SUNSHINE COAST REGIONAL DISTRICT

AMENDMENT NO.#2

Request for Proposal No. 2537007

Well Redevelopment for Chaster Well Improvements (Phase 2)

Date: April 17, 2025

This addendum forms part of the contract documents and shall be read, interpreted, and coordinated with all other parts. The costs of all work contained herein shall be included in the tender submission. The following revisions, clarifications, changes, additions, or deletions supersede the information contained in the original documents to the extent referenced and shall become part thereof:

Number of pages including attachments: #16

Item No.1 Closing Date and Time

The closing date and time has been changed from "April 23, 2025 at 3:00 pm local time" to "May 7, 2025 at 3:00 pm local time."

Item No.2 Appendix 1 Specifications - Division 30 Earthwork Section 310000 Earthwork and Erosion Control and Clay Seal 3.4 Field Quality Control Item 2. Protection

Add:

"c) Topsoil, rake, and hydroseed disturbed areas and the Contractor is to ensure seed geminates into a mature and healthy turf of grass."

Item No.3 Appendix 1 Specifications- Division 40 Process Interconnections Section 400567 Electronic –Control Valve and Valve Controller, 3.1 Function, Item 3.

Delete:

"3. The Control Valve shall be equipped with inlet and outlet valve-mounted pressure transmitters, and a valve-mounted position transmitter."

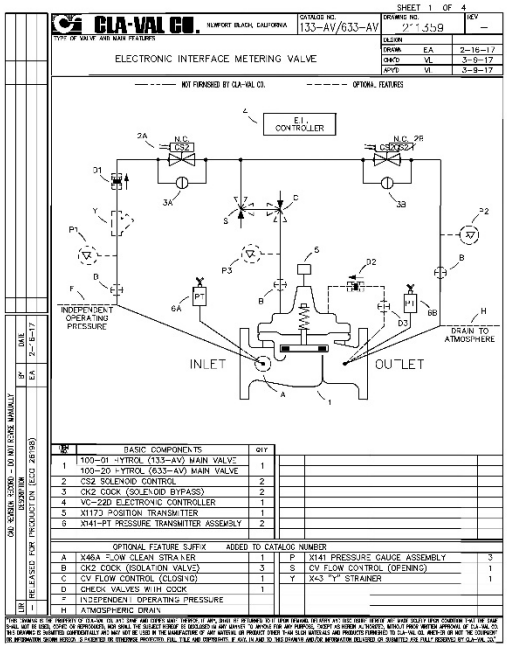
Add / replace with

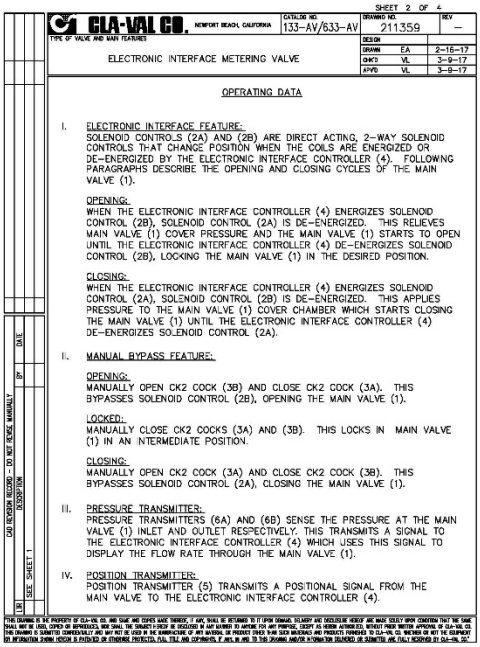
"3. The Control Valve shall be equipped with inlet and outlet valve-mounted pressure transmitters, and a valve-mounted position transmitter. The outlet valve mounted pressure transmitter will monitor and adjust its flow control volume by the tank height levels inside the Reed Road Reservoir. The flow control valve will also operate on the inlet system pressure values."

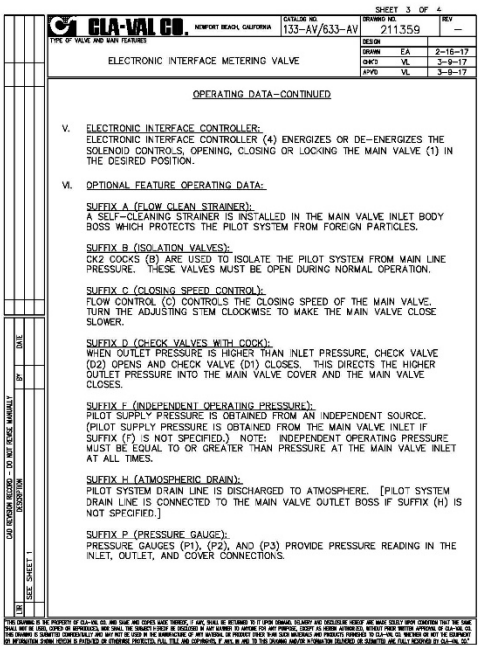
Item 4. Appendix 1 Specifications- Division 40 Process Interconnections Section 400567 Electronic –Control Valve and Valve Controller Item 3.0 Electrical Flow Control, 3.4 Manufacturer, 4. Pilot control System

Add new item:

"b) Figures:







SHEET 3 OF 4

CLA-VAL CO. NEWPORT BEACH, CALIFORNIA

CATALOG NO. 133-AV/633-AV | DRAWING NO. 211359 | REV –

TYPE OF VALVE AND MAIN FEATURES

ELECTRONIC INTERFACE METERING VALVE

DESIGN		
DRAWN	EA	2-16-17
CHK'D	VL	3-9-17
APV'D	VL	3-9-17

OPERATING DATA–CONTINUED

V. ELECTRONIC INTERFACE CONTROLLER:
ELECTRONIC INTERFACE CONTROLLER (4) ENERGIZES OR DE–ENERGIZES THE SOLENOID CONTROLS, OPENING, CLOSING OR LOCKING THE MAIN VALVE (1) IN THE DESIRED POSITION.

VI. OPTIONAL FEATURE OPERATING DATA:

SUFFIX A (FLOW CLEAN STRAINER):
A SELF–CLEANING STRAINER IS INSTALLED IN THE MAIN VALVE INLET BODY BOSS WHICH PROTECTS THE PILOT SYSTEM FROM FOREIGN PARTICLES.

SUFFIX B (ISOLATION VALVES):
CK2 COCKS (B) ARE USED TO ISOLATE THE PILOT SYSTEM FROM MAIN LINE PRESSURE. THESE VALVES MUST BE OPEN DURING NORMAL OPERATION.

SUFFIX C (CLOSING SPEED CONTROL):
FLOW CONTROL (C) CONTROLS THE CLOSING SPEED OF THE MAIN VALVE. TURN THE ADJUSTING STEM CLOCKWISE TO MAKE THE MAIN VALVE CLOSE SLOWER.

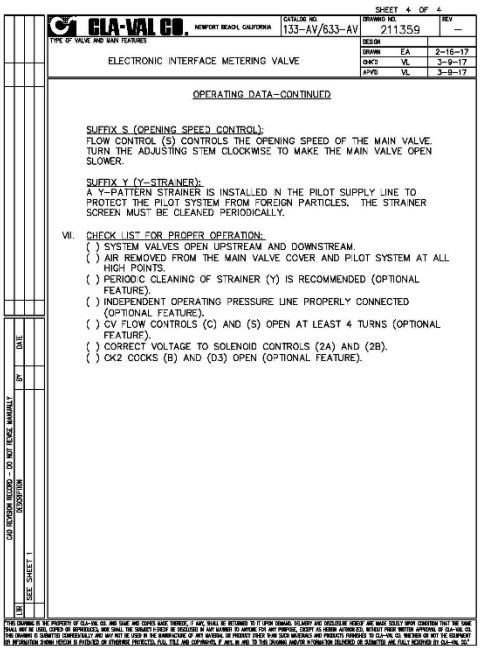
SUFFIX D (CHECK VALVES WITH COCK):
WHEN OUTLET PRESSURE IS HIGHER THAN INLET PRESSURE, CHECK VALVE (D2) OPENS AND CHECK VALVE (D1) CLOSES. THIS DIRECTS THE HIGHER OUTLET PRESSURE INTO THE MAIN VALVE COVER AND THE MAIN VALVE CLOSES.

SUFFIX F (INDEPENDENT OPERATING PRESSURE):
PILOT SUPPLY PRESSURE IS OBTAINED FROM AN INDEPENDENT SOURCE. (PILOT SUPPLY PRESSURE IS OBTAINED FROM THE MAIN VALVE INLET IF SUFFIX (F) IS NOT SPECIFIED.) NOTE: INDEPENDENT OPERATING PRESSURE MUST BE EQUAL TO OR GREATER THAN PRESSURE AT THE MAIN VALVE INLET AT ALL TIMES.

SUFFIX H (ATMOSPHERIC DRAIN):
PILOT SYSTEM DRAIN LINE IS DISCHARGED TO ATMOSPHERE. [PILOT SYSTEM DRAIN LINE IS CONNECTED TO THE MAIN VALVE OUTLET BOSS IF SUFFIX (H) IS NOT SPECIFIED.]

SUFFIX P (PRESSURE GAUGE):
PRESSURE GAUGES (P1), (P2), AND (P3) PROVIDE PRESSURE READING IN THE INLET, OUTLET, AND COVER CONNECTIONS.

CAD REVISION RECORD – DO NOT MODIFY MANUALLY
DESCRIPTION | BY | DATE
SEE SHEET 1



SHEET 4 OF 4

CLA-VAL CO. NEWPORT BEACH, CALIFORNIA

CATALOG NO. 133-AV/633-AV | DRAWING NO. 211359 | REV –

TYPE OF VALVE AND MAIN FEATURES

ELECTRONIC INTERFACE METERING VALVE

DESIGN		
DRAWN	EA	2-16-17
CHK'D	VL	3-9-17
APV'D	VL	3-9-17

OPERATING DATA–CONTINUED

SUFFIX S (OPENING SPEED CONTROL):
FLOW CONTROL (S) CONTROLS THE OPENING SPEED OF THE MAIN VALVE. TURN THE ADJUSTING STEM CLOCKWISE TO MAKE THE MAIN VALVE OPEN SLOWER.

SUFFIX Y (Y–STRAINER):
A Y–PATTERN STRAINER IS INSTALLED IN THE PILOT SUPPLY LINE TO PROTECT THE PILOT SYSTEM FROM FOREIGN PARTICLES. THE STRAINER SCREEN MUST BE CLEANED PERIODICALLY.

VII. CHECK LIST FOR PROPER OPERATION:
( ) SYSTEM VALVES OPEN UPSTREAM AND DOWNSTREAM.
( ) AIR REMOVED FROM THE MAIN VALVE COVER AND PILOT SYSTEM AT ALL HIGH POINTS.
( ) PERIODIC CLEANING OF STRAINER (Y) IS RECOMMENDED (OPTIONAL FEATURE).
( ) INDEPENDENT OPERATING PRESSURE LINE PROPERLY CONNECTED (OPTIONAL FEATURE).
( ) CV FLOW CONTROLS (C) AND (S) OPEN AT LEAST 4 TURNS (OPTIONAL FEATURE).
( ) CORRECT VOLTAGE TO SOLENOID CONTROLS (2A) AND (2B).
( ) CK2 COCKS (B) AND (D3) OPEN (OPTIONAL FEATURE).

CAD REVISION RECORD – DO NOT MODIFY MANUALLY
DESCRIPTION | BY | DATE
SEE SHEET 1

Item 5 Appendix 2

Delete existing drawings

Replace with updated drawings.

Amendment No.1 is issued prior to receipt of submission and shall form part of the contract documents. The revisions shall clarify the information contained in the original Proposal documents issued on March 14, 2025