

**Smithfield City**  
**Central Park Production Well Pump and Motor Procurement**

**ADDENDUM NO. 1**

Date: March 16, 2022

Included in this Addendum No. 1 are the following items:

- Invitation to Bid
- EJCDC P-400 Bid Form for Procurement Contract
- Technical Specifications – 01 22 00 Measurement and Payment
- Technical Specifications – 33 12 20 Water Utility Distribution Pumps
- Approved coating equal
- Sheet 1 modifications

**Invitation to Bid**

Update bid opening date to Thursday, March 24, 2022. Bids must be received by 5:00 pm on that day to be considered.

**EJCDC P-400 Bid Form**

Replace the Bid Form (page 2 of 6) with the attached sheet.

**Technical Specifications – 01 22 00 Measurement and Payment**

Replace paragraph 1.1.D with the following:

“Furnish and install pressure transducer column.”

Replace paragraph 1.1.F with the following:

“Install pump, discharge head and motor.”

Replace paragraph 1.6 with the following:

“Furnish and install pressure sounding tube column for transducer.”

Transducer will be provided by others.

Replace paragraph 1.7 with the following:

“Install pump, discharge head and motor.”

Also remove reference to “pressure transducer column” in paragraph A of this section. Pressure transducer column will be paid for under Item 1.6.

**Technical Specifications – 33 12 20 Water Utility Distribution Pumps**

Modify paragraph 1.6.A: Two (2) year warranty period will begin from the date of delivery to owner instead of “date of final pay request.”

Replace table in paragraph 1.7.B with the following:

Primary Duty Point or Guarantee Point	Deep Well Pump
Design flow capacity, gpm	2600
Total Dynamic Head (TDH), ft	363
<u>Design Point Requirement</u>	<u>Right of BEP</u>
Minimum shut off head, ft	565
Maximum NPSH (absolute) required at design point, ft	40
Minimum pump efficiency	80
Maximum nominal pump speed, rpm	1,800
Number of pump stages	4 - 6
<u>Required</u> motor size, BHP	350

Replace table in paragraph 1.7.C with the following:

Approximate Setting Depth (from flange of discharge head to end of column <u>pipe</u> )	<u>340'</u>
Minimum column diameter	12" Threaded
Min. wall thickness of steel column pipe	0.37"
Discharge flange size	12"
Discharge flange rating ANSI	150#
Minimum line shaft diameter	<u>1.9375"</u>
Maximum bowl diameter	14"

Modify paragraph 2.1.A.2.e by removing the last sentence:

"The soleplate shall be epoxy coated Tnemec 141, NSF 61 approved epoxy coating to a minimum 16 mils or approved equal."

The soleplate will not be required to be coated.

Replace paragraph 2.1.A.2.j with the following:

"Discharge head shall be provided with one (1) 1" diameter NPT port with provisions to attach sounder tube and three (3) 1-1/2" NPT ports."

Replace paragraph 2.1.A.4.a with the following:

"Shall be of ASTM A582 Type 416 stainless steel ground and polished to a surface finish not to exceed RMS 40 (ANSI B46.1)."

Remove paragraph 2.1.A.5.b. – No coating will be required on the Discharge Column Pipe.

Modify paragraph 2.1.B.5. by updating the last sentence:

"Required size for this application is 350 hP."

Remove paragraph 3.3.E.

### **Approved Coating Equal**

The 3M Scotchkote Fusion-Bonded Epoxy Coating 6233W has been approved as an equal to the Tnemec product described in paragraph 2.1.A.2.e. Application thickness of 16 mils still must be met.

**Sheet 1**

Replace original Sheet 1 with revised Sheet 1 attached. The following modifications were made:

- Column depth dimension has been changed.

The bid opening date is changed by this addendum. The bid opening will occur on **Thursday March 24, 2022** at Smithfield City Offices, 96 S. Main, Smithfield, Utah 84335 **at 5:00 p.m.**

BIDDERS will acknowledge receipt of this ADDENDUM in the space provided on the BID FORM AND BIDDER'S PROPOSAL.

**END OF ADDENDUM**

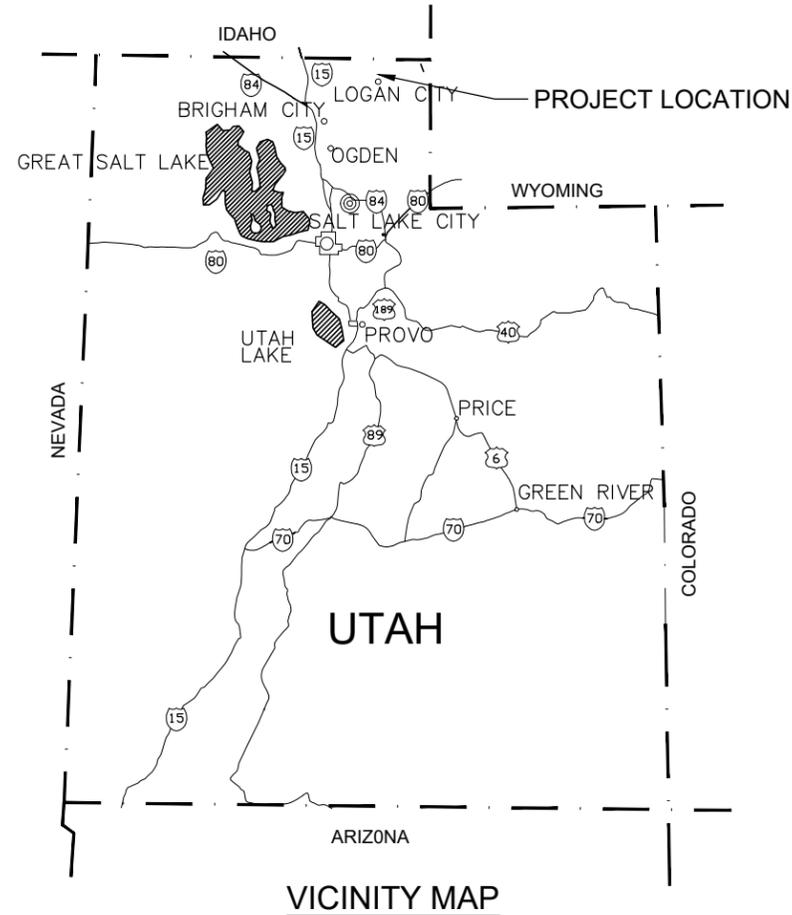
SMITHFIELD CITY - CENTRAL PARK WELL PUMP AND MOTOR				
No.	Item	Qty.	Unit	Unit Price
1.	Furnish vertical turbine pump	1	LS	\$
2.	Furnish 350 hp, inverter duty, premium efficient, WP-1 motor	1	LS	\$
3.	Furnish fabricated discharge head	1	LS	\$
4.	Furnish and install pressure transducer column	1	LS	\$
5.	Install pump, discharge head and motor*	1	LS	\$
6.	Startup services and demonstration*	1	LS	\$
	Note: * Item #5 and #6 will be executed upon completion of the pump building (estimated June 2023)			
	TOTAL BID PRICE (1-6)			
	TOTAL BID PRICE IN WORDS			
	Number of weeks from submittal approval to delivery at job site, estimated (standard lead time). See Article 3.01 below.			

**ARTICLE 3—TIME OF COMPLETION**

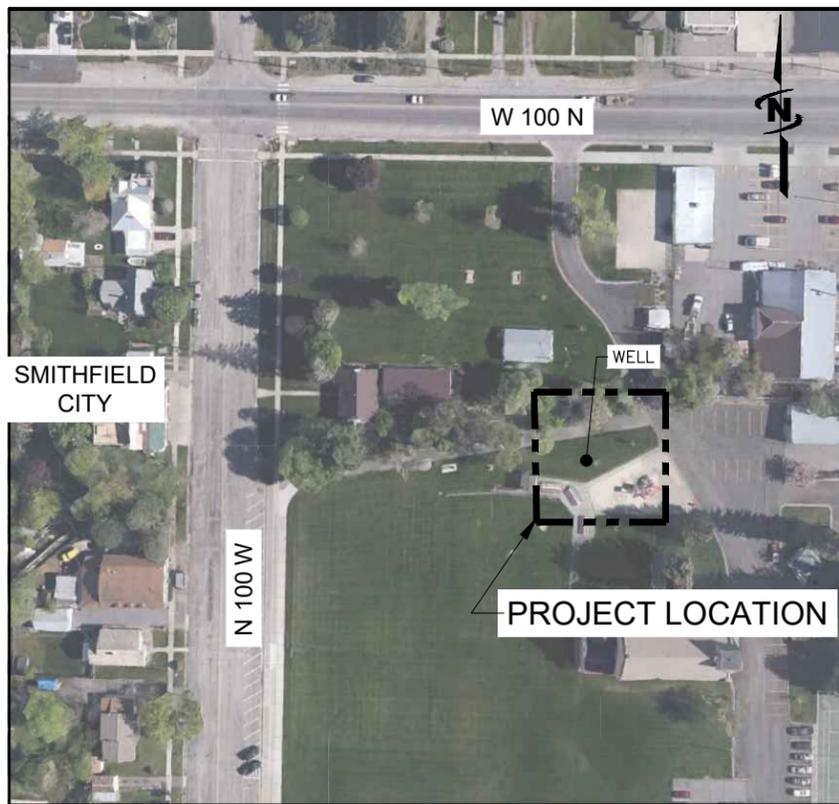
3.01 Bidder agrees that the furnishing of Goods and Special Services will conform to the schedule of Procurement Contract Times set forth in Article 5 of the Procurement Agreement.

Bidders Proposed Lead Time/Delivery Date for Bid Item Nos. 1, 2 and 3: \_\_\_\_\_

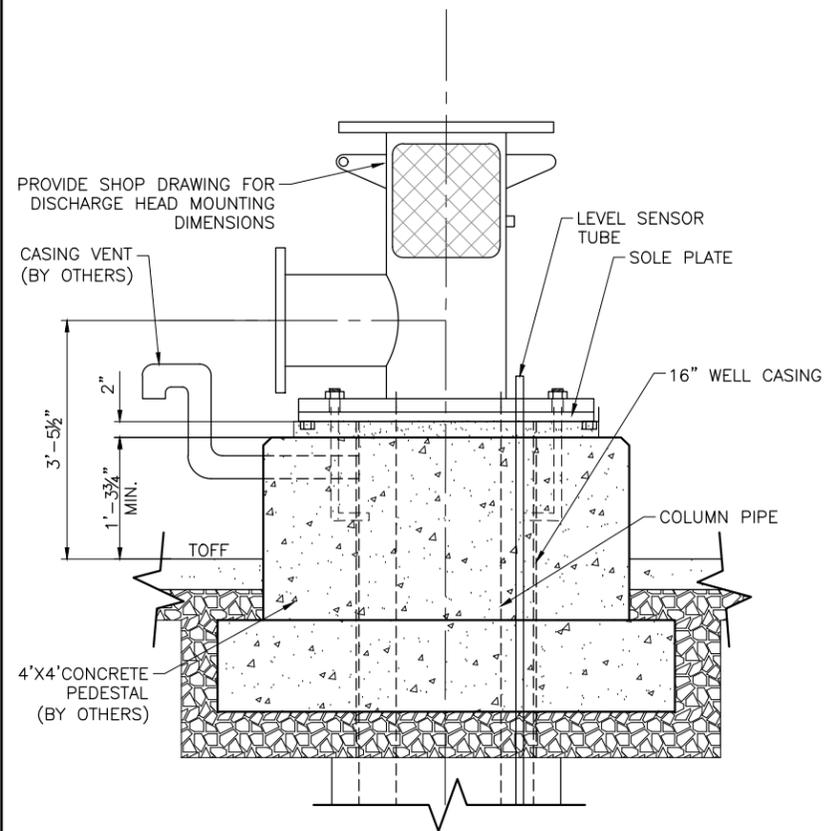
3.02 Bidder accepts the provisions of the Procurement Agreement as to liquidated damages.



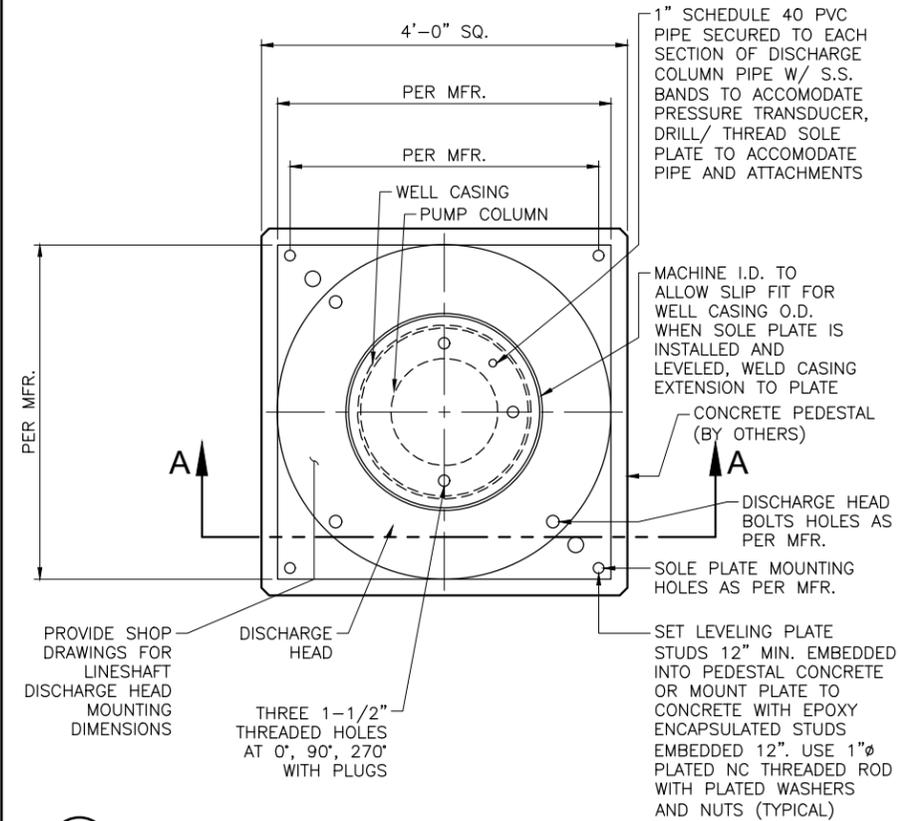
VICINITY MAP



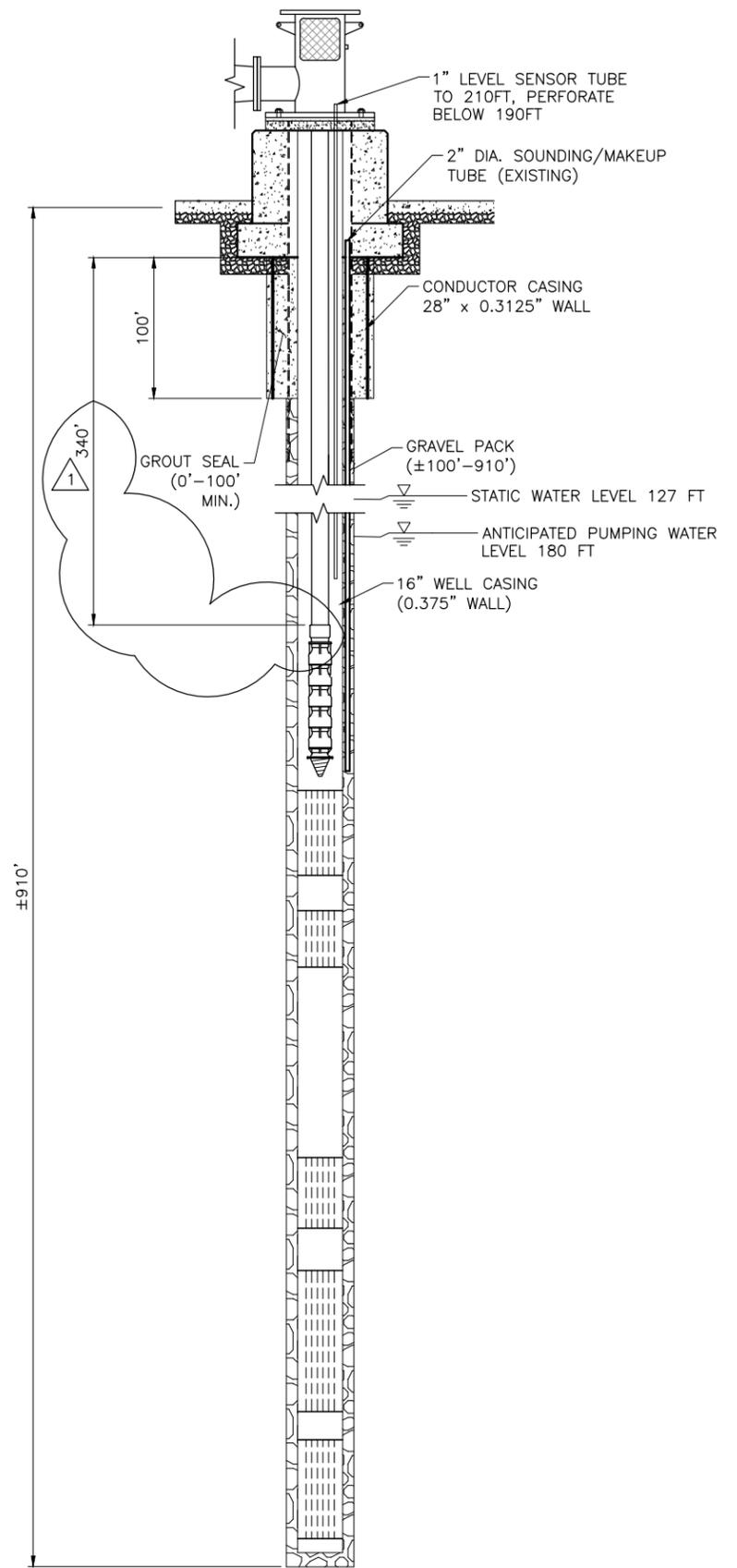
LOCATION MAP



D3 SECTION B-B  
SCALE: N.T.S.



B1 WELL DISCHARGE HEAD STEEL LEVELING PLATE  
SCALE: N.T.S.



1 WELL SECTION  
SCALE: N.T.S.



J-U-B ENGINEERS, INC.

J-U-B ENGINEERS, INC.  
1047 South 100 West,  
Suite 180  
Logan, UT 84321  
Phone: 435.713.9514  
www.jub.com

PRELIMINARY  
PLANS

NOT FOR  
CONSTRUCTION

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NO.	REVISION	DATE	BY	DATE
1	PUMP DEPTH	3/16/22		

SMITHFIELD CENTRAL PARK WELL  
SMITHFIELD CITY

PUMP AND MOTOR PROCUREMENT

FILE: 57-21-030\_WELLD0C  
JUB PROJ. #: 57-21-030  
DRAWN BY: JAJ  
DESIGN BY: ###  
CHECKED BY: ###  
AT FULL SIZE, IF NOT ONE  
INCH SCALE ACCORDINGLY  
LAST UPDATED: 3/16/2022  
SHEET NUMBER: