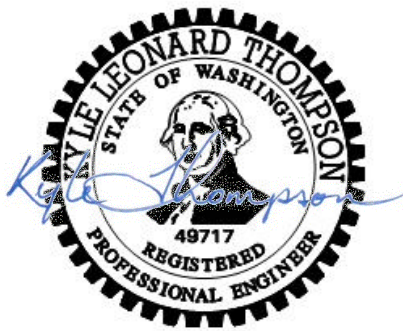


ADDENDUM NO. 2
TO THE
CONTRACT DOCUMENTS
FOR
VADER-ENCHANTED VALLEY RESERVOIR
FOR
LEWIS COUNTY PUBLIC WORKS
VADER, WASHINGTON

THIS ADDENDUM IS HEREBY MADE A PART OF THE CONTRACT DOCUMENTS TO THE SAME EXTENT AS THOUGH IT WERE ORIGINALLY INCLUDED THEREIN.

BIDDERS MUST ACKNOWLEDGE RECEIPT OF ALL ADDENDA ON THE BID PROPOSAL FORM. BID PROPOSALS THAT FAIL TO ACKNOWLEDGE ALL ADDENDA MAY BE CONSIDERED IRREGULAR AND MAY BE REJECTED.

ISSUED THIS 18TH DAY OF APRIL 2018.



Apr 18, 2018 | 3:21 PM PDT

MURRAYSMITH
400 East Mill Plain Boulevard, Suite 203
Vancouver, WA 98686
(360) 448-4230

ITEM NO. 1 – VOLUME 1, BIDDING REQUIREMENTS, BID FORM

REPLACE document EJCDC C-410, Bid Form for Construction Contracts, with the attached Bid Form.

ITEM NO. 2 – SPECIFICATION SECTION 26 09 16, MOTOR AND CONTROLS

On page 26 09 16-4, in the second sentence of paragraph 2.3 D, **REPLACE** the words “460 VAC, 3 phase” with the words “240 VAC, 3 phase”.

ITEM NO. 3 – SPECIFICATION SECTION 33 12 23, WATER UTILITY PUMPING STATIONS

On page 33 12 23-9, after paragraph 2.3 E, **ADD** the following:

- “F. Pump Station Motor Disconnect Switches
1. Motor disconnect switches shall be heavy-duty, 30-400-ampere ratings as indicated, fused type 316L stainless steel operator, safety type rated 600 volts AC.
 2. Provide fusible disconnect switches with ratings as for the motors being served with built-in fuse pullers. Provide LPS, LPN, or LPJ 200KAIC current limiting fuses as appropriate for the motor circuit type and the circuit voltage.
 3. Enclosure locations and ratings:
 - a. Outdoor and corrosive areas: NEMA 4X, Type 316L stainless steel.
 4. The operating handle shall be capable of being padlocked in the "off" position. The operator shall be a positive, quick-make, quick-break mechanism. Provide bolt-on hubs. Provide door lock. Provide nameplates with the equipment tag number, equipment description, and power source as indicated on the drawings. Submit nameplate list.
 5. Pump station Manufacturer shall install Motor Disconnect Switches DSC-001, DSC-002 and DSC-003 on the outside of the pump station enclosure in an accessible location as shown on the plans. Prewire motor loads from the disconnect load terminals to their associated pump motors.
 6. Switches shall be horsepower rated for motors and shall comply with NEMA KS-1. Switches shall be provided with defeatable door interlocks that prevent the door from opening when the operating handle is in the "on" position. Switches shall have line terminal shields.
 - a. Manufacturer: Eaton, General Electric, Square-D, or approved equal.”

ITEM NO. 4 – SPECIFICATION SECTION 33 12 23, WATER UTILITY PUMPING STATIONS

On page 33 12 23-11, in the first sentence of paragraph 2.5 A.4, **REPLACE** the word “Contractor’s” with the word “Owner’s”.

ITEM NO. 5 – SPECIFICATION SECTION 40 90 00, GENERAL INSTRUMENTATION AND CONTROL

On page 40 90 00-1, in the first sentence of paragraph 1.2 A, **REPLACE** the word “City’s” with the word “Owner’s”.

ITEM NO. 6 – SPECIFICATION SECTION 40 90 00, GENERAL INSTRUMENTATION AND CONTROL

On page 40 90 00-1, in the first sentence of paragraph 1.2 B, **REPLACE** the words “System Integrator” with the words “Water Pumping Station Supplier”.

ITEM NO. 7 – SPECIFICATION SECTION 40 90 00, GENERAL INSTRUMENTATION AND CONTROL

On page 40 90 00-1, in the last sentence of paragraph 1.2 B, **REPLACE** the words “Systems Integrator” with the words “Owner’s Systems Integrator”.

ITEM NO. 8 – SPECIFICATION SECTION 40 90 00, GENERAL INSTRUMENTATION AND CONTROL

On page 40 90 00-4, in the second sentence of paragraph 2.1 A, **REPLACE** the word “Contractor” with the word “Owner”.

ITEM NO. 9 – SPECIFICATION SECTION 40 91 19, LIQUID PRESSURE PROCESS MEASUREMENT DEVICES

On page 40 91 19-5, **REPLACE** paragraph’s 2.3 through 2.6 with the following:

“2.3 PRESSURE TRANSMITTERS

G. Manufacturers:

1. IFM
2. Approved equal.

H. Description: 1/4-inch or 1/2-inch NPT tap with isolation valve.

I. Description:

1. Excitation:
 - a. 18 to 30 V dc minimum.
 - b. Overvoltage protected.
2. Accuracy: Plus, or minus 0.40 percent.
3. Output Signal: 4 to 20 mA dc.

4. Operating Temperature Range: Minus 40 to plus 185 degrees F.
 5. Response Time: Less than 1 ms.
 6. Materials: Stainless steel.
 7. Static Pressure Rating: Pump station discharge pressure noted in the specifications.
 8. Display: 4-digit LED alphanumeric
- J. Mounting: By Pump Supplier.
- K. Furnish cable, field preamplifiers, and signal conditioners as required to maintain accuracy from transducer to terminal device.

2.4 OPERATION

A. Control Power:

1. Wiring: As specified.
2. 24-volt DC loop powered.
3. Furnish local transformers as required.

B. Enclosures: NEMA 6.

2.5 SOURCE QUALITY CONTROL

- A. Section 01 75 16 - Testing, Training & System Startup: Requirements for testing, inspection, and analysis.

ITEM NO. 10 – SPECIFICATION SECTION 40 95 13, PROCESS CONTROL PANELS AND HARDWARE

On page 40 95 13-5, **REPLACE** paragraph 2.2 A.1 with the following:

“1. Furnish NEMA 250 Type 12 enclosure fabricated of 10 gauge painted carbon steel with continuously welded seams.”

ITEM NO. 11 – DRAWINGS SHEET C-13, RESERVOIR SITE PLANTING PLAN

On the Planting Notes, **REPLACE** note 5 with the following:

“5. Seed all slopes 3:1 and steeper.”

ITEM NO. 12 – DRAWINGS SHEET E-4, ELECTRICAL DETAILS

On Note 4 of Detail 4, AREA LIGHT AND INTRUSION SWITCH DETAIL, **ADD** with the following after the first sentence:

“INTRUSION SWITCH TO BE DOUBLE POLE, HEAVY-DUTY LIMIT SWITCH WITH STAINLESS STEEL ADJUSTABLE ROLLER ARM AND METAL ROLLER. EATON E50BR1 (SWITCH) AND E50KL538 (ROLLER ARM AND ROLLER) OR APPROVED EQUAL.”

END OF ADDENDUM NO. 2

BID FORM

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ARTICLE 1 – BID RECIPIENT

1.01 This Bid is submitted to:

**Lewis County Public Works Department
2025 NE Kresky Ave
Chehalis, WA 98532**

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2 – BIDDER’S ACKNOWLEDGEMENTS

2.01 Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

ARTICLE 3 – BIDDER’S REPRESENTATIONS

3.01 In submitting this Bid, Bidder represents that:

- A. Bidder has examined and carefully studied the Bidding Documents, and any data and reference items identified in the Bidding Documents, and hereby acknowledges receipt of the following Addenda:

| <u>Addendum No.</u> | <u>Addendum, Date</u> |
|---------------------|-----------------------|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

- B. Bidder has visited the Site, conducted a thorough, alert visual examination of the Site and adjacent areas, and become familiar with and satisfied itself as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
- C. Bidder is familiar with and has satisfied itself as to all Laws and Regulations that may affect cost, progress, and performance of the Work.
- D. Bidder has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or adjacent to the Site and all drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings. Bidder acknowledges that such reports and drawings are not Contract Documents and may not be complete for Bidder’s purposes. Bidder acknowledges that Owner and Engineer do not assume responsibility for the accuracy or completeness of information and data shown or indicated in the Bidding Documents with respect to Underground Facilities at or contiguous to the site.

- E. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and any Site-related reports and drawings identified in the Bidding Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder; and (3) Bidder's safety precautions and programs.
- F. Bidder agrees, based on the information and observations referred to in the preceding paragraph, that no further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price bid and within the times required, and in accordance with the other terms and conditions of the Bidding Documents.
- G. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
- H. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and confirms that the written resolution thereof by Engineer is acceptable to Bidder.
- I. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance and furnishing of the Work.
- J. The submission of this Bid constitutes an incontrovertible representation by Bidder that Bidder has complied with every requirement of this Article, and that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.
- K. BIDDER is a resident Bidder in the State of Washington as defined in RCW 39.04.380.
(Check the Appropriate Box)
 YES
 NO
- L. Bidder is registered with the Washington Construction Contractors Board.
(Check the Appropriate Box)
 YES State Contractor License No.
 NO

ARTICLE 4 – BIDDER’S CERTIFICATION

4.01 Bidder certifies that:

- A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation;
- B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;
- C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and

- D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.01.D:
1. “corrupt practice” means the offering, giving, receiving, or soliciting of any thing of value likely to influence the action of a public official in the bidding process;
 2. “fraudulent practice” means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;
 3. “collusive practice” means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels; and
 4. “coercive practice” means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

ARTICLE 5 – BASIS OF BID

5.01 Bidder will complete the Work in accordance with the Contract Documents for the following price(s):

SCHEDULE OF UNIT PRICE BID

| Item No. | Sub-item | Description | Unit | Estimated Quantity | Bid Unit Price | Bid Price |
|----------|----------|--|------|--------------------|----------------|-----------|
| 1 | | Mobilization, bonds, permitting, and insurance | 1 | LS | | |
| 2 | | Minor change | 1 | LS | \$15,000 | \$15,000 |
| 3 | | Trench Safety System | 1 | LS | | |
| 4 | | Construction survey and staking | 1 | LS | | |
| 5 | | Removal and replacement of unsuitable material | 100 | CY | | |
| 6 | | Erosion / water pollution control | 1 | LS | | |
| 7 | | All work required to construct a new 250,000-gallon welded steel water storage reservoir, complete, other than as provided for under separate unit prices. General work categories are described in the price breakdown below, with the sum of items a-e being equal to the total lump sum for Item 7. | | | | |
| | a | Shop drawings and approvals | 1 | LS | | |
| | b | Earthwork to include clearing and grubbing, mass excavation, stockpiling, hauling, and disposal of excess material offsite | 1 | LS | | |
| | c | Foundation french drain including connection to drainage structure | 1 | LS | | |

| Item No. | Sub-item | Description | Unit | Estimated Quantity | Bid Unit Price | Bid Price |
|----------|----------|---|------|--------------------|----------------|-----------|
| | d | Reservoir construction including foundation rock backfill, concrete foundations, reservoir floor, reservoir shell, reservoir roof, interior piping, pipe blocks, access hatches, vents, roof handrail, ladders, fall prevention systems, interior and exterior surface preparation and coatings, and all other accessories as noted in the contract drawings and specifications | 1 | LS | | |
| | e | Reservoir testing, disinfection & start-up | 1 | LS | | |
| 8 | | Final site grading and surface restoration to include soil preparation, grass seeding, site stabilization | 1 | LS | | |
| 9 | | Gravel surfacing | 1 | LS | | |
| 10 | | Furnish and install Sched 80 PVC water main, utility trench backfill (all depths), including all bends and fittings | | | | |
| | a | 3-inch diameter | 75 | LF | | |
| 11 | | Furnish and install Class 52 ductile iron water main, utility trench backfill (all depths) | | | | |
| | a | 4-inch diameter, restrained | 115 | LF | | |
| | b | 10-inch diameter, restrained | 190 | LF | | |
| 12 | | Furnish and install cast or ductile iron pipe fittings | | | | |
| | a | 4-inch diameter bend w/ joint restraints | 10 | EA | | |
| | b | 4-inch diameter tee w/ joint restraints | 2 | EA | | |
| | c | 8-inch diameter tee w/ joint restraints | 1 | EA | | |

| Item No. | Sub-item | Description | Unit | Estimated Quantity | Bid Unit Price | Bid Price |
|-----------|----------|---|------|--------------------|----------------|-----------|
| | d | 10-inch diameter bend w/ joint restraints | 6 | EA | | |
| | e | 10-inch diameter tee w/ joint restraints | 3 | EA | | |
| 13 | | Furnish and install buried valves | | | | |
| | a | 3-inch diameter gv | 1 | EA | | |
| | b | 4-inch diameter gv w/ joint restraints | 6 | EA | | |
| | c | 10-inch diameter gv w/ joint restraints | 3 | EA | | |
| 14 | | Furnish and install flexible expansion joints | | | | |
| | a | 4-inch diameter, FLG | 1 | EA | | |
| | b | 10-inch diameter, FLG | 2 | EA | | |
| 15 | | Connection to existing water main | | | | |
| | a | 4-inch diameter | 2 | EA | | |
| | b | 8-inch diameter | 1 | EA | | |
| | c | 10-inch diameter | 2 | EA | | |
| 16 | | Furnish and install valve vault, complete | | | | |
| 17 | | Furnish and install yard hydrant assembly, complete | | | | |
| 18 | | Testing, flushing and disinfection of water mains | | | | |
| 19 | | Reservoir overflow splash pad and erosion control apron | | | | |
| 20 | | Modifications to existing reservoir | | | | |
| | a | Clean existing reservoir | 1 | LS | | |
| | b | Existing reservoir inlet connection | 1 | LS | | |

| Item No. | Sub-item | Description | Unit | Estimated Quantity | Bid Unit Price | Bid Price |
|-----------|----------|--|-----------------------------|--------------------|----------------|-----------|
| | c | Silt stop | 1 | LS | | |
| 21 | | All work required to construct a new raw water pump station, complete, other than as provided for under separate unit prices. General work categories are described in the price breakdown below, with the sum of items a-d being equal to the total lump sum for Item 21. | | | | |
| | a | Reinforced concrete slab | 1 | LS | | |
| | b | Pump station w/ enclosure and control panel | 1 | LS | | |
| | c | Underground piping including fittings | 1 | LS | | |
| | d | System startup including training and O&M manuals | 1 | LS | | |
| 22 | | Realign water service connection, 1-inch diameter | 1 | EA | | |
| 23 | | Site electrical, instrumentation, control, and telemetry | 1 | LS | | |
| 24 | | Construction project sign | 1 | LS | | |
| | | | Construction Subtotal | | | |
| | | | Washington Sales Tax @ 7.8% | | | |
| | | | Total | | | |

Bidder acknowledges that (1) each Bid Unit Price includes an amount considered by Bidder to be adequate to cover Contractor's overhead and profit for each separately identified item, and (2) estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all unit price Bid items will be based on actual quantities, determined as provided in the Contract Documents.

Total of Unit Price Bid = Total Bid Price (numbers) \$

Total of Unit Price Bid = Total Bid Price (words)

\$

***Abbreviations**

LS – Lump sum

EA – Each

CY – Cubic yards

LF – Linear feet

ARTICLE 6 – TIME OF COMPLETION

- 6.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.
- 6.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 7 – ATTACHMENTS TO THIS BID

- 7.01 The following documents are submitted with and made a condition of this Bid:
- A. Required Bid security;
 - B. Non-Collusion Affidavit;
 - C. Mandatory Bidder Responsibility Statement;
 - D. Supplemental Bidder Responsibility Statement;
 - E. Evidence of authority to do business in the state of the Project; or a written covenant to obtain such license within the time for acceptance of Bids;
 - F. Contractor's License No.: ;
 - G. First-Tier Subcontractor Disclosure Form
If Bid amount exceeds \$10,000, signed Compliance Statement (RD 400-6). Refer to specific equal opportunity requirements set forth in the Supplemental General Conditions
If Bid amount exceeds \$25,000, signed Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion – Lower Tier Covered Transactions (AD - 1048).
 - H. If Bid amount exceeds \$100,000, signed RD Instruction 1940-Q, Exhibit A-1, Certification for Contracts, Grants, and Loans.
 - I. Bidder Certification Required by E.O. 11246
 - J. Subcontractor Certification Required by E.O. 11246
 - K. Contractor Section 3 Plan
 - L. Proposed Subcontracts Breakdown
 - M. Contractor Estimated Project Workforce Breakdown

ARTICLE 8 – DEFINED TERMS

- 8.01 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

ARTICLE 9 – BID SUBMITTAL

BIDDER: *[Indicate correct name of bidding entity]*

By:

[Signature] _____

[Printed name] _____

(If Bidder is a corporation, a limited liability company, a partnership, or a joint venture, attach evidence of authority to sign.)

Attest:

[Signature] _____

[Printed name] _____

Title: _____

Submittal Date: _____

Address for giving notices:

Telephone Number: _____

Fax Number: _____

Contact Name and e-mail address: _____

Bidder's License No.: _____

(where applicable)