

**Water Plant**

**4500 N. Dort Highway Flint,  
MI 48505**

FY20/21 SODIUM HYDROXIDE NSF APPROVED 25% FOR PH ADJUSTMENT

SODIUM HYDROXIDE OF NSF APPROVED 25% FOR PH ADJUSTMENT AT THE WATER PLANT PLUS CONTINGENCIES

**FURNISH AS REQUESTED FOR THE PERIOD 7/1/2024 TO 6/30/2026**

APPROXIMATE QUANTITIES ARE NOT GUARANTEED

- 1. BULK DELIVERY OF 4,000 GALLONS**
- 2. TRUCK MUST HAVE 2" Female Bajo Cam Lock Fitting**

FOR MORE INFORMATION CONTACT (810) 787-6537, EXT 3519

**Only the specifier has the responsibility and judgment for determining whether a proposed substitution is an "or equal or exceeding" specification. Mfg., model #, and supporting documentation of specifications for alternates must be provided.**

**PROPOSAL**  
CITY OF FLINT BID #25000003  
SUPPLY SODIUM HYDROXIDE 25% NSF GRADE FOR WATER PLANT

Proposal of \_\_\_\_\_(hereinafter called **Proposer**), organized and existing under the laws of the State of \_\_\_\_\_doing business as \_\_\_\_\_('Corporation', 'Partnership', 'Individual' as applicable) to the City of Flint, Michigan (hereinafter called **Owner**).

In compliance with the **Owner's** Advertisement for Proposals, **Proposer** hereby proposes to supply Sodium Hydroxide 25% NSF Grade in strict accordance with the Specifications at the price stated below.

By submission of this proposal each **Proposer** certifies (in case of a joint proposal, each party thereto certifies as to his own organization) that this proposal has been arrived at independently and without consultation, communication, or agreement with any other proposers or with any competitor.

**Proposer** hereby agrees to supply Sodium Hydroxide 25% NSF Grade **for a (2) year period from 07/01/2024 to 06/30/2026** as detailed in the **Specifications** at the rate of \$\_\_\_\_per gal, F.O.B. Destination, City of Flint Water Treatment Plant, 4500 North Dort Highway, Flint, Michigan 48505.

Container deposit \$\_\_\_\_ Point of shipment \_\_\_\_\_ Carrier(s) \_\_\_\_\_

Lead time required to fill an order shall be no more than 24 hours.

The **Proposer** understands that the **Owner** reserves the right to reject any and all proposals and that no guarantee of quantity under this proposal is implied.

Dated and signed this \_\_\_\_day of \_\_\_\_\_, 24

Submitted by: \_\_\_\_\_

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Title)

\_\_\_\_\_  
(Address)

\_\_\_\_\_  
(City, State)

\_\_\_\_\_  
(Telephone) (Fax)

\_\_\_\_\_  
(Email/Website)

## **INSTRUCTIONS TO PROPOSERS**

**CITY OF FLINT BID #2500003**

**SUPPLY SODIUM HYDROXIDE 25% NSF GRADE FOR WATER PLANT**

**Proposals shall be submitted in duplicate.**

### **RELEASE OF SPECIFICATIONS**

**Specifications** may be procured by **Proposers** from the Finance Department, Office of Purchases and Supplies, Room 203, City Hall, 1101 South Saginaw, Flint, Michigan 48502.

### **LOCAL PREFERENCE**

Proposers located within the corporate limits of Flint, Michigan, may be given a seven-percent (7%) competitive advantage. If no Flint, Michigan proposals are received, Genesee County, Michigan proposals may receive a three and one half percent (3-1/2%) competitive advantage.

### **GENERAL CONDITIONS**

#### **QUANTITIES**

No guarantee of quantity is implied under the terms of this proposal. The City of Flint is estimating 90,000 gallons annually with a 5% contingency. **Proposer** shall have no claim for loss of anticipated profits or any other damages due to any deductions from or additions to total annual purchase quantities.

#### **DELIVERIES**

All deliveries shall arrive between the hours of 8 a.m. and 5 p.m. local time, Monday through Friday. All overtime costs incurred by the **Owner** due to the **Carrier's** failure to make delivery between the hours of 8 a.m. and 5 p.m. shall be charged to the **Proposer's** account. The Owner reserves the right to schedule deliveries during off hours with no additional cost.

Deliveries shall be made to the Water Treatment Plant, City of Flint, 4500 N. Dort Highway, Flint Michigan 48505.

## CONTAINER RETURNS

Any costs associated with the return of empty containers shall not be charged to the **Owner**. **Owner** reserves the right to return full or partially full containers with no penalty or other additional charges. **Proposer** shall credit the **Owner** with all returns.

## DEPOSITS

Deposits, if required, shall be paid only on containers on-site at the City of Flint, Water Treatment Plant. Immediate credit upon container pick-up shall be given at the time of truck departure.

## PROPOSAL COVERAGE

The period covered by the proposal shall be one **(2) years** from the date of issuance of a purchase order by the **Owner**, the year being **July 1, 2024 to June 30, 2026**.

## FAILURE TO DELIVER MATERIAL

Should the **Proposer** fail to deliver the material specified in the amount ordered, the **Owner** reserves the right to procure such material as has been ordered from other sources. If the cost of the material purchased is greater than the amount specified under the terms and conditions of the **Specifications**, the difference shall be charged to the **Proposer**.

## REQUIRED DOCUMENTATION

Upon delivery **Proposer** shall provide each container with identity tags indicating the following: container identification number; container tare weight; appropriate safety kit identity to address leaks; date container was last cleaned and dried; date valves were last maintained; and date fusible plugs were last maintained.

**Proposer** shall furnish a receipt of materials specifying the number of containers delivered and the blanket purchase order number as issued by the **Owner**. **Proposer** shall furnish a Return of Goods form specifying the identification numbers and quantity of containers returned.

**Proposer** shall furnish the **Owner** a copy of the Material Data Safety Sheet for Sodium Hydroxide prior to initial shipment of materials. **Carrier** shall also have a copy of the latest Material Data Safety Sheet for Sodium Hydroxide located in the truck cab and provide a copy to the **Owner** with each delivery.

## **BILLING PROCEDURE**

**Proposer** shall submit invoices to: [accountspayable@cityofflint.com](mailto:accountspayable@cityofflint.com)

**A copy of all invoices shall be sent to:**

Water Treatment Plant  
City of Flint  
4500 N. Dort Highway  
Flint MI 48505 or  
810-787-3710  
(fax)

**Failure to provide a copy of the invoice to the Water Treatment Plant will result in a delay of payment. All invoices must indicate the valid City of Flint purchase order number assigned to this agreement.**

## **MATERIAL SPECIFICATIONS**

### **GENERAL**

All products delivered shall comply with all current ANSI/AWWA B507- or most current standards for treatment of drinking water.

### **CONTAINER SPECIFICATIONS**

Shipping containers shall comply with all legal requirements for containment and transport. Containers shall be clearly tagged and labeled, with return tags provided by the **Proposer**.

The **Proposer** is responsible for using only containers that are compatible with the City's equipment. Any shipments sent in defective or incompatible containers will be returned to the Vendor at the Vendor's expense. Defective containers include those with cracks or leakage of any kind from container walls, valves or fusible plugs.

**Proposer** shall provide tare weights for all containers delivered.

## **CHEMICAL SPECIFICATIONS**

### **Treatment Chemical Specifications**

#### **Flint Water Plant**

#### **Sodium Hydroxide – 25% NSF Grade for pH adjustment**

NSF/ANSI 60 Drinking Water Treatment Chemicals: Sodium

Hydroxide - 25%: Maximum use 200mg/L

Caustic Soda -25%: Maximum use 200mg/L

Appearance: Liquid, clear to slight haze, colorless to light grey tint.

Odor: No odor

Odor Threshold: NA pH: 14

as is basis

Melting/Freeze point-range:-18°C - -12.8°C (0°F -5°F)

approx. Boiling point-range: 110°C-113°C (230°F - 236°F)

approx. Flash point: NA

Evaporation rate: NA

Flammability: Not flammable.

Upper/lower flammability limits: NA

Vapor pressure: NA

Vapor density: NA

Relative Density (Specific Gravity):1.27S.G. @ 20°C

(68°F) Water Solubility: Complete.

Partial coefficient: n-octanol/water: NA

Auto ignition: NA

Decomposition temperature: NA

Viscosity: 7-10 cps @ 20°C (68°F)