

City of Alamo
Water Treatment Plant Claricone Rehabilitation and Protective Coating Phase 1B
RFB# 2025-10-25

ADDENDUM 1
November 14, 2025

To Respondent of Record:

This addendum, applicable to work referenced above, is an amendment to the bid proposal, plans and specifications and as such will be a part of and included in the Contract Documents. Acknowledge receipt of this addendum by entering the Addendum number and issue date on the space provided in submitted copies of the Respondent Questionnaire.

RESPONSES TO QUESTIONS

1. Is there a construction cost estimate, or budget associated with the Water Treatment Plant Claricone Rehabilitation and Protective Coating Phase 1B Project?

Response:

Engineer's Opinion of Probable Cost (OPCC) is \$796,000.00

2. What is the specific size and model number of these clarifiers?

Response:

Existing Clarifiers were manufactured by CB&I. Please refer to the attached cost proposal by Newman Regency Group, dated November 3, 2025.

3. Do you have part or assembly numbers for the parts and assemblies that are required to be replaced?

Response:

Please refer to the attached cost proposal by Newman Regency Group, dated November 3, 2025.

4. Can a dustless blasting system be used, i.e. water abrasive? The spec calls for dry blast. For environmental and safety reasons can another method of sand blasting be used?

Response:

Dustless blasting is not permitted. All surface preparation and coating work shall comply with Section 09 90 81 – Painting and Protective Coating, as specified in the contract documents.

5. Section 01 65 00 mentions an OSG system along with the metering pumps, brine and sodium hypochlorite tanks, and hydrogen vent blowers. Can the engineer please share any additional details that would allow us to prepare a complete and accurate bid for this system?

Response:

This project does not include an OSGH system. Specification Section 01 65 00 was corrected.

CLARIFICATION

1. Any holes in Clarifier No. 1 shall be accomplished by welding a steel section/coupon. Refer to revised drawing, Sheet M2 - Clarifier No. 1 and 2 Section. A bid line item was added for this work, Refer to Bid Item No. 9.

CHANGES TO THE SPECIFICATIONS

1. Section 00 41 13 Price Proposal – Remove in its entirety and replace with the version attached to this Addendum.
2. Section 01 22 13 Measurement and Payment – Remove in its entirety and replace with the version attached to this Addendum.
3. Section 01 65 00 Product Storage and Handling Requirements – Remove in its entirety and replace with the version attached to this Addendum. OSGH System was removed.

CHANGES TO THE PLANS

4. Plan Sheet M2 Clarifier No. 1 and 2 Section – Remove in its entirety and replace with the version attached to this Addendum.

END OF ADDENDUM 1

This Addendum, including these two (2) pages, is twenty (20) pages with attachments in its entirety.

Attachments:

Section 00 41 13 Price Proposal (7 Pages)

Section 01 22 13 Measurement and Payment (7 Page)

Section 01 65 00 Product Storage and Handling Requirements (3 Pages)

Sheet M2 – Clarifier No. 1 and 2 Section (1 Page)



Javier Garcia, P.E.
Garcia Infrastructure Consultants, L.L.C



PART 1 - SECTION 00 41 13

PRICE PROPOSAL

PART 2 - GENERAL

2.1 PRICE PROPOSAL

PROPOSAL OF _____, a
corporation a partnership consisting of _____
an individual doing business as _____

Pursuant to Instructions and Invitation for Competitive Sealed Proposals, the undersigned proposes to furnish all labor and materials as specified and perform the work required for the project as specified, in accordance with the Plans and Specifications for the following prices in the bid proposal to wit:

PLEASE SEE ATTACHED LIST OF BID ITEMS.

RESPONDENT'S SIGNATURE & TITLE:

FIRM'S NAME:

FIRM'S ADDRESS:

FIRM'S PHONE NO./FAX NO.:

FIRM'S EMAIL ADDRESS:

The Contractor herein acknowledges receipt of the following: **Addendum No(s).** _____

OWNER RESERVES THE RIGHT TO ACCEPT THE OVERALL MOST RESPONSIBLE BID.

The bidder offers to construct the Project in accordance with the Contract Documents for the contract price, and to complete the Project within **150** calendar days after the start date, as set forth in the Authorization to Proceed. **The bidder understands and accepts the provisions of the contract Documents relating to liquidated damages of the project if not completed on time.**

Complete the additional requirements of the Price Proposal which are included on the following pages.

Attachment A – Price Proposal Form

PART 3 - PRODUCTS – NOT USED

PART 4 - EXECUTION – NOT USED

END OF SECTION

ATTACHMENT A – PRICE PROPOSAL FORM

PRICE PROPOSAL

Item	Description	Unit	Quantity	Unit Price	Total
CLARIFIER NO. 1					
1	ClariCone® Clarifier No. 1 (Interior Coating)	LS	1	\$	\$
2	ClariCone® Clarifier No. 1 (Exterior Coating)	SF	3,000	\$	\$
3	ClariCone® Clarifier No. 1 (Walkway Bridge Coating)	LS	1	\$	\$
4	Slurry Concentrator Air Release and Level Guide Replacement (Equipment & Installation)	EA	1	\$	\$
5	Slurry Concentrator Support Assembly Replacement (Equipment & Installation)	EA	1	\$	\$
6	Sampling Coupling Replacement (Equipment and Installation)	EA	1	\$	\$
7	Concentrator Lift Tube and Actuator Assembly (Equipment and Installation)	EA	1	\$	\$
8	Radial Trough Operator Assembly (Equipment and Installation)	EA	1	\$	\$
9	Clarifier Repairs (Steel Plates)	LBS	75	\$	\$
10	*Remove and Dispose of Sludge	TON	40	\$	\$
CLARIFIER NO. 2					
11	Slurry Concentrator Air Release and Level Guide Replacement (Equipment & Installation)	EA	1	\$	\$
12	Slurry Concentrator Support Assembly Replacement (Equipment & Installation)	EA	1	\$	\$
13	Sampling Coupling Replacement (Equipment and Installation)	EA	1	\$	\$
14	*Remove and Dispose of Sludge	TON	40	\$	\$
TOTAL (Item 1 to 14)					\$

*Contractor is required to submit proof to confirm the volume of sludge removed and disposed of on-site at the existing sludge holding pond . Payment will be based on actual tons of sludge disposed.

Item	Description	Unit	Quantity	Unit Bid Price	Total
CLARIFIER NO. 2 ALLOWANCE					
15	Repair Effluent Weir Trough Allowance	ALW	1	\$ 25,000.00	\$ 25,000.00
TOTAL (Item 15)					\$ 25,000.00

Item	Description	Unit	Quantity	Unit Price	Total
16	Mobilization & Demobilization (Max 6% of Line Items 1 to 14)	LS	1	\$	\$
17	**Intermediate Demobilization and Remobilization	EA	1	\$	\$
TOTAL MOBILIZATION AND DEMOBILIZATION (Items 16-17)					\$

Mobilization and demobilization lump sum bid shall be limited to a maximum 6% of the line item 1-14 Sub-Total Base Bid Amount.

The line item 1-14 Sub-total base bid is defined as all bid items EXCLUDING Item 15 Replace Effluent Weir Trough, Item 16 – Mobilization and Demobilization, Item 17- Intermediate Demobilization and Remobilization.

** This item shall govern CONTRACTOR expenses for an OWNER-directed intermediate Project demobilization of personnel and equipment that occurs after the Contract Notice to Proceed has been given and work has been commenced, and the subsequent remobilization of personnel and equipment to complete the project. Related work shall include furnishing all labor, materials, tools, equipment, testing, and incidentals required to demobilize and remobilize for the Project. **Each Intermediate Demobilization and Remobilization shall only be authorized and paid upon a written directive by OWNER.**

In the event of a discrepancy between the written percentage and dollar amount shown for Mobilization and Demobilization written percentage will govern. If the percentage written exceeds the allowable maximum stated for mobilization and demobilization, Owner reserves the right to cap the amount at the percentages shown and adjust the extensions of the bid items accordingly.

TOTAL BID PRICE (TO INCLUDE LINE ITEMS 1-14, 15, and 16-17)	\$
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Deductive and Additive Alternates: Owner reserves the right to accept or reject the following alternate(s). The decision to accept or reject will be made once Engineer, Contractor, and Owner have the opportunity to inspect effluent weir trough once Clarifier No. 1 is dewatered and cleaned. The total for each alternate should be the full price for the alternate separate from pricing included in the Total Bid Price. In addition, Mobilization/Demobilization shall be inclusive to each alternate's Total.

ADDITIVE ALTERNATE No. 1- Owner reserves the right to accept or reject the following additive alternate.					
Item	Description	Unit	Quantity	Unit Price	Total
CLARICONE® CLARIFIER NO. 1					
18	Remove and Replace Effluent Weir Trough	EA	1	\$	\$
TOTAL ADDITIVE ALTERNATIVE (Item 18)					\$

Contractor shall include pricing of all replacement mechanical components to the two (2) ClariCone® Clarifiers as shown on the plans and specified in the contract documents for transparency purposes. Pricing from CB&I/Newman Regency for the clarifiers replacement mechanical components is attached (**Attachment B**) for information purposes. Pricing must be denoted but will **NOT** impact contractor selection.

CLARICONE CLARIFIER NO. 1 & 2 EQUIPMENT PRICING (Informational Purposes Only)					
Item	Description	Unit	Quantity	Unit Price	Total
CLARICONE® CLARIFIER NO. 1 & 2 EQUIPMENT PRICING					
19	ClaricCone ® Clarifier No 1 and 2 Equipment Pricing	LS	1	\$	\$
ClariCone® Equipment Pricing (Item 19)					\$

Receipt is hereby acknowledged of the following addenda to the Contract Document:

Addendum No. 1: _____

ATTACHMENT B – CLARICONE ® REPLACEMENT COMPONENTS PRICE PROPSOAL



Ralph R. Sinno

Sales Engineer, Central & South Central Texas

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900 Old Austin Hutto Road, #310, Pflugerville, TX 78660-6005

Proposal

Date	November 3, 2025
Project No.	47866
Rev. No.	0.0

Client Information
Alamo, TX
Attn.: GIC Engineers

Project Information
WTP Improvements
Claricone Rehabilitation

Notes
1. See the following pages for more details on proposed products, services, etc.
2. Items not specifically mentioned should be considered excluded.
3. Newman Regency Group Standard Terms & Conditions shall apply unless specifically stated or otherwise agreed to in writing. Subject to change at time of order.
4. In the event of an unforeseeable market condition (i.e. tariff, natural disaster, etc. Newman Regency Group shall have the right to alter this proposal to accomodate any changes in costs that may arise.
5. Addendum(s) Acknowledged

Line Item No.	Proposal / CBI Dwg. No.	Qty	UoM	Description	Mfr.	Project Plan Sheet No.	Est. Sub'l Lead Time (Weeks)	Est. Shipment Lead Time (Weeks)	Start-Up & Comm. Included	Freight Included	Install Included	Unit Price	Total Price
1.0	6	1	Ea	Concentrator Flap Gate 10 x 8 x 5K	CBI	M2 (Not Shown)	4 to 6	5 to 12	☐	☒	☐	\$ 700.00	\$ 700.00
2.0	7	2	Lot	Concentrator Slip Tube Assembly Clarifier No. 1 (West) Only	CBI	M2, M3 (Detail 1/M2)	4 to 6	5 to 12	☐	☒	☐	\$ 13,700.00	\$ 27,400.00
3.0	8	2	Lot	Concentrator Air Release Assembly	CBI	M2, M3 (Detail 2/M2)	4 to 6	5 to 12	☐	☒	☐	\$ 1,400.00	\$ 2,800.00
4.0	6-11	1	Lot	Concentrator Lift Tube Assembly	CBI	M2, M3 (Detail 3/M2)	4 to 6	5 to 12	☐	☒	☐	\$ 34,800.00	\$ 34,800.00
5.0	35-Q	1	Ea	Radial Wier Trough Assembly	CBI	M2	4 to 6	5 to 12	☐	☒	☐	\$ 24,000.00	\$ 24,000.00
6.0	42	1	Ea	Radial Wier Trough Through Bracket Assembly	CBI	M2	4 to 6	5 to 12	☐	☒	☐	\$ 11,000.00	\$ 11,000.00
7.0	45, 51	1	Ea	Radial Wier Trough Operator Assembly	CBI	M2, M3 (Detail 4/M2)	4 to 6	5 to 12	☐	☒	☐	\$ 35,400.00	\$ 35,400.00
8.0	N/A	1	Lot	OEM Technician On-Site Installation Verification and Commissioning Assitance (1) Trip / (2) Days	CBI	N/A	N/A	N/A	☒	☐	☐	\$ 5,900.00	\$ 5,900.00
				OEM Project & Fabrication Management, OEM Submittal Documents/Shop Drawings Generation, Logistics & Freight Management									
9.0	N/A	1	Lot	<u>Notes</u> Due to the time lapse from installation date to current. CBI have not been able to locate the native files for the project in order to create new CAD drawings without significant effort. However, CBI has located printed drawings for the project. It is the intent of CBI to provide PDF's with manual markups of what will be changed. Our submittal will include a manual markup of the existing PDF drawings highlighting the items to be purchased and the billing of the materials. If formal NEW drawings are to be created this must be quoted in addition to the above.	CBI	N/A	4 to 6	N/A	☐	☒	☐	\$ 29,700.00	\$ 29,700.00

Ralph R. Sinno

Sales Engineer, Central & South Central Texas

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Proposal

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Notes
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2. Items not specifically mentioned should be considered excluded.
3. Newman Regency Group Standard Terms & Conditions shall apply unless specifically stated or otherwise agreed to in writing. Subject to change at time of order.
4. In the event of an unforeseeable market condition (i.e. tariff, natural disaster, etc. Newman Regency Group shall have the right to alter this proposal to accomodate any changes in costs that may arise.
5. Addendum(s) Acknowledged

Line Item No.	Proposal / CBI Dwg. No.	Qty	UoM	Description	Mfr.	Project Plan Sheet No.	Est. Sub'l Lead Time (Weeks)	Est. Shipment Lead Time (Weeks)	Start-Up & Comm. Included	Freight Included	Install Included	Unit Price	Total Price
				Sample Port Valves and Misc. Required Mounting Materials									
				<u>Includes</u>									
				5 ea – 1" SS Threaded Ball Valve, 1000 psi WP									
				10 ea – 1" FIP x FIP Dielectric Union									
				20 LF – 16 Ga 1-5/8" Galvanized Unistrut									
				5 ea – Unistrut Clamps									
				2 ea - Unistrut Bases									
				1 lot – Anchoring Hardware									
10.0	N/A	1	Lot		N/A	M4	4 to 6	5 to 12	☐	☒	☐	\$ 4,100.00	\$ 4,100.00

Sub-Total	\$ 175,800.00
Tax, %	0.00%
TOTAL	\$ 175,800.00

SECTION 01 22 13

MEASUREMENT AND PAYMENT

PART 1 - GENERAL

1.1 SCOPE SUMMARY

- A. Procedures for measurement and payment plus conditions for nonconformance assessment and non-payment for rejected products.

1.2 AUTHORITY

- A. Measurement methods delineated in Specification sections are intended to complement the criteria of this section. In the event of conflict, the requirements of the Specification section shall govern.

1.3 UNIT QUANTITIES SPECIFIED

- A. **NO ADDITIONAL PAY SHALL BE PROVIDED IF THE ACTUAL WORK REQUIRED IS GREATER THAN THOSE INDICATED IN THE BID FORM. IF NO BID ITEM IS PROVIDED FOR WORK SHOWN ON THE DRAWINGS, IT SHALL BE CONSIDERED INCIDENTAL TO ONE OF THE OTHER BID ITEMS.**

1.4 ADMINISTRATIVE SUBMITTALS

- A. Schedule of Values.
- B. Schedule of Estimated Progress Payments:
 - 1. Submit with initially acceptable schedule of values.
 - 2. Submit adjustments thereto with Application for Payment.
- C. Application for Payment.
- D. Final Application for Payment.

1.5 SCHEDULE OF VALUES

- A. Prepare a separate schedule of values for each schedule of Work under the Agreement.
- B. Unit Price Work: Reflect unit price quantity and price breakdown from conformed Bid Form.
- C. An unbalanced or front-end loaded schedule will not be acceptable.
- D. Summation of the complete schedule of values representing all Work shall equal the Contract Price.
- E. Refer to Section 01 29 73, SCHEDULE OF VALUES.

1.6 PROGRESS PAYMENTS

- A. Scope:
 - 1. CONTRACTOR's requests for payment shall be in accordance with the Agreement, General Conditions and Supplementary Conditions, and the Specifications.
 - 2. Form: Applications for Payment shall be in the form of Engineers Joint Contract Documents Committee (EJCDC) document EJCDC® C-620, "Contractor's Application for Payment", 2013 edition or later.
- B. Procedure:
 - 1. Review with OWNER'S Inspections/Field Engineer quantities and the Work proposed for inclusion in each progress payment. Application for Payment shall cover only the Work and quantities recommended by the OWNER Inspections/Field Engineer.

2. CONTRACTOR will be required to review with ENGINEER or OWNER Inspections/Field Engineer the status of record documents in connection with OWNERS's review of each Application for Payment. Failure to maintain record document current will be just cause for ENGINEER to recommend a reduction in payment for record documents in accordance with Section 01 29 73, SCHEDULE OF VALUES, and will entitle OWNER to setoffs in accordance with the Contract Documents.
 3. ENGINEER will act on request for payment in accordance with the General Conditions and Supplementary Conditions.
- C. Each request for progress payment shall include:
1. Completed Application for Payment form, including summary/signature page, progress estimate sheets, and stored materials summary. Progress estimate sheets shall have the same level of detail as the Schedule of Values.
 2. Documentation for Stored Materials and Equipment:
 - a. For materials and equipment not incorporated in the Work but suitably stored, submit documentation in accordance with the General Conditions and Supplementary Conditions.
 - b. Legibly indicate on invoice or bill of sale the specific materials or equipment included in the payment request and corresponding bid/payment item number for each.
 3. Listing of Subcontractors and Suppliers:
 - a. In accordance with the General Conditions, submit not less than monthly updated listing of all Subcontractors and Suppliers known to CONTRACTOR, whether or not such entities have a contract directly with CONTRACTOR.
 - b. Submit complete information using the form attached to this Section.
 4. Record drawings redlines.
- D. Final Payment:
1. Requirements for request for final payment are in the General Conditions, as may be modified by the Supplementary Conditions.

1.7 PAYMENT FOR STORED MATERIALS AND EQUIPMENT

- A. Observation of Stored Materials and Equipment Prior to Application for Payment:
1. General:
 - a. Prior to materials or equipment suitably stored but not yet incorporated into the Work can be eligible for payment, ENGINEER or SAWS Inspector shall visit the storage location and verify the extent, condition, and storage environment of the stored items.
 - b. When the same material or equipment item is stored for more than two months, such visits to storage location shall be not less than once every two months.
 2. Cost Responsibility for Observations:
 - a. When storage location is less than 20 miles from the Site or less than 20 miles from ENGINEER's office, CONTRACTOR is not responsible for reimbursing OWNER for cost of ENGINEER's time and expenses for observing stored materials and equipment.

1.8 MEASUREMENT – GENERAL

- A. Weighing, measuring, and metering devices used to measure quantity of materials for Work shall be suitable for purpose intended and conform to tolerances and specifications as specified in National Institute of Standards and Technology, Handbook 44.
- B. Whenever pay quantities of material are determined by weight, the material shall be weighed on scales furnished by CONTRACTOR and certified accurate by the state agency responsible. A weight or load slip shall be obtained from the weigher and delivered to the OWNER's representative at the point of delivery of the material.
- C. If material is shipped by rail, the car weights will be accepted provided that actual weight of material only will be paid for and not minimum car weight used for assessing freight tariff, and provided further that car weights will not be acceptable for material to be passed through mixing plants.
- D. Vehicles used to haul material being paid for by weight shall be weighed empty daily and at such additional times as required by ENGINEER. Each vehicle shall bear a plainly legible identification mark.

- E. All materials which are specified for measurement by the cubic yard measured in the vehicle shall be hauled in vehicles of such type and size that the actual contents may be readily and accurately determined. Unless all vehicles are of uniform capacity, each vehicle must bear a plainly legible identification mark indicating its water level capacity. All vehicles shall be loaded to at least their water level capacity. Loads hauled in vehicles not meeting the above requirements or loads of a quantity less than the capacity of the vehicle, measured after being leveled off as above provided, will be subject to rejection, and no compensation will be allowed for such material.
- F. Quantities will be based on ground profiles shown.
- G. Where measurement of quantities depends on elevation of existing ground, elevations obtained during construction will be compared with those shown on Drawings. Variations of 1 foot or less will be ignored, and profiles shown on Drawings will be used for determining quantities.
- H. Units of measure shown on the Bid Form shall be as follows unless specified otherwise.

Item	Method of Measurement
AC	Acre—Field Measure by ENGINEER
CY	Cubic Yard—Field Measure by ENGINEER within the limits specified or shown
CY-VM	Cubic Yard—Measured in the Vehicle by Volume
EA	Each—Field Count by ENGINEER
GAL	Gallon—Field Measure by ENGINEER
HR	Hour
LB	Pound(s)—Weight Measure by Scale
LF	Linear Foot—Field Measure by ENGINEER
LS	Lump Sum—Unit is one; no measurement will be made
SF	Square Foot
SY	Square Yard
TON	TON Ton—Weight Measure by Scale (2,000 pounds)

1.9 PAYMENT

- A. Payment for lump sum work covers all Work necessary to furnish and install the following items.

Item No.	Description
CLARIFIER NO. 1	
1	CLARI CONE® CLARIFIER NO. 1 (INTERIOR COATING): Measurement: This item includes all costs for the <u>interior coating of the ClariCone®</u>. It shall include, but is not limited to installation and all labor material, tools, submittals, and incidentals required to perform the work in accordance with the contract documents, complete for the lump sum price. Payment: Lump sum payment for Item 1 will be full compensation for completing the Work, as shown on the Contract Documents or indicated under Division 01 through Division 46.
2	CLARI CONE® CLARIFIER NO. 1 (EXTERIOR COATING): Measurement: This item includes all costs for the <u>exterior coating of the Clari Cone®</u>. It shall include, but is not limited to installation and all labor material, tools, submittals, and incidentals required to perform the work in accordance with the contract documents, complete for the lump sum price. Payment: Unit price payment on a SF basis for Item 2 will be full compensation for completing the Work, as shown on the Contract Documents or indicated under Division 01 through Division 46.
3	CLARI CONE® CLARIFIER NO. 1 (WALKWAY BRIDGE COATING): This item includes all costs for the <u>clarifier walkway bridge coating</u>. It shall include, but is not limited to installation and all labor material, tools, submittals, and incidentals required to perform the work in accordance with the contract documents, complete for the lump sum price.

Item No.	Description
	Payment: Lump sum payment for Item 3 will be full compensation for completing the Work, as shown on the Contract Documents or indicated under Division 01 through Division 46.
4	SLURRY CONCENTRATOR AIR RELEASE AND LEVEL GUIDE REPLACEMENT (EQUIPMENT AND INSTALLATION): Measurement: This item includes all costs for the removal and replacement of the <u>slurry concentrator air release and level guide</u>. It shall include, but is not limited to the demolition, equipment, installation, startup/commissioning, manufacturer's services, and all labor material, tools, equipment submittals, and incidentals required to perform the work in accordance with the contract documents, complete for lump sum price. Payment: Unit price payment for Item 4 will be full compensation for completing the Work, as shown on the Contract Documents or indicated under Division 01 through Division 46.
5	SLURRY CONCENTRATOR SUPPORT ASSEMBLY REPLACEMENT (EQUIPMENT AND INSTALLATION): Measurement: This item includes all costs for the removal and replacement of the <u>slurry concentrator support assembly</u>. It shall include, but is not limited to the demolition, equipment, installation, startup/commissioning, manufacturer's services, and all labor material, tools, equipment submittals, and incidentals required to perform the work in accordance with the contract documents, complete for lump sum price. Payment: Unit price payment for Item 5 will be full compensation for completing the Work, as shown on the Contract Documents or indicated under Division 01 through Division 46.
6	SAMPLING COUPLING REPLACEMENT (EQUIPMENT AND INSTALLATION): Measurement: This item includes all costs for the removal and replacement of the <u>sampling coupling assembly</u>. It shall include, but is not limited to the demolition, equipment, installation, startup/commissioning, manufacturer's services, and all labor material, tools, equipment submittals, and incidentals required to perform the work in accordance with the contract documents, complete for lump sum price. Payment: Unit price payment for Item 6 will be full compensation for completing the Work, as shown on the Contract Documents or indicated under Division 01 through Division 46.
7	CONCENTRATOR LIFT TUBE AND ACTUATOR ASSEMBLY (EQUIPMENT AND INSTALLATION): Measurement: This item includes all costs for the removal and replacement of the <u>concentrator lift tube and actuator assembly</u>. It shall include, but is not limited to the demolition, equipment, installation, startup/commissioning, manufacturer's services, and all labor material, tools, equipment submittals, and incidentals required to perform the work in accordance with the contract documents, complete for lump sum price. Payment: Unit price payment for Item 7 will be full compensation for completing the Work, as shown on the Contract Documents or indicated under Division 01 through Division 46.
8	RADIAL TROUGH OPERATOR ASSEMBLY (EQUIPMENT AND INSTALLATION): Measurement: This item includes all costs for the removal and replacement of the <u>radial trough operator assembly</u>. It shall include, but is not limited to the demolition, equipment, installation, startup/commissioning, manufacturer's services, and all labor material, tools, equipment submittals, and incidentals required to perform the work in accordance with the contract documents, complete for lump sum price. Payment: Unit price payment for Item 8 will be full compensation for completing the Work, as shown on the Contract Documents or indicated under Division 01 through Division 46.

Item No.	Description
9	CLARIFIER REPAIRS (STEEL PLATES) Measurement: The total amount for repairs to patch holes within the clarifier. It shall include but is not limited to the installation and all labor material, tools, submittals, and incidentals required to perform the work in accordance with the contract documents, complete for the unit price per pound. Payment: Unit price payment is on a ponds (lbs) of steel basis for Item 9 will be full compensation for completing the work, as shown on the contract documents, or indicated under division 01 through division 46.
10	REMOVE AND DISPOSE OF SLUDGE: Measurement: This item includes all costs for the <u>removal and disposal of sludge</u> remaining in the clarifier after basin is dewatered by the owner. It shall include, but is not limited to all labor material, tools, submittals, and incidentals required to perform the work in accordance with the contract documents, complete for the unit price. Payment: Unit price payment on a TON basis for Item 10 will be full compensation for completing the Work, as shown on the Contract Documents or indicated under Division 01 through Division 46. Contractor must submit proof to confirm the volume of sludge removed and disposed of on-site at the exiting sludge holding pond.
CLARIFIER NO. 2	
11	SLURRY CONCENTRATOR AIR RELEASE AND LEVEL GUIDE REPLACEMENT (EQUIPMENT AND INSTALLATION): Measurement: This item includes all costs for the removal and replacement of the <u>slurry concentrator air release and level guide</u>. It shall include, but is not limited to the demolition, equipment, installation, startup/commissioning, manufacturer's services, and all labor material, tools, equipment submittals, and incidentals required to perform the work in accordance with the contract documents, complete for lump sum price. Payment: Unit price payment for Item 11 will be full compensation for completing the Work, as shown on the Contract Documents or indicated under Division 01 through Division 46.
12	SLURRY CONCENTRATOR SUPPORT ASSEMBLY REPLACEMENT (EQUIPMENT AND INSTALLATION): Measurement: This item includes all costs for the removal and replacement of the <u>slurry concentrator support assembly</u>. It shall include, but is not limited to the demolition, equipment, installation, startup/commissioning, manufacturer's services, and all labor material, tools, equipment submittals, and incidentals required to perform the work in accordance with the contract documents, complete for lump sum price. Payment: Unit price payment for Item 12 will be full compensation for completing the Work, as shown on the Contract Documents or indicated under Division 01 through Division 46.
13	SAMPLING COUPLING REPLACEMENT (EQUIPMENT AND INSTALLATION): Measurement: This item includes all costs for the removal and replacement of the <u>sampling coupling assembly</u>. It shall include, but is not limited to the demolition, equipment, installation, startup/commissioning, manufacturer's services, and all labor material, tools, equipment submittals, and incidentals required to perform the work in accordance with the contract documents, complete for lump sum price. Payment: Unit price payment for Item 13 will be full compensation for completing the Work, as shown on the Contract Documents or indicated under Division 01 through Division 46.
14	REMOVE AND DISPOSE OF SLUDGE: Measurement: This item includes all costs for the <u>removal and disposal of sludge</u> remaining in the clarifier after basin is dewatered by the owner. It shall include, but is not limited to all labor material, tools, submittals, and incidentals required to perform the work in accordance with the contract documents, complete for the unit price.

Item No.	Description
	Payment: Unit price payment on a TON basis for Item 14 will be full compensation for completing the Work, as shown on the Contract Documents or indicated under Division 01 through Division 46. Contractor must submit manifest documents to confirm payment on per TON basis for the removal and disposal of sludge.

B. Allowance

Item No.	Description
15	REPAIR EFFLUENT WEIR TROUGH ALLOWANCE (CLARIFIER NO. 2): Measurement: Allowance for \$25,000 for unforeseen repairs that may be required to the effluent weir trough. This shall include furnishing all labor, tools, equipment, and incidentals required to repair the items, and to be negotiated under the contract terms and conditions for complete in place. Payment: Contractor to pay and be reimbursed actual amount by OWNER.

C. Mobilization and Demobilization

Item No.	Description
16	MOBILIZATION AND DEMOBILIZATION, MAX 6% OF LINE ITEMS 1 -14: Measurement: This item shall include project move-in and move-out of personnel and equipment, for all work including furnishing all labor, materials, tools, equipment and incidentals required to mobilize, demobilize, clean site upon project completion, and bond and ensure the Work for the Project, in accordance with the Contract Documents, complete in place. Maximum of 6% of the total of Line Items 1 through 13. Payment: Lump sum payment for Item 16 will be full compensation for completing the Work, as shown on the Contract Documents or indicated under Division 01 through Division 46.
17	INTERMEDIATE DEMOBILIZATION AND REMOBILIZATION: Measurement: This item shall govern CONTRACTOR expenses for an OWNER-directed intermediate Project demobilization of personnel and equipment that occurs after the Contract Notice to Proceed has been given and work has been commenced, and the subsequent remobilization of personnel and equipment to complete the project. Related work shall include furnishing all labor, materials, tools, equipment, testing, and incidentals required to demobilize and remobilize for the Project, in accordance with the Contract Documents, Complete in Place. Payment: Each Intermediate Demobilization and Remobilization shall only be authorized upon a <u>written directive by OWNER</u>. Unit price payment for Item 17 will be full compensation for completing the Work, as shown on the Contract Documents or indicated under Division 01 through Division 46 for actual intermediate mobilization/demobilization up to quantity shown in the Proposal Form.

D. Additive Alternate

Item No.	Description
18	REMOVE AND REPLACE EFFLUENT WEIR TROUGH (CLARIFIER NO. 1): Measurement: This item includes all costs for the removal and replacement of the <u>effluent weir trough</u>. It shall include, but is not limited to the demolition, equipment, installation, startup/commissioning, manufacturer's services, and all labor material, tools, equipment submittals, and incidentals required to perform the work in accordance with the contract documents, complete for lump sum price.

Item No.	Description
	Payment: Unit price payment for Item 18 will be full compensation for completing the Work, as shown on the Contract Documents or indicated under Division 01 through Division 46.

E. ClariCone ® Clarifier No. 1 & 2 Equipment Pricing (Information purposes only)

Item No.	Description
19	CLARICONE ® CLARIFIER NO. 1 & 2 EQUIPMENT PRICING Contractor shall include pricing for all replacement components for the two (2) ClariCone® Clarifiers as shown on the plans and specified in the contract documents for transparency purposes. Pricing from CB&I/Newman Regency for the clarifier replacement components is attached to the Price Proposal, Section 00 41 13 (Attachment B). Show pricing on the bid form for transparency purposes. Payment: Payment for all clarifier replacement components will be paid under respective Bid Items No. 4 to 8 and 11 to 13.

1.10 NONPAYMENT FOR REJECTED OR UNUSED PRODUCTS

- A. Payment will not be made for following:
1. Loading, hauling, and disposing of rejected material.
 2. Quantities of material wasted or disposed of in manner not called for under Contract Documents.
 3. Rejected loads of material, including material rejected after it has been placed by reason of failure of CONTRACTOR to conform to provisions of Contract Documents.
 4. Material not unloaded from transporting vehicle.
 5. Defective Work not accepted by OWNER.
 6. Material remaining on hand after completion of Work.

1.11 PARTIAL PAYMENT FOR STORED MATERIALS AND EQUIPMENT

- A. Partial Payment: No partial payments will be made for materials and equipment delivered or stored unless Shop Drawings or preliminary operation and maintenance manuals are acceptable to OWNER.
- B. Final Payment: Will be made only for products incorporated in Work; remaining products, for which partial payments have been made, shall revert to CONTRACTOR unless otherwise agreed, and partial payments made for those items will be deducted from final payment.

PART 2 - PRODUCTS – NOT USED

PART 3 - EXECUTION – NOT USED

END OF SECTION

SECTION 01 65 00

PRODUCT DELIVERY REQUIREMENTS

PART 1 - GENERAL

1.1 DESCRIPTION

- A. Scope:
 - 1. This Section includes general requirements for preparing for shipping, delivering, and handling materials and equipment to be incorporated into the Work.
 - 2. CONTRACTOR shall make all arrangements for transporting, delivering, and handling of materials and equipment required for prosecution and completion of the Work.
 - 3. When required, move stored materials and equipment without changes to the Contract Price or Contract Times.

1.2 SUBMITTALS

- A. Refer to individual Specifications Sections for submittal requirements relative to delivering and handling materials and equipment.

1.3 PREPARING FOR SHIPMENT

- A. When practical, factory-assemble materials and equipment. Mark or tag separate parts and assemblies to facilitate field-assembly. Cover machined and unpainted parts that may be damaged by the elements or climate with strippable, protective coating.
- B. Package materials and equipment to facilitate handling, and protect materials and equipment from damage during shipping, handling, and storage. Mark or tag outside of each package and crate to indicate the associated purchase order number, bill of lading number, contents by name, OWNER's contract designation, CONTRACTOR name, equipment number, and approximate weight. Include complete packing lists and bills of materials with each shipment.
- C. Protect materials and equipment from exposure to the elements and damage by climate, and keep thoroughly dry and dust-free at all times. Protect painted surfaces against impact, abrasion, discoloration, and other damage. Lubricate bearings and other items requiring lubrication in accordance with manufacturer's instructions.
- D. Advance Notification of Shipments:
 - 1. Keep ENGINEER informed of delivery of all materials and equipment to be incorporated in the Work.
 - 2. Upon receipt of Supplier's advance notice of shipment, not less than seven days prior to delivery of materials and equipment, provide ENGINEER written notification of anticipated date and place of arrival of the following:
 - a. ClariCone® Clarifier Replacement Parts
- E. Do not ship materials and equipment until:
 - 1. Related Shop Drawings, Samples, and other submittals required by the Contract Documents have been approved or accepted (as applicable) by ENGINEER, including, but not necessarily limited to, all Action Submittals associated with the materials and equipment being delivered.
 - 2. Manufacturer's instructions for handling, storing, and installing the associated materials and equipment have been submitted to and accepted by ENGINEER in accordance with the Specifications.
 - 3. Results of source quality control testing (factory testing), when required by the Contract Documents for the associated materials or equipment, have been submitted to and accepted by ENGINEER.
 - 4. Facilities required for handling materials and equipment in accordance with the Contract Documents and manufacturer's instructions are in place and available.
 - 5. Required storage facilities have been provided.

1.4 DELIVERY

- A. Scheduling and Timing of Deliveries:

1. Arrange deliveries of materials and equipment in accordance with the Progress Schedule accepted by ENGINEER and in ample time to facilitate inspection and observation prior to installation.
 2. Schedule deliveries to minimize space required for and duration of storage of materials and equipment at the Site or other delivery location, as applicable.
 3. Coordinate deliveries to avoid conflicting with the Work and conditions at Site, and to accommodate the following:
 - a. Work of other contractors and OWNER.
 - b. Storage space limitations.
 - c. Availability of equipment and personnel for handling materials and equipment.
 - d. OWNER's use of premises.
 4. Deliver materials and equipment to the Site during regular working hours.
 5. Deliver materials and equipment to avoid delaying the Work and the Project, including work of other contractors, as applicable. Deliver anchor system materials, including anchor bolts to be embedded in concrete or masonry, in ample time to avoid delaying the Work.
- B. Deliveries:
1. Shipments shall be delivered with CONTRACTOR's name, Subcontractor's name (if applicable), Site name, Project name, and contract designation (example: "ABC Construction Co., City of Happy Beach, Idaho, Wastewater Treatment Plant Primary Clarifier Improvements, Contract 25, General Construction") clearly marked.
 2. Site may be listed as the "ship to" or "delivery" address; but OWNER shall not be listed as recipient of shipment unless otherwise directed in writing by ENGINEER.
 3. Provide CONTRACTOR's telephone number to shipper; do not provide OWNER's telephone number.
 4. Arrange for deliveries while CONTRACTOR's personnel are at the Site. CONTRACTOR shall receive and coordinate shipments upon delivery. Shipments delivered to the Site when CONTRACTOR is not present will be refused by OWNER, and CONTRACTOR shall be responsible for the associated delays and additional costs, if incurred.
- C. Containers and Marking:
1. Have materials and equipment delivered in manufacturer's original, unopened, labeled containers.
 2. Clearly mark partial deliveries of component parts of materials and equipment to identify materials and equipment, to allow easy accumulation of parts, and to facilitate assembly.
- D. Inspection of Deliveries:
1. Immediately upon delivery, inspect shipment to verify that:
 - a. Materials and equipment comply with the Contract Documents and approved or accepted (as applicable) submittals.
 - b. Quantities are correct.
 - c. Materials and equipment are undamaged and of the required quality.
 - d. Containers and packages are intact and labels are legible.
 - e. Materials and equipment are properly protected.
 2. Promptly remove damaged materials and equipment from the Site and expedite delivery of new, undamaged materials and equipment, and remedy incomplete or lost materials and equipment. Furnish materials and equipment in accordance with the Contract Documents, to avoid delaying progress of the Work.
 3. Advise ENGINEER in writing when damaged, incomplete, or defective materials and equipment are delivered, and advise ENGINEER of the associated impact on the Progress Schedule.

1.5 HANDLING OF MATERIALS AND EQUIPMENT

- A. Provide equipment and personnel necessary to handle materials and equipment, including those furnished by OWNER, by methods that prevent soiling or damaging materials and equipment and packaging.
- B. Provide additional protection during handling as necessary to prevent scraping, marring, and otherwise damaging materials and equipment and surrounding surfaces.
- C. Handle materials and equipment by methods that prevent bending and overstressing.
- D. Lift heavy components only at designated lifting points.

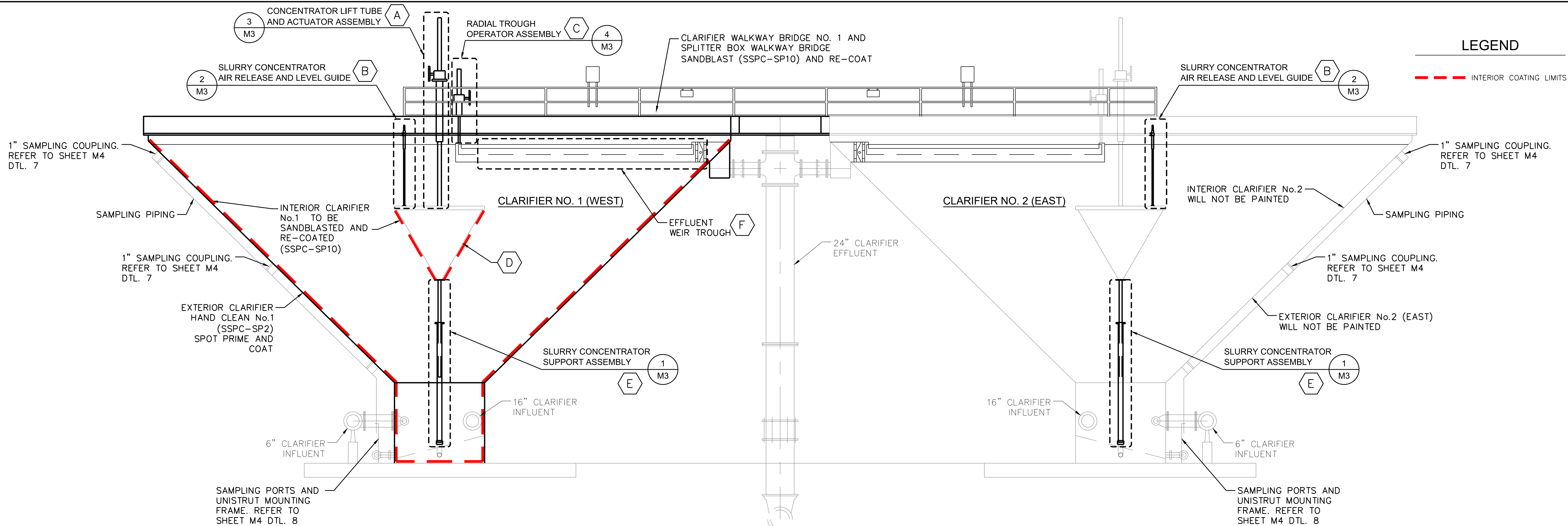
- E. Handle materials and equipment in safe manner and as recommended by the manufacturer to prevent damage. Do not drop, roll, or skid materials and equipment off delivery vehicles or at other times during handling. Hand-carry or use suitable handling equipment.

PART 2 - PRODUCTS – NOT USED

PART 3 - EXECUTION – NOT USED

END OF SECTION

11/14/2025 L:\SHARE1\ENGINEERING\CITY OF ALAMO\WTP IMPROVEMENTS\14. PRODUCTION\PHASE 1B (CLARIFIER 2)\DRAWINGS\SHEETS\1132-PH1B-S7-M02.DWG



LEGEND

--- INTERIOR COATING LIMITS

SECTION A

SCALE: 3/16"=1'-0"

KEYNOTE

- REMOVE AND REPLACE SLURRY CONCENTRATOR LIFT TUBE ASSEMBLY. CLARIFIER NO. 1 ONLY.
- REMOVE AND REPLACE ROD/PIPE LEVEL GUIDE. CLARIFIER NO. 1 AND 2.
- REMOVE AND REPLACE WEIR TROUGH OPERATOR. CLARIFIER NO. 1 ONLY.
- REUSE EXISTING SLURRY CONCENTRATOR. CLARIFIER NO. 1 AND 2.
- REMOVE AND REPLACE SLURRY CONCENTRATOR SUPPORT ASSEMBLY, CLARIFIER NO. 1 AND 2.
- ENGINEER, CONTRACTOR, AND OWNER WILL INSPECT EFFLUENT WEIR TROUGH AFTER CLARIFIER IS DEWATERED AND CLEANED. AN ALLOWANCE (ALLOWANCE NO. 1) IS INCLUDED TO EITHER REPAIR OR REMOVE AND REPLACE WITH A NEW EFFLUENT WEIR TROUGH.
- PATCH ALL PIN HOLES WITHIN CLARIFIER PERIMETER USING 1/4" A36 STEEL PLATES WELDED TO CLARIFIER. QUANTITY OF REPAIRS/PIN HOLES REQUIRED IS UNKNOWN. A BID ITEM IS INCLUDED FOR THIS WORK.

NOTES:

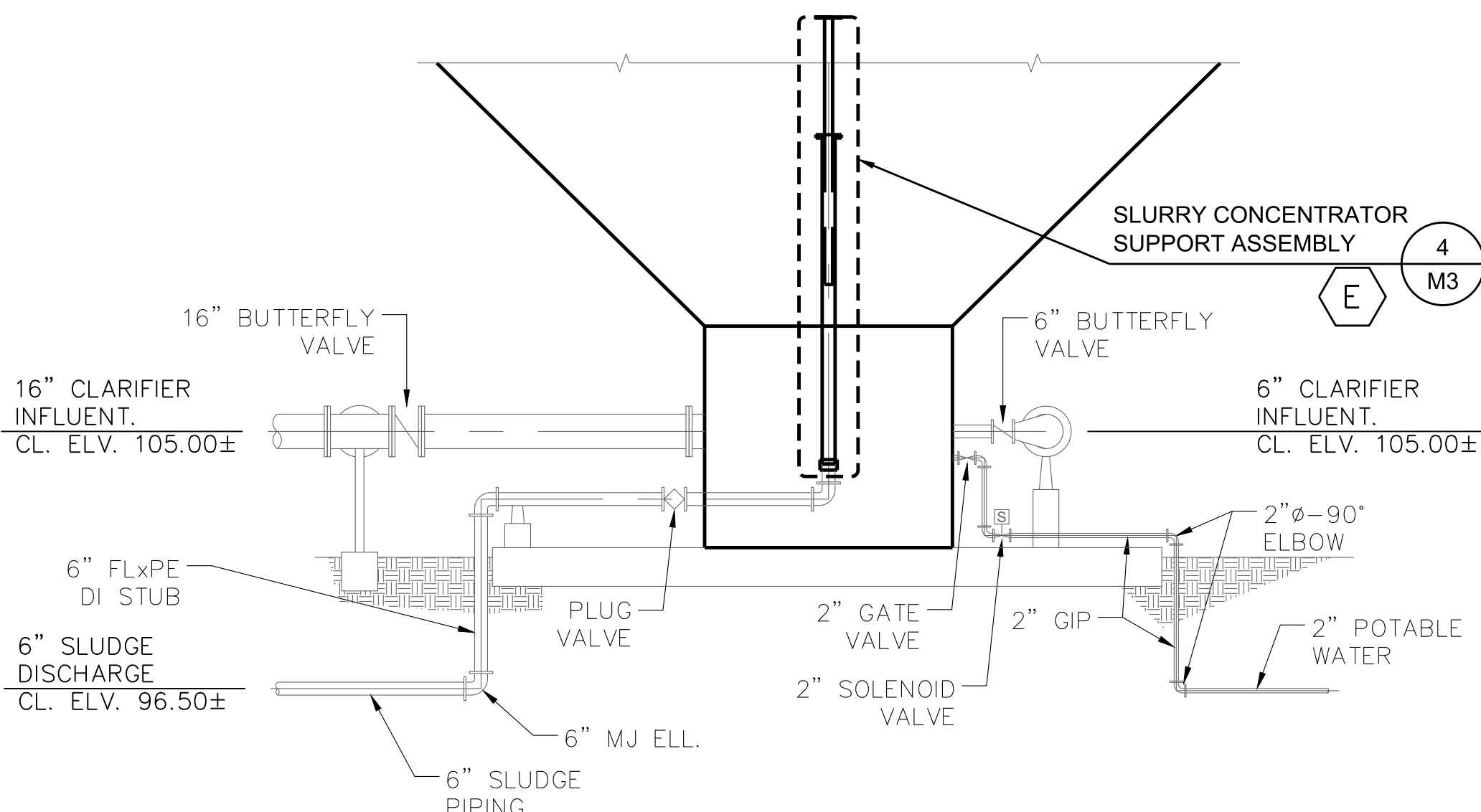
- APPROXIMATE INTERIOR SURFACE AREA TO BE COATED IS 5,000 SF/CLARIFIER. CONTRACTOR TO FIELD VERIFY. PAYMENT FOR INTERIOR COATING IS ON LUMP SUM BASIS.
- EXTERIOR SURFACE AREA SHALL BE SPOT REPAIRED. ASSUME AN APPROXIMATE SURFACE AREA OF 3,000 SF/CLARIFIER.

COORDINATION/SEQUENCE

- CITY STAFF IS RESPONSIBLE FOR ISOLATING AND DRAINING EACH CLARIFIER. ALL ISOLATION VALVES (AND/OR EFFLUENT WEIR TROUGH OPERATOR) SHALL BE OPERATED BY CITY STAFF.
- ANY SLUDGE REMAINING AT THE BOTTOM OF THE CLARIFIER SHALL BE DRAINED VIA THE 6-INCH SLUDGE DRAIN LINE. CONTRACTOR SHOULD ANTICIPATE THAT SOME SLUDGE WILL REMAIN. ANY REMAINING SLUDGE SHALL BE REMOVED BY THE CONTRACTOR AND DISPOSE OF ONSITE SLUDGE AT THE EXISTING SLUDGE HOLDING PONDS.

MECHANICAL IMPROVEMENTS

- ALL CLARIFIER EQUIPMENT REPLACEMENT COMPONENTS ARE PROPRIETARY AND SHALL BE SUPPLIED CLARI CONE @AS MANUFACTURED BY CHICAGO BRIDGE & IRON (CB&I).



SECTION B

SCALE: 3/16"=1'-0"

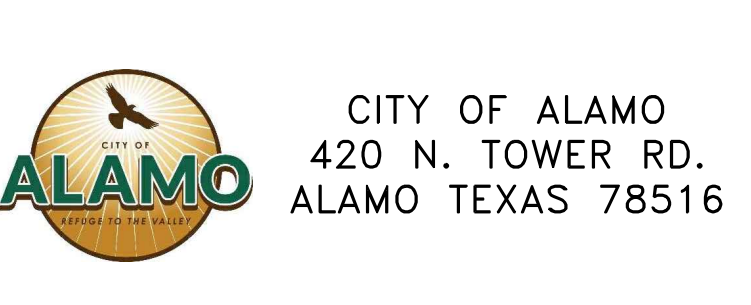
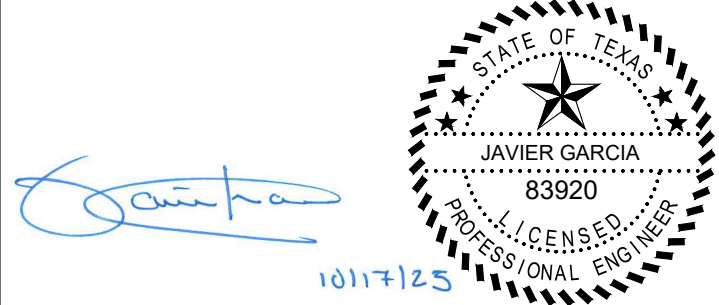
PATCHALL PIN HOLES WITH 1/4" STEEL PLATE (WELDED) OVERLAP 2"



PIN HOLE

Designed:			
Drawn:			
Checked:			
Approved:			
File: 1132-PH1B-S7-M02.DWG			

Revision	Date	Description
1	2025/11/14	ADDENDUM 1



CITY OF ALAMO
WATER TREATMENT PLANT
CLARICONE CLARIFIER REHABILITATION AND PROTECTIVE COATING

CLARIFIER NO. 1 AND NO. 2 SECTION

PROJ. NO. 1132

M2

SHT 7 OF 9