



Invitation for Quote (IFQ)
For the Supply and Delivery of Sodium Hypochlorite
IFQ-18-012
ADDENDUM NO.2

Date of Addendum: March 29, 2019

Please read this Addendum very carefully and make changes in your quote as appropriate. Additionally, all prospective bidders are asked to execute and acknowledge receipt of this document by signing and dating the “**ACKNOWLEDGE RECEIPT OF ADDENDUM NO. 2**” form enclosed herein and include the executed form with your quote. **Failure to acknowledge receipt of all Addenda may result in rejection of your quote.**

NOTICE TO ALL POTENTIAL RESPONDENTS

The Invitation for Quote (IFQ) is modified as set forth in this Addendum. The original IFQ Documents and any previously issued addenda remain in full force and effect, except as modified by this Addendum, which is hereby made part of the IFQ. Bidder shall take this Addendum into consideration when preparing and submitting its Quote.

1.0 – IFQ

Item	Section	Description of Change
1.1	Exhibit B – Chemical Specifications	In the first paragraph, “(by weight) available chlorine” was changed to “sodium hypochlorite by weight”. See attached revised (redlined) Chemical Specifications.

END OF ADDENDUM



MANDATORY FORM

ACKNOWLEDGE RECEIPT OF ADDENDUM NO. 2

**Invitation for Quote (IFQ)
For the Supply and Delivery of Sodium Hypochlorite
IFQ-18-012**

March 29, 2019

Bidder shall acknowledge receipt of this addendum by detaching, signing and attaching to his/her proposal, one (1) copy of this sheet.

I, _____
Name of Proposer, Company Name

Address, City, State, Zip

Hereby acknowledge receipt of Addendum No. 2 to the **Invitation for Quote (IFQ) for the Supply and Delivery of Sodium Hypochlorite** and have considered these revisions in the preparation of my quote. This addendum, consisting of this acknowledgement, shall become a part of any contract made pursuant thereto.

Bidder's Signature

Printed Bidder's Name

Date

CHEMICAL SPECIFICATIONS

for

Sodium Hypochlorite

Sodium hypochlorite (liquid bleach) shall be furnished and delivered to all three WRD treatment plants, including Leo J. Vander Lans Advanced Water Treatment Facility (LVL; 7380 East Willow Street, Long Beach, CA 90815), Robert W. Goldsworthy Desalter (Goldsworthy Desalter; 20520 Madrona Avenue, Torrance, CA 90503), and Albert Robles Center Advanced Water Treatment Facility (ARC; 4320 and 4330 San Gabriel River Parkway, Pico Rivera, CA 90660). Sodium hypochlorite shall comply with the applicable provisions of AWWA Standard B300 (or latest edition) and ANSI/NSF Standard 60, with a minimum of 12.5% sodium hypochlorite (by weight) ~~available chlorine~~. The product shall be a clear straw-colored liquid with no visible cloudiness, impurities, or sediment. It shall not contain metals, minerals, or organic substances in quantities capable of producing deleterious or injurious effects on public health or causing water so treated to fail to meet state and federal drinking water regulations. Also, the product shall not contain particles of sand, grit, coke, clay, or gelatinous material in sizes that could clog metering pumps or appurtenances.

A certified shipment listing the specific gravity of the solution, the percentages by weight of available chlorine, total free alkali (as NaOH), insoluble matter, and pH shall accompany each shipment of sodium hypochlorite. The total free alkali (as NaOH) in the sodium hypochlorite shall have a minimum of 0.15% and a maximum of 0.4% by weight. The product shall be completely water soluble, have a pH between 11 and 13, specific gravity of 1.206, and a boiling point of 110°C for 15% NaOCl.

Each shipment shall also be accompanied by a certification of the net weight and a statement of the shipment as to volume, in gallons. The sodium hypochlorite shall be shipped in suitably lined, thoroughly clean tank trucks.

Payment for the sodium hypochlorite in bulk shall be based on the certified net weight divided by the pounds per gallon, multiplied by the unit pricing (see Exhibit C).