

ERIE COUNTY WATER AUTHORITY
BUFFALO, NEW YORK

CONTRACT NO: NC-35
BALL PUMP STATION
ELECTRICAL SUBSTATION
PROJECT NO: 201600238

(This Bid Form shall not be detached from the Project Manual. The entire Project Manual shall be returned with the executed Bid.)

SECTION 00410

BID FORMS

BID FOR:

Erie County Water Authority
Contract No: NC-35
BALL PUMP STATION ELECTRICAL SUBSTATION
Project No. 201600238

BID TO:

Erie County Water Authority
295 Main Street, Room 350
Buffalo, New York 14203

BID FROM:

Ferguson Electric Construction Co., Inc.

(Print or Type Name of Bidder)

(/A Corporation/A Partnership/A Limited Liability Company/An
Individual/A Joint Venture/[Bidder to strike out inapplicable terms.]

Gentlemen:

- 1.01 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 price(s) and within the times indicated in this Bid and in accordance with the Bidding Documents.

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2.01 Bidder accepts all of the terms and conditions of the Notice to Bidders and Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain open subject to acceptance for the time period set forth in the Instruction to Bidders. Bidder will sign the Agreement and will furnish the required contract security, and other required documents within the time periods set forth in the Bidding Documents.

3.01 In submitting this Bid, Bidder represents, as set forth in the Agreement, that:

A. Bidder has examined and carefully studied the Bidding Documents, the other related data identified in the Bidding Documents, if any, and the following Addenda receipt of all of which is hereby acknowledged.

<u>Addendum No.</u>	<u>Date Received</u>	<u>Addendum No.</u>	<u>Date Received</u>
<u>1</u>	<u>4/06/18</u>	<u> </u>	<u> </u>
<u>2</u>	<u>4/11/18</u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>

B. Bidder has visited the Site and become familiar with and is satisfied as to the general, local and Site conditions that may affect cost, progress, and performance for the Work.

C. Bidder is familiar with and is satisfied as to all federal, state and local Laws and Regulations that may affect cost, progress and performance of the Work.

D. Bidder has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or contiguous to the Site and all drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the Site (except Underground Facilities) which have been identified in the Supplementary Conditions as provided in paragraph 4.02 of the General Conditions, and (2) reports and drawings of a Hazardous Environmental Condition identified at the Site, if any, which have been identified in the Supplementary Conditions as provided in paragraph 4.06 of the General Conditions.

E. Bidder has obtained and carefully studied (or assumes responsibility for having done so) all examinations, investigations, explorations, tests, studies and data concerning conditions (surface, subsurface and Underground Facilities) at or contiguous to the Site which may effect cost, progress or performance of the Work or which relate to any aspect of the means, methods, techniques, sequences and procedures of construction to be employed by Bidder, including applying the specific means, methods, techniques,

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sequences, and procedures of construction expressly required by the Bidding Documents to be employed by Bidder, and safety precautions and programs incident thereto.

- F. Bidder does not consider that any further examinations, investigations, explorations, tests, studies or data are necessary for the determination of this Bid for performance of the Work at the price(s) and within the times and in accordance with the other terms and conditions of the Bidding Documents.
 - G. 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.
 - H. Bidder has correlated the information known to Bidder, information and observations obtained from visits to the Site, reports and drawings identified in the Bidding Documents and all additional examinations, investigations, explorations, tests, studies and data with the Bidding Documents.
 - I. Bidder has given ENGINEER written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and the written resolution thereof by ENGINEER is acceptable to Bidder.
 - J. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance of the Work for which this Bid is submitted.
 - K. The quantities for the unit price items are unpredictable and the ENGINEER has inserted certain quantities in the proposal to be used solely for purpose of comparison of bids.
 - L. Fixed minimum unit prices may have been established for some of the items in the Bid. The prices represent the minimum amounts, which will be paid the CONTRACTOR for these items. The Bidder shall include a price not less than the stated minimum. If in the opinion of the Bidder these prices do not reflect the actual value of the work involved, the Bidder may void the given fixed minimum unit price for that specific item and enter a higher unit price in the spaces provided in the Bid Form sheets. Bidder's Proposals received which include a unit price less than the stated minimum shall be adjusted to meet the fixed minimum unit price.
- 4.01 Bidder further represents that this Bid is genuine and is not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation; Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid; Bidder has not solicited or induced any individual or entity to refrain from bidding; Bidder has not sought by collusion to obtain for itself any advantage over any other Bidder or over OWNER; and that no person or persons acting in any official capacity for the OWNER are directly or indirectly interested in this Bid, or in any portion of the profit thereof.

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5.01 Bidder will complete the Work in accordance with the Contract Documents for:

Item 1 – Electrical Substation, the lump sum of

Four Million Seven Hundred Forty Three Thousand Dollars
and No Cents
(\$ 4,743,000.00) Lump Sum 1 L.S. \$ 4,743,000.00

Item 2 – Rock Excavation, the unit price of

Two Hundred Fifty Eight Dollars
and No Cents
(\$ 258.00) Cubic Yard 200 C.Y. \$ 51,600.00

Item 3 – Miscellaneous Contingency Allowance,
the lump sum of

Two Hundred and Fifty Thousand Dollars
and No Cents
(\$ 250,000.00) Lump Sum 1 L.S. \$ 250,000.00

Item 4 – SCADA Contingency Allowance,
the lump sum of

Fifty Thousand Dollars
and No Cents
(\$ 50,000.00) Lump Sum 1 L.S. \$ 50,000.00

TOTAL BID AMOUNT (This total is for convenience in comparing Bids and is not an official part of this Bid.) \$ 5,094,600.00
(Figures)

Five Million, Ninety-Four Thousand Six Hundred
Dollars and NO Cents
(Written Amount)

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Bidder acknowledges that estimated quantities of items of Unit Price Work are not guaranteed and final payment will be based on actual quantities of Unit Price Work performed as provided in the Contract Documents.

6.01 Bidder agrees that the Work will be substantially complete and completed and ready for final payment in accordance with Paragraph 14.07.B of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.

6.02 Bidder accepts the provisions of the Agreement as to liquidated and special damages in the event of failure to complete the Work within the times specified above.

7.01 The following documents are attached to and made a condition of this Bid:

- A. Required Bid security in the amount of Two Hundred Fifty Four Thousand and Seven Hundred Thirty Dollars (\$ 254,730.00).
- B. Section 2875 of the Public Authorities Law, Ground for Cancellation of Contract by Public Authority.
- C. Section 2876 of the Public Authorities Law, Disqualification to Contract with Public Authority.
- D. Section 2878 of the Public Authorities Law, Non-Collusive Bidding Certification.
- E. Section 139 of State Finance Law, Lobbying.
- F. Required Bidder Qualifications Statement with supporting data.
- G. All addenda.

8.01 The terms used in this Bid will have the meanings indicated in the Instructions to Bidders and the General Conditions and Supplementary Conditions.

Respectfully submitted on April 17, 2018

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If Bidder is:

An Individual

By _____
(Individual's Signature)

(Printed or Typed Name of Individual)

Doing business as _____

License or Registration Number: _____

Business Address: _____

Phone No.: _____ FAX No.: _____

A Partnership

By _____
(Firm Name)

(General Partner's Signature)

(Printed or Typed Name of General Partner)
(Attach evidence of authority to sign.)

License or Registration Number: _____

Business Address: _____

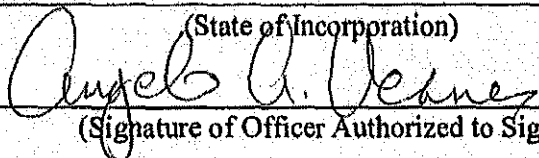
Phone No.: _____ FAX No.: _____

ERIE COUNTY WATER AUTHORITY
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BALL PUMP STATION ELECTRICAL SUBSTATION

A Corporation

By Ferguson Electric Construction Co., Inc.
(Corporation Name)

New York
(State of Incorporation)

By 
(Signature of Officer Authorized to Sign)

Angelo A. Veanes, President
(Printed or Typed Name and Title of Officer Authorized to Sign)
(Attach evidence of authority to sign.)

(CORPORATE
SEAL)

Attest 
(Secretary) Kevin M. Mislin

License or Registration Number: N/A

Business Address: 333 Ellicott Street, Buffalo NY 14203

Phone No.: 716-852-2010 FAX No.: 716-852-4887

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Limited Liability Company

By _____
(Firm Name)

(State of Formation)

By _____
(Signature of Member/Authorized to Sign)

(Printed or Typed Name and Title of Member Authorized to Sign)
(Attach evidence of authority to sign.)

License or Registration Number: _____

Business Address: _____

Phone No.: _____ FAX No.: _____

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A Joint Venture

Joint Venture Name: _____

By _____

(Signature)

(Printed or Typed Name)

(Title)

(Address)

By _____

(Signature)

(Printed or Typed Name)

(Title)

(Address)

Phone and FAX number and address for receipt of communications to joint venture:

(Each joint venturer must sign. The manner of signing for each individual, partnership, corporation or limited liability company that is a party to the joint venture shall be in the manner indicated above).

END OF BID FORM

ERIE COUNTY WATER AUTHORITY
BUFFALO, NEW YORK

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ELECTRICAL SUBSTATION
PROJECT NO: 201600238

SECTION 00450

BIDDER'S QUALIFICATION STATEMENT

(Completion of this statement is required in advance of
consideration for award of Contract.)

SUBMITTED TO:

Erie County Water Authority
295 Main Street, Room 350
Buffalo, New York 14203

SUBMITTED FOR:

Erie County Water Authority
Contract No: NC-35
Ball Pump Station Electrical Substation
ECWA Project No. 201600238

SUBMITTED BY:

Name of Organization: Ferguson Electric Construction Co., Inc.
(Print or Type Name of Bidder)

Name of Individual: Angelo A. Veanes

Title: President

Business Address: 333 Ellicott Street
Buffalo NY 14203

Telephone No.: 716-852-2010

Fax No.: 716-852-4887

Gentlemen:

The undersigned certifies under oath the truth and correctness of all statements and of all answers to questions made hereinafter.

(Note: Attach additional sheets as required.)

1.0 Bidder's General Business Information

1.1 Check if:

Corporation Partnership Joint Venture Sole Proprietorship

If Corporation:

A. Date and State of Incorporation:

7/18/1935 New York State

B. List of Executive Officers:

Name	Title
<u>Angelo A. Veanes, President</u>	
<u>Kevin M. Mislin, Vice President</u>	
<u>Ronald H. Markowski, Vice President</u>	
<u>James D. Schneider PE, Vice President</u>	
<u>Jeffrey H. Lattimer, CFO</u>	

If Partnership:

A. Date and State of Organization:

B. Names of Current General Partners:

C. Type of Partnership

General Publicly Traded
 Limited Other (described): _____

If Joint Venture:

A. Date and State of Organization:

B. Name, Address and Form of Organization of Joint Venture Partners: (Indicate managing partner by an asterisk *):

If Sole Proprietorship:

A. Date and State of Organization:

B. Name and Address of Owner or Owners:

- 2.0 How many years has your organization been in business as a general electrical contractor? 83 years
- 3.0 If your organizational structure has changed within the past five years, provide data as listed above in Item 1.0 for your previous organization. N/A
- 4.0 We normally perform 95 percent of the work with our own forces. List work normally subcontracted. We subcontract general construction, asbestos, rigging, plumbing.
- 5.0 Has any construction contract to which you have been a party been terminated by the owner; have you ever terminated work on a project prior to its completion for any reason; has any surety which issued a performance bond on your behalf ever completed the work in its own name or financed such completion on your behalf; has any surety expended any monies in connection with a contract for which they furnished a bond on your behalf? If the answer to any portion of this question is "yes", furnish details of all such occurrences including name of owner, architect or engineer, and surety, and name and date of project. No.

6.0 Has any officer or partner of your organization ever been an officer or partner of another organization that had any construction contract terminated by the owner; terminated work on a project prior to its completion for any reason; had any surety which issued a performance bond complete the work in its own name or financed such completion; or had any surety expend any monies in connection with a contract for which they furnished a bond? If the answer to any portion of this question is "yes", furnish details of all such occurrences including name of owner, architect or engineer, and surety, and name and date of project. No.

7.0 In the last five years, has your organization, or any predecessor organization, failed to substantially complete a project in a timely manner? If the answer to this question is "yes", furnish details of all such occurrences including name of owner, architect or engineer, and surety, and name and date of project. No.

8.0 On Schedule A, attached, list name, location and description of project, owner, architect or engineer, contract price, percent complete and scheduled completion of the major construction projects your organization has in progress on this date. Provide name, address and telephone number of a reference for each project listed.

9.0 On Schedule B, attached, list name, location and description of project, owner, architect or engineer, contract price, date of completion and percent of work with your own forces of major projects of the same general nature as this project which your organization has completed in the past five years. Provide name, address and telephone number of a reference for each project listed.

10.0 On Schedule C, attached, list name and construction experience of the principal individuals of your organization directly involved in construction operations.

10.1 On Schedule D, attached, list OSHA Information requested.

11.0 List the states and categories of construction in which your organization is legally qualified to do business. Electrical Construction in New York State

12.0 Provide the following for your surety:

12.1 Surety Company: Fidelity & Deposit Company of Maryland

12.2 Agent: Walsh Duffield Companies, Inc.

A. Address: 801 Main Street, Buffalo NY 14203

B. Telephone No.: 716-853-3820

12.3 What is your approximate total bonding capacity?

- \$500,000 to \$2,000,000
- \$2,000,000 to \$5,000,000
- \$5,000,000 to \$10,000,000
- \$10,000,000 or more

13.0 Provide the following with respect to an accredited banking institution familiar with your organization.

13.1 Name of Bank: M&T Bank

13.2 Address: One Fountain Plaza, Buffalo NY 14203

13.3 Account Manager: Tom Keenan

13.4 Telephone No.: 716-848-7316

14.0 Provide the name, address and telephone number of an individual who represents a major equipment/material supplier whom the Owner may contact for a financial reference:

Graybar Electric Co., Inc., 425 Cayuga Rd Ste 100, Cheektowaga NY 14225 Richard Ogradnik (716) 565-5900

15.0 Attach a financial statement, prepared on an accrual basis, in a form which clearly indicates Bidder's assets, liabilities and net worth.

15.1 Date of financial statement: 2/20/18

15.2 Name of firm preparing statement: Lumsden McCormick

16.0 Dated at Buffalo, this 17th day of April, 2018.

Bidder: Ferguson Electric Construction Co., Inc.
(Print or Type Name of Bidder)

By: Angelo A. Veanes
Angelo A. Veanes

Title: President

Attachments A, B, C, and D

(Seal, if corporation)

------(Affidavit for Individual)-----

_____ being duly sworn, deposes and says that:
a) the financial statement, taken from his/her books, is a true and accurate statement of his/her financial condition as of the date thereof; and b) all of the foregoing qualification information is true, complete, and accurate.

------(Affidavit for Partnership)-----

_____ being duly sworn, deposes and says that:
a) he/she is a member of the partnership of _____;
b) he/she is familiar with the books of said partnership showing its financial condition; c) the financial statement, taken from the books of said partnership, is a true and accurate statement of the financial condition of the partnership as of the date thereof; and d) all of the foregoing qualification information is true, complete, and accurate.

------(Affidavit for Corporation)-----

Angelo A. Veanes being duly sworn, deposes and says that:
a) he/she is President of Ferguson Electric Construction Co., Inc.;
(Full name of Corporation)
b) he/she is familiar with the books of said corporation showing its financial condition; c) the financial statement, taken from the books of said corporation, is a true and accurate statement of the financial condition of said corporation as of the date thereof; and d) that all of the foregoing qualification information is true, complete, and accurate.

------(Acknowledgment)-----

Angelo A. Veanes being duly sworn, deposes and says that he/she is President of Ferguson Electric Construction Co., Inc.;
(Name of Bidder)
that he/she is duly authorized to make the foregoing affidavit and that he/she makes it on behalf of
() himself/herself; () said partnership; (X) said corporation.

Sworn to before me this 17th day of April, 2018, in the County of Erie, State of New York.

Timothy G. Quinn
(Notary Public)

My commission expires 7/21/2021

(Seal)

TIMOTHY G. QUINN
Notary Public, State of New York
Qualified in Erie County 2021
My Commission Expires 07/21/2021

END OF BIDDER QUALIFICATIONS STATEMENT

ATTACHMENT A

**SCHEDULE A
PROJECTS IN PROGRESS**

<u>Name, Location and Description of Project</u>	<u>Owner</u>	<u>Architect or Engineer</u>	<u>Contract Price</u>	<u>Percent Complete</u>	<u>Scheduled Completion</u>	<u>Reference/Contract Include Address and Phone</u>
79 Perry Street	Illinois Perry, LLC		\$1,925,000.00	8%	August 2018	RP Oak Hill Building Co 3556 Lakeshore Rd Ste 620, Buffalo NY 14219 Attn: Christopher Hogan (716) 822-4966
Buffalo Psychiatric Center	Dormitory Authority of NY		\$1,095,000.00	39%	2019	Savarino Companies 500 Seneca Street Ste 508, Buffalo NY 14204 Attn: Alexander Burgos (716) 332-5959
Buffalo State College Bishop Hall	Dormitory Authority of NY		\$1,439,180.00	38%	July 2018	Turner Construction Co. 50 Lakefront Blvd Ste 200, Buffalo NY 14202 Attn: Matt Sikora msikora@tcco.com
Buffalo State College Switchgear	SUNY		\$2,022,000.00	28%	August 2018	SUNY Buffalo State / Attn: Michael Carl 1300 Elmwood Avenue, Buffalo NY 14222
Iroquois Central School District /	Gordon Jones Assoc.		\$1,940,700.00	62%	Nov 2018	Gordon W. Jones Assoc. Attn: Scott Jones 5757 Main Street, Williamsville, NY 14221
New York Power Authority (NYPA) AIC 10 Unit			\$2,370,720.00	60%	2021	NYPA Attn: Fiona Spencer 123 Main Street, White Plains, NY 10601
New York Power Authority (NYPA) Switchyard			\$26,135,865.00	28%	2020	NYPA / Attn: Sean Rooney 123 Main Street, White Plains, NY 10601 Sean.Rooney@NYPA.gov
Rich Products			\$980,000.00	98%		Lehigh Construction Attn: Joe Migliore 4327 S Taylor Road, Orchard Park, NY 14127 (716) 662-2151
Sumitomo Tire Capacity			\$395,261.00	91%	2018	Perry Group, Ltd 165 Smokerise Drive, Wadsworth, OH 44281 (330) 334-6070

**ADDENDUM NO. 1
APRIL 4, 2018
TO THE
SPECIFICATIONS AND CONTRACT DOCUMENTS
FOR
CONTRACT NO.: NC-35
BALL PUMP STATION
ELECTRICAL SUBSTATION
PROJECT NO. 201600238**

The Contract Documents are herein amended by this Addendum as follows:

Changes to specifications and contract documents titled "Contract No. NC-35":

GENERAL:

1. Minutes of the March 20, 2018 Pre-Bid Meeting and attendance sheet are included as part of Addendum No. 1 and are attached hereto as Attachment AD-1 (6 pages). Attachment AD-1 is not considered part of the Bidding Documents or part of the Contract Documents.
2. Refer to the attached Sheets D104 and D105 prepared by Wendel for Contract 22A, Ball South Tank Replacement for information relating to access to the 48-inch and 60-inch Tank Inlet Piping. The drawings are included as part of Addendum No. 1 and are attached hereto as Attachment AD-2 (2 pages). Attachment AD-2 is not considered part of the Bidding Documents or part of the Contract Documents.

SPECIFICATIONS:

1. Section 00500, Agreement, in Article 3, **DELETE** "3.02 Days to Achieve Substantial Completion and Final Payment", and **REPLACE** with the following: "3.03 Days to Achieve Substantial Completion and Final Payment".
2. Section 013110, Coordination with Owner's Operation, in Part 1.06.G.3, **DELETE** Item d. in its entirety and **REPLACE** with the following: "d. Access to the 48-inch and 60-inch mains is through the tank inlet inside the South Ball Tank."
3. **DELETE:** Section 051200, Structural Steel Framing in its entirety and **REPLACE** with Section 051200, Structural Steel Framing, attached hereto as Attachment AD-3 (6 pages).
4. Section 260533, Raceway and Boxes for Electrical Systems, **DELETE:** Part 3.04.Q in its entirety and **REPLACE:** with the following: "Q. Install fittings to accommodate expansion and deflection where raceway crosses control and expansion joints, and at exposed equipment connections."

5. Section 267126, Transmission and Distribution Equipment, after Part 2.01.A.2, **INSERT** the following:

"3. Design Conditions

- a. The overhead conductor tension loads for the receiving structures are as follows:
1. Westerly structure – 6,000 lbs NESC heavy.
 2. Easterly structure – 4,000 lbs NESC heavy.
- b. The approximate elevations of the overhead conductors at the National Grid towers are as follows:

	Westerly Tower	Easterly Tower
Northern Upper Arm	661.51	658.41
Northern Middle Arm	649.37	646.43
Northern Bottom Arm	637.45	634.53
Southern Upper Arm	661.74	657.92
Southern Middle Arm	650.14	646.08
Southern Bottom Arm	637.57	634.40

- c. The approximate elevations of the bottom conductors sag points are as follows:

Northern Conductor	632.90	
Southern Conductor	632.64	"

6. Section 267313, Liquid Filled Transformers, in Part 2.01.G, after Item 6, **ADD** the following:

"7. All accessory devices shall be factory wired to a local NEMA 4x control panel mounted on the transformer."

7. Section 267313, Liquid Filled Transformers, in Part 2.02.J, after Item 7, **ADD** the following:

"8. All accessory devices shall be factory wired to OLTC control panel mounted on the transformer."

8. Section 312500, Erosion and Sedimentation Controls, in Part 3.09, **DELETE**: Item B in its entirety and **REPLACE** with the following:

"B. Inspections

1. Contractor shall inspect all erosion control devices on a weekly basis and after each rainfall event and make necessary repairs to ensure erosion and sediment controls are in good working order.
2. The Owner/Engineer will perform weekly SWPPP inspections by a qualified Inspector. The Contractor shall perform any repairs as required."

9. Section 330513, Manholes and Structures, in Part 2.05.D, **ADD** the following after Item 1.g.:
"2. Railing shall be removable."
10. Section 334113, Public Storm Utility Drainage Piping, in Part 2.01, **DELETE**: Item A in its entirety, and **REPLACE** with the following:
"A. Ductile iron pipe, class 52, non-restrained joints in conformance with Section 400519, Ductile Iron Pipe, Fittings, and Accessories."

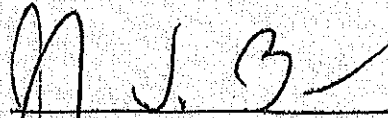
CONTRACT DRAWINGS

1. Title Sheet, **DELETE**: "ECWA PROJECT NO. 201600117" and **REPLACE** with the following: "ECWA PROJECT NO. 201600238".
2. Sheet E-001, Electrical Legend, Notes, and Schedules, in the Lighting Fixture Schedule, for Type FL-1, **DELETE**: the information under Manufacturer, and **REPLACE** with the following:
"Lithonia
DSXF3 LED P2 30k FL MVOLT TKC62 PER
PNMTDD3 DBLXD."
3. Sheet E-501, Electrical Details, **INSERT**: Detail D1, Electrical Duct Bank Trench Detail, attached hereto as Sketch SK-1 (1 page).

SPECIAL NOTICE

THIS ADDENDUM, INCLUDING THE ATTACHMENTS, SHALL BE INSERTED IN THE CONTRACT DOCUMENTS SUBMITTED WITH THE BID AND SHALL BE SIGNED BY THE BIDDER IN THE SPACE PROVIDED BELOW.

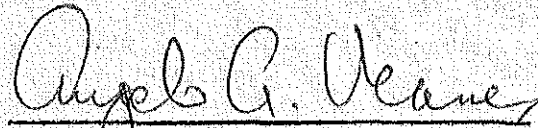
ERIE COUNTY WATER AUTHORITY



JOSEPH T. BURNS
SECRETARY TO THE AUTHORITY

SIGNATURE OF PERSON, FIRM OR CORPORATION MAKING BID:

(Seal if bid by Corporation)



Signature

ANGELO A. VEANES
President

Title

Attachments: AD-1, AD-2, AD-3 and SK-1

**ADDENDUM NO. 2
APRIL 11, 2018
TO THE
SPECIFICATIONS AND CONTRACT DOCUMENTS
FOR
CONTRACT NO.: NC-35
BALL PUMP STATION
ELECTRICAL SUBSTATION
PROJECT NO. 201600238**

The Contract Documents are herein amended by this Addendum as follows:

Changes to specifications and contract documents titled "Contract No. NC-35":

SPECIFICATIONS:

1. Section 013110, Coordination with Owner's Operations, in Part 1.06.E.2, **DELETE** Items d., e., and f. in their entirety, and **REPLACE** with the following:
 - "d. Test, disinfect, collect bacteriological samples, and obtain Erie County Water Authority approval for the waterline."
2. Section 013110, Coordination with Owner's Operations, in Part 1.06.G.1, **DELETE** Item d. in its entirety, and **REPLACE** with the following:
 - "d. The PCCP x DIP adapters shall be connected to the existing LCP PCCP using full circumferential seal welds.
 - e. Return the 48-inch Transmission Main to service (by Owner)."
3. Section 013110, Coordination with Owner's Operations, in Part 1.06.I, **DELETE** Item 2. in its entirety, and **REPLACE** with the following:
 - "2. 8" waterline and fire hydrant
 - a. Install 8" waterline, fire hydrant and appurtenances.
 - b. Provide a plug with a 4" outlet at the south end of the waterline.
 - c. Install the 12"x8" tapping sleeve and valve.
 - d. Utilize 4" pipe/hose with a 4" RPZ backflow preventer between the tapping valve and the 8" waterline.
 - e. Fill and flush the waterline.
 - f. Test, disinfect, collect bacteriological samples, and obtain Erie County Water Authority approval for the waterline.
 - g. Interconnect the waterline and the tapping valve."

4. Section 260505, Selective Demolition for Electrical, **ADD** the following after Part 3.09.B:

"C. Existing transformer nameplate data:

	South Transformer	North Transformer
Make	General Electric	General Electric
Number	G-851573A	G-851573B
Voltage	115,000-4,160	115,000-4,160
KVA rating	7,500	7,500
Approximate Weights (lbs.)		
Total	60,600	60,600
Untanking	19,600	19,600
Tank and Fittings	18,300	18,300
Oil (gal.)		
Main Tank	20,750	20,750
Radiators	1,950	1,950

5. Section 331201, Internal Pipe Joint Seals, **ADD** the following after Part 3.07:

"3.08 The 48" and 60" Tank Inlet Piping shall be flushed and disinfected in accordance with Section 331301 – Testing and Disinfection."

6. Section 331301, Testing and Disinfection, in Part 1.01.A.1, **ADD** the following after Item b.:

"c. Pressure test and leakage test are not required for the 48" and 60" Tank Inlet Piping."

7. Section 331301, Testing and Disinfection, in Part 3.01.B, **ADD** the following after Item 8.:

"9. 48" Transmission Main and 48" and 60" Tank Inlet Piping

- a. The pipe shall be kept clean and free of all debris and contamination.
- b. All surfaces shall be cleaned with high pressure water immediately prior to disinfection."

8. Section 331301, Testing and Disinfection, in Part 3.01.D.4, **ADD** the following to the end of the table:

"48" DI 3.17 "

9. Section 331301, Testing and Disinfection, after Part 3.05.K, **ADD** the following:

"L. The disinfection for the 48" transmission main and for the 48" and 60" tank inlet piping shall be in accordance with Section 331314, Water Storage Tank Disinfection. The disinfection method shall be in accordance with AWWA Standard C652 (Method 2 only)."

10. Section 331314, Water Storage Tank Disinfection, **ADD** the following after Part 1.01.A.:

"B. Work Included:

1. South tank
2. North tank
3. Each tank is approximately 130 ft in diameter; 42 foot side water depth; 4,200,000 gallon capacity.
4. The South tank is concrete construction. The North tank is steel construction."

CONTRACT DRAWINGS

1. Sheet C-505, Civil Driveway Entrance Details, in Detail D5, Typical Driveway Entrance Section Detail, **DELETE:** "Class B" and **REPLACE** with "Class A".

SPECIAL NOTICE

THIS ADDENDUM, INCLUDING THE ATTACHMENTS, SHALL BE INSERTED IN THE CONTRACT DOCUMENTS SUBMITTED WITH THE BID AND SHALL BE SIGNED BY THE BIDDER IN THE SPACE PROVIDED BELOW.

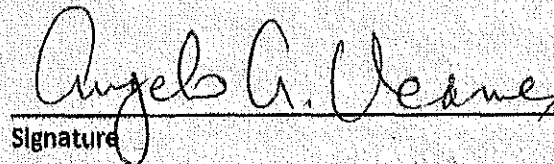
ERIE COUNTY WATER AUTHORITY



JOSEPH T. BURNS
SECRETARY TO THE AUTHORITY

SIGNATURE OF PERSON, FIRM OR CORPORATION MAKING BID:

(Seal If bid by Corporation)



Signature

ANGELO A. VEANES
President

Title