

Addendum No. 1

April 26, 2019

Near-term Ozone Improvements Lime Softening Water Treatment Plant

City of Fargo, North Dakota

Apex Project No. 18.351.0097

This Addendum shall be considered part of the Contract Documents. Receipt of Addendum shall be acknowledged by Bidder on the outside of the Bid Envelope. Failure to acknowledge the Addendum shall render the bid non-responsive.

Specifications

00100 – INSTRUCTIONS TO BIDDERS

Article 15.01 – REVISE the other required documents as follows:

Required in Separate Bid Security Envelope (Bid Envelope will not be opened without these documents):

- A. *Required Bid Security (5%)*
- B. *North Dakota Contractor's License valid 10 days before bid opening*
- C. *MBE/WBE Subcontractor Solicitation*

Required in Bid Envelope with Bid Form (Section 00300):

- D. *Bidder's List of Major Equipment Suppliers (Section 00400)*
- E. *Bidder's Subcontractor/Supplier List (Section 00410)*
- F. *Bidder's Qualification Statement (Section 00420)*
- G. *DBE Forms: EPA Forms 6100-2, 6100-3, 6100-4 (due within 10 days of bid opening)*

All other language in this Article shall remain the same.

00300 – BID FORM

ARTICLE 7 – ATTACHMENTS TO THIS BID

REVISE the list of attachments to match the list in Section 00100 – Instructions to Bidders.
All other language in this Article shall remain the same.

00820b – ND6 WAGE RATES – HEAVY

REMOVE this Section in its entirety.

01010 – SUMMARY OF WORK

ADD the following to 1.03.B

5. *Cleaning of new ozone feed gas piping, existing ozone feed gas piping, new supplemental air piping, and existing supplemental air piping.*
6. *Draining of ozone contactors and cleaning of Cells #3 and #4. Refer to allowance for this work detailed in Section 01019.*

01015 – SEQUENCE AND CONSTRAINTS OF CONSTRUCTION

In Paragraph 1.03.C.7, CHANGE ‘...one (1) month.’ to ‘...six (6) weeks.’

ADD the following to 1.03.C

13. Confined Space Entry Requirements

- a. Attention is directed to the permit-required confined space entry provisions of OSHA 1910.146 108 for general industry and OSHA 1926 Subpart AA for construction.
 - b. All spaces shall be designated by Contractor as either PERMIT REQUIRED or NON-PERMIT REQUIRED. When designated PERMIT REQUIRED, a copy of the PERMIT shall be conspicuously posted for the duration of the Work within the space. Confined spaces designated as PERMIT REQUIRED after assessment shall be supported by a rescue team(s).
 - c. Test for the presence of combustible or dangerous gases including ozone and oxygen deficiency in confined spaces shall be made with an approved device immediately prior to a worker entering the confined space and at intervals frequent enough to ensure a safe atmosphere during the time a worker is in such a structure. A record of such tests shall be kept at the jobsite.
 - d. No employee shall be permitted to enter a confined space, where tests indicate the presence of a hazardous atmosphere, unless the employee is wearing suitable an approved respiratory equipment, or until such time that continuous forced air ventilation has removed the hazardous atmosphere from the confined space.
 - e. Confined spaces that contain or that have last been used as containers of toxic gases such as ozone or poisonous substances, shall, in every case, be tested by means of approved devices or chemical analysis before being entered without wearing approved respiratory equipment.
 - f. Sources of ignition shall be prohibited in any confined space until after the atmosphere within the confined space has been tested and found safe.
 - g. Coordinate entry operations with the Engineer when both Contractor personnel and Engineer’s personnel require permit space entry.
 - h. Submit confined space operating and rescue procedures to the Engineer for review prior to any confined space entry. Procedures shall conform to the requirements of the above-referenced OSHA regulations.
14. Contractor shall make a request to the City for any lock out/tag out necessary for isolation of the facilities prior to entry.

01600 – SEQUENCE AND CONSTRAINTS OF CONSTRUCTION

ADD the following to 1.03

G. Contractor shall protect any equipment items that have been factory cleaned for oxygen service at the field site from re-contamination. Contractor shall pay for re-cleaning of soiled items for oxygen service.

Plans

SHEET G-04

Item No. 25 Notes: DELETE the second sentence and INSERT the following:
Deliver 30 diffusers to City as spares.

SHEET M-01

ADD the following to the General Notes:

- 5. Ozone product gas will continue to be used at the Membrane Water Treatment Plant during the entire construction period for this project. Provide a positive seal in the ozone contactor pipe between the live ozone product gas piping and the ozone product gas piping work shown on this drawing. The positive seals shall be blind flanges or spectacle blinds. Provide the positive seals within the Membrane Water Treatment Plant shutdown window described in Section 01015 before any ozone product piping work is started.*

SHEET M-02

ADD the following to the General Notes:

- 5. Ozone product gas will continue to be used at the Membrane Water Treatment Plant during the entire construction period for this project. Provide a positive seal in the ozone contactor pipe between the live ozone product gas piping and the ozone product gas piping work shown on this drawing. The positive seals shall be blind flanges or spectacle blinds. Provide the positive seals within the Membrane Water Treatment Plant shutdown window described in Section 01015 before any ozone product piping work is started.*

END OF ADDENDUM #1

