



ERIE COUNTY WATER AUTHORITY

INTEROFFICE MEMORANDUM

October 4, 2023

To: Terrence D. McCracken, Secretary to the Authority

From: Michael J. Quinn, PE, Senior Distribution Engineer

A handwritten signature in dark ink, appearing to read "MJQ", is written over the "From:" line.

Subject: Carden Avenue Paving
City of Lackawanna
Cooperative Agreement
Contract GP-010
ECWA Project No. 202100035

As a part of Authority's Contract GP-010 (PN 202100035) the City of Lackawanna (City) requested that the Authority complete milling and paving of Carden Avenue as part of the project.

The project originally included the replacement of the existing mains on Abbott Road with an interconnection to the existing main on Carden Avenue. The interconnection was to be completed roughly at the intersection of Abbott and Carden however the condition of the main on Carden was such that replacement was warranted. The replacement of the main included trench restoration. Following completion of the new main, the City determined that it would be in the best interest of the residents as well as to improve access to a City school building to mill and pave the full width of the street.

The ECWA Engineering Department developed quantity take-offs and cost estimate, utilizing the bid items from the executed contract with E&R General Construction. Inclusion of this work with the Authority's project will recognize an economy of scales versus the City paving the street on its own. Using the estimated quantities and the unit price bid, the estimated cost of the work is \$12,000.00. The City will be invoiced for the actual amount determined by actual in place quantities following completion of the work.

A Cooperative Agreement (Agreement) was developed by the Legal and Engineering Departments and presented to the City and the Contractor. The City and the contractor have reviewed the terms of the Agreement and the City will approve and execute the Agreement following their October 10th Council meeting.

Attached find three copies of the Agreement for review and approval by the Board. Once executed by the City, the Contractor and the Authority Chairman one copy each must be returned to the City and Contractor.

Please feel free to contact me if you have any questions.

Budget:

- Unit 2595 – Eng/Const Transmission Mains
 - Item 101599 – GP-010 Transmission Main Replacement

MJQ:la11

CONT-GP-010-2101

ERIE COUNTY WATER AUTHORITY
AUTHORIZATION FORM
For Approval/Execution of Documents
(check which apply)

Contract: GP-010 **Project No.:** 202100035

Project Description: Cooperative Agreement, Carden Avenue Paving,
City of Lackawanna

Item Description:




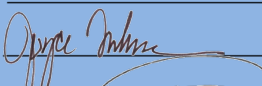

- | | | | |
|---|--|---|---------------------------------------|
| <input checked="" type="checkbox"/> Agreement | <input type="checkbox"/> Professional Service Contract | <input type="checkbox"/> Amendment | <input type="checkbox"/> Change Order |
| <input type="checkbox"/> BCD | <input type="checkbox"/> NYSDOT Agreement | <input type="checkbox"/> Contract Documents | <input type="checkbox"/> Addendum |
| <input type="checkbox"/> Recommendation for Award of Contract | <input type="checkbox"/> Recommendation to Reject Bids | | |
| <input type="checkbox"/> Request for Proposals | | | |
| <input type="checkbox"/> Other _____ | | | |

Action Requested:

- | | |
|---|--|
| <input checked="" type="checkbox"/> Board Authorization to Execute | <input checked="" type="checkbox"/> Legal Approval |
| <input type="checkbox"/> Board Authorization to Award | <input checked="" type="checkbox"/> Execution by the Chairman |
| <input type="checkbox"/> Board Authorization to Advertise for Bids | <input type="checkbox"/> Execution by the Secretary to the Authority |
| <input type="checkbox"/> Board Authorization to Solicit Request for Proposals | |
| <input type="checkbox"/> Other _____ | |

Approvals Needed:

APPROVED AS TO CONTENT:

- | | | |
|--|---|------------------|
| <input checked="" type="checkbox"/> Sr Distribution Engineer |  | Date: 10/4/2023 |
| <input checked="" type="checkbox"/> Chief Operating Officer |  | Date: 10/05/2023 |
| <input checked="" type="checkbox"/> Executive Engineer |  | Date: 10/05/2023 |
| <input type="checkbox"/> Director of Administration | _____ | Date: _____ |
| <input type="checkbox"/> Risk Manager | _____ | Date: _____ |
| <input checked="" type="checkbox"/> Chief Financial Officer |  | Date: 10/05/2023 |
| <input checked="" type="checkbox"/> Legal |  | Date: 10/5/2023 |

APPROVED FOR BOARD RESOLUTION:

- | | | |
|--|--|-----------------|
| <input checked="" type="checkbox"/> Secretary to the Authority |  | Date: 10/6/2023 |
|--|--|-----------------|

Remarks: _____

Resolution Date: _____

Item No: _____

COOPERATIVE AGREEMENT

This Cooperative Agreement (“Agreement”), effective as of October 19, 2023 (“Effective Date”), is by and among

ERIE COUNTY WATER AUTHORITY

295 Main Street, Room 350
Buffalo, New York 14203

hereinafter referred to as the “Authority” and

CITY OF LACKAWANNA

714 Ridge Road
Lackawanna, New York 14218

hereinafter referred to as the “City” and

E. & R. GENERAL CONSTRUCTION, INC.

38 St. David’s Drive
West Seneca, New York 14224

Hereinafter referred to as the “Contractor.”

WHEREAS, the Authority has initiated a capital improvement project, known as the Transmission and Distribution Main Replacement, Towns of West Seneca and Hamburg and the City of Lackawanna (Contract GP-010) generally consisting of the replacement of the existing watermain on Willett and Abbott Roads (the “Main Replacement Project”), and

WHEREAS, on October 20, 2022, the Authority awarded a construction contract to the Contractor to complete the Main Replacement Project (the “Main Replacement Project Contract”), and

WHEREAS, the Main Replacement Project includes the replacement of an existing watermain on Carden Avenue in the City of Lackawanna with restoration to the trench width of the road only, and

WHEREAS, the City has requested that the Authority consider milling and paving the entire width of Carden Avenue from Abbott Road west approximately 250 linear feet to the property line of the Lackawanna Middle and High Schools as part of the Main Replacement Project, and

WHEREAS, the Main Replacement Project Contract includes milling and paving of Willett and Abbott Roads and includes unit prices for this work, and

WHEREAS, the Contractor has agreed to perform milling and paving work on Carden Avenue at the unit prices set forth in the Main Replacement Project Contract, and

WHEREAS, the City has reviewed the unit prices for milling and paving work as set forth in the Main Replacement Project Contract and agrees they are fair and reasonable, and

WHEREAS, by working in a cooperative fashion to resurface Carden Avenue as part of the Authority's Project, both the City and the Authority will save money and limit the disturbance to the residents of Carden Avenue, as well as the students and staff at the Lackawanna Middle and High Schools,

NOW, THEREFORE, in consideration of the mutual promises set forth in this Agreement, the parties agree as follows:

ARTICLE 1 CARDEN AVENUE MILLING AND PAVING

1.01 All of the recitals set forth above are hereby incorporated into the body of this Agreement as though separately and specifically set forth herein.

1.02 The limits of the milling and paving requested by the City will be as shown on Exhibit A, which is attached to and incorporated in this Agreement, and generally includes the entire width of Carden Avenue between Abbott Road and the property line of the Lackawanna Middle and High Schools (the "Carden Avenue Paving").

1.03 The Authority agrees to complete the final milling and paving of Carden Avenue, through its Contractor as part of the Main Replacement Project.

1.04 During construction, the Authority will perform resident inspection services and will immediately notify the City, or its designated project engineer, of any associated problems with the Carden Avenue Paving.

ARTICLE 2 COSTS

2.01 The City and the Authority have agreed that the Authority will pay for the construction of the Main Replacement Project per the unit prices established in the Main Replacement Project Contract, excluding the costs of the Carden Avenue Paving. The Authority and the City agree the estimated costs for the Carden Avenue Paving are approximately \$12,000.00.

2.02 The Contractor agrees to complete the Carden Avenue Milling and Paving under Item 11B6 – For Cold Milling and Placement of Asphalt Top Course (1-1/2" thickness) at a unit price of \$19.00 per square yard as set forth in the Main Replacement Project Contract with the Authority.

2.03 The City has agreed to pay for all costs associated with the Carden Avenue Paving.

2.04 The City has agreed to reimburse the Authority for all costs associated with the Carden Avenue Paving based upon the final quantity of area milled and paved.

ARTICLE 3 ACCEPTANCE OF THE CARDEN AVENUE PAVING BY THE CITY

3.01 At the completion of all the Main Replacement Project and after all the conditions set forth above are complied with to the satisfaction of the Authority and the City, the City agrees to accept said project as complete.

ARTICLE 4 GENERAL PROVISIONS

4.01 **Independent Status:** Nothing contained in the agreement shall be constructed to render either the Authority or the City, employee, or agent of the other, nor shall either party have authority to bind the other in any matter, other than set forth in this agreement. It is intended that each party shall remain independent and separate from the other, and fully responsible for its own actions.

4.02 **Indemnification**

- A. To the fullest extent permitted by law, the City agrees to indemnify and hold the Authority harmless from all third party claims, liabilities, damages and costs (including all reasonable attorney's fees, and cost of defense) to which the Authority, its officers, directors, employees and agents may be subject to, arising out of the death or bodily injury to any person or the destruction or damage to any property to the extent caused by the negligent acts, errors or omissions, or willful misconduct of the City, its officers, directors, employees and agents under this Agreement and those of its contractors or subcontractors or anyone for whom the Town is legally liable.
- B. To the fullest extent permitted by law, the Authority agrees to indemnify and hold the City harmless from all third-party claims, liabilities, damages, and costs (including all reasonable attorney's fees and cost of defense) to the extent caused by the negligent acts, errors or omissions of the Authority, its contractors, engineers, or anyone for whom the Authority is legally liable.

4.03 **Amendments and Modifications:** No modification, amendment or changes in the Carden Avenue Paving shall be valid unless the Authority is given prior written notice by the City and/or the Contractor and the Authority gives the City and the Contractor prior written approval of same.

4.04 **Notice:** Any notices required by this Agreement or otherwise shall be delivered by United States Postal mail or personal delivery upon the addresses stated above. Any change in

such addresses shall be required to be in writing to the other party and acknowledged as such.

4.05 New York Law and Jurisdiction: Notwithstanding any other provision of this Agreement, any dispute concerning any question of fact or law arising under this Agreement which is not disposed of by agreement between the parties shall be governed, interpreted and decided by a court of competent jurisdiction of the State of New York in accordance with the laws of the State of New York.

4.06 Entire Agreement: This Agreement contains the entire Agreement between the parties relating to its subject matter. All prior or contemporaneous contracts, understandings and statements are merged herein.

4.07 Approval: This Agreement is subject to approval by the respective parties in accordance with the authority granted to each party.

IN WITNESS WHEREOF, the parties hereto have set their hands and seals as of the Effective Date.

CITY OF LACKAWANNA

**ERIE COUNTY WATER
AUTHORITY**

ANNETTE IAFALLO, Mayor

JEROME D. SCHAD, Chair

E. & R. GENERAL CONSTRUCTION, INC.

ANGIE PASSUCCI, Vice President

[illegible]

On the ____ day of October, in the year 2023, before me personally came ANNETTE IAFALLO, to me known, who being by me duly sworn did depose and say that she resides in Cheektowaga, New York, that she is the Mayor of the CITY OF LACKAWANNA, described in the above instrument, and she signed her name thereto by the authorization of the City Council of the City of Lackawana pursuant to a duly enacted resolution.

Notary Public - State of New York

[illegible]

On the ____ day of October, in the year 2023, before me personally came ANGIE PASSUCCI, to me known, who being by me duly sworn, did depose and say that she resides in _____, New York; that she is Vice President of E. & R. GENERAL CONSTRUCTION, INC., the corporation described in, and which executed, the foregoing instrument; that she knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said corporation and that she signed her name thereto by like order.

Notary Public - State of New York

[illegible]

On this ____ day of October 2023, before me personally came JEROME D. SCHAD, to me known, who being by me duly sworn did depose and say that he resides in Amherst, New York, that he is the Chairman of the ERIE COUNTY WATER AUTHORITY, the corporation named in the foregoing indenture; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by a duly adopted resolution of the said Authority and that he signed his name thereto by like resolution.

Notary Public - State of New York

EXHIBIT A
PROJECT LIMITS



EXHIBIT A

September 14, 2023



**ERIE COUNTY WATER
AUTHORITY**
BUFFALO, NEW YORK

NYS ITS Geospatial Services

APPENDIX B

GP-010 CONTRACTOR BID FORM

ERIE COUNTY WATER AUTHORITY
BUFFALO, NEW YORK

CONTRACT No.: GP-010
WATER SYSTEM IMPROVEMENTS
TRANSMISSION & DISTRIBUTION MAINS
WILLET RD., ABBOTT RD. AND NORTH DR.
CITY OF LACKAWANNA, TOWN OF HAMBURG AND ORCHARD PARK, NY
PROJECT No.: 202100035

(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:

Contract No: GP-010

WATER SYSTEM IMPROVEMENTS –

Transmission & Distribution Mains, Willet Rd., Abbott Rd., and North Dr.

City Lackawanna, Town of Hamburg and Orchard Park, NY

Project No: 202100035

BID TO:

Service Center Front Desk

Erie County Water Authority

3030 Union Road

Cheektowaga, New York 14227

BID FROM:

E & R General Construction 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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CONTRACT NO: GP-010

WATER SYSTEM IMPROVEMENTS - TRANSMISSION & DISTRIBUTION MAINS,
WILLET RD., ABBOTT RD., AND NORTH DR.

CITY LACKAWANNA, TOWN OF HAMBURG AND ORCHARD PARK, NY

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>one</u>	<u>9/9/22</u>	<u> </u>	<u> </u>
<u> </u>	<u> </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

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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, 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.

ERIE COUNTY WATER AUTHORITY

CONTRACT NO: GP-010

WATER SYSTEM IMPROVEMENTS - TRANSMISSION & DISTRIBUTION MAINS,
WILLET RD., ABBOTT RD., AND NORTH DR.

CITY LACKAWANNA, TOWN OF HAMBURG AND ORCHARD PARK, NY

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.

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

<u>Description</u>	<u>Estimated Quantities</u>	<u>Computed Totals</u>
Item 1 - Watermain		
Item 1A2- For furnishing and installing 6-inch Ductile Iron Pipe (DIP) Watermain at the Unit Price of		
<u>fifty seven -</u> Dollars		
and <u>no</u> Cents		
(\$ <u>67.00</u>) Per Linear Foot	600 LF	\$ <u>40200.00</u>
Item 1A3- For furnishing and installing 8-inch Ductile Iron Pipe (DIP) Watermain at the Unit Price of		
<u>one hundred & twenty -</u> Dollars		
and <u>no</u> Cents		
(\$ <u>120.00</u>) Per Linear Foot	1,520 LF	\$ <u>182400.00</u>

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WATER SYSTEM IMPROVEMENTS - TRANSMISSION & DISTRIBUTION MAINS,
WILLET RD., ABBOTT RD., AND NORTH DR.
CITY LACKAWANNA, TOWN OF HAMBURG AND ORCHARD PARK, NY

Item 1A4- For furnishing and installing
10-inch Ductile Iron Pipe (DIP) Watermain
at the Unit Price of

one hundred forty nine Dollars

and no Cents
(\$ 149.00) Per Linear Foot

460 LF \$ 68,540.00

Item 1A5- For furnishing and installing
12-inch Ductile Iron Pipe (DIP) Watermain
at the Unit Price of

one hundred sixty Dollars

and no Cents
(\$ 160.00) Per Linear Foot

5,650 LF \$ 904,000.00

Item 1A6- For furnishing and installing
16-inch Ductile Iron Pipe (DIP) Watermain
at the Unit Price of

one hundred ninety Dollars

and no Cents
(\$ 190.00) Per Linear Foot

100 LF \$ 19,000.00

Item 1A8- For furnishing and installing
24-inch Ductile Iron Pipe (DIP) Watermain
at the Unit Price of

four hundred thirty five Dollars

and no Cents
(\$ 435.00) Per Linear Foot

8,940 LF \$ 3,888,900.00

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WATER SYSTEM IMPROVEMENTS - TRANSMISSION & DISTRIBUTION MAINS,
WILLET RD., ABBOTT RD., AND NORTH DR.
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Item 2 – Valves

Item 2A – Gate Valve

Item 2A2- For furnishing and installing

8-inch Gate Valve at the Unit Price of

Twenty five Hundred - Dollars

and NO - Cents

(\$ 2500.00) Per Each

28 EA \$ 70,000.00

Item 2A3- For furnishing and installing

10-inch Gate Valve at the Unit Price of

forty five Hundred Dollars

and NO - Cents

(\$ 4500.00) Per Each

1 EA \$ 4500.00

Item 2B – Butterfly Valve

Item 2B1- For furnishing and installing

12-inch Butterfly Valve at the Unit Price of

Thirty eight Hundred Dollars

and NO - Cents

(\$ 3800.00) Per Each

24 EA \$ 91,200.00

Item 2B2- For furnishing and installing

16-inch Butterfly Valve at the Unit Price of

Ninety four Hundred Dollars

and NO - Cents

(\$ 9400.00) Per Each

1 EA \$ 9400.00

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Item 2B4 - For furnishing and installing
24-inch Butterfly Valve at the Unit Price of
Eleven Thousand - Dollars

and NO - Cents
(\$ 11,000.00) Per Each

27 EA \$ 297,000.00

Item 2C - Tapping Sleeve and Valve

Item 2C11 - For furnishing and installing
24-inch x 8-inch Tapping Sleeve and Valve
at the Unit Price of
Fifteen Thousand Dollars

and NO - Cents
(\$ 15000.00) Per Each

2 EA \$ 30,000.00

Item 2E - Permanent Blow-off Assembly

Item 2E1 - For furnishing and installing
Permanent Blow-off Assembly
at the Unit Price of
Forty five Hundred - Dollars

and NO - Cents
(\$ 4500.00) Per Each

12 EA \$ 54000.00

Item 3 - Fire Hydrants

Item 3A - For furnishing and installing
New Fire Hydrant Assembly at the Unit Price of
Ninety three Hundred Dollars

and NO - Cents
(\$ 9300.00) Per Each

24 EA \$ 223200.00

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Item 3C – For furnishing and installing
Fire Hydrant Abandonment at the Unit Price of
Nineteen Hundred - Dollars

and NO - Cents
(\$ 1900.00) Per Each

13 EA \$ 24700.00

Item 4 – Test Pit Excavation and Backfill

Item 4A – For furnishing and installing
Test Pit Excavation and Backfill
(Fixed Minimum Unit Price of \$200.00/EA)
at the Unit Price of
Three Hundred - Dollars

and NO - Cents
(\$ 300.00) Per Each

114 EA \$ 34200.00

Item 5 – Rock Excavation

Item 5A – For Rock Excavation
(Fixed Minimum Unit Price of \$150.00/CY)
at the Unit Price of
one Hundred and fifty - Dollars

and NO - Cents
(\$ 150.00) Per Cubic Yard

600 CY \$ 90,000.00

Item 6 – Select Backfill

Item 6A – For furnishing and installing
Select Backfill
(Fixed Minimum Unit Price of \$20.00/CY)
at the Unit Price of
Thirty Six - Dollars

and NO - Cents
(\$ 36.00) Per Cubic Yard

18,200 CY \$ 655,200.00

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CITY LACKAWANNA, TOWN OF HAMBURG AND ORCHARD PARK, NY

Item 7 – Interconnections

Item 7A – For Interconnection No. 1 –
Abbott Road At Willet Road Intersection (NW Side)

at the Lump Sum Price of
thirty five thousand Dollars

and no Cents
(\$ 35000.00) Lump Sum

1 LS \$ 35000.00

Item 7B – For Interconnection No. 2 –
Abbott Road At Balen Drive

at the Lump Sum Price of
thirty five thousand Dollars

and no Cents
(\$ 35000.00) Lump Sum

1 LS \$ 35000.00

Item 7C– For Interconnection No. 3 –
Abbott Road At Pellman Place

at the Lump Sum Price of
thirty thousand Dollars

and no Cents
(\$ 30000.00) Lump Sum

1 LS \$ 30000.00

Item 7D– For Interconnection No. 4 –
Abbott Road At Kennedy Place

at the Lump Sum Price of
thirty thousand Dollars

and no Cents
(\$ 30000.00) Lump Sum

1 LS \$ 30000.00

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Item 7E- For Interconnection No. 5 -

Abbott Road At Smith Drive

at the Lump Sum Price of

thirty five thousand - Dollars

and no Cents

(\$ 35000.00) Lump Sum

1 LS \$ 35000.00

Item 7F- For Interconnection No. 6 -

Abbott Road At Firestone Street

at the Lump Sum Price of

thirty thousand Dollars

and no Cents

(\$ 30000.00) Lump Sum

1 LS \$ 30000.00

Item 7G- For Interconnection No. 7 -

Abbott Road At Grant Boulevard

at the Lump Sum Price of

thirty thousand - Dollars

and no Cents

(\$ 30000.00) Lump Sum

1 LS \$ 30000.00

Item 7H- For Interconnection No. 8 -

Abbott Road At Edison Street

at the Lump Sum Price of

thirty five thousand - Dollars

and no Cents

(\$ 35000.00) Lump Sum

1 LS \$ 35000.00

Item 7I- For Interconnection No. 9 -

Abbott Road At South Drive

at the Lump Sum Price of

thirty five thousand Dollars

and no Cents

(\$ 35000.00) Lump Sum

1 LS \$ 35000.00

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Item 7J- For Interconnection No. 10 -

Abbott Road At 1971 Abbott Road

at the Lump Sum Price of

Thirty five thousand Dollars

and no Cents

(\$ 35000.00) Lump Sum

1 LS \$ 35000.00

Item 7K- For Interconnection No. 11 -

Abbott Road At Majestic Terrace

at the Lump Sum Price of

Thirty five thousand Dollars

and no Cents

(\$ 35000.00) Lump Sum

1 LS \$ 35000.00

Item 7L- For Interconnection No. 12 -

Abbott Road At Ludel Terrace

at the Lump Sum Price of

Thirty five thousand Dollars

and no Cents

(\$ 35000.00) Lump Sum

1 LS \$ 35000.00

Item 7M- For Interconnection No. 13 -

at Abbott Road At Pacific Avenue

at the Lump Sum Price of

Thirty five thousand Dollars

and no Cents

(\$ 35000.00) Lump Sum

1 LS \$ 35000.00

ERIE COUNTY WATER AUTHORITY

CONTRACT NO: GP-010

WATER SYSTEM IMPROVEMENTS - TRANSMISSION & DISTRIBUTION MAINS,
WILLET RD., ABBOTT RD., AND NORTH DR.
CITY LACKAWANNA, TOWN OF HAMBURG AND ORCHARD PARK, NY

Item 7N- For Interconnection No. 14 -

Abbott Road At Martin Road

at the Lump Sum Price of

Forty five thousand Dollars

and no Cents

(\$ 35000.00) Lump Sum

1 LS \$ 35000.00

Item 7O- For Interconnection No. 15 -

Abbott Road At Barlow Avenue

at the Lump Sum Price of

Thirty thousand Dollars

and no Cents

(\$ 30000.00) Lump Sum

1 LS \$ 30000.00

Item 7P- For Interconnection No. 16 -

Abbott Road At Carden Avenue

at the Lump Sum Price of

thirty five thousand Dollars

and no Cents

(\$ 35000.00) Lump Sum

1 LS \$ 35000.00

Item 7Q- For Interconnection No. 17 -

Abbott Road At Bedford Avenue

at the Lump Sum Price of

thirty thousand Dollars

and no Cents

(\$ 30000.00) Lump Sum

1 LS \$ 30000.00

Item 7R- For Interconnection No. 18 -

North Drive At Abbott Road End

at the Lump Sum Price of

thirty thousand Dollars

and no Cents

(\$ 30000.00) Lump Sum

1 LS \$ 30000.00

ERIE COUNTY WATER AUTHORITY

CONTRACT NO: GP-010

WATER SYSTEM IMPROVEMENTS - TRANSMISSION & DISTRIBUTION MAINS,
WILLET RD., ABBOTT RD., AND NORTH DR.
CITY LACKAWANNA, TOWN OF HAMBURG AND ORCHARD PARK, NY

Item 7S- For Interconnection No. 19 -
Willet Road At South Branch Smoke Creek (NE Side)
at the Lump Sum Price of

Thirty five thousand Dollars

and no Cents
(\$ 35000.00) Lump Sum

1 LS \$ 35000.00

Item 7T- For Interconnection No. 20 -
Willet Road (STA 42+50 +/-), Near Willet Road
Entrance To 3002 Abbott Road

at the Lump Sum Price of
Thirty five thousand Dollars

and no Cents
(\$ 35000.00) Lump Sum

1 LS \$ 35000.00

Item 7U- For Interconnection No. 21 -
Willet Road At Circle Lane
at the Lump Sum Price of

Thirty five thousand Dollars

and no Cents
(\$ 35000.00) Lump Sum

1 LS \$ 35000.00

Item 7V- For Interconnection No. 22 -
Willet Road At Lyth Road

at the Lump Sum Price of
Thirty five thousand Dollars

and no Cents
(\$ 35000.00) Lump Sum

1 LS \$ 35000.00

ERIE COUNTY WATER AUTHORITY

CONTRACT NO: GP-010

WATER SYSTEM IMPROVEMENTS - TRANSMISSION & DISTRIBUTION MAINS,
WILLET RD., ABBOTT RD., AND NORTH DR.
CITY LACKAWANNA, TOWN OF HAMBURG AND ORCHARD PARK, NY

Item 7W- For Interconnection No. 23 -

Willet Road At 631 Willet Road

at the Lump Sum Price of

Thirty Thousand - Dollars

and NO Cents

(\$ 30000.00) Lump Sum

1 LS \$ 30000.00

Item 8 - Water Service Connections

Item 8A - Service Replacement/Installations

Item 8A1 - For 3/4-inch to 1-inch Service
Replacement/Installations

at the Unit Price of

Thirty Seven Hundred - Dollars

and NO Cents

(\$ 3700.00) Per Each

148 EA \$ 547600.00

Item 8A2 - For 1 1/2-inch and Larger Service
Replacement/Installations

at the Unit Price of

Thirty Nine Hundred - Dollars

and NO Cents

(\$ 3900.00) Per Each

4 EA \$ 15600.00

Item 8B - Additional Copper Tubing

Item 8B1 - For furnishing and installing
3/4-inch to 1-inch Additional Copper Tubing

at the Unit Price of

Six Dollars

and NO Cents

(\$ 6.00) Per Linear Foot

4200 LF \$ 25200.00

ERIE COUNTY WATER AUTHORITY

CONTRACT NO: GP-010

WATER SYSTEM IMPROVEMENTS - TRANSMISSION & DISTRIBUTION MAINS,
WILLET RD., ABBOTT RD., AND NORTH DR.
CITY LACKAWANNA, TOWN OF HAMBURG AND ORCHARD PARK, NY

Item 8B2 - For furnishing and installing
1 1/2-inch and Larger Additional Copper Tubing
at the Unit Price of

Seven Dollars

and no Cents
(\$ 7.00) Per Linear Foot

200 LF \$ 1400.00

Item 9 - Casing Pipe

Item 9D - For furnishing and installing
42-inch Diameter Casing Pipe at the Unit Price of
Nine hundred and fifty Dollars

and no Cents
(\$ 1950.00) Per Linear Foot

90 LF \$ 175500.00

Item 10 - Abandonments

Item 10A - For Abandonment of Existing Watermain No. 1 -
Abbott Road At Berg Road
at the Lump Sum Price of

Twenty Thousand Dollars

and no Cents
(\$ 20,000.00) Lump Sum

1 LS \$ 20,000.00

Item 10B - For Abandonment of Existing Watermain No. 2 -
Abbott Road Near 3005 Abbott Road
at the Lump Sum Price of

Twenty Thousand Dollars

and no Cents
(\$ 20,000.00) Lump Sum

1 LS \$ 20,000.00

ERIE COUNTY WATER AUTHORITY

CONTRACT NO: GP-010

WATER SYSTEM IMPROVEMENTS - TRANSMISSION & DISTRIBUTION MAINS,
WILLET RD., ABBOTT RD., AND NORTH DR.

CITY LACKAWANNA, TOWN OF HAMBURG AND ORCHARD PARK, NY

Item 10C – For Abandonment of Existing Watermain No. 3 –
Abbott Road at Fisher Road (24")

at the Lump Sum Price of

Twenty five Thousand Dollars

and no Cents

(\$ 25,000.00) Lump Sum

1 LS \$ 25000.00

Item 10D – For Abandonment of Existing Watermain No. 4 –
Abbott Road at Fisher Road (12")

at the Lump Sum Price of

Twenty Thousand Dollars

and no Cents

(\$ 20,000.00) Lump Sum

1 LS \$ 20000.00

Item 10E– For Abandonment of Existing Watermain No. 5 –
Abbott Road at Ex. 16" Water Main (West Side),
STA AR 44+52

at the Lump Sum Price of

Twenty Thousand Dollars

and no Cents

(\$ 20,000.00) Lump Sum

1 LS \$ 20000.00

Item 10F – For Abandonment of Existing Watermain No. 6 –
Abbott Road at Ex. 16" Water Main (East Side),
STA AR 44+65

at the Lump Sum Price of

Twenty Thousand Dollars

and no Cents

(\$ 20,000.00) Lump Sum

1 LS \$ 20000.00

ERIE COUNTY WATER AUTHORITY

CONTRACT NO: GP-010

WATER SYSTEM IMPROVEMENTS - TRANSMISSION & DISTRIBUTION MAINS,
WILLET RD., ABBOTT RD., AND NORTH DR.

CITY LACKAWANNA, TOWN OF HAMBURG AND ORCHARD PARK, NY

Item 10G – For Abandonment of Existing Watermain No. 7 –
North Drive At 40 North Drive

at the Lump Sum Price of

Twenty Thousand Dollars

and NO Cents

(\$ 20,000.00) Lump Sum

1 LS \$ 20,000.00

Item 10H – For Abandonment of Existing Watermain No. 8 –
Off Abbott Road At 168 Firestone Street

at the Lump Sum Price of

Twenty Thousand Dollars

and NO Cents

(\$ 20,000.00) Lump Sum

1 LS \$ 20,000.00

Item 10I – For Abandonment of Existing Watermain No. 9 –
Willet Road At South Branch Smoke Creek (NE Side)

at the Lump Sum Price of

Twenty Thousand Dollars

and NO Cents

(\$ 20,000.00) Lump Sum

1 LS \$ 20,000.00

Item 10J – For Abandonment of Existing Watermain No. 10 –
Willet Road At 661 Willet Road

at the Lump Sum Price of

Twenty Thousand Dollars

and NO Cents

(\$ 20,000.00) Lump Sum

1 LS \$ 20,000.00

Item 11 – Restoration

Item 11A – Concrete Restoration

ERIE COUNTY WATER AUTHORITY

CONTRACT NO: GP-010

WATER SYSTEM IMPROVEMENTS - TRANSMISSION & DISTRIBUTION MAINS,
WILLET RD., ABBOTT RD., AND NORTH DR.
CITY LACKAWANNA, TOWN OF HAMBURG AND ORCHARD PARK, NY

Item 11A1 – For furnishing and installing
Concrete Sidewalk

(Fixed Minimum Unit Price of \$50.00/SY)

at the Unit Price of

Ninety five - Dollars

and No - Cents

(\$ 95.00) Per Square Yard

500 SY \$ 47500.00

Item 11A2 – For furnishing and installing
Concrete Driveway

(Fixed Minimum Unit Price of \$75.00/SY)

at the Unit Price of

One hundred twenty - Dollars

and No - Cents

(\$ 120.00) Per Square Yard

1,000 SY \$ 120,000.00

Item 11A4 – For furnishing and installing
Concrete Curb/Gutter

(Fixed Minimum Unit Price of \$75.00/LF)

at the Unit Price of

Seventy five - Dollars

and No - Cents

(\$ 75.00) Per Linear Foot

900 LF \$ 67,500.00

Item 11B – Asphalt Restoration

Item 11B2 – For furnishing and installing
Asphalt Driveway

(Fixed Minimum Unit Price of \$25.00/SY)

at the Unit Price of

Thirty four - Dollars

and No - Cents

(\$ 34.00) Per Square Yard

300 SY \$ 10200.00

ERIE COUNTY WATER AUTHORITY

CONTRACT NO: GP-010

WATER SYSTEM IMPROVEMENTS - TRANSMISSION & DISTRIBUTION MAINS,
WILLET RD., ABBOTT RD., AND NORTH DR.
CITY LACKAWANNA, TOWN OF HAMBURG AND ORCHARD PARK, NY

Item 11B3 – For furnishing and installing
Asphalt Pavement Top Course (1-1/2" thickness)
(Fixed Minimum Unit Price of \$5.00/SY)

at the Unit Price of

fourteen — Dollars

and no — Cents

(\$ 14.00) Per Square Yard

500 SY \$ 7000.00

Item 11B4 – For furnishing and installing
Asphalt Pavement Binder Course (2" thickness)
(Fixed Minimum Unit Price of \$5.00/SY)

at the Unit Price of

fifteen — Dollars

and no — Cents

(\$ 15.00) Per Square Yard

18,200 SY \$ 273000.00

Item 11B5 – For furnishing and installing
Asphalt Pavement Base Course (4" thickness)
(Fixed Minimum Unit Price of \$5.00/SY)

at the Unit Price of

twenty three — Dollars

and no — Cents

(\$ 23.00) Per Square Yard

10,400 SY \$ 239200.00

Item 11B6 – For Cold Milling and Placement of
Asphalt Top Course (1-1/2" thickness) at the Unit Price of

nineteen — Dollars

and no — Cents

(\$ 19.00) Per Square Yard

6,000 SY \$ 114,000.00

ERIE COUNTY WATER AUTHORITY

CONTRACT NO: GP-010

WATER SYSTEM IMPROVEMENTS - TRANSMISSION & DISTRIBUTION MAINS,
WILLET RD., ABBOTT RD., AND NORTH DR.
CITY LACKAWANNA, TOWN OF HAMBURG AND ORCHARD PARK, NY

Item 11C – Landscape Restoration

Item 11C1 – For Landscaping

(Fixed Minimum Unit Price of \$3.00/LF)

at the Unit Price of

Three Dollars

and NO Cents

(\$ 3.00) Per Linear Foot

310 LF \$ 930.00

Item 11C2 – For Tree Planting

(Fixed Minimum Unit Price of \$100.00/EA)

at the Unit Price of

One Hundred Dollars

and NO Cents

(\$ 100.00) Per Each

4 EA \$ 400.00

Item 11C3 – For Removal of Trees

Less than 12-inch Diameter

(Fixed Minimum Unit Price of \$100.00/EA)

at the Unit Price of

One Hundred Dollars

and NO Cents

(\$ 100.00) Per Each

2 EA \$ 200.00

Item 11C4 – For Removal of Trees

Greater than 12-inch Diameter

(Fixed Minimum Unit Price of \$100.00/EA)

at the Unit Price of

One Hundred Dollars

and NO Cents

(\$ 100.00) Per Each

2 EA \$ 200.00

ERIE COUNTY WATER AUTHORITY

CONTRACT NO: GP-010

WATER SYSTEM IMPROVEMENTS - TRANSMISSION & DISTRIBUTION MAINS,
WILLET RD., ABBOTT RD., AND NORTH DR.
CITY LACKAWANNA, TOWN OF HAMBURG AND ORCHARD PARK, NY

Item 12 – Testing and Disinfection

Item 12A – For Testing and Disinfection,
(Fixed Minimum Unit Price of \$3.00/LF)
at the Unit Price of

Three Dollars

and No Cents
(\$ 3.00) Per Linear Foot

17,270 LF \$ 51810.00

Item 13 – Extra Work Items

Item 13A – For Extra Excavation,
12-inch Diameter and Smaller Pipe (8 to 10 feet deep),
(Fixed Minimum Unit Price of \$10.00/LF)
at the Unit Price of

Nineteen Dollars

and No Cents
(\$ 19.00) Per Linear Foot

600 LF \$ 11400.00

Item 13B – For Extra Excavation,
12-inch Diameter and Smaller Pipe (10 to 12 feet deep),
(Fixed Minimum Unit Price of \$15.00/LF)
at the Unit Price of

Twenty Dollars

and No Cents
(\$ 20.00) Per Linear Foot

100 LF \$ 2000.00

Item 13C – For Extra Excavation,
16-inch Diameter and Larger Pipe (11 to 13 feet deep),
(Fixed Minimum Unit Price of \$20.00/LF)
at the Unit Price of

Twenty Dollars

and No Cents
(\$ 20.00) Per Linear Foot

400 LF \$ 8000.00

ERIE COUNTY WATER AUTHORITY

CONTRACT NO: GP-010

WATER SYSTEM IMPROVEMENTS - TRANSMISSION & DISTRIBUTION MAINS,
WILLET RD., ABBOTT RD., AND NORTH DR.

CITY LACKAWANNA, TOWN OF HAMBURG AND ORCHARD PARK, NY

Item 13D – For Extra Excavation,
24-inch Diameter and Larger Pipe (13 to 15 feet deep),
(Fixed Minimum Unit Price of \$25.00/LF)
at the Unit Price of

thirty Dollars
and no Cents
(\$ 30.00) Per Linear Foot

250 LF \$ 7500.00

Item 13E – For furnishing and installing Extra
Concrete, (Fixed Minimum Unit Price of \$100.00/CY)
at the Unit Price of

one hundred Dollars
and no Cents
(\$ 100.00) Per Cubic Yard

60 CY \$ 6000.00

Item 13F – For furnishing and installing Flowable Fill
(Fixed Minimum Unit Price of \$300.00/CY)
at the Unit Price of

three hundred Dollars
and no Cents
(\$ 300.00) Per Cubic Yard

1,125 CY \$ 337500.00

Item 14A – For providing
Repair Crew Labor and Equipment
(Fixed Minimum Unit Price of \$150.00/HR),
at the Unit Price of

one hundred and fifty Dollars
and no Cents
(\$ 150.00) Per Hour

40 HR \$ 6000.00

ERIE COUNTY WATER AUTHORITY

CONTRACT NO: GP-010

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WILLET RD., ABBOTT RD., AND NORTH DR.

CITY LACKAWANNA, TOWN OF HAMBURG AND ORCHARD PARK, NY

Item 15A – For providing

Vacuum Truck and Labor

(Fixed Minimum Unit Price of \$125.00/HR),

at the Unit Price of

One Hundred twenty four Dollars

and no Cents

(\$ 125.00) Per Hour

40 HR \$ 5000.00

Item 16A – For Contingency Allowance

at the Unit Price of

Two Hundred Thousand Dollars

and Zero Cents

(\$ 200,000.00) Per Lump Sum

1 LS \$ 200,000.00

TOTAL BID AMOUNT (This total is for convenience in
comparing Bids and is not an official part of this Bid.)

\$ 9,937,080.00

(Figures)

Nine million Nine Hundred thirty seven thousand &
Eighty — Dollars and no — Cents
(Written Amount)