ADDENDUM NO. 1 to
Jordan Valley Water Conservation District
3145 West 11400 South Pump Station Improvements
Project # 4373
May 20, 2026

The following ADDENDUM (two pages of text and two drawings) shall be made part of the contract documents for the above project to be considered by each bidder. This addendum shall be included in the bid, and when closing the contract, will be a part thereof. The bidder shall acknowledge receipt thereof on page C-1 of the BID.

CONTRACTOR QUESTIONS

Q1. On page E-1, keynote 3 states that the existing 450kC Mil wire can be reused. 450kC Mil is not a standard wire size for a 200HP motor. What is the wire size that is required by the District for the pumps (350, 400, or 500 kC Mil)?

A1. JVWCD's preference is to reuse the existing conductor which is 350 kC Mil (typo in original, see drawing update). If additional length of wire is required during construction a change order will be provided.

Q2. Specification Section 26 29 23, 2.04 B: "Rectifier: Three-phase 18-pulse rectifier, or active front end drive, to provide constant dc voltage to drive's dc bus." Would contractor be able to provide a passive harmonic filter with cutout contactors to guarantee performance that meets or exceeds the 18-pulse configuration? IEEE 519 requirements will still be met and ensure that power factor is never leading.

A2. An adaptive passive harmonic filter with cutout contactors would be considered an acceptable deviation under the following criteria:

1. Guarantees performance of a drive that meets or exceeds that of an 18-pulse configuration.
2. Meets IEEE-519 requirements, including THDi always being below 8%, corroborated by a system impedance study and harmonic analyses at 50% speed and 100% speed during commissioning and testing.
3. Provides a lagging power factor on both utility and generator power, and does not risk resonance or overvoltage.
4. Consistently ensures low resonance risk, verified by a manufacturer certificate.
5. Incorporates correctly-sized fuse/circuit breaker, inrush limiting and damping resistor.
6. Comes with manufacturer-conducted, owner-observed periodic inspection with THD retest after major system modifications for a period of 2-years following the installation of the drive.

Q3. Note 2 on sheet 7 calls for all piping to be epoxy lined and coated and per callouts 2, 5, and 6 on the same page, this would apply to the stainless piping on the air releases and pressure instruments. Is this correct? This is not something we've seen done on this small

of threaded stainless pipe. Also, for the small diameter stainless pipe, what grade are you looking for (i.e. 304, 316)?

A3. Stainless steel piping does not require epoxy lining or coating. For piping, fittings, bushings, and ball valves, 2-inch diameter or less, material shall be type 304 stainless steel.

Q4. Is there an unlocked version of the bidding documents available.

A4. Sections C through E of the bid documents are available from the Project Webpage in PDF Format. There are No changes in the documents. The District is providing them in a format that can be edited for bidder's convenience.

BIDDING REQUIREMENTS

1. Notice Inviting Bids, Page A-1. In Receipt of Bids DELETE "3:00 PM on Thursday, May 21, 2026" and REPLACE with "**3:00 PM on Wednesday, May 27, 2026**".

SPECIFICATIONS

1. Update Division 44 title in Table of Contents. REPLACE "WAST" with "WASTE".

2. Update the Title of spec section 44 42 56.10 to read "Horizontal Split-Case Centrifugal Pumps" throughout all the specifications.

3. Section 26 29 23 Low-Voltage Adjustable Frequency Drive System. DELETE Paragraph 2.01.A and REPLACE with the following:
    A. Components and accessories specified in this section shall be products of:
        1. ABB
        2. Mitsubishi
        2. Schneider Electric.

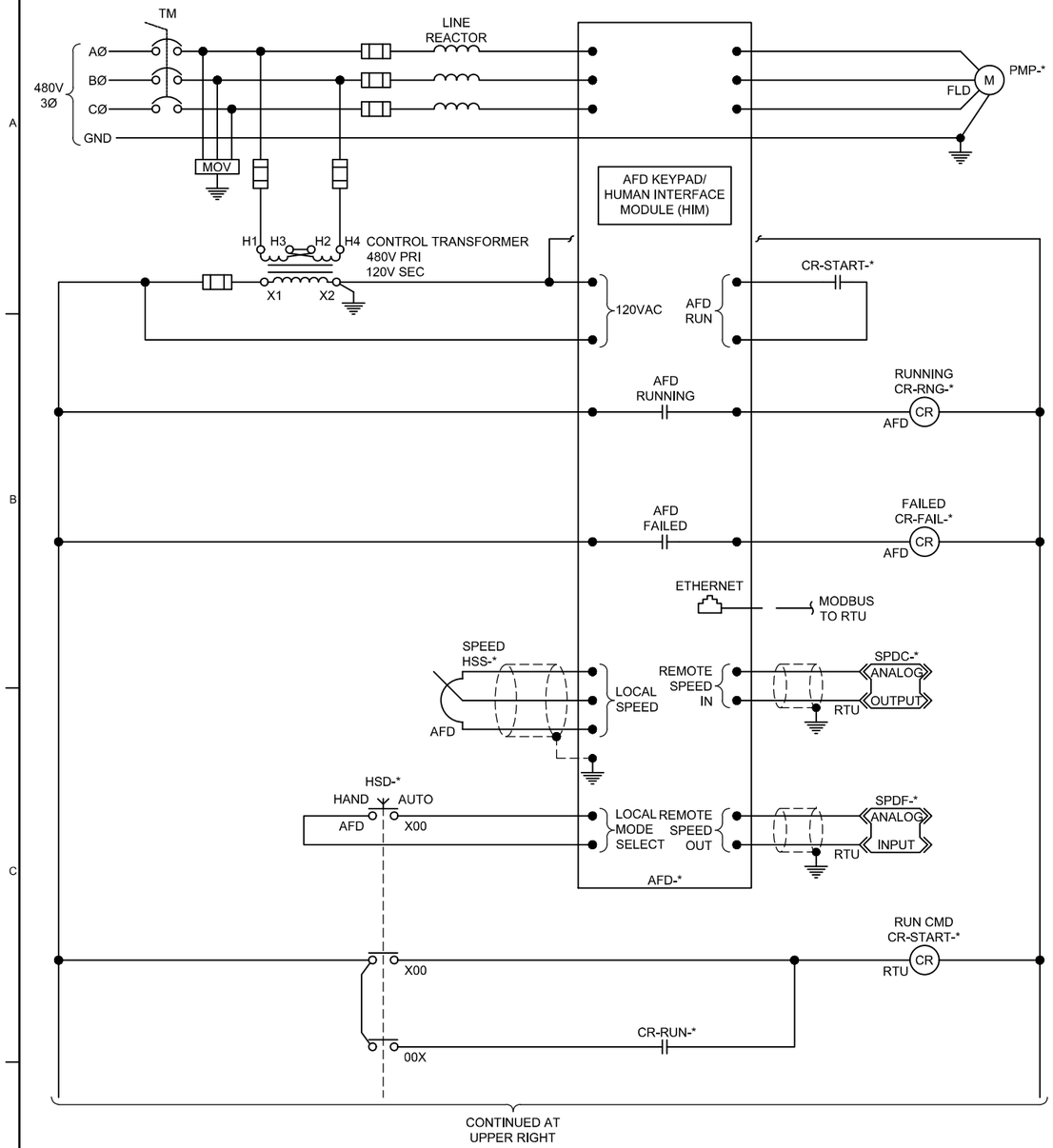
DRAWINGS – The drawing updates listed below will be reflected in the conformed drawing package which will be published after the bid is awarded.

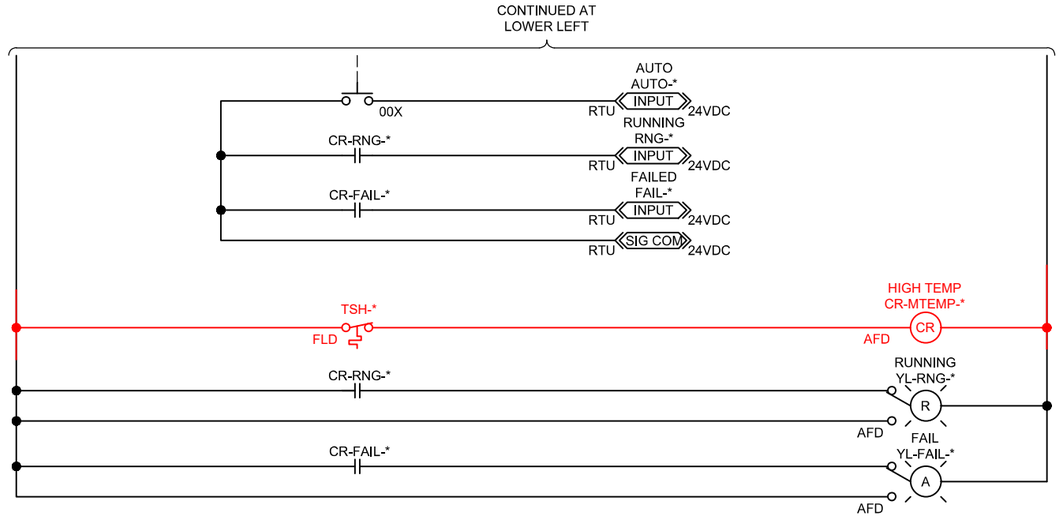
4. Drawing E-1 Note 3. REPLACE "450 KCMIL" with "350 KCMIL".

5. Drawing E-3. Update drawing with redline markups as shown in attachment.

6. Drawing IC-1. Update drawing with redline markups as shown in attachment.

7. Drawing SD-4, Detail 4090-692, Combination Air Vale Callout. REPLACE "VEN-O-MAT, RBX SERIES OR APPROVED EQUAL" with "VEN-O-MAT, RBX SERIES 050-RBXB-25-21-S4 WITH THREADED T-OUTLET".





V1 MOTOR CONTROL DIAGRAM

NTS

NOTES:

1. MOTOR CONTROL DIAGRAMS SHOW THE INTENDED FUNCTION OF THE EQUIPMENT. MANUFACTURER SHALL REVIEW AND DEVELOP MOTOR CONTROLS FOR THE EQUIPMENT SUPPLIED THAT PROVIDE THE IDENTIFIED FUNCTION. ADDITIONAL COMPONENTS MAY BE REQUIRED THAT ARE NOT REFLECTED IN THIS DIAGRAM. PROVIDE 4-20MA FOR CONTROL.
2. PROVIDE TERMINAL BLOCKS FOR FIELD WIRING.

LICENSED PROFESSIONAL ENGINEER
No. 10416430-2202
JONATHAN JAMES
STATE OF UTAH
DIGITALLY SIGNED:
04/26/2026

NO.	DATE	DR	REVISION	CHK	BY	APVD
DSGN	H IDREES	C HOGGARD		H IDREES	J JAMES	

JORDAN VALLEY WATER CONSERVANCY DISTRICT
3145 WEST 11400 SOUTH PUMP STATION IMPROVEMENTS

Jacobs

ELECTRICAL

MOTOR CONTROL DIAGRAM

VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING.
0 1"

DATE	APRIL 2026
PROJ	W7Y49600
DWG	E-3
SHEET	12 of 17

100% DESIGN

DISTRICT COMPUTER

MODBUS VIA RADIO MODEM

RTU

SUCTION

DISCHARGE

INRUSION

FLOOD

MODBUS

AFD

POWER ANALYZER

SPEED

FROM NORTH TO SOUTH

FROM SOUTH TO NORTH

120V

AVRV – 107

AVRV – 106

PCV – 101

AVRV – 101

AVRV – 102

AVRV – 103

AVRV – 104

P-101

P-102

P-103

P-104

AS

PCV 112

24"x30"

NO.	DATE	DR	REVISION	CHK	APVD	BY
DSGN	H IDREES	H IDREES	C HOGGARD	H IDREES	APVD	J JAMES

JORDAN VALLEY WATER CONSERVANCY DISTRICT

3145 WEST 11400 SOUTH PUMP STATION IMPROVEMENTS

Jacobs

INSTRUMENTATION AND CONTROLS

P&ID

100% DESIGN

VERIFY SCALE

BAR IS ONE INCH ON ORIGINAL DRAWING. 0 1"

DATE	APRIL 2026
PROJ	W7Y49600
DWG	IC-1
SHEET	13 of 17

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FILENAME: 114PS-IC-01_W7Y49600.dwg PLOT DATE: 24-Apr-2026 PLOT TIME: 3:04 PM