



COMPLEX PROJECTS
REQUIRE RESOLVE
THRASHER'S GOT IT

VILLAGE OF CALDWELL
NOBLE COUNTY, OHIO
PRISON PUMP STATION

ADDENDUM #2

AUGUST 20, 2026

THRASHER PROJECT #T20-11309



TO WHOM IT MAY CONCERN:

The following are clarifications and responses to questions posed by contractors for the above-referenced project.

A. **GENERAL**

1. **THE BID FORM HAS BEEN REVISED. YOU MUST USE THE REVISED BID FORM WHEN PREPARING YOUR BID PACKAGE FOR THIS PROJECT.**
2. The Estimate has been revised.

B. **SPECIFICATIONS**

1. Specification 012000 Price and Payment Procedures has been revised.

C. **DRAWINGS**

1. Sheet 1 has been revised.
2. Sheet 2 has been revised.
3. Sheet E2 has been revised.

D. **QUESTIONS AND RESPONSES**

1. **QUESTION**

Please see the attached for your consideration. I received this from a pump supplier out of Marietta, OH as a proposed alternative for the pumps.

RESPONSE

The Power-Flo Pump submitted for consideration is not a chopper pump and will not be considered as an “or equal” to the specified pump.

2. QUESTION (Part 1)

In reviewing the reissued Bidding Documents, Vulcan noticed this is a BABA project. Their proposed VKR screen is indeed BABA compliant. However, their EWP 150/600 washing press does not meet these requirements. Are you able to confirm this is definitely a BABA project and if so, how you would like to handle the washing press, which as you know, is being bid as an alternate?

RESPONSE

The project is funded through the Ohio Public Works Commission and requires compliance with the American Iron and Steel and the Build America, Buy America Act. Unless a waiver can be obtained, a manufacturer’s certification will be required.

QUESTION (Part 2)

It is our understanding that the waiver request has to be applied for by the grant recipient. It cannot be applied for by an equipment manufacturer. Maybe you can make the request based on the fact that it is an in-kind replacement of an existing piece of equipment.

RESPONSE

Bid Item #19 Washing Press (Additive Alternate 1) has been removed from the Bid Form.

3. QUESTION

Please see attached pump proposal.

RESPONSE

The proposed Pentair Hydromatic pump does not meet the qualifications of the specified pump and will not be considered as an “or equal”.

4. QUESTION

Will you allow MTU generator as acceptable generator manufacturer?

PART 2 - PRODUCTS	
2.1	MANUFACTURERS
A.	Manufacturers: Subject to compliance with requirements, provide products by one of the following:
1.	Caterpillar, Inc.; Engine Div.
2.	Kohler Co; Generator Division.
3.	Cummins, Power Generation.
4.	Generac
B.	Refer to Electrical Drawings for sizing requirements.
2.2	ENGINE GENERATOR SET
A.	Each generator set shall be rated for continuous service at 100 KW, 277/480V AC, 3 phase, 4 wire, 60hz.
B.	Furnish a coordinated assembly of compatible components.
STATIONARY PACKAGED ENGINE GENERATORS	
263213 - 3	

RESPONSE

The owner will accept MTU as an acceptable manufacturer provided the manufacturer reviews the proposed electrical loads and confirms that their 100 KW generator will work properly with this station. The other manufacturers listed were very close in sizing for operating both pumps.

5. QUESTION

Can the concrete wet well and valve vault be substituted with a fiberglass package?
See attached for reference. (Fiberglass Pump Station document)

RESPONSE

The proposed fiberglass package will not be considered for substitution of the specified pump station.

6. QUESTION

Is the design committed to a separate wet well and valve vault or is something like this acceptable? (Oldcastle Onelift Station document)

RESPONSE

The proposed combination wet well / valve vault will not be considered for substitution of the specified pump station.

7. QUESTION

Specification 443140: Vulcan Industries Model VKR-18 Link-Type Multi-Rake Bar Screen has the following lead times:

- 8 - 10 weeks for submittal drawings after PO is received.
- 36 - 40 weeks for equipment shipped after receipt of approved submittal drawings

This is a timeline of 44 – 50 weeks for Vulcan's work, not including the time it will take for the GC to draft and deliver a PO, submittals to be revised and/or approved, shipping, and installation times. This is likely going to become a timeline of 52 – 60 weeks.

I would propose extending the substantial completion time to 420 days to account for these lead-times. Otherwise, GCs will have to include \$1500/day LDs in our bid. At a 210 day difference, that is \$315,000 in LDs.

RESPONSE

The Contract Times for the work related to the proposed bar screen ONLY will be extended by change order. This portion of the contract will be substantially complete within 385 days and completed and ready for final payment within 415 days after the date when the contract times commence to run.

8. QUESTION

Specification 330130.13: What will be the required tests for the new installation? Is a vacuum test acceptable for the new wet well, or is exfiltration/watertight test also required?

RESPONSE

All manhole testing as specified will be required.

9. QUESTION

Allowance states “as well as all costs to the Contractor for mounting the PLC control enclosure and providing all conduit, cabling, wire pulling, and field-side terminations to and from the PLC control enclosures not otherwise performed by WA”. This sounds like the general contractor is responsible for mounting, conduit, cabling, wire pulling, and field-side terminations.

If that is the case:

- We will need a location of where these PLCs will be located to accurately price the mounting, conduit, cabling, wire pulling, and field-side terminations.
- We will need to know conduit size and cable type to accurately price this.

The bid form has an allowance of \$230,000.00 already filled in. Wells Automation’s allowance quote is \$230,000.00. Where am I to price my portion of the SCADA allowance?

RESPONSE

Bid Item 19 – PLC Control Enclosure Mounting has been added to the Bid Form. Please see the attached (Attachment 1) response from Wells Automation, LLC regarding the PLC locations and conduit and cable type.

In accordance with Article 13 of the General Conditions, a 5% fee has been added to the allowance stipulated on the Bid Form.

10. QUESTION

Specification 262923: 2.3 – D – 1 – a: This states that the VFD will be controlled by a PT, but drawings show LT. What is to be used here? Please include manufacturers and range for instruments required.

RESPONSE

VFD level control is acceptable via pressure transducer or ultrasonic level transducer. Acceptable manufacturers include Siemens, Emerson, VEGA, or Engineer’s approved equal.

11. QUESTION

Specification 443140: For the mechanically cleaned bar screen at the wastewater treatment plant headworks, please provide or confirm the concrete channel dimensions, design/peak flows, and invert elevations, and confirm whether the headworks must remain in service during installation or if bypass pumps will be

required (bypass piping is shown in Bid Item 53). If bypass pumps are required, please provide requirements for bypass: capacity, redundancy, monitoring, etc.

RESPONSE

Concrete channel dimensions are as shown on the plans. Contractor shall field verify all existing dimensions prior to ordering any equipment or materials. Peak flow rating of the bar screen is 3.0 MGD. The current bypass through to the manual bar screen channel will be maintained through construction.

12. QUESTION

Specification 443140.01: The washing press model specified (EWP 150-600) is not BABA compliant, per the manufacturer. Please advise or give alternatives that meet BABA requirements.

RESPONSE

See response to Question 2 (Part 2).

13. QUESTION

Specification 330600: Section 330600 – Temporary Bypass Pumping does not include requirements for bypass capacity or TDH, please provide.

RESPONSE

Temporary bypass pumping capacity shall be 900 gpm @ 65' TDH.

14. QUESTION

Drawing D1: Detail for reconnection notes “cast in place flexible pipe” as connection to manhole, yet the connection to existing manhole detail shows use of link seals. Please confirm that either option is acceptable for all pipe penetrations into manholes.

RESPONSE

Either option is acceptable for all pipe penetrations into manholes.

15. QUESTION

Specification 312500 & Drawings ES1 and ES2: Does this project require a SWPPP? Drawings show perforated risers, erosion control matting, dewatering zones, sediment dams, sediment basins, ditch checks, etc. Site plan does not show any of this. Is silt fence/silt sock acceptable if maintained throughout project?

RESPONSE

A SWPPP is not required for this project. Erosion & Sedimentation Controls are required, but not all details provided in the plans and specifications are applicable. Silt fence and silt sock are acceptable if maintained.

16. QUESTION

Drawing 1: Drawing says “replace top of manhole”. What are the dimensions of the current manhole? What are the dimensions of the section to be replaced? Is the top of manhole damaged?

Does existing manhole require any level transmitter for monitoring?

RESPONSE

The existing manhole / wet well is 4'-0" and 15.4' deep. The eccentric cone section to be replaced is approximately 36" deep. If this section remains undamaged during demolition, replacement may be limited to the adjustment of the final grade of the frame and cover upon Owner approval. No level transmitter will be required for the existing manhole.

17. QUESTION

Drawing D1: Sanitary Sewer Manhole Modification Detail – Is the existing sewer line at the bottom of the manhole going to the existing tank shown on Drawing #1?

RESPONSE

The existing sewer shown at the bottom of the manhole in the Sanitary Sewer Manhole Modification Detail does not exist and is not applicable to this project.

18. QUESTION

Drawing 1: What are the dimensions of the existing tank? How deep is this tank? What are we to fill this existing tank with? Is flowable fill acceptable?

The drawings show the 10" Force Main coming out of the manhole as well, does it not pull from the existing tank? What is the existing tank used for? Please provide clarification of the existing piping between manhole and tank.

RESPONSE

The existing "tank" is an above-grade Quonset-style lift station enclosure housing the existing self-priming style pumps and controls. The enclosure measures approximately 7' wide by 10' long by 5' high. The existing suction lift intakes in the existing manhole / wet well bend horizontally at an unknown depth and enter the lift station through the floor after returning vertical. The pumps then discharge to the 10" force main below grade prior to it exiting the enclosure footprint. See revised sheets 1, 2, and E2. The exact location of the existing force main is unknown and need to be field verified.

19. QUESTION

Drawing 3: Can you provide information as to what base the existing manhole is setting on? The new wet well will be constructed just a couple of feet from the existing, so a large portion of the existing will be exposed during construction, while the existing remains in service. If there is no evidence of a suitable base provided, please provide detail as to how this will be supported during construction.

RESPONSE

No geotechnical investigation has been performed for this project. The Contractor shall take all reasonable measures to protect any exposed existing structures from damages from nearby equipment during construction.

20. QUESTION

Specification 333216 / E3: Spec says disconnect switch. Does this mean that the pump control panel has a disconnect switch that kills power to the whole panel, or each VFD is to have a disconnect switch so that they can be independently locked out, or should each VFD have its' own control panel with its' own disconnect switch?

RESPONSE

The pump control panel has one (1) disconnect switch. Each VDF has its own circuit breaker.

21. QUESTION

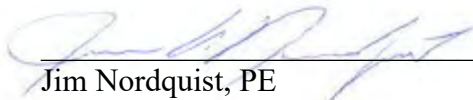
Excel Fluid Group respectfully requests your review and consideration of the enclosed alternate Chopper pumps for the Caldwell Prison Sewage Pumping Station project. We are proposing the use of Barnes SITHE Chopper Pumps as an alternate to the currently specified pumping equipment.

RESPONSE

The proposed Barnes SITHE Chopper Pump has been reviewed and will not be considered as an "or equal" to the specified pump for this project.

As a reminder, bids will be received until 1:00 p.m. on August 26, 2026, at the Village Administrator's Office located at 215 West St, Caldwell, OH 43724. Good luck to everyone and thank you for your interest in the project.

Sincerely,
THE THRASHER GROUP, INC.



Jim Nordquist, PE
Sr. Project Manager

BID FORM FOR CONSTRUCTION CONTRACT

The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

ARTICLE 1—OWNER AND BIDDER

1.01 This Bid is submitted to:

***Village of Caldwell
215 West St
Caldwell, OH 43724***

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2—ATTACHMENTS TO THIS BID

2.01 The following documents are submitted with and made a condition of this Bid:

A. Bid Opening Requirements

ARTICLE 3—BASIS OF BID—LUMP SUM BID AND UNIT PRICES

GENERAL

The Bidder shall take notice of and shall be responsible for any local or state taxes levied and applicable, and the cost for the same shall be included as part of the submitted Bid.

The total Bid cost stated includes a complete operating installation including furnishing and installation of any and all changes or additions in plans, piping, mechanical work, additional electrical work, accessories, controls, etc. necessary to accommodate alternative equipment systems or materials used in construction.

BID PROPOSAL

The Bidder agrees to perform all required Work described in the detailed Specifications and as shown on the Plans for the complete construction and placing in satisfactory operation the **Prison Pump Station**. The Project "Sequence of Construction" has been detailed in the Drawings and Specification Division 1, Project Summary, Section 011000. The Bidder agrees to perform all the Work proposed for the total of the following Bid prices.

3.01 *Lump Sum Bids*

A. Bidder will complete the Work in accordance with the Contract Documents for the lump sum (stipulated) price(s), together with any Unit Prices indicated in Paragraph 3.02 and shown in the bid schedule.

~~B. Lump Sum Bids may be one of the following:~~

~~1. Lump Sum Price (Single Lump Sum)~~

~~2. Lump Sum Price (Base Bid and Alternates)~~

~~3. Lump Sum Price (Sectional Lump Sum Bids)~~

- C. All specified cash allowance(s) are included in the price(s) set forth in the bid schedule and have been computed in accordance with Paragraph 13.02 of the General Conditions.
- D. All specified contingency allowances are included in the price(s) set forth in the bid schedule and have been computed in accordance with Paragraph 13.02 of the General Conditions.

3.02 Unit Price Bids

- A. Bidder will perform the following Work at the indicated unit prices as shown in the Bid Schedule.
- B. Bidder acknowledges that:
1. each Bid Unit Price includes an amount considered by Bidder to be adequate to cover Contractor's overhead and profit for each separately identified item, and
 2. estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Work will be based on actual quantities, determined as provided in the Contract Documents.

3.03 Total Bid Price (Lump Sum and Unit Prices)

PROPOSED REBID 1 - PRISON PUMP STATION FOR THE

VILLAGE OF CALDWELL
NOBLE COUNTY, OHIO

THRASHER PROJECT #T20-11309

BID SCHEDULE

Item #	DESCRIPTION	QTY.	UNIT	UNIT COST	COST
1	MOBILIZATION/ DEMOBILIZATION	1	LS		
2	PRECONSTRUCTION VIDEO RECORDING	1	LS		
3	EROSION AND SEDIMENTATION CONTROLS	1	LS		
4	GENERATOR WITH ATS	1	LS		
5	DEMOLITION OF EXISTING PUMP STATION	1	LS		
6	SUBMERSIBLE PUMP STATION	1	LS		

Item #	DESCRIPTION	QTY.	UNIT	UNIT COST	COST
7	AERATION FOR WET WELL	1	LS		
8	ADDITIONAL BAR SCREEN	1	LS		
9	GRINDER PUMPS	1	LS		
10	STATIONARY LIFT/HOIST	1	LS		
11	TEMPORARY BYPASS PUMPING	1	LS		
12	EMERGENCY BYPASS	1	LS		
13	CONNECT TO EXISTING SANITARY SEWER	1	EA		
14	CONNECT TO EXISTING FORCEMAIN	1	EA		
15	CCA TREATED WOOD FENCE	144	LF		
16	BOLLARDS	3	EA		
17	CONCRETE PAD	20	CY		
18	SCADA SYSTEM	ALLOWANCE		\$241,500.00	
19	PLC CONTROL ENCLOSURES MOUNTING	1	LS		

TOTAL BID ACTIVITY (GENERAL) _____

~~WASHING PRESS (ADDITIVE ALTERNATE 1):~~

Item #	DESCRIPTION	QTY.	UNIT	UNIT COST	COST
19	WASHING PRESS	1	LS		

~~TOTAL (ADDITIVE ALTERNATE 1) _____~~

NOTE: THE CONTRACTOR'S UNIT PRICES SHALL INCLUDE PURCHASE AND INSTALLATION, COMPLETE IN PLACE, PER BID ITEM IN ACCORDANCE WITH THE DETAILED SPECIFICATIONS.

Bidder acknowledges that (1) each Bid Unit Price includes an amount considered by Bidder to be adequate to cover Contractor's overhead and profit for each separately identified item, and (2) estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all unit price Bid items will be based on actual quantities, determined as provided in the Contract Documents.

3.04 *Method of Award [NOTE: Select the proper Method shown below including Alternates if utilized)]*

Method of Award = Lowest Qualified Bidder (Regular)

If at the time this contract is to be awarded, the lowest total bid submitted by a qualified, responsive, responsible Bidder does not exceed the amount of funds then estimated by the Owner, as available to finance the contract, the construction contract will be awarded. If such bids exceeds such amount, the owner may reject all bids.

- A. Unit prices have been computed in accordance with paragraph 13.03.A of the General Conditions.
- B. Bidder acknowledges that estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Bid items will be based on actual quantities, determined as provided in the Contract Documents.

{OR}

~~{Method of Award = Lowest Qualified Bidder (Deductive Alternate)}~~

~~—— If at the time this Contract is to be awarded, the lowest total bid submitted by a qualified, responsive, responsible bidder, as listed in contract does not exceed the amount of funds estimated by the Owner, as available to finance the contract, the construction contract will be awarded. If such bids exceeds such amount, the Owner may reject all bids. The Owner may award the contract on the total bid submitted by a qualified, responsive, responsible bidder, less the amount(s) of the deductive alternate(s) subtracted in numerical order to produce the lowest bid within the funds available for financing.~~

- ~~A. Unit prices have been computed in accordance with paragraph 13.03.A of the General Conditions.~~
- ~~B. Bidder acknowledges that estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Bid items will be based on actual quantities, determined as provided in the Contract Documents.~~

{OR}

~~{Method of Award = Lowest Qualified Bidder (Additive Alternates)}~~

~~{Apply in numerical order as in deductive}~~

~~—— If at the time this contract is to be awarded, the lowest total bid submitted by a qualified, responsive, responsible Bidder does not exceed the amount of funds then estimated by the Owner, as available to finance the contract, the construction contract will be awarded. Awarding of Additive Alternate(s) will not affect the lowest Bidder. If such bids exceed such amount, the Owner may reject all bids.~~

~~The Owner will award the contract on the total base bid amount inclusive or exclusive of alternates as determined by the Owner and submitted by a qualified, responsive, responsible Bidder. The Owner may elect to award any or all of the additive alternates in no particular order.~~

~~A. Unit prices have been computed in accordance with paragraph 13.03.A of the General Conditions.~~

~~B. Bidder acknowledges that estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Bid items will be based on actual quantities, determined as provided in the Contract Documents.~~

{OR}

{Method of Award = Lowest Qualified Bidder (Multiple Contracts)}

{Only if Necessary, If one company bids all contracts, they can add a % deduction to their total bid}

~~—— If at the time this contract is to be awarded, the lowest total bid submitted by a qualified, responsive, responsible Bidder does not exceed the amount of funds then estimated by the Owner, as available to finance the contract, the construction contract will be awarded. If such bids exceeds such amount, the owner may reject all bids. The Owner may award the contract on the total bid submitted by a qualified, responsive, responsible bidder after apply the % deduct, if offered, as listed in contract to produce the lowest bid within the funds available for financing.~~

~~A. Unit prices have been computed in accordance with paragraph 13.03.A of the General Conditions.~~

~~B. Bidder acknowledges that estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Bid items will be based on actual quantities, determined as provided in the Contract Documents.~~

{OR}

Method of Award = Lowest Qualified Bidder (Alternate Bids)

~~—— If at the time this contract is to be awarded, the lowest total bid or either alternate total bid submitted by a qualified, responsive, responsible Bidder does not exceed the amount of funds then estimated by the Owner, as available to finance the contract, the construction contract will be awarded. If such bids exceeds such amount, the owner may reject all bids. The Owner may award the contract on the total bid or either alternate total bid submitted by a qualified, responsive, responsible bidder less the amount of the deductive alternate as listed in contract to produce the lowest bid within the funds available for financing.~~

~~A. Unit prices have been computed in accordance with paragraph 13.03.A of the General Conditions.~~

~~B. Bidder acknowledges that estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Bid items will be based on actual quantities, determined as provided in the Contract Documents.~~

~~ARTICLE 4 BASIS OF BID COST PLUS FEE~~

~~4.01 The Contract Price will be the Cost of the Work, determined as provided in Paragraph 13.01 of the General Conditions, together with the following fee, and subject to the Guaranteed Maximum Price.~~

~~4.02 Contractor's Fee~~

~~A. Contractor's fee will be [number] percent of the Cost of the Work. No fee will be payable on the basis of costs itemized as excluded in Paragraph 13.01.C of the General Conditions.~~

~~1. The maximum amount payable by Owner as a percentage fee (Guaranteed Maximum Fee) will not exceed \$[insert cap amount], subject to increases or decreases for changes in the Work.~~

~~B. Contractor's fee will be determined by applying the following percentages to the various portions of the Cost of the Work as defined in Article 13 of the General Conditions. No fee will be payable on the basis of costs itemized as excluded in Paragraph 13.01.C of the General Conditions:~~

Costs	Percent
Payroll costs (See Paragraph 13.01.B.1, General Conditions)	
Materials and Installed Equipment cost (GC 13.01.B.2)	
Amounts to be paid to Subcontractors (GC 13.01.B.3)	
Amount to be paid to special consultants (GC 13.01.B.4)	
Other costs (GC 13.01.B.5)	

~~1. The maximum amount payable by Owner as a percentage fee (Guaranteed Maximum Fee) will not exceed \$[insert cap amount], subject to increases or decreases for changes in the Work.~~

~~C. Contractor's fee will be the fixed sum of \$[number].~~

~~4.03 Guaranteed Maximum Price~~

~~A. The Guaranteed Maximum Price to Owner of the Cost of the Work including Contractor's Fee will not exceed \$[Bidder fill in GMP].~~

~~Deleted~~

~~ARTICLE 5 PRICE PLUS TIME BID~~

~~5.01 Price Plus Time Contract Award (Stipulated Price Contract)~~

~~A. The Bidder to which an award of the Contract will be made will be determined in part on the basis of the Total Bid Price and the total number of calendar days to substantially complete the Work, in accordance with the following:~~

	Description		Amount
A	1. Total Bid Price		\$[number]
	2. Total number of calendar days to substantially complete the Work	[number] days	
	3. Liquidated Damages Rate (from Agreement)	\$[number]/day	
B	4. Adjustment Amount (2 x 3)		\$[number]
A+B	5. Amount for Comparison of Bids		\$[number]

~~B. The purpose of the process in the table above is only to calculate the lowest price plus time (A+B) bid amount for bid comparison purposes. The price for completion of the Work (the Contract Price) is the Total Bid Price.~~

~~C. Bonds required under Paragraph 6.01 of the General Conditions will be based on the Contract Price.~~

5.02 ~~Price Plus Time Contract Award (Cost Plus Fee with Guaranteed Maximum Price Contract)~~

~~A. The Bidder to which an award of Contract will be made will be determined in part on the basis of the Guaranteed Maximum Price and the total number of calendar days to substantially complete the Work, in accordance with the following:~~

	Description		Amount
A	1. Guaranteed Maximum Price		\$(number)
	2. Total number of calendar days to substantially complete the Work	{number} days	
	3. Liquidated Damages Rate (from Agreement)	\$(number)/day	
B	4. Adjustment Amount (2 x 3)		\$(number)
A+B	5. Amount for Comparison of Bids		\$(number)

~~B. The purpose of the process in the table above is only to calculate the lowest price plus time (A+B) bid amount for bid comparison purposes. The price for completion of the Work (the Contract Price) is based on the cost of the Work, plus a fee, subject to a guaranteed maximum price, as set forth in the Agreement.~~

~~C. Bonds required under Paragraph 6.01 of the General Conditions will be based on the Contract Price.~~

Deleted

ARTICLE 6—TIME OF COMPLETION

6.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.

6.02 Bidder agrees that the Work will be substantially complete on or before **[Bidder inserts date]**, and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before **[Bidder inserts date]**.

Deleted

6.03 Bidder agrees that the Work will be substantially complete within **[Bidder inserts number]** calendar days after the date when the Contract Times commence to run as provided in Paragraph 4.01 of the General Conditions, and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions within **[Bidder inserts number]** calendar days after the date when the Contract Times commence to run.

Deleted

6.04 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 7—BIDDER'S ACKNOWLEDGEMENTS: ACCEPTANCE PERIOD, INSTRUCTIONS, AND RECEIPT OF ADDENDA

7.01 *Bid Acceptance Period*

A. This Bid will remain subject to acceptance for 90 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

7.02 *Instructions to Bidders*

- A. Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security.

7.03 *Receipt of Addenda*

- A. Bidder hereby acknowledges receipt of the Addenda: **ACKNOWLEDGE IN BOR-3.**

ARTICLE 8—BIDDER’S REPRESENTATIONS AND CERTIFICATIONS

8.01 *Bidder’s Representations*

- A. In submitting this Bid, Bidder represents the following:
1. Bidder has examined and carefully studied the Bidding Documents, including Addenda.
 2. Bidder has visited the Site, conducted a thorough visual examination of the Site and adjacent areas, and become familiar with the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
 3. Bidder is familiar with all Laws and Regulations that may affect cost, progress, and performance of the Work.
 4. Bidder has carefully studied the reports of explorations and tests of subsurface conditions at or adjacent to the Site and the drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, with respect to the Technical Data in such reports and drawings.
 5. Bidder has carefully studied the reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, with respect to Technical Data in such reports and drawings.
 6. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and the Technical Data identified in the Supplementary Conditions or by definition, with respect to the effect of such information, observations, and Technical Data on (a) the cost, progress, and performance of the Work; (b) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, if selected as Contractor; and (c) Bidder’s (Contractor’s) safety precautions and programs.
 7. Based on the information and observations referred to in the preceding paragraph, Bidder agrees that no further examinations, investigations, explorations, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract.
 8. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
 9. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and of discrepancies between Site conditions and the Contract Documents, and the written resolution thereof by Engineer is acceptable to Contractor.
 10. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.
 11. The submission of this Bid constitutes an incontrovertible representation by Bidder that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

8.02 *Bidder's Certifications*

A. The Bidder certifies the following:

1. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation.
2. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid.
3. Bidder has not solicited or induced any individual or entity to refrain from bidding.
4. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 8.02.A:
 - a. Corrupt practice means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process.
 - b. Fraudulent practice means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition.
 - c. Collusive practice means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels.
 - d. Coercive practice means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

BIDDER hereby submits this Bid as set forth above:

Bidder:

(typed or printed name of organization)

By:

(individual's signature)

Name:

(typed or printed)

Title:

(typed or printed)

Date:

(typed or printed)

If Bidder is a corporation, a partnership, or a joint venture, attach evidence of authority to sign.

Attest:

(individual's signature)

Name:

(typed or printed)

Title:

(typed or printed)

Date:

(typed or printed)

Address for giving notices:

Bidder's Contact:

Name:

(typed or printed)

Title:

(typed or printed)

Phone:

Email:

Address:

Bidder's Contractor License No.: (if applicable)

ESTIMATE

The approximate work to be bid upon is described as follows:

Removal and Replacement of an existing lift station with a new wet-well type submersible and related appurtenances.

The Engineer's Estimate for cost of base bid construction is: **\$1,517,400.00.**

~~The Engineer's Estimate for cost of Additive Alternate 1 construction is: \$70,000.00.~~

SECTION 012000 - PRICE AND PAYMENT PROCEDURES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract Documents, including General and Supplementary Conditions, and all related Specification Sections, apply to this Section.

1.2 SECTION INCLUDES

- A. Cash allowances.
- B. Schedule of Values.
- C. Application for Payment.
- D. Measurement and Payment

1.3 CASH ALLOWANCES (If provided in the Bid Form)

- A. Costs Included in Cash Allowances: Cost of product to Contractor or Subcontractor, less applicable trade discounts; delivery to Site and applicable taxes unless stated otherwise in Allowance Schedule.
- B. Costs Not Included in Cash Allowances but Included in Contract Sum/Price: Product handling at Site including unloading, uncrating, and storage; protection of products from elements and from damage; and labor for installation and finishing unless stated otherwise in Allowance Schedule.
- C. Engineer Responsibilities:
 - 1. Consult with Contractor for consideration and selection of products suppliers and installers.
 - 2. Select products in consultation with Owner and transmit decision to Contractor.
 - 3. Prepare Change Order.
- D. Contractor Responsibilities:
 - 1. Assist Engineer in selection of products, suppliers, and installers.
 - 2. Obtain proposals from suppliers and installers and offer recommendations.
 - 3. Upon notification of selection by Engineer, execute purchase agreement with designated supplier and installer.
 - 4. Arrange for and process Shop Drawings, Product Data, and Samples. Arrange for delivery.
 - 5. Promptly inspect products upon delivery for completeness, damage, and defects. Submit claims for transportation damage.

- E. Differences in costs will be adjusted by Change Order.
- F. Allowance Schedule: If provided in and as per the Bid Form
- G. Differences in cost between allowance(s) and actual cost(s) will be adjusted by Change Order.

1.4 SCHEDULE OF VALUES (As required for Lump Sum Project or Bid Item Breakdown on Unit Price Project)

- A. Submit printed schedule on Progress Estimate schedule on EJCDC C-620.
- B. Submit Schedule of Values within 20 days after date established in Notice to Proceed.
- C. Format for Lump Sum Project: Use Table of Contents of this Project Manual. Identify each line item with number and title of major Specification Section.
- D. Revise schedule to list approved Change Orders with each Application for Payment.

1.5 APPLICATION FOR PAYMENT

- A. Submit six (6) executed copies of each Application for Payment on EJCDC C-620 - Contractor's Application for Payment.
- B. Submit six (6) copies of executed copies of Abnormal Weather Conditions forms regardless if any days are claimed or not and Affidavit of Payment.
- C. Submit six (6) American Iron and Steel Qualifying and De Minimus Materials List (if required by the Contract Documents).
- D. Payment Period: Submit at intervals stipulated in the Agreement.

1.6 MEASUREMENT AND PAYMENT

- A. Take measurements and compute quantities. Engineer will verify measurements and quantities.
- B. Unit Quantities: Quantities and measurements indicated on Bid Form are for Contract purposes only. Actual quantities provided shall determine payment.
- C. Payment Includes: Full compensation for required labor, products, tools, equipment, plant and facilities, transportation, services and incidentals; erection, application, or installation of item of the Work; overhead and profit.
- D. Final payment for Work governed by unit prices will be made on basis of actual measurements and quantities accepted by Engineer multiplied by unit sum/price for Work incorporated in or made necessary by the Work.
- E. Measurement of Quantities:

1. Weigh Scales: Inspected, tested, and certified by state in which work is being performed or state of origin of materials within past year.
2. Platform Scales: Of sufficient size and capacity to accommodate conveying vehicle.
3. Metering Devices: Inspected, tested, and certified by state in which work is being performed or state of origin of materials within past year.
4. Measurement by Weight: Concrete reinforcing steel, rolled or formed steel, or other metal shapes will be measured by handbook weights. Welded assemblies will be measured by handbook or scale weight.
5. Measurement by Volume: Measured by cubic dimension using mean length, width, and height or thickness.
6. Measurement by Area: Measured by square dimension using mean length and width or radius.
7. Linear Measurement: Measured by linear dimension, at item centerline or mean chord.
8. Stipulated Sum/Price Measurement: Items measured by weight, volume, area, or linear means or combination, as appropriate, as completed item or unit of the Work.

F. Payment

1. **General Conditions, Supplemental General Conditions, Specification Section 011000 through 017839 Except for General Conditions - Mobilization/Demobilization, Section 015000 - Temporary Facilities and Controls and Section 015700 – Traffic Control.**

Incidental

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which it is required.
- B. No additional compensation shall be made.

2. **General Conditions – Mobilization/Demobilization**

Bid Item 1 – Mobilization/Demobilization – Lump Sum

- A. When a lump sum bid item for Mobilization/Demobilization is provided in the Bid Form, this work shall be paid for at the lump sum bid price for construction preparatory operations including, but not limited to, the movement of personnel and equipment to the project site and the establishment of field office(s), building(s), and/or other facilities, payment of all bonding and insurance costs incurred by the Contractor, and the installation of the project sign if a sign is required in the Supplemental General Conditions.

In no case shall the lump sum bid price for Mobilization/Demobilization exceed five percent (5%) of the total bid.

Partial payment not exceeding three percent (3%) of the awarded total contract bid price shall be made as part of the first application for payment after mobilization is completed. The balance of this lump sum bid price shall be paid for as part of the first application for payment after final completion.

No deduction shall be made, nor shall any increase be made, in the lump sum bid price for Mobilization regardless of any decreases or increases in the final total contract price or for any other cause.

- B. When a bid item for Mobilization/Demobilization is not provided in the Bid Form, this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which mobilization/demobilization is required.

No additional compensation shall be made.

3. Section 015000 – Temporary Facilities and Controls

Incidental

- A. When a lump sum bid item for Field Office and Sheds is provided in the Bid Form, this work shall be paid for on a prorated basis over the contract length to final completion based on the lump sum bid price.
- B. When a per month bid item for Field Office and Sheds is provided in the Bid Form, this work shall be paid for at the per month bid price.
- C. When a lump sum bid item for Field Office and Sheds is not provided in the Bid Form and a lump sum bid item for Mobilization/Demobilization is provided in the Bid Form, this work shall be included in the lump sum bid price for Mobilization/Demobilization.
- D. When neither a lump sum bid item for Field Office and Sheds is provided in the Bid Form nor a lump sum bid item for Mobilization is provided in the Bid Form, the cost for Field Office and Sheds shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which the Field Office and Sheds are required. No additional compensation shall be made.

4. Section 015700 – Traffic Control

Incidental

- A. When a Lump Sum bid item for Traffic Control is provided in Bid Form, this work shall be paid for at the lump sum bid price or unit bid price.
- B. When a bid item for Traffic Control is not provided in the Bid Form, this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which Traffic Control is required.
- C. No additional compensation shall be made.

5. Section 024010 – Video Recording

Bid Item 2 – Pre-Construction Video Recording – Lump Sum

- A. When a lump sum bid item for Pre-Construction Video Recording is provided in the Bid Form, this work shall be paid for at the lump sum bid price for all location(s) directly and/or indirectly affected by the project.
- B. When a bid item for Pre-Construction Video Recording is not provided in the Bid Form, this work will be completed by others and will not be part of the Contractor's work.

6. Section 024116 – Structure Demolition

Bid Item 5 – Demolition of Existing Pump Station – Lump Sum

- A. The cost for removal of an existing pump station shall be paid for by the unit Bid price for each and include all labor and materials.
- B. The cost for abandoning in place existing manholes shall be paid for by the unit Bid price per each in the Bid Form. Cost shall include all labor and materials for abandonment as required.

7. Section 026360 – Sanitary Sewer Cleaning and Inspection

Incidental

- A. The cost for this work shall be included in the Lump Sum bid price and/or unit bid price(s) for which sanitary sewer line cleaning and inspection is required.
- B. The cost shall include all labor, materials, equipment, disposal of removed debris and all other cost associated with the cleaning and inspection work.

8. Section 033000 – Cast-in-Place Concrete

Bid Item 17 – Concrete Pad – Per Cubic Yard

- A. The cost for the concrete pad shall include the work for grading and leveling the area for the concrete pad, forming the pad, labor and materials to finish the concrete, and all required testing.
- B. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which cast-in-place concrete is required.
- C. No additional compensation shall be made.

9. Section 033050 – Crystalline Concrete Waterproofing

Incidental

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which waterproofing is required.

- B. No additional compensation shall be made.

10. Section 036000 – Grouting

Incidental

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which grouting is required.
- B. No additional compensation shall be made.

11. Section 061000 – Rough Carpentry

Incidental

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which rough carpentry is required.
- B. No additional compensation shall be made.

12. Section 061600 - Sheathing

Incidental

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which sheathing is required.
- B. No additional compensation shall be made.

13. Section 074113.13 – Formed Metal Wall and Roof Panels

Incidental

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which formed metal wall and roof panels are required.
- B. No additional compensation shall be made.

14. Section 076200 – Sheet Metal, Flashing and Trim

Incidental

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which sheet metal, flashing and trim is required.
- B. No additional compensation shall be made.

15. Section 099000 – Painting and Coating

Incidental

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which painting and coating is required.
- B. No additional compensation shall be made.

16. Section 099651 – Non-Structural Spray-On Manhole Rehabilitation

Incidental

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) where all cleaning, repairs, spray lining materials, labor and testing for a complete rehabilitation is required.
- B. If no bid items are provided for temporary bypass pumping and traffic control, those costs shall be included in the lump sum bid item(s) and/or unit bid item(s).
- C. No additional compensation shall be made.

17. Section 260500 – Basic Electric Materials and Methods

Incidental

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which required.
- B. No additional compensation shall be made.

18. Section 260519 – Conductors and Cables

Incidental

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which required.
- B. No additional compensation shall be made.

19. Section 260526 – Grounding and Bonding

Incidental

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which required.

- B. No additional compensation shall be made.

20. Section 260529 – Supporting Devices

Incidental

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which required.
- B. No additional compensation shall be made.

21. Section 260533 – Raceways and Boxes

Incidental

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which required.
- B. No additional compensation shall be made.

22. Section 262416 – Panel Boards

Incidental

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which required.
- B. No additional compensation shall be made.

23. Section 262700 – Mini Power Centers

Incidental

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) requiring general purpose, individually mounted mini power centers.
- B. No additional compensation shall be made.

24. Section 262762 – Wiring Devices

Incidental

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which required.
- B. No additional compensation shall be made.

25. Section 262813 – Fuses

Incidental

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which required.
- B. No additional compensation shall be made.

26. Section 262816 – Enclosed Switches and Conduit Breakers

Incidental

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which required.
- B. No additional compensation shall be made.

27. Section 262923 – Variable Frequency Drives

Incidental

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) requiring the variable frequency drives.
- B. No additional compensation shall be made.

28. Section 263200 – Automatic Transfer Switches

Bid Item 4 – Generator with ATS – Lump Sum

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which required.
- B. No additional compensation shall be made.

29. Section 263213 – Stationary Packaged Engine Generators

Bid Item 4 – Generator with ATS – Lump Sum

- A. The cost of this work shall be included in a lump sum bid item and include all electrical work, cables and connectors and transfer switch for a complete and operable system.

30. Section 310513 – Soils for Earthwork

Incidental

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which soils for earthwork is required.
- B. No additional compensation shall be made.

31. Section 310516 – Aggregates for Earthwork

Incidental

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which soils for earthwork is required.
- B. No additional compensation shall be made.

32. Section 311100 – Clearing, Grubbing, and Restoration

Clearing and Grubbing - Incidental

- A. The cost for this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which clearing and/or grubbing are required.
- B. No additional compensation shall be made.
- C. All trees and vegetation within temporary construction easement limits shall be cleared (and grubbed if so specified) unless the property owner indicates in writing that certain trees are to remain and that the property owner will assume all responsibilities for removal of the trees in the future. Any such letter from the property owner shall be submitted to the Engineer for the record.

33. Section 312316 – Excavation

Incidental

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which excavation is required. No additional compensation shall be made.
- B. Unless otherwise provided, all excavation shall be unclassified regardless of the material encountered. No additional compensation shall be made for rock or any soft or otherwise unsuitable material. No additional compensation shall be made for dewatering and/or sheet piling.

34. Section 312316.13 – Trenching

Incidental

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which trenching is required. No additional compensation shall be made.
- B. Unless otherwise provided, all excavation shall be unclassified regardless of the material encountered. No additional compensation shall be made for rock or any soft or otherwise unsuitable material. No additional compensation shall be made for dewatering and/or sheet piling.

35. Section 312319 – Dewatering

Incidental

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which dewatering is required.
- B. No additional compensation shall be made.

36. Section 312323.33 – Flowable Fill

Incidental

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which flowable fill is required.
- B. No additional compensation shall be made.

37. Section 312500 – Erosion and Sedimentation Controls

Bid Item 3 – Erosion and Sedimentation Controls – Lump Sum

- A. When a lump sum bid item of Erosion and Sedimentation Controls is provided in the Bid Form, this work shall be paid for at the lump sum bid price for all erosion and sedimentation controls at all locations directly and/or indirectly disturbed by the project.

All operation and maintenance costs as well as recordkeeping and reporting costs shall be included in the lump sum bid item.

- B. When a bid item for Erosion and Sediment Controls is not provided in the Bid Form, this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which Erosion and Sediment Controls are required.

All operation and maintenance costs as well as recordkeeping and reporting costs shall be included.

C. No additional compensation shall be made.

38. Section 329119 – Landscaping

Incidental

A. The cost of this work shall be paid for by the lump sum bid price(s) and/or unit bid price(s) as required for reclamation or restoration.

39. Section 330130.13 – Sewer and Manhole Testing

Incidental

A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which testing is required.

B. No additional compensation shall be made.

40. Section 330130.61 – Sewer Manhole and Pipe Joint Sealing

Incidental

A. The cost of this work shall be paid for at the lump sum bid price(s) and/or unit bid price(s) as required.

41. Section 330513 – Manholes and Structures

Incidental

A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which manholes are required.

42. Section 330513.01 – Manhole Frames and Covers

Incidental

A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which manhole frame and covers are required.

B. No additional compensation shall be made.

43. Section 330526 – Utility Identification

Incidental

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for which utility identification is required.
- B. No additional compensation shall be made.

44. Section 330600 – Temporary Bypass Pumping

Bid Item 11 – Temporary Bypass Pumping - Lump Sum

Bid Item 12 – Emergency Bypass - Lump Sum

- A. When a Bid item for Temporary Bypass Pumping is provided in the Bid Form, this work shall be paid for at the lump sum price(s) or unit Bid price(s).
- B. When a Bid item for Emergency Bypass is provided in the Bid Form, this work shall be paid for at the lump sum price(s) or unit Bid price(s).

45. Section 333111 – Public Sanitary Sewerage Gravity Piping

Incidental

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for which public sanitary sewerage gravity piping is required.
- B. Restoration of disturbed area, concrete resurfacing, crushed stone resurfacing and asphalt paving shall be paid for under other Bid Item(s) specified elsewhere.

46. Section 333216 – Packaged Chopper Pump Station

Bid Item 6 – Submersible Pump Station – Lump Sum

Bid Item 9 – Grinder Pumps – Lump Sum

Bid Item 10 – Stationary Lift/Hoist – Lump Sum

Bid Item 15 – CCA Treated Wood Fence – Per Linear Foot

Bid Item 16 – Bollards – Per Each

- A. The cost of this work shall be paid for at the lump sum bid price(s) for each installed.
- B. The cost for the work included for the submersible pump station shall include excavation, stone, concrete, basins and vaults, wooden control panel structures, valves, piping, stone sur-

facing, restoration, parts and appurtenances required on contract drawing and/or specifications for a complete and operational system.

- C. The cost for the work included for the grinder pumps shall include pumps, electrical, control panel, soft start drives, pump connections, restoration, start up, testing and spare pumps, parts and appurtenances required on contract drawing and/or specifications for a complete and operational system.
- D. The cost for the work included for the stationary lift/hoist shall include furnishing and installing specified Thern Model 5FT25-M2 hoist, pedestal, and lifting cable, complete.
- E. The cost for the work included for the CCA treated wood fence shall include all materials, labor, equipment, and incidentals necessary to furnish and install the fence complete, including treated wood line, corner, end, and gate posts; rails, pickets, post caps, and all fasteners and hardware, excavation and disposal of spoil, concrete or other post-setting material, and backfill and compaction.
- F. The cost for the work included for the bollards shall include all materials, labor, equipment, and incidentals necessary to furnish and install the bollard complete, including the bollard post concrete-filled, excavation and disposal of spoil, concrete footing, backfill and compaction, and reflective sleeve.

47. Section 333400 – Sanitary Utility Force Mains

Bid Item 13 – Connect to Existing Sanitary Sewer – Per Each

Bid Item 14 – Connect to Existing Force Main – Per Each

- A. The cost for the work shall include but not limited to excavation, bedding, traceable wire, marking tape, fittings, adaptors, thrust blocks, trenching, compacted backfill, complete for connecting to the existing system.
- B. The cost for restoration of disturbed area(s), concrete, resurfacing, stone resurfacing and asphalt paving shall be paid for at the lump sum price(s) or unit bid price(s).

48. Section 400562 – Plug Valves

Incidental

- A. The cost for plug valves associated with pumping station installations shall be included in the lump sum and/or unit bid price(s) for each station.
- B. The cost for plug valves utilized in a force main cleanout assembly shall be included in the unit bid price for each cleanout assembled installed.
- C. No additional compensation shall be made.

49. Section 400565.23 – Swing Check Valves

Incidental

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) requiring the valves.
- B. No additional compensation shall be made.

50. Section 435510 – Mixing Aeration System

Bid Item 7 – Aeration for Wet Well – Lump Sum

- A. The cost of this work shall include the mobilization to the project site; installation of mixing aeration system; site work; reinforced concrete where necessary; mechanical and electrical work; all necessary instrumentation and controls; startup; and all other associated work and necessary appurtenances for a complete operable system.
- B. No additional compensation shall be made.

51. Section 443140 – Mechanically Cleaned Bar Screen

Bid Item 8 – Bar Screen at Wastewater Treatment Plant – Lump Sum

- A. The cost of this work shall include the mobilization to the wastewater treatment plant; installation of bar screening system; site work; piping modifications; support, anchor and channel or structural manipulations required for installation; mechanical and electrical work; all necessary instrumentation and controls; startup; and all other associated work and necessary appurtenances for a complete operable system.
- B. No additional compensation shall be made.

~~52. Section 443140.01 – Screen Washing and Compacting System Model #EWP 150-600~~

~~Bid Item 19 – Washing Press – Lump Sum (Additive Alternate 1)~~

- ~~A. The cost of this work shall include the mobilization to the wastewater treatment plant; installation of washing press system; site work; mechanical and electrical work; all necessary instrumentation and controls; startup; and all other associated work and necessary appurtenances for a complete operable system.~~
- ~~B. No additional compensation shall be made.~~

52. Bid Item 19 – PLC Control Enclosures Mounting

- A. This item shall be paid for at the Lump Sum contract price, which shall include full compensation for all costs to the Contractor for mounting the SCADA PLC control enclosures and

- providing all conduit, cabling, wire pulling, and field-side terminations to and from the PLC control enclosures not otherwise performed by Wells Automation, LLC.
- B. No additional compensation shall be made.

53. Bid Item 18 – SCADA System

SCADA System – Allowance

- A. The Contractor shall engage Wells Automation LLC (WA) to furnish the design, fabrication, and commissioning of two (2) new PLC control panels and one (1) new SCADA computer for the prison lift station telemetry system. This item shall be paid for at the lump sum Contract price, which shall include full compensation for WA's design, fabrication, testing, delivery, commissioning, and operator training services. ~~as well as all costs to the Contractor for mounting the PLC control enclosures and providing all conduit, cabling, wire pulling, and field-side terminations to and from the PLC control enclosures not otherwise performed by WA.~~
- B. The Contractor shall coordinate scheduling with WA to allow adequate lead time for fabrication and shall provide WA's designated technicians site access as needed for installation oversight, testing, commissioning, and training.
- C. Any scope of work not specifically furnished by WA, including but not limited to field instruments, conduit, wire, wire pulling, and terminations connecting the field side of instruments, shall remain the responsibility of the Contractor.
- D. No additional compensation shall be made.

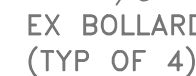
54. General Specifications

- A. The contract Specifications references provided attempt to outline the Contract Bid Item payment methodology for work to be performed. In the event of variation between the Bid Form and the preceding specification section measure and payment descriptions, the Contractor shall contact the Engineer before making any assumptions and proceeding with the Bid Item work or part thereof in question.

PART 2 - PRODUCTS - Not Used

PART 3 - EXECUTION - Not Used

END OF SECTION 012000

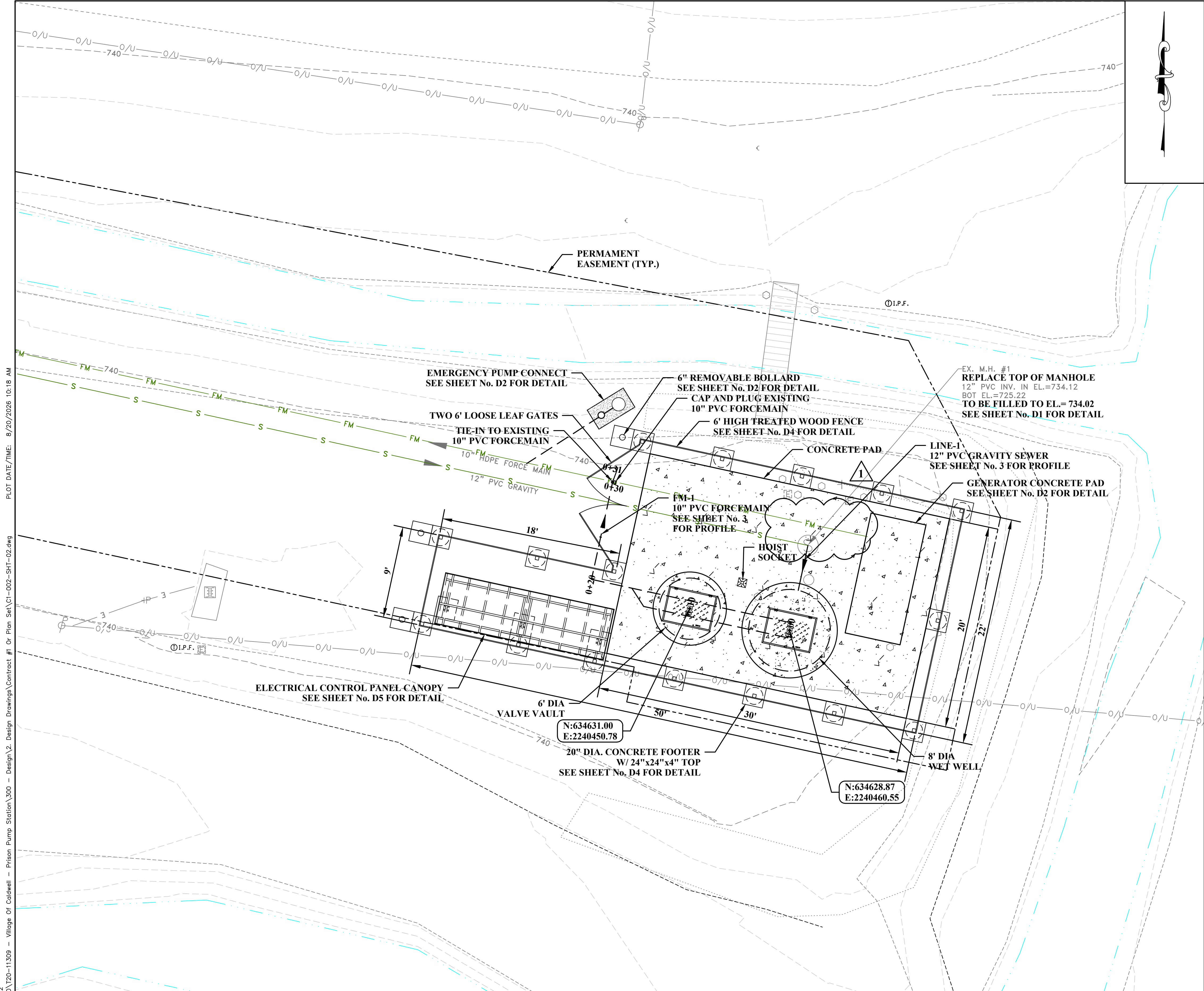


T20-11309

GENERAL NOTE

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE SEQUENCE OF EVENTS. SEE SECTION 011000.
2. REFER TO SHEETS NUMBER D1 THROUGH D5 FOR DETAILS.

100 YEAR FLOOD ELEVATION = 730.5



ADDENDUM #2



THE INFORMATION CONTAINED HEREIN IS THE SOLE PROPERTY OF THE THRASHER GROUP, INC. REPRODUCTION OF THESE DOCUMENTS IN WHOLE OR IN PART, FOR ANY REASON WITHOUT PRIOR WRITTEN PERMISSION, IS STRICTLY PROHIBITED.			
1	J.S	08/26	ADDENDUM #2-FIXED FORCEMAIN DISCREPANCY
NO.	BY	DATE	DESCRIPTION



SCALE: AS SHOWN	
DRAWN: C. ZAHARIA	DATE: 03/2026
CHECKED: A. FECHKO	DATE: 04/2026
APPROVED: J. NORDQUIST	DATE: 04/2026
SURVEY DATE:	
SURVEY BY:	
FIELD BOOK No.:	

THRASHER
THE THRASHER GROUP INC.
CIVIL • ENVIRONMENTAL • CONSULTING • FIELD SERVICES
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PHASE No.
CONTRACT No.
PROJECT No.
T20-11309

VILLAGE OF CALDWELL NOBLE COUNTY, OHIO PRISON PUMP STATION	SHEET No. 2
PROPOSED PUMP STATION SITE PLAN	

CONDUIT AND CONDUCTORS SCHEDULE

CONDUIT NO.	USE	SERVING	CONDUIT		CONDUCTORS SIZE/CONDUIT		FROM	CIRCUIT NO.	NOTES
			NO.	SIZE	WIRE	GROUND			
P-1	POWER	DISCONNECT	1	3"	4-4/0	-----	POWER COMPANY TRANSFORMER	----	2
P-2	POWER	POLE LIGHT	1	3/4"	2-#12	1-#10	MINI POWER ZONE	MPZ-4	---
P-3	POWER	PUMP #1	1	1 1/4"	3-#4	1-#8	PUMP CONTROL PANEL	----	---
P-4	POWER	PUMP #2	1	1 1/4"	3-#4	1-#8	PUMP CONTROL PANEL	----	---
P-5	POWER	ATS	1	2 1/2"	4-4/0	1-#4	GENERATOR	----	---
P-6	POWER	GENERATOR	1	2"	4-#10	2-#10	MINI POWER ZONE	MPZ-9&11	---
C-1	CONTROL	TRANSDUCER & FLOATS	1	1 1/4"	-----	-----	PUMP CONTROL PANEL	----	1
C-2	CONTROL	GENERATOR	1	1"	-----	-----	ATS CONTROLS	----	1

NOTES:

1. CONDUIT WITH CONTROL CONDUCTOR PER MANUFACTURER SPECIFICATIONS.
2. INSTALLED PER POWER COMPANY SPECIFICATIONS.

ELECTRICAL SITE PLAN NOTES :

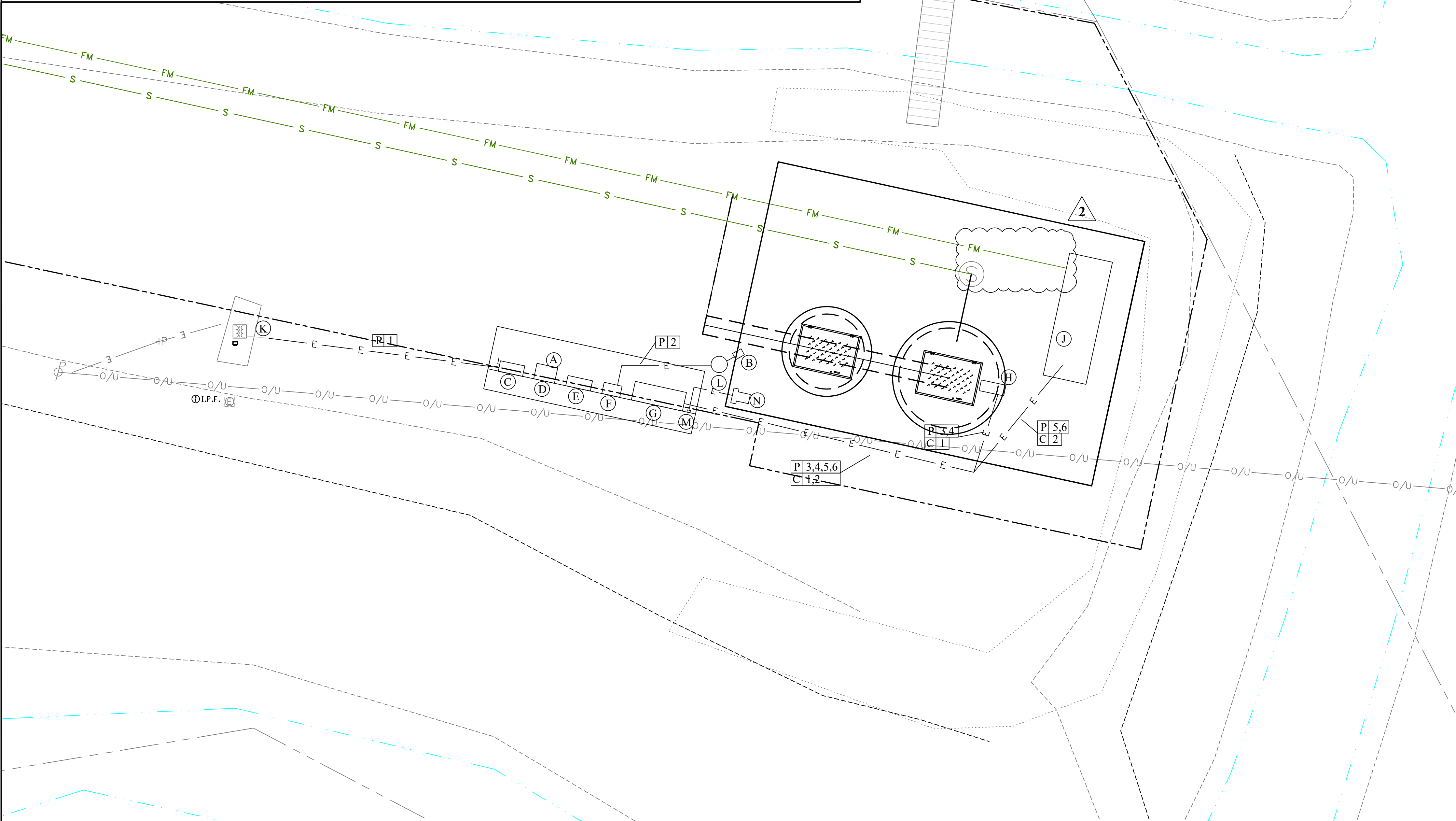
- (A) PANELBOARD.
- (B) POLE LIGHT.
- (C) DISCONNECT SWITCH.
- (D) AUTOMATIC TRANSFER SWITCH.
- (E) TELEMETRY PANEL.
- (F) MINI POWER ZONE. PANEL "MPZ".
- (G) PUMP CONTROL PANEL.
- (H) WET WELL JUNCTION BOX.
- (J) GENERATOR.
- (K) EXISTING SERVICE CONDUIT STUB OUT.
- (L) LIGHT POLE.
- (M) LIGHT SWITCH AND GFCI OUTLET WITH WEATHERPROOF COVERS.
- (N) HIGH-FLOW LOW PRESSURE COMPRESSED AIR BLOWER.

GENERAL ELECTRICAL NOTES :

1. SEE SHEET E3 FOR CONDUIT AND CONDUCTOR DETAILS.
2. CONTRACTOR SHALL COORDINATE ALL SERVICE POWER DISCONNECT AND RECONNECT WORK WITH THE POWER COMPANY. CONTRACTOR SHALL COMMUNICATE WITH THE POWER COMPANY AND ISSUE A WORK ORDER REQUEST FOR DISCONNECT AND RECONNECT FOR THE EXISTING SERVICE.
3. ALL SERVICE POWER CONSTRUCTION SHALL BE INSTALLED PER POWER COMPANY SPECIFICATIONS.

PLOT DATE/TIME: 8/20/2026 10:20 AM

LAYOUT TAG: SH E2
CAD FILE: R:\020\T20-11309 - Village Of Caldwell - Prison Pump Station\300 - Design\2: Design Drawings\Contract # Or Plan Set\CI-030-SHT-E2.dwg



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	1	J.S	08/26	ADDENDUM #2-FIXED FORCEMAIN DISCREPANCY
NO.	BY	DATE	DESCRIPTION	



SCALE: AS SHOWN	
DRAWN: C. ZAHARIA	DATE: 03/2026
CHECKED: A. FECHKO	DATE: 04/2026
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ADDENDUM #2

VILLAGE OF CALDWELL
NOBLE COUNTY, OHIO
PRISON PUMP STATION

ELECTRICAL SITE PLAN

SHEET No.

E2

Village of Caldwell Prison Pump Station PLC Cables 08/20/2026

PLC Cabinet at Lift Station (Shown on Drawing E3 as Telemetry Panel) [R]

- Power 2 #12 and 1 #12 Gnd via conduit [J] as shown from feed panel [S]
- Control 16 #16, 6 STP via conduit [V] as shown from VFD panel [T]
- Communication 2 Cat 6e via a new conduit from VFD panel [T]
- Switched Power 2 #14 and #14 Gnd via a new conduit from Fog Buster (Shown on Drawing E2) [N], wired to a new dedicated receptacle fused down for the Fog Buster motor load
- Control 20 #16, 2 STP via new conduit to Stainless Junction Box [X]
- Factory provided antenna cable via conduit [DD] as shown from antenna mounting location [CC]

Stainless Steel Junction Box (Shown on Drawing E3) [X]

- Control 16 #16, 1 STP via conduit (V) as shown to instruments in the pit

PLC Cabinet at Plant (Not shown on electrical drawings, installation location to be inside the main operator building at the plant, exact mounting location to be coordinated with customer)

- Power 2 #12 and 1 #12 Gnd via a new conduit, location for power feed to be determined from inside electrical room in main operator building at the plant
- Control 8 #16 via a new conduit from new control panel for new bar screen
- Communication 1 Cat 6e via a new conduit from new control panel for new bar screen
- Communication 1 Cat 6e via a new conduit from new SCADA computer in operator building
- Factory provided antenna cable via a new conduit from antenna mounting location on outside of operator building

All STP cable to be Belden 1120A or equivalent, all cables provided by EC need to have insulation rated to 600V. This document shows all conduits for the two new PLC panels. This document does not include power feeds to the VFD panel, motor leads to the motors in the pit, or any other cables or conduits that are already shown and defined on the electrical drawings.

Please let me know if you have any questions about the intended design for cabling for the two new PLC panels.

Thanks,

Justin Wells

Wells Automation LLC