

**Flagg Creek Water Reclamation District (FCWRD)  
REQUEST FOR PROPOSALS (RFP)**



**Supply of Sodium Hypochlorite & Sodium Bisulfite**

**Flagg Creek Water Reclamation District  
Request for Proposal (RFP)**

To be considered FCWRD will receive proposals until Tuesday, April 11, 2023, at 1:00 P.M. CST.

Detailed Proposal Requirements will be provided by contacting Mr. Robert McCarthy, Plant Superintendent or Mr. David Alexander, Operations Supervisor, by email at [bmccarthy@fcwrdd.org](mailto:bmccarthy@fcwrdd.org) or [dalexander@fcwrdd.org](mailto:dalexander@fcwrdd.org). They are summarized as:

- 1) Proof of Insurance
- 2) Experience Statement
- a) Customer Service Representative/Responsible Person Experience Statement and Contact
- b) Three (3) References to Include: Company/Name/email/Phone
- 4) Contract Terms
- 5) Pricing

**Discovery:**

Prior to the submissions, each entity will be allowed to contact FCWRD in order to be allowed time to ask questions related to supply of sodium hypochlorite and or sodium bisulfite. Please Contact Robert McCarthy, Plant Superintendent, at Ph. 630-323-3299 Ext. 6214 to schedule discovery. No formal presentation will be required.

FCWRD reserves the right to accept or reject any and all proposals in whole or in part and to waive any informalities.

Only hardcopy proposals will be accepted as responsive. Proposals are to be delivered to:

FCWRD C/O Mr. Robert McCarthy – CM, 7001 N. Frontage Rd Burr Ridge, IL 60527, and labeled with the Company Name/ “Supply of Chlorination & Dechlorination for the 2023-2024 Season”

Robert McCarthy  
Plant Superintendent  
630-323-3299 ext. 6214  
Email address – [rmccarthy@fcwrdd.org](mailto:rmccarthy@fcwrdd.org)

# Flagg Creek Water Reclamation District Request for Proposal (RFP)

## **I. Introduction:**

FCWRD is seeking a qualified contractor to be the provider/supplier of sodium hypochlorite and/or sodium bisulfite for FCWRD's bulk chlorination and de-chlorination chemicals for the disinfection of FCWRD's wastewater treatment facility effluent. FCWRD is seeking proposals for a twelve (12) month contract for the provision of supplying bulk chlorination and de-chlorination chemicals for the disinfection of FCWRD's wastewater treatment facility effluent. Chlorination chemicals shall be 12.5% by weight sodium hypochlorite solution and de-chlorination chemicals shall be 38% technical grade sodium bisulfite solution. Bulk deliveries shall be made to the FCWRD's storage tanks based on an anticipated usage of 4,000 gallons of sodium hypochlorite and 2,100 gallons of sodium bisulfite every month. An estimated total of approximately 24,000 gallons of 12.5% sodium hypochlorite and 12,600 gallons of 38% sodium bisulfite will be required during the disinfection season from May 1, 2023 through October 31, 2023. Additional deliveries of 12.5% sodium hypochlorite may also be needed for wet weather treatment from November 1, 2023 to April 30, 2024. An exterior female 2" fill port is available to pump the Sodium Hypochlorite while a male 2" fill port is available to pump the Sodium Bisulfite.

12.5% Sodium Hypochlorite can be received in 45,000 lb Bulk Deliveries and 38% Sodium Bisulfite will be received in an initial fill of 36,000 lbs and re-fill deliveries of 25,000 lbs.

## **II. General Information:**

FCWRD is a Sanitary District created under the Illinois Sanitary District Act of 1917. The District has responsibility for collecting and treating flow from a sanitary sewer system within an established Facility Planning Area (FPA) in the Southeast corner of DuPage County primarily, with portions in the western edge of Cook County. The sewer system covers an area of approximately 27 square miles and collects sanitary waste from approximately 100,000 Population Equivalents. The District owns and operates 21 Lift Stations and a 12 MGD Treatment Plant that is equipped with separate excess flow treatment facilities. The collection system is comprised of both separate and combined sewers and consists of approximately 300 miles of pipe with approximately 250 miles of separate sanitary sewers owned by the District and 50 miles of combined sewers owned by the Village of Hinsdale.

## **III. Delivery & Location:**

Delivery shall be Freight on Board (F.O.B.) with bulk delivery by hoses and delivery equipment supplied by the successful proposer, to FCWRD, 6975 Commonwealth Avenue, Burr Ridge, Illinois 60527. All deliveries shall be made within five (5) business days after notice or sooner in emergencies, between the hours of 7:00 a.m. and 2:00 p.m., Monday through Friday. No deliveries are to be made on Saturdays, Sundays, or holidays unless otherwise directed.

Regularly scheduled or "milk run" type bulk deliveries of sodium hypochlorite and sodium bisulfite chemicals shall be made to the District's storage tanks.

## **IV) Proposal Submittal Requirements:**

### **1) Insurance:**

The Proposer must have General Liability Insurance coverage and submit proof with a Certificate of Insurance included in their proposal. It is recommended the Contractor shall maintain and keep in force the following insurance during the duration of its work for FCWRD. Unless specific limitations are contained in the Certificate of Insurance, the District will assume that the insurance applies to all work performed by the Contractor during the policy effective dates set forth in the Certificate of Insurance. If requested by the District, the Contractor shall also furnish all insurance policies.

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The insurance required by the District is specified in the following table:

<b>LINE OF INSURANCE</b>	<b>MINIMUM LIMIT OF LIABILITY</b>
1. Worker's Compensation	STATUTORY
2. Employer's Liability:	
A. Each Accident	\$1,000,000.00
B. Each employee-disease	\$1,000,000.00
C. Policy aggregate-disease	\$1,000,000.00
3. Commercial General Liability:	
A. Per occurrence	\$1,000,000.00
B. General aggregate-per Project	\$2,000,000.00
C. Products/Completed Operations General aggregate	\$2,000,000.00
4. Business Auto Liability	\$2,000,000.00
5. Umbrella Liability	\$4,000,000.00

NOTE: THE CERTIFICATE SHALL CLEARLY STATE THAT THE "FLAGG CREEK WATER RECLAMATION DISTRICT, ITS TRUSTEES, OFFICERS, AGENTS, AND EMPLOYEES" ARE ADDITIONALLY INSURED UNDER THE COMMERCIAL GENERAL, AND BUSINESS AUTO LIABILITY.

**2) Experience Statement:**

Proposers will only be considered from companies established in the supply of chlorination and dechlorination chemical business, who demonstrate in their proposal, verifiable capabilities to supply a similar account of this size. Prior to entering into a Contract/Agreement, FCWRD reserves the right to investigate the proposer's ability to fulfill the requirements of the contract and to enter proposer's premises to determine the adequacy of plant facilities, equipment, and staff.

a) Customer Service Representative/Responsible Person Qualifications, Experience and Contact:

Each proposer is to furnish a responsible employee as a single point of contact that is to provide customer service to FCWRD. These services are to include resolving problems, cost issues, delivery issues, or supply issues. This person is to be in charge of the FCWRD account regardless of the number of corporate employees involved.

b) References:

Each proposer shall furnish with his proposal a list of at least three (3) accounts of comparable size which they are servicing. The proposer shall provide the name of the company, the name, and contact information (phone and email) of an individual with the company who may be contacted as a reference.

Each company submitting a proposal must fill in the following:

- Name of Company
- Number of Employees Under Contract
- Name & Phone Number of Contact Person

**3.Contract Terms:**

The proposer is to provide a "Proposed Contract/Agreement" for review.

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## **4. Pricing:**

Prices quoted must be valid until April 30<sup>th</sup> 2024, on all items proposed.

## **5. Product Specifications**

### **12.5% by weight Sodium Hypochlorite Solution**

Appearance: Clear, colorless to yellow liquid S

Synonyms: Bleach, Liquid Chlorine

Chemical Formula: NaClO

Molecular Weight: 74.44

CAS#: 7681-52-9

Available Chlorine, wt. %	11.7-13.2
Reserve Alkalinity, wt. % as NaOH	0.3-1.0
Sodium Hypochlorite, wt.%	12.3-13.9
Available Chlorine, g/l	142-164
Specific Gravity	1.21-1.25
pH, Direct	>10
Must be approved:	NSF/ANSI Std. 60

### **Sodium Bisulfite 38%**

Technical Grade

Specific Gravity @ 25 degrees C 1.28-1.38

pH at 25 degrees C 3.5-4.5

Theoretical Freeze Point 50 degrees F

Sulfate, wt.% as Na<sub>2</sub>SO<sub>4</sub> 2.0-5.0

Iron, ppm as Fe 20 max

Must conform to: NSF/ANSI Std. 60

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**FLAGG CREEK WATER RECLAMATION DISTRICT CHLORINATION &  
DECHLORINATION CHEMICALS PROPOSAL**

Full Name of Proposer: \_\_\_\_\_ (“Proposer”)  
Principal Office Address: \_\_\_\_\_  
Local Office Address: \_\_\_\_\_  
Contact Person: \_\_\_\_\_ Telephone: \_\_\_\_\_

Contract Price Proposal:

Cost Proposal shall be net and shall include delivery, all transportation, preparation, maintenance, take in full payment for all Work and other matters set forth under above, including overhead and profit; taxes, contributions, and premiums; and compensation to all subcontractors and suppliers, and all other miscellaneous charges.

Company Name: \_\_\_\_\_  
Point-of-Contact Name: \_\_\_\_\_  
Point-of-Contact Telephone: \_\_\_\_\_  
Point-of-Contact E-mail: \_\_\_\_\_

**SCHEDULE OF PRICES**

Time Proposal Pricing to Remain in Force: April 12, 2023 through April 30, 2024

Price shall include the purchase and delivery of Sodium Hypochlorite and Sodium Bisulfite, including all sur-charges and all charges listed above under “Contract Price Proposal”.

- 1) Sodium Hypochlorite delivered in 45,000lb quantities price per pound \$ \_\_\_\_\_
- 2) Sodium Bisulfite, initial fill delivered in 36,000lb quantity price per pound \$ \_\_\_\_\_
- 3) Sodium Bisulfite, refills delivered in 25,000lb quantities price per pound \$ \_\_\_\_\_

List any and all deviations from minimum specifications:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**VI) Establishment of an Annual Contract**

A three (3) member selection team consisting of FCWRD’s Executive Director, Plant Superintendent and Operations Supervisor will review all proposals and recommend an annual supply contract be executed with the selected supplier/provider.

A successful supplier maybe awarded either the supply of the sodium hypochlorite or bi-sulfite contract or both chemicals if determined to be in FCWRD’s best interest.

The District reserves the right to reject any or all proposals that are submitted, or to solicit for new proposals.