cleaning, and reassembly of the intermediate (worm gear) and final (spur gear) Envirex H drive reducer housings. The work for the drive overhauls shall include, but not be limited to, furnishing all replacement drive components as required, including new bearings, races and seals throughout. Only drive components purchased from the original manufacturer shall be acceptable. The Contractor shall also provide a new Euro-drive speed reducer and electric motor (including drive, driven sprockets and drive chain).

All housings and components shall be solvent washed to completely remove all grease and grime. Components, gears and housings shall be wire brushed as necessary to remove all dirt, rust scale and burrs. Exposed bare metal surfaces on the housing interiors and housing covers shall be repainted with a rust preventive coating after wire brushing. All intermediate reducer shafting shall be reconditioned to eliminate wear lines and grooves from lip seal contact, and be restored to original tolerances and finish, or be replaced. The drive shall be reassembled according to original factory specifications. All drive housings and components shall be sealed as necessary to preclude the entrance of precipitation. All reducer housings shall be fitted with new vent plugs, and new ball valves with safety plugs shall be added to all oil drain lines.

Reassembly of the drive unit to the clarifier mechanism shall include setting the main gear warp at less than 0.020 inches (as measured at the stop blocks), readjustment of the collector center cage plumb to within $\frac{1}{4}$ ", resetting cage concentricity to within $\frac{1}{4}$ ", resetting horizontal plane to within $\pm \frac{1}{2}$ " (1" total in 360 degrees), setting the mechanism floor clearance at no less than $\frac{1}{4}$ ", and resetting of the new skimmer assemblies to clear the leading edge of the scum box by no less than $\frac{1}{4}$ ". (Note: Resetting horizontal plane may require removal and replacement of the non-chloride, non-shrink grout between the drive base and the top of the center column). The Contractor will also need to properly set the torque and overload/alarm switches. All mechanism settings shall be adjusted to meet or exceed the original manufacturer's specification for alignment of the collector equipment.

Services shall also include the inspection, disassembly, and reconditioning of the clarifier center column base flange, anchor bolts and non-shrink non-chloride-base grout as necessary to restore the center column to original manufacturer's specifications.

The City shall drain and clean the clarifier basin prior to the start of work and maintain the condition of each clarifier for the duration of the work.

3. Overview of the RFP

A. Anticipated Schedule:

Issuance of Request for Proposals:	March 17, 2017
Proposals Due:	April 14, 2017
Pre-Proposal Walk-Through:	March 20 – April 13, 2017
General Contractor Selected:	After contract executed
Completion Date:	Before November 2017

All schedule dates except for the Proposal Due Date are subject to change.

B. Submittal:

Proposals conforming to the requirements set forth in this RFP must be received by U.S. Mail, courier, or email no later than **4:15 p.m. CST on April 14, 2017.**

If via U.S. Mail or courier, mark a sealed envelope "Clarifier RFP" and mail or deliver five (5) copies to:

Ryan Giefer
City of Wisconsin Rapids
Wastewater Superintendent
2540 First Street South
Wisconsin Rapids WI 54494

If sent via email, please send to: rgeifer@wirapids.org

Please request a confirmation email that your submission was received.

Proposals must contain a **sum certain total proposal price** to perform the services as provided herein.

C. Pre-Proposal Visit:

Contractor may make an appointment for a pre-proposal site visit. These visits are **by appointment only**. To schedule a site visit, or for any questions concerning this RFP, please contact Ryan Giefer, rgeifer@wirapids.org or 715-421-8287.

D. Other Proposal Conditions:

In order to be considered for selection, responses must be in writing and arrive at the above location on or before the date and time specified. Proposers mailing responses should allow for normal mail delivery time to ensure receipt. Proposals received after the stated time will be returned. Each copy of the proposal will be signed by an authorized representative of the firm or individual responding.

All responses will become the property of the City and may be a matter of public record subsequent to award of the contract or rejection of all proposals. The City will not reimburse any respondent for costs associated with responding to or negotiating this RFP. Proposals will not be returned.

The City reserves the right to amend the RFP prior to the due date of responses. If it becomes necessary to revise any part of the RFP, an addendum will be provided to all proposers who have been sent a copy of this RFP. In order for proposers who have obtained RFP's through the

internet or by means other than receiving a copy directly from the City to receive an addendum, it is strongly encouraged that proposers contact the City to advise the City that you would need to receive an addendum.

The City reserves the right to negotiate the final terms of the contract with the proposer. The City reserves the right to reject any one and/or all proposals, and to waive any formalities or irregularities.

This will be a private opening by the City. The City anticipates choosing a Contractor which, in the City's sole opinion, is the best qualified and will best serve the interests of the Project.

4. General Contractor Qualifications

The proposal should contain a statement of the Contractor's qualifications.

Please include:

Firm name and address

Explanation of legal structure of Contractor

Primary point of contact

Number of years in operation (minimum 5 years)

Name and resume of Project Manager

List of Wisconsin contractor licenses held by company/key staff.

A statement of whether, within the last five years, legal action, including, but not limited to, deceptive trade practices suits, has been taken against your company for failure to perform work properly or for not completing a project. If so, please provide an explanation.

A statement of whether, within the last five years, your organization or any officer/partner of your organization has ever been an officer/partner of an organization that failed to complete a construction contract. If so, please provide an explanation.

The proposal should include the extent of the Contractor's experience on projects similar in size, scope, and complexity. In response to this, the proposer must submit the required information listed below for at least two (2) but no more than four (4) similar projects successfully completed or ongoing within the past twelve (12) years.

For each project, list the project title; a brief synopsis of the project; the owner of the project, including contact information; and a breakdown of project size and cost.

The proposer is also required to list at least (3) three client references, with the following information:

Organization

Current Point of Contact

Point of Contact's Phone or email

Project Title
Project Size and Cost

5. Insurance, Indemnification, Warranty

If chosen, Contractor agrees to execute a formal contract and to deliver a payment and performance bond for the faithful performance of the contract.

Contractor and Contractor's subcontractors shall purchase and maintain insurance with minimum limits as indicated below:

Worker's Compensation: Limits as required by Wisconsin law.

General Liability: \$2,000,000

Personal Injury: \$1,000,000

Property Damage: \$1,000,000

Business automobile liability insurance: \$1,000,000

The Contractor will name the City of Wisconsin Rapids as an additional insured. The Contractor will be expected to indemnify and hold harmless the City of Wisconsin Rapids, its elected officials, officers, employees, agents, representatives, contractors, assignees and designees from and against any and all liability, actions, claims, demands or suits, and all related costs, attorney's fees and expenses arising out of, or resulting from any acts or omissions of the Contractor or its agents, employees, subcontractors, or suppliers in the execution or performance of any agreements ultimately made by the City and the Contractor .

Contract shall warrant all workmanship and materials for a period of at least two years following completion of the project.

-End of RFP-