



**Wet Weather Treatment Pump
Engine Maintenance Contract
2023-2026**

The City of Rock Island, IL

Public Works Department

1309 Mill Street

Rock Island, IL 61201

309-732-2200

INVITATION FOR BIDS

The City of Rock Island is seeking proposals for yearly maintenance services of the Wet Weather Treatment pump engines located at the City's Mill Street Wastewater Treatment plant. There are six (6) Waukesha L36 engines that need to be serviced. This will be a three-year contract with the option to extend.

Sealed bids will be accepted by the City of Rock Island at the Office of the Wastewater Supervisor until 9:00 a.m. on Wednesday, November 30, 2022 for the following project:

Wet Weather Pump Engine Maintenance Contract

For questions on this contract please contact Lisa Perry – Wastewater Treatment Supervisor 309-732-2300.

A site visit may be scheduled with the Wastewater Supervisor prior to the bid deadline. Submission of the bid will be construed as evidence of understanding of the issues involved with the maintenance, and later claims for labor or equipment required or for difficulties encountered will **NOT** be approved.

The Contractor will be responsible for complying with all local, state, and federal regulations pertaining to this project.

The City of Rock Island is committed to preserving equal rights for all of its citizens during the construction of its public works projects and encourages minority contractors to submit bids for this work. The City also encourages bidders to consider hiring subcontractors and employees of all racial and ethnic backgrounds.

It is the intent of the City of Rock Island to award a contract to the lowest responsible bidder provided the bid has been submitted in accordance with the bidding requirements. The City reserves the right to reject any or all bids and to waive informalities or technicalities.

BIDS DUE: Wednesday, November 30 , 2022
9:00 a.m. Central Time
Public Works Department
1309 Mill Street
Rock Island, IL 61201

PROJECT: Wet Weather Pump Engine Maintenance Contract

OWNER: City of Rock Island
1528 Third Avenue
Rock Island, IL 61201

A pre-bid site tour may be scheduled with the plant supervisor.

Bids may be hand carried or mailed and will be received at the City of Rock Island Public Works Facility, 1309 Mill Street, Rock Island, IL 61201 until 9:00 am on Wednesday, November 30, 2022. Bid envelopes must be sealed and marked "WET WEATHER PUMP ENGINE MAINTENANCE CONTRACT BID"

Sealed bids will be received, opened at 9:01 a.m. on Wednesday, November 30, 2022 or at such later time and place as may then be fixed.

Each Bidder shall accompany the Bid with a Bid security, in a separate envelope, as security that the successful bidder will enter into a contract for the work bid upon and will furnish after the award of the contract corporate surety bond or bonds, acceptable to the Owner, for the faithful performance of the contract, in an amount equivalent to one hundred percent of the amount of the contract. The bidder's security shall be in an amount equivalent to five percent (5%) of the bid amount, and shall be in the form of a cashier's or certified check drawn on a bank in Illinois or a bank chartered under the laws of the United States of America, or a certified bank share draft drawn on a credit union in Iowa or chartered under the laws of the United States of America or a bid bond with corporate surety satisfactory to the Owner.

CITY OF ROCK ISLAND

Mayor

Mike Thoms

Alderman

	<u>Ward</u>
Moses Robinson Jr.	1
Randall Hurt	2
Judith Higgins Gilbert	3
Jenni Swanson	4
Dylan Parker	5
Mark Poulos	6
Bill Healy	7

City Manager

Todd Thompson

Public Works Director

Michael T. Bartels

City Engineer

Michael J. Kane, P.E.

SCOPE OF WORK

Contractor shall perform the maintenance, furnish all labor, equipment, and supplies for the servicing of the six (6) Waukesha VGF L36 Rich Burn natural gas fired engines that power the Mill Street wastewater treatment wet weather treatment system pumps and are PLC controlled. The contractor maintenance would consist of one (1) major service and one (1) minor service for each of the six (6) engines per year. Any repairs that may be needed will be quoted and approved by the Wastewater Supervisor. Whenever possible, repairs will be made at the time of the service visit, or at the next scheduled service. All work will need to be scheduled and performed such that it does not prohibit the operation of the wet weather treatment system during the service visit.

A. Service Personnel

Contractor agrees that service and repair of all equipment shall be performed by competent trained personnel skilled in the work assigned and they shall be certified to service Waukesha engines, Gill Ignition and Air Fuel controllers, and Transfluid Transmissions and that any such maintenance activity shall meet industry standards. Maintenance personnel shall have a proven work record on installing and maintaining the listed equipment and shall be manufacturer-certified where applicable.

B. Preventive Maintenance Services to be Performed

YEARLY MAJOR SERVICE

- Visual engine inspection
- Visual enclosure inspection as well as controls and pump drive
- Grease drive shaft if required
- Oil analysis report
- Coolant analysis report
- Change engine oil
- Change oil filters
- Change spark plugs
- Adjust cylinder head valves
- Check engine fuel adjustments
- Check emission system
- Change clutch oil
- Run engine to verify oil pressure
- Check engine running conditions
- Parts listed below

YEARLY MINOR SERVICE

- Visual engine inspection
- Visual enclosure inspection as well as controls and pump drive
- Grease drive shaft if required
- Check hoses
- Check belts
- Check for oil and coolant leaks
- Oil analysis report
- Coolant analysis report
- Check clutch oil add if needed
- Run engine to verify oil pressure
- Check engine running conditions

C. Service Parts Required

The parts required for the yearly major service for each unit:

- (3) Oil Filters
- (2) Air Filters
- (2) Prefilters
- (12) Spark Plugs
- (110) Gallon Oil, SAE 40 WT/ENG
- (2) ISO32 Hyd Oil/Clutch

D. Replacement Parts

Replacement parts for major system components are to be obtained from the Original Equipment Manufacturer (OEM). Replacement ancillary parts such as hoses and clamps may be obtained from the OEM, or from a reputable manufacturer that provides like kind and quality ancillary components.

Contractor must be able to receive requests via email and phone.

The Wastewater Treatment Supervisor or designee(s) shall be the sole judge as to whether the Contractor's work conforms to the specifications.

The City may extend the current contract for one year by mutual agreement in writing for a price increase reflective of the Consumer Price Index.

SPECIFICATIONS

GENERAL –

1. Change Orders: Any work to be added or deducted from contract amounts, as may be required from time to time, will be completed through a written change order issued by the City of Rock Island.
2. Payment: Billings are to be submitted to the City of Rock Island – WWTP, 1299 Mill Street, Rock Island, IL 61201
3. Inspection of Work: City staff will make periodic inspections of the work site.
4. Hours of Work: 7:00AM to 5:00PM Monday through Friday.