

ADDENDUM NO. 1
City of Bremerton
Well 2R and 7 Rehabilitation (2019)
March 22, 2019

TO ALL PLANHOLDERS:

You are hereby notified of the following modifications to the contract documents for the City of Bremerton project Well 2R and 7 Rehabilitation (2019). Addendum No. 1 is hereby made a part of these contract documents, and its terms and conditions are fully binding on the Planholder and Contractor. The Contractor shall acknowledge receipt of this Addendum No. 1 by identifying on the Bid Forms.

This Addendum No. 1 is 11 pages total:

- 2 pages describing changes
 - 2 pages for reissued BID SCHEDULE (part of Section 00410, Bid Forms)
 - 7 pages for reissued section 01025 MEASUREMENT AND PAYMENT
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Item 1: The BID SCHEDULE from Section 00410 is reissued and included in this addendum. Replace the original bid schedule with the reissued bid schedule when submitting the bid.

Item 2: Section 01025 for Measurement and Payment is reissued in entirety to include the following changes and is included in this addendum:

- A. Bid items A.6 and B.6 include requirements for refurbishing/installing a temporary pump and performing step rate testing.
- B. Bid Items A.8 and B.8 add the requirement to have a certified plumber or pipefitter on-site during installation of the new pump. Include minimum 8 hours in the bid for a plumber/pipefitter with prevailing wage rates for that trade.

Item 3: Add the following items to paragraph 01354 3.1

- A. At both Well 2R and 7, the Contractor may place the uncontaminated spoils generated from the well rehabilitation process on a tarp next to the well. City staff will pick up the material at a later date. The tarp will be supplied by the City.
- B. For disposal of wastewater contaminated with surfactant at both well sites, there are upland depressions where the wastewater will be pumped and allowed to discharge to the ground. The Contractor must supply the pump and hose and any other items to pump the wastewater to the depression. Provide a storage tank for temporary storage of the contaminated waste liquid; pump from the tank to the upland area. At Well 2R, the estimated distance to the depression is 400 feet with a vertical elevation change of 50 feet. At Well 7, the estimated distance to the depression is 800 feet with a vertical elevation change of 50 feet.

- C. During the step-rate testing process, discharge water can be sent to the creek and roadside ditches. At Well 2R, there is a system of catch basins where the water can be discharged, which then flows to the creek. At Well 7, there is a roadside ditch approximately 150 to 200 feet away. Provide appropriately size and length of hose for conveying and directing the discharge water.

Item 4: Delete paragraph 01570 1.1 A.1 a. and replace with the following text:

- a. 110V power for small tools is available at both well sites. For items that require larger electrical demand, provide a generator.

Item 5: Delete paragraphs 01570 1.1 A.2 a. and b. and replace with the following text:

- a. The City will supply water at both well sites via a spigot and hose. The flow rate is estimated not to exceed 5 to 10 gpm. If larger flow rates are required, the Contractor will require their own source of supply.

Item 6: Add the following item to paragraph 02520 3.1 A.11:

- b. Step-rate test pumping duration at each well will not exceed 4 hours unless the HYDROGEOLOGIST requires additional testing.

Item 7: The pre-bid conference was attended by the following individuals:

Agency/Firm

City of Bremerton:

Robinson Noble:

Hokkaido Drilling:

Charon Drilling

Tacoma Pump and Drilling:

Representative

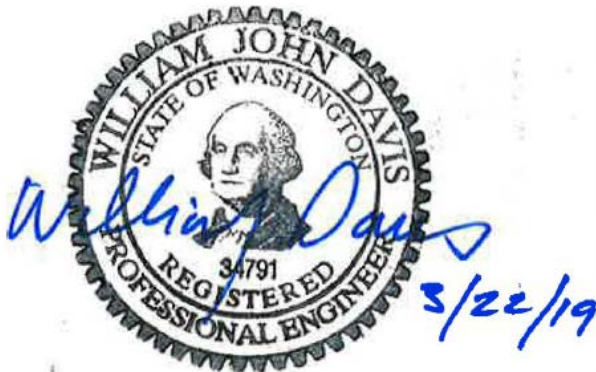
Bill Davis, Ted Danielson, Chad Hantelman

Jim Hay

Bill Dodge

Dave Charon and one other individual

Eric Hansen



City of Bremerton
William Davis, P.E.

REISSUED FOR ADDENDUM #1

BID SCHEDULE (PAGE 1 OF 2)

Following is the Bid Schedule for construction of the project **Well 2R & 7 Rehabilitation (2019)** in accordance with the Contract Documents. The Bid Schedule must be completed by the Bidder by filling in each blank. The cost item shall be in **dollars and cents**, using numerals only. Failure to do so will render the bid non-responsive and will cause its rejection. NOTE ON SALES TAX: Washington State Department of Revenue Rule 170 applies to this project. **Bids will be evaluated on the basis of the TOTAL BID PRICE.**

Schedule A – Well 2R Rehabilitation					
Bid Item #	Description	Unit	# of Units	Unit Cost	Total Amount
A.1	Mobilization	LS	----	----	\$
A.2	Water Quality Protection	LS	----	----	\$
A.3	Well Video Inspection	LS	----	----	\$
A.4	Rehabilitation – Authorized Hourly Field Work	Hours	100	\$	\$
A.5	Rehabilitation – Authorized Hourly Shop Work	Hours	10	\$	\$
A.6	Supply Temporary Pump and Perform Step-Rate Test	LS	-----	\$	\$
A.7	Purchase Well 2R Pumping Equipment	LS	----	----	\$ 40,000
A.8	Install Well 2R Pumping Equipment	LS	----	----	\$
SCHEDULE A TOTAL					\$

BID SCHEDULE
(PAGE 2 OF 2)

Schedule B – Well 7 Rehabilitation					
Bid Item #	Description	Unit	# of Units	Unit Cost	Total Amount
B.1	Mobilization	LS	----	----	\$
B.2	Water Quality Protection	LS	----	----	\$
B.3	Well Video Inspection	LS	----	----	\$
B.4	Rehabilitation – Authorized Hourly Field Work	Hours	100	\$	\$
B.5	Rehabilitation – Authorized Hourly Shop Work	Hours	10	\$	\$
B.6	Supply Temporary Pump and Perform Step Rate Test	LS	-----	\$	\$
B.7	Purchase Well 7 Pumping Equipment	LS	----	----	\$ 40,000
B.8	Install Well 7 Pumping Equipment	LS	----	----	\$
SCHEDULE B TOTAL					\$

SUBTOTAL 1: SCHEDULE A TOTAL plus SCHEDULE B TOTAL	\$
FORCE ACCOUNT	\$ 25,000.00
SUBTOTAL 2: SUBTOTAL 1 plus FORCE ACCOUNT	
SALES TAX: 9% of SUBTOTAL 2	
TOTAL BID PRICE: SUBTOTAL 2 plus SALES TAX	\$

SECTION 01025

MEASUREMENT AND PAYMENT

PART 1 GENERAL

1.1 Scope of Payment

- A. Measurement and Payment will be in accordance with the prices set forth in the proposal for individual work items. CONTRACTOR shall make a careful assessment when preparing the bid.
- B. Where work does not appear as a separate item in the proposal but is required in order to provide a fully operable, rehabilitated well, the cost for that work shall be included and absorbed into the bid item prices in the Bid Schedule.
- C. Payment for the various items of the Bid Schedule, as further specified herein, shall include all compensation to be received by the CONTRACTOR for furnishing all tools, equipment, supplies, and manufactured articles, and for all labor, operations, and incidentals appurtenant to the items of work being described, as necessary to complete the various items of the WORK all in accordance with the requirements of the Contract Documents, including all appurtenances thereto, and including all costs of permits and cost of compliance with the regulations of public agencies having jurisdiction, including Safety and Health Requirements of the Washington Division of Industrial Safety and Health Act (WISHA), and the Occupational Safety and Health Administration of the U.S. Department of Labor (OSHA).
- D. Washington State Department of Revenue Rule 170 applies to this project. For work performed in such cases, the CONTRACTOR shall include the retail sales tax on the full contract price. The City will automatically add this sales tax to each payment to the CONTRACTOR. For this reason, the CONTRACTOR shall not include the retail sales tax in the bid item prices, or in any other contract amount subject to Rule 170. Contact Washington State Department of Revenue Public Works Section by email at pwc@dor.wa.gov or by phone at (360) 725-7588.

1.2 Force Account

- A. A line item for Force Account is included in the Bid Schedule in the amount of \$25,000. This money can be used when changed conditions are encountered which require extra work or for owner-directed changes. A written Work Change Directive must be issued in order to use money from the Force Account line item.
- B. Force Account will also be used for reimbursement of material item purchases, services, permits, and fees identified for reimbursement in the contract. Payment for items via the Force Account shall be determined based on the pre-taxed actual invoice amount plus a 15% markup.
- C. Payment for the purchase of new pumping equipment and appurtenances is reimbursed separately from Force Account and described further in this

section.

1.3 Schedule A – Well 2R Rehabilitation

A. Bid Item No. A.1 – Mobilization

1. No measurement shall apply to this lump sum bid item.
2. The lump sum payment for this bid item shall be paid in accordance with the Contract Documents and shall constitute compensation for all costs of preparatory work performed by the CONTRACTOR, including, but not limited to, those necessary for the movement of personnel, equipment, supplies and incidentals to the project site; for premiums on bonds and insurance for the project, and for work and operations which must be performed or costs incurred before beginning production work on the various items on the project site. Mobilization also includes but is not limited to: posting construction identification signs, construction surveying and staking, providing record drawings, securing permits, establishing safety and security measures, submitting the project schedule; providing product/material submittals; attending public meetings as stipulated in the Special Provisions. Mobilization costs for all subcontracted work shall be incidental to this bid item. Measurement and Payment shall be Lump Sum in accordance with the Contract Documents.
3. This bid item shall also include the cost for demobilization and restoring the site upon completion of the work.
4. Payment for this bid item shall be 70% upon completion of mobilization and the remainder shall be paid after demobilization.

B. Bid Item No. A.2 – Water Quality Protection

1. No measurement shall apply to this lump sum bid item
2. The lump sum price for this bid item shall constitute compensation for all costs associated with planning, implementing, and monitoring temporary erosion control practices, water quality protection practices, and spill prevention and control practices in accordance with the Contract Documents (specifically Section 01354) and local, State, and Federal water quality regulations.
3. All costs for labor, equipment, material, supplies, subcontracts, and services associated with control and monitoring of wastewater discharges from the Work shall be included in this bid item.

C. Bid Item No. A.3 – Well Video Inspection

1. No measurement shall apply to this lump sum bid item.
2. The lump sum price for this bid item includes compensation for all costs for

equipment, labor, and activities required for video inspection of the well both prior to and after rehabilitation activities to the satisfaction of the HYDROGEOLOGIST and City staff.

3. Any labor and equipment time to prepare the well for video inspection, such as flushing, shall be included in this bid item.
- D. Bid Item No. A.4 – Rehabilitation – Authorized Hourly Field Work
1. Measurement for the hourly rate shall be based on the estimated hourly rate of labor, equipment and materials required to complete tasks described in the Contract Documents specifically for on-site work for rehabilitation of the well.
 2. Payment for this bid item shall constitute compensation for all field hourly costs, including: removing and disposing of the existing well pump, column, and appurtenances; removal of sand, silt and other materials from the bottom of the well; cleaning the well casing; mechanically surging the well; replacing the filter pack in the annular space; placing and surging the surfactant in the well to loosen fine clay and silt materials; perform additional surging and rehabilitation as requested by the hydrogeologist; disinfection; post-rehabilitation well evaluation; and any other field work as requested and determined necessary by the Owner and/or hydrogeologist for successful rehabilitation of the well. No payment shall be made when the crew is not actively working on the site to rehabilitate the well as determined by the HYDROGEOLOGIST. The City has estimated the number of hours required to complete the on-site rehabilitation activities. Payment shall be the hourly rate times the actual number of authorized hours as verified by the HYDROGEOLOGIST.
- E. Bid Item No. A.5 – Rehabilitation – Authorized Hourly Shop Work
1. Measurement for the hourly rate shall be based on the estimated hourly rate of labor, equipment and materials required to complete tasks described in the Contract Documents specifically for shop-related work for rehabilitation of the well.
 2. Payment for this bid item shall constitute compensation for all hourly costs associated with fabricating, repairing, or modifying equipment items directly associated with Well 2R rehabilitation as described in Tasks 3 to 11 in paragraph 02520 3.1 A and that occurs at the CONTRACTOR's off-site work facilities (shop). The City has estimated the number of hours required to complete shop-related work. Payment shall be the hourly rate times the actual number of authorized hours as verified by the HYDROGEOLOGIST.
- F. Bid Item No. A.6 – Supply Temporary Pump and Perform Step Rate Test
1. No measurement shall apply to this lump sum bid item
 2. This bid item shall include the costs associated with step-rate testing, including refurbishing and installing temporary pump (City to support electrical connections

as needed), coordinating with hydrogeologist for test, performing pump test, and removing temporary pumping equipment.

3. Step rate testing shall not exceed 4 hours unless additional testing is required by the HYDROGEOLOGIST.

G. Bid Item No. A.7 –Purchase Well 2R Pumping Equipment

1. No measurement shall apply to this lump sum bid item
2. The lump sum price for this bid item shall constitute compensation for purchase of the new pumping equipment including pump, motor, startup support, and any additional items as directed by the Owner such as valves, power cable, well column, conduit, and piping.
3. The amount included in the bid schedule for this bid item is a placeholder and NOT the actual amount to be paid to the Contractor. The payment to the Contractor shall be determined based on pre-tax actual equipment/material invoices plus a 10% markup.
4. Obtain multiple (minimum of 2) cost quotes from different vendors/manufacturers for major pumping equipment items in order to ensure competition and best value for the City.
5. Any costs other costs associated with the new well pumping equipment, including coordination for delivery, installation, testing, troubleshooting, coordinating with City staff, and startup, shall be included in the bid item for installation of well pumping equipment. This current bid item is solely for purchase of pumping equipment and appurtenances based on actual invoice cost.

H. Bid Item No. A.8 – Install Well 2R Pumping Equipment

1. No measurement shall apply to this lump sum bid item
2. The lump sum price for this bid item shall constitute compensation for all costs associated with receiving and installing the new pumping equipment (and old items where reused), including coordination for delivery, installation, testing, troubleshooting, coordinating with City staff, and startup, shall be included in the bid item for installation of well pumping equipment.
3. Electrical and control connections and any SCADA programming shall be made by City staff. Coordinate with City staff for startup.
4. A plumber certified by the State of Washington must be on-site during the work. Include minimum 8 hours of time in the bid for the certified plumber at the prevailing wage rate of a Plumber/Pipefitter.

1.4 Schedule B – Well 7 Rehabilitation

A. Bid Item No. B.1 – Mobilization

1. No measurement shall apply to this lump sum bid item.
2. The lump sum payment for this bid item shall be paid in accordance with the Contract Documents and shall constitute compensation for all costs of preparatory work performed by the CONTRACTOR, including, but not limited to, those necessary for the movement of personnel, equipment, supplies and incidentals to the project site; for premiums on bonds and insurance for the project, and for work and operations which must be performed or costs incurred before beginning production work on the various items on the project site. Mobilization also includes but is not limited to: posting construction identification signs, construction surveying and staking, providing record drawings, securing permits, establishing safety and security measures, submitting the project schedule; providing product/material submittals; attending public meetings as stipulated in the Special Provisions. Mobilization costs for all subcontracted work shall be incidental to this bid item. Measurement and Payment shall be Lump Sum in accordance with the Contract Documents.
3. This bid item shall also include the cost for demobilization and restoring the site upon completion of the work.
4. Payment for this bid item shall be 70% upon completion of mobilization and the remainder shall be paid after demobilization.

B. Bid Item No. B.2 – Water Quality Protection

1. No measurement shall apply to this lump sum bid item
2. The lump sum price for this bid item shall constitute compensation for all costs associated with planning, implementing, and monitoring temporary erosion control practices, water quality protection practices, and spill prevention and control practices in accordance with the Contract Documents (specifically Section 01354) and local, State, and Federal water quality regulations.
3. All costs for labor, equipment, material, supplies, subcontracts, and services associated with control and monitoring of wastewater discharges from the Work shall be included in this bid item.

C. Bid Item No. B.3 – Well Video Inspection

1. No measurement shall apply to this lump sum bid item.
2. The lump sum price for this bid item includes compensation for all costs for equipment, labor, and activities required for video inspection of the well both prior to and after rehabilitation activities to the satisfaction of the HYDROGEOLOGIST

and City staff.

3. Any labor and equipment time to prepare the well for video inspection, such as flushing, shall be included in this bid item.
- D. Bid Item No. B.4 – Rehabilitation – Authorized Hourly Field Work
1. Measurement for the hourly rate shall be based on the estimated hourly rate of labor, equipment and materials required to complete tasks described in the Contract Documents specifically for on-site work for rehabilitation of the well.
 2. Payment for this bid item shall constitute compensation for all field hourly costs, including: removing and disposing of the existing well pump, column, and appurtenances; removal of sand, silt and other materials from the bottom of the well; cleaning the well casing; mechanically surging the well; replacing the filter pack in the annular space; placing and surging the surfactant in the well to loosen fine clay and silt materials; perform additional surging and rehabilitation as requested by the hydrogeologist; disinfection; post-rehabilitation well evaluation; and any other field work as requested and determined necessary by the Owner and/or hydrogeologist for successful rehabilitation of the well. No payment shall be made when the crew is not actively working on the site to rehabilitate the well as determined by the HYDROGEOLOGIST. The City has estimated the number of hours required to complete the on-site rehabilitation activities. Payment shall be the hourly rate times the actual number of authorized hours as verified by the HYDROGEOLOGIST.
- E. Bid Item No. B.5 – Rehabilitation – Authorized Hourly Shop Work
1. Measurement for the hourly rate shall be based on the estimated hourly rate of labor, equipment and materials required to complete tasks described in the Contract Documents specifically for shop-related work for rehabilitation of the well.
 2. Payment for this bid item shall constitute compensation for all hourly costs associated with fabricating, repairing, or modifying equipment items directly associated with Well 2R rehabilitation as described in Tasks 3 to 11 in paragraph 02520 3.1 A and that occurs at the CONTRACTOR's off-site work facilities (shop). The City has estimated the number of hours required to complete shop-related work. Payment shall be the hourly rate times the actual number of authorized hours as verified by the HYDROGEOLOGIST.
- F. Bid Item No. B.6 – Supply Temporary Pump and Perform Step Rate Test
1. No measurement shall apply to this lump sum bid item
 2. This bid item shall include the costs associated with step-rate testing, including refurbishing and installing temporary pump (City to support electrical connections as needed), coordinating with hydrogeologist for test, performing pump test, and removing temporary pumping equipment.

3. Step rate testing shall not exceed 4 hours unless additional testing is required by the HYDROGEOLOGIST.
- G. Bid Item No. B.7 –Purchase Well 7 Pumping Equipment
1. No measurement shall apply to this lump sum bid item
 2. The lump sum price for this bid item shall constitute compensation for purchase of the new pumping equipment including pump, motor, startup support, and any additional items as directed by the Owner such as valves, power cable, well column, conduit, and piping.
 3. The amount included in the bid schedule for this bid item is a placeholder and NOT the actual amount to be paid to the Contractor. The payment to the Contractor shall be determined based on pre-tax actual equipment/material invoices plus a 10% markup.
 4. Obtain multiple (minimum of 2) cost quotes from different vendors/manufacturers for major pumping equipment items in order to ensure competition and best value for the City.
 5. Any costs other costs associated with the new well pumping equipment, including coordination for delivery, installation, testing, troubleshooting, coordinating with City staff, and startup, shall be included in the bid item for installation of well pumping equipment. This current bid item is solely for purchase of pumping equipment and appurtenances based on actual invoice cost.
- H. Bid Item No. B.8 – Install Well 7 Pumping Equipment
1. No measurement shall apply to this lump sum bid item
 2. The lump sum price for this bid item shall constitute compensation for all costs associated with receiving and installing the new pumping equipment (and old items where reused), including coordination for delivery, installation, testing, troubleshooting, coordinating with City staff, and startup, shall be included in the bid item for installation of well pumping equipment.
 3. Electrical and control connections and any SCADA programming shall be made by City staff. Coordinate with City staff for startup.
 4. A plumber certified by the State of Washington must be on-site during the work. Include minimum 8 hours of time in the bid for the certified plumber at the prevailing wage rate of a Plumber/Pipefitter.

PART 2 PRODUCTS (Not Used)

PART 3 EXECUTION (Not Used)

END OF SECTION