

**ADDENDUM 7  
TO THE CONTRACT PROVISIONS AND CONTRACT PLANS**

**FOR**

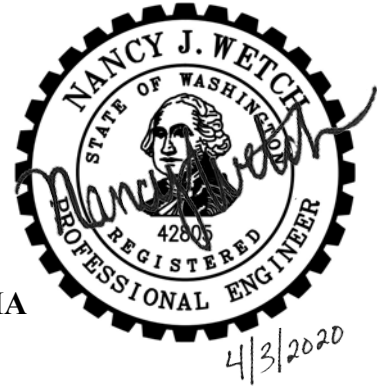
**CITY OF BINGEN  
WASTEWATER TREATMENT FACILITIES IMPROVEMENTS**

**G&O #18034**

**ISSUED THIS DATE: FRIDAY, APRIL 3, 2020**

**BID OPENING: 11:00 A.M. (LOCAL TIME) ON  
THURSDAY, APRIL 9, 2020  
CITY OF BINGEN  
112 NORTH ASH  
BINGEN, WASHINGTON 98605**

**BIDS WILL BE READ ALOUD VIA  
TELECONFERENCE AT  
12:00 P.M. (LOCAL TIME)  
CALL (206) 284-0860**



**Bidder shall acknowledge receipt of this Addendum on Page P-7 of the Proposal.**

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TO PROSPECTIVE BIDDERS:

The attention of all prospective bidders on the above project is directed to the following additions and modifications to the Contract Provisions and Contract Plans.

**I. ADDITIONS, MODIFICATIONS, AND/OR DELETIONS TO THE CALL FOR BIDS**

**ITEM 1:**

Page CB-1, Call for Bids

**REVISE** the first paragraph as shown below (added text is italicized):

“Sealed Proposals will be received by the undersigned at the City of Bingen, 112 North Ash, Bingen, Washington 98605 up to 11:00 am; local time on ~~Thursday, March 5, 2020, Wednesday March 11, 2020, Thursday March 19, 2020,~~ Thursday, April 9, 2020, for furnishing the necessary labor, materials, equipment, and tools, thereof to construct the Wastewater Treatment Facilities Improvements. *Due to the COVID-19 outbreak, City Hall will be closed to the public. The Contractor may submit the bid in-person at City Hall from 10:00 a.m. up to 11:00 a.m. on the bid opening date, or by contacting City Hall at 509-493-2122 Tuesday-Friday between 8:30 a.m. and 4:30 p.m. to make delivery arrangements. Alternatively, the Contractor may mail the bid package to P.O. Box 607 Bingen, WA 98605. The City makes no guarantee that bid packages submitted by mail will arrive prior to the bid deadline.*”

**ITEM 2:**

Page CB-1, Call for Bids

**REVISE** the fourth paragraph as shown below (added text is italicized, deleted text is shown as strike out):

~~“The Proposals will be publicly opened and read aloud shortly after the time and date stated above. The proposals will be publicly read aloud at 12:00 p.m., by conference call only. Call Gray & Osborne, Inc. at 206-284-0860 to join the conference call.~~ Proposals are to be submitted only on the form provided with the Bid Documents. All Proposals must be accompanied by a certified check, postal money order, cashier’s check, or Proposal bond payable to the “City of Bingen” and in an amount of not less than five percent (5%) of the total Proposal amount.”

**I. ADDITIONS, MODIFICATIONS, AND/OR DELETIONS TO THE SPECIFICATIONS**

**ITEM NO. 1:**

Page 16010-15, Specification Section 16010-2.3, A, Electrical System Study Report (ESSR)

**REVISE** subsection A as shown below (added text is italicized):

“A. A short circuit calculation, withstand evaluation report, and arc flash study are not known to exist for the facility. Such calculations, report and study shall be provided. *The report shall also include a harmonic study of harmonics likely to be generated on the power distribution system at the point of common coupling with the utility.*”

**ITEM NO. 2:**

Page 16010-19 Specification Section 16010-2.3, Electrical System Study Report (ESSR)

**ADD** the following after subsection H:

- “I. Harmonic Analysis
1. Prepare a report summarizing the power system total harmonic distortion at the Utility Service Point (Meter, Switchboard or Panelboard) and at each Motor Control Center.
  2. For each location, evaluate total harmonic distortion assuming the IEEE 519 point of common coupling is at the normal power service entrance disconnect equipment. Analyze the effect of the line reactors supplied with the VFDs at each location.
  3. If the harmonic distortion exceeds the recommendations of IEEE 519, provide recommendations for the sizing of harmonic filter(s) to mitigate the distortion to below IEEE 519 recommendations.”

**ITEM NO. 3:**

Page 16422-6 Specification Section 16422-2.4, A., Variable Frequency Controllers

**ADD** the following after subsection 8:

- “9. The VFD shall be provided with output reactors to reduce motor cable line charging and voltage transients, if so recommended by the VFD manufacturer for the cable lengths of the installed condition.”

**ITEM NO. 4:**

Page 16422-6 Specification Section 16422-2.4, F., Variable Frequency Controllers, Harmonic Mitigation

**REVISE** subsection 1 as shown below (added text is italicized, deleted text is shown as strike out):

- “1. The VFD system shall consist of the following components. ~~All components listed including power factor correction / harmonic filter and transformer shall be integral to the VFD lineup, factory wired and tested as a complete system.~~ *All components listed shall be integral to the VFD unit, factory tested and wired as a complete system.*
- a. ~~a power factor correction / harmonic filter unit (if required to meet these specifications), consisting of (minimally) 3% input reactor~~ *a power factor correction / filter unit consisting of (minimally) a 3% input reactor.*
  - b. output inverter
  - c. control logic section. “

**ITEM NO. 5:**

Page 16422-6 Specification Section 16422-2.4, F., Variable Frequency Controllers, Harmonic Mitigation

**DELETE** subsections 2. and 3. in their entirety.