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ADDENDUM NO. 1

Harper Ward Well Equipping Project

February 18, 2025

BEAR RIVER WATER CONSERVANCY DISTRICT

Addendum No. 1 to the Plans, Contract Documents, and Specifications prepared by J U-B ENGINEERS, Inc. is hereby submitted for use in bid preparation and submittal. Contractor must acknowledge receipt of all Addenda on the Bid Form.

The following clarifications, additions, and/or deletions are hereby made part of the **Harper Ward Well Equipping Project** as fully and completely as if the same were entirely set forth in the Contract Documents and Specifications.

PRE-BID MEETING MINUTES AND ROLL

1. The pre-bid meetings minutes and roll have been added as an attachment.

BID OPENING DATE

1. The bid opening date for the project has been changed to **Thursday, March 13th @ 1:00pm.** This has been updated in the advertisement for the project.

LAST DAY FOR QUESTIONS AND FINAL ADDENDUM DATE

- 1. The last day for questions has been updated to **Wednesday, March 5th @ 5:00pm.**
- 2. The final addendum will be posted by **Friday, March 7th EOD**.

SHEET G-003

1. Updated Ryan Pack email to "ryan.pack@skmeng.com"

PUMP CHANGES

1. The vertical turbine well pump and motor will be changed to a **submersible pump and motor**. The updated specifications and drawings will be included with a future addendum.

ADDENDUM ATTACHMENTS:

- 1. Pre-Bid Meeting Minutes & Roll
- 2. Sheet G-003
- 3. Advertisement

Addendum 1 Page 1 of 1









PRE-BID MEETING ATTENDEES LIST

BEAR RIVER WATER CONSERVANCY DISTRICT HARPER WARD WELL EQUIPPING PROJECT

Meeting Date: February 12, 2025 @ 1:00pm

Location: BRWCD Offices - 102 W Forest St, Brigham City, UT 84302

#	Company Name	Name of Representative	Email Address				
1	Patriot construction	Braden	Patriot construction utah a gmail.com				
		CLARK BURBIDGE	clark be codale com				
3	ROCKPORT ROCKS TYCON						
4	Circle Barrigation	Wes Siddolly Kurt Longmore	rockportrockslice gmost.com Klecircle birrigation.com				
5	3. SPENDLER CONST.	JAREO DIXON	JARED @ SPINDLERCORP. COM				
	DINIA CONSTRUCTION	MATE HANSEN	DWANATE HE DWACONSTRUCT COM				
	DWA Construction	GRAUT N.	grant. n@dwacoustruct.com				
	MJM Construction	Try Retesin	MJM Construction wtohe gmail. Com				







J-U-B ENGINEERS, INC.

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HELPING EACH OTHER

CREATE BETTER COMMUNITIES







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PRE-BID MEETING MINUTES

DATE: February 12, 2025 TIME: 1:00 PM

PROJECT NAME: Harper Ward Well Equipping Project

MEETING LOCATION: BRWCD Offices - 102 W Forest St, Brigham City, UT 84302

ATTENDEES: Non- Mandatory, See Sign-In Sheet

I. Bidding Schedule

- A. Pre-Bid Meeting Wednesday, February 12 @ 1:00pm BRWCD Offices
- B. Last Day for Questions Wednesday, February 26 @ 5:00pm
- C. Final Addendum Posting Friday, February 28 @ 5:00pm
- D. Bids Due/Bid Opening Wednesday, March 5 @ 1:00pm BRWCD Offices

II. Plans & Bidding

- A. Plans Available at www.jub.com: Select "Plans" tab at top of page, Quest Number #9521588 (\$22 Download Fee)
 - 1. All addendums will be posted to QuestCDN, must be a planholder to get addendum and notifications for questions.
- B. Questions shall be submitted through QuestCDN site

1.

- C. Bids submitted to BRWCD Office by Wednesday, March 5 @ 1:00pm
 - Bids can be submitted by email to <u>anielson@jub.com</u> or physical copies to Chase at BRWCD office
- D. This project is funded with SRF funds and must meet Build America, Buy America Act (BABAA) and AIS Requirements.
 - 1. More information can be found in Tech Spec 00 81 00 Special Conditions

III. Project Overview

A. Well Equipping

- 1. Construction of New CMU Block Building.
- 2. Well equipping with 200 hp motor with VFD, well pump, and related piping and appurtenances. Well pumps to the tank.







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- 3. Chlorination System will be gas feed with Grundfos booster pumps.
- 4. Pre-lube system uses hydropneumatic tank and booster pump to draw water from water tank.
- 5. 250 kW backup diesel generator on generator pad next to building. Stem wall runs along from building to end of generator on north side.

B. Site

- 1. Site is primarily flat and covered in gravel. There is a steep hill to the north and south of flat building pad area.
- 2. Building will be raised 6" above surrounding ground
- 3. 12" DI waterline will connect from well piping to existing valve vault pipe stub
- 4. 8" PVC pump-to-waste line will connect to existing pipe stub at drainage vault
- 5. 4" PVC drain line will discharge w/ rip rap at top of retention pond south of building pad

C. Site Access and Stagging

- 1. There is an existing gravel access road up to site from HWY 38
- 2. Access: BRWCD has easements. Primary road access is through parcel 04-028-0146 connection at the highway at approximately 5100 N Highway 38. For potential stagging areas contact Jake Secrist at 435-225-3528.
 - a) 2 Gates to get through to access road
- 3. Flat gravel area is about 0.5 acres and can be used for staging to west and south of building.

D. SCADA

- 1. Bid Item #32 SCADA (SKM Subcontractor) will need to cover the cost of SKM Engineering to provide SCADA work for the project and any other subcontracting costs.
 - a) Contact Ryan Pack for cost: Email ryan.pack@skmeng.com, Office 801-877-0011

E. Electrical Work

- 1. Includes all electrical wiring needed for building, generator, and site.
- 2. Coordination with Rocky Mountain Power and installing conduit from transformer to building.
 - a) Need to move the temporary concrete pad (has pick eyes) to new location. Move the 4" conduit over as well. Transformer is not on pad right now.
 - b) Generator: Needs to be sourced first thing, can't be sole sourced by BRWCD.

c)







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IV. Construction

- A. Materials testing provided by contractor and reviewed by BRWCD and Engineer.
- B. Substantial Completion November 21, 2025
- C. Final Completion December 12, 2025
- D. The construction schedule anticipates winter months. No additional days granted for winter shutdowns.
 - 1. Permits: Need to get a building permit from Box Elder County. BRWCD is exempt from fees.

2.

V. Questions

- A. Pump: Recent well testing showed there was a 4-ft dog leg on the well, so pump will need to be changed. It will probably have to change to a submersible pump
 - 1. Will need to update cabling to pump for submersible
 - 2. There will need to be instrumentation for the sensor
 - 3. Need to move Transformer Pad on addendum
 - 4. Will need to continue the primary conduit for the power.
- B. Neighbors will need dust control for nearby homes
 - 1. Just below project, there is a district hydrant that can be used. Water will be free but needs to metered still.
- C. Will need to coordinate with contractor installing tank on site
- D. VFD may change due to the pump change, will probably need a filter
- E. Can Shneider VFD be an "or equal"?
- F. Liquidated Damages are \$1,000

ADVERTISEMENT FOR BIDS

BEAR RIVER WATER CONSERVANCY DISTRICT BRIGHAM CITY, UTAH

General Notice

Bear River Water Conservancy District (Owner) is requesting Bids for the construction of the following Project: **Harper Ward Well Equipping**

Bids for the construction of the Project will be received at the BRWCD Offices located at **102 W Forest St, Brigham City, UT 84302**, until **Wednesday, March 5th Thursday, March 13th at 1:00pm** local time. At that time the Bids received will be publicly opened and read.

The project consists of installing a CMU well house, interior well piping and equipment, well pump and motor in an existing well casing, HVAC system, electrical system, standby generator, buried piping, concrete work, site grading, and connection to existing piping.

The Project has a substantial completion date of **November 21, 2025** and final completion date of **December 12, 2025**.

Funding Requirements

This agreement is for services related to a project that is subject to the Build America, Buy America Act (BABAA) requirements under Title IX of the Infrastructure Investment and Jobs Act ("IIJA"), Pub. L. 177-58. Absent an approved waiver, all iron, steel, manufactured products, and construction materials used in this project must be produced in the United States, as further outlined by the Office of Management and Budget's Memorandum M-22-11, Initial Implementation Guidance on Application of Buy America Preference in Federal Financial Assistance Programs for Infrastructure, April 18, 2022.

Obtaining the Bidding Documents

Information and Bidding Documents for the Project can be found at the following designated website: www.jub.com – Select "Plans" tab at top of page, Quest Number #9521588

The designated website will be updated periodically with addenda, lists of registered plan holders, reports, and other information relevant to submitting a Bid for the Project. All official notifications, addenda, and other Bidding Documents will be offered only through the designated website. Neither Owner nor Engineer will be responsible for Bidding Documents, including addenda, if any, obtained from sources other than the designated website.

Pre-bid Conference

A pre-bid conference for the Project will be held on **Wednesday**, **February 12**, **2025** at **1:00pm** at the BRWCD Offices located at **102 W Forest St**, **Brigham City**, **UT 84302**. Attendance at the pre-bid conference is encouraged but not required. A site visit will be conducted following the pre-bid conference.

This Advertisement is issued by:

Owner: Bear River Water Conservancy District

By: Chance Baxter
Title: General Manager

Date: 1/31/2025

GENERAL NOTES

- BEAR RIVER WATER CONSERVANCY DISTRICT AND THE ENGINEER HAVE JURISDICTION OVER THIS PROJECT. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND BUSINESS LICENSES PRIOR TO CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR DUST ABATEMENT AND ANY LIABILITY ISSUES RELATED TO DUST AT ANY LOCATION WHICH MAY BE CAUSED BY THIS PROJECT.
- THE CONTRACTOR IS RESPONSIBLE FOR TRAFFIC CONTROL AND PROTECTION OF PEDESTRIANS IN AND AROUND THIS WORK. REFERENCE THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD LATEST EDITION FOR WORK ZONE TRAFFIC CONTROL).
- 4. ANY WORK DONE WITHIN A PUBLIC RIGHT-OF-WAY SHALL BE COORDINATED WITH THE APPROPRIATE TRANSPORTATION AGENCY AND SHALL MEET THE REQUIREMENTS OF THAT AGENCY AND, IN PARTICULAR, REQUIREMENTS OF ANY RIGHT-OF-WAY SPECIAL USE PERMIT, OR OTHER PERMIT. ALL WORK SHALL MEET CURRENT OSHA REQUIREMENTS.
- 5. WHERE WORK IS PERFORMED ON EASEMENTS, THE CONTRACTOR SHALL TAKE EVERY PRECAUTION TO ELIMINATE ANY ADVERSE EFFECTS ON THE ADJACENT PROPERTY AND/OR TO RESTORE IT TO ITS ORIGINAL CONDITION.
- 6. ALL DISTANCES AND DATA SHALL BE CHECKED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. IN CASE OF CONFLICT THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY SO THAT CLARIFICATION MAY BE MADE PRIOR TO THE START OF THE WORK.
- 7. THE CONTRACTOR SHALL ARRANGE FOR, SECURE AND PAY FOR DIRECTLY, ANY AND ALL TEMPORARY UTILITY SUPPLIES (E.G. WATER POWER, AND TELEPHONE) IT MAY REQUIRE FOR PROSECUTION OF ITS WORK. THE COST OF SUCH UTILITIES SHALL BE INCLUDED IN THE APPROPRIATE BID ITEM WITH WHICH IT IS ASSOCIATED.
- 8. SHOULD CONSTRUCTION BE HALTED BECAUSE OF INCLEMENT WEATHER CONDITIONS, THE CONTRACTOR WILL COMPLETELY CLEAN UP ALL AREAS AND MAINTAIN THE SURFACE IN GOOD CONDITION DURING THE SHUT-DOWN PERIOD.
- THE CONTRACTOR'S PERSONNEL, EQUIPMENT, AND OPERATIONS SHALL COMPLY FULLY WITH ALL APPLICABLE STANDARDS, REGULATIONS, AND REQUIREMENTS OF EXISTING FEDERAL, UTAH STATE, AND LOCAL GOVERNMENTAL AGENCIES.
- 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL LOCAL STATE, AND FEDERAL PERMITS REQUIRED FOR STORMWATER POLLUTION PREVENTION AS A RESULT OF CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL PREPARE A STORMWATER POLLUTION PREVENTION PLAN FOR APPROVAL BY THE ENGINEER. IF THE CONSTRUCTION WILL DISTURB MORE THAN ONE ACRE, THE CONTRACTOR SHALL OBTAIN A COPY OF THE U.S. ENVIRONMENTAL PROTECTION AGENCY'S NPDES GENERAL PERMIT FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY (OTHERWISE KNOWN AS THE CONSTRUCTION GENERAL PERMIT OR CGP) AND SUBMIT A "NOTICE OF INTENT" (NOI)[EPA FORM 3510-9 (6/03)] FOR PERMIT COVERAGE UNDER THE GENERAL PERMIT. THE CGP MAY BE FOUND ON THE INTERNET AT <HTTP://WWW.EPA.GOV/NPDES/STORMWATER/CGP> OR BY CONTACTING THE U.S. EPA OFFICE OF WATER DIRECTLY AT (800) 424-4372. THE NOI MAY BE FILED ELECTRONICALLY AT THE FOLLOWING WEBSITE: <HTTP://CFPUB.EPA.GOV/NPDES/STORMWATER/ENOI.CFM>. THE CGP DOES NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH OTHER REGULATIONS OR CONTRACT REQUIREMENTS REGARDING STORMWATER POLLUTION PREVENTION INCLUDING BUT NOT LIMITED TO: PROTECTION OF SURFACE WATERS, PREVENTION OF SOIL RUNOFF INTO DRAINS, DUST CONTROL, PREVENTION OF TRACKING SOILS TO ADJACENT STREETS, FUEL CONTAINMENT, SPILL CONTROL, ETC.
- 11. ALL WORK SHALL BE CONTAINED IN OR LIMITED TO THE CITY'S PROPERTY, EASEMENTS, OR APPROVED STAGING AREAS.
- 12. SLOPE ON ALL FOOTING DRAINS TO BE MINIMUM OF 0.5%.
- 13. THE GEOTECHNICAL EVALUATION FOR THIS PROJECT IS FOUND IN THE PROJECT SPECIFICATIONS. RECOMMENDATIONS FROM THE REPORT SHALL BE FOLLOWED. IN THE EVENT OF A CONFLICT WITH THE PROJECT SPECIFICATIONS, THE ENGINEER AND THE GEOTECHNICAL ENGINEER WILL APPROVE THE PROPER COURSE OF ACTION. REFER TO GEOTECHNICAL REPORT FOR SUBSURFACE SOILS INFORMATION.
- 14. CONTRACTOR TO PROVIDE, CONSTRUCT, MAINTAIN AND REMOVE A TEMPORARY FENCE AROUND THE CONSTRUCTION SITE USED TO PROTECT NEIGHBORING PROPERTIES FROM DAMAGE. CONTRACTOR IS ALSO RESPONSIBLE TO PROTECTION TO SAFE GUARD WORK SITE. PAY ITEM TO BE INCLUDED IN MOBILIZATION.
- 15. THE ENGINEER WILL PROVIDE VERTICAL AND HORIZONTAL CONTROLS ONE TIME ON THE PROJECT SITE. ANY ADDITIONAL CONSTRUCTION STAKING REQUIRED TO COMPLETE THE PROJECT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

- 16. CONTRACTOR SHALL LOCATE AND PROTECT ALL EXISTING UTILITIES AND BE RESPONSIBLE FOR DAMAGES TO EXISTING UTILITIES AND EXISTING IMPROVEMENTS AS A RESULT OF THE CONTRACTOR'S CONSTRUCTION ACTIVITIES.
- 17. DURING CONSTRUCTION, ALL OPEN ENDS OF ALL PIPE LINES AND TANK ACCESSES SHALL BE COVERED AND SEALED AT THE END OF THE WORK
- 21. INTERIOR SURFACES OR COATINGS SHALL CONSIST OF PRODUCTS WHICH ARE CERTIFIED BY LABORATORIES APPROVED BY ANSI AND WHICH COMPLY WITH ANSI/NSF STANDARD 61. THIS REQUIREMENT APPLIES TO ANY PIPES AND FITTINGS, PROTECTIVE MATERIALS (E.G. PAINTS, COATINGS, CONCRETE ADMIXTURES, CONCRETE RELEASE AGENTS, CONCRETE SEALERS), JOINING AND SEALING MATERIALS (E.G. ADHESIVES, CAULKS, GASKETS, PRIMERS, AND SEALANTS) AND MECHANICAL DEVICES (E.G. ELECTRICAL WIRE, SWITCHES, SENSORS, VALVES) WHICH ARE LOCATED AS TO COME IN CONTACT WITH THE DRINKING WATER.
- 22. THE MINIMUM COVER FOR ALL WATER LINES SHALL BE 5' UNLESS OTHERWISE SPECIFIED ON THE DRAWINGS.
- 23. ALL WORK SHALL BE IN CONFORMANCE WITH THE LATEST BEAR RIVER WATER CONSERVANCY DISTRIC (BRWCD) SPECIFICATIONS AND WITH THE CURRENT EDITION OF THE UTAH CHAPTER APWA MANUAL OF STANDARD SPECIFICATIONS. IN THE CASE OF CONFLICT, BRWCD STANDARDS SHALL APPLY, OR CONSULT WITH THE ENGINEER.
- 24. ANY WATER ENTERING WELL DURING CONSTRUCTION SHALL NOT BE CONTAMINATED AND SHOULD BE OBAINED FROM A CHLORINATED MUNICIPAL SYSTEM. IF NOT FEASIBLE, CONTRACTOR TO COORDINATE WITH ENGINEER TO ENSURE WATER IS TREATED TO PRODUCE 100 MG/L FREE CHLORINE PER UTAH STATE CODE R655-4-11.6.5.

EXISTING UTILITIES

1. APPROXIMATE LOCATIONS OF UTILITIES ARE SHOWN ON THE PLANS. THEY ARE TO BE USED FOR GENERAL INFORMATION ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE APPROPRIATE UTILITY COMPANIES WHEN CONSTRUCTION MIGHT INTERFERE WITH NORMAL OPERATION OF ANY UTILITIES. IT SHALL ALSO BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE THE APPROPRIATE UTILITY COMPANY FIELD-LOCATE ANY UTILITY INSTALLATIONS WHICH MIGHT BE AFFECTED BY CONSTRUCTION PRIOR TO BEGINNING WORK IN THAT AREA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING SERVICE OF EXISTING UTILITIES AND FOR RESTORING ANY UTILITIES DAMAGED DUE TO CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER. DEPTHS AND ELEVATIONS OF UTILITIES ARE UNKNOWN UNLESS OTHERWISE SHOWN. CONTRACTOR SHALL FIELD VERIFY UTILITY DEPTHS, ELEVATIONS, ANY DISCREPANCIES AND/OR CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.

INSPECTION AND TESTING

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MATERIALS TESTING INCLUDING BUT NOT LIMITED TO CONCRETE, FLUSHING, DISINFECTION, LEAK, PRESSURE, BACTERIOLOGICAL, AND COMPACTION. ALL TESTS SHALL MEET MINIMUM ENGINEER REQUIREMENTS. SEE THE CONTRACT DOCUMENTS AND DRAWINGS FOR FREQUENCY OF TESTING. RESULTS ARE TO BE DELIVERED TO SPECIAL INSPECTOR, OWNER AND ENGINEER.
- 2. THE CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH ENGINEER AND SPECIAL INSPECTOR FOR INSPECTIONS OF WORK AT APPROPRIATE INTERVALS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PAY FOR ADDITIONAL INSPECTIONS THAT ARE THE RESULT OF HIS WORKMANSHIP.

CONTACT PHONE NUMBERS

BEAR RIVER WATER CONSERVANCY DISTRICT

CHANCE BAXTER 435-720-3305 m GENERAL MANAGER

ENGINEER

MARCUS SIMONS P.E.

CHRIS SLATER, P.E.

J-U-B OFFICE

435-713-9514 0 435-760-6968 m 435-713-9514 o

SKM ENGINEERING RYAN PACK, P.E.

801-877-0011 o ryan.pack@skmeng.com e

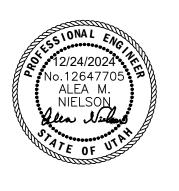


CALL 2 BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES



J-U-B ENGINEERS, INC 1047 South 100 West Suite 180 Logan, UT 84321

BID SET



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DESIGN BY: AMN

CHECKED BY: MS

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