



July 27, 2017

Reference No. 8618690

Ms. Sharon Lynn  
City of Rehoboth Beach  
229 Rehoboth Avenue  
Rehoboth Beach, DE 19971

Re: Rehoboth Beach Force Main  
Contract No. 2017-002

Dear Ms. Lynn:

Four bids have been received and opened for the above referenced project on July 13, 2017. They were tabulated as follows:

Bid	Bidder	Base Bid Price	Total Bid Price
1	A-Del Construction	\$5,436,372.00	\$5,700,447.00
2	Allan Myers	\$5,427,445.00	\$5,725,555.00
3	Teal Construction, Inc.	\$6,351,650.00	\$6,636,636.00
4	George & Lynch, Inc.	\$8,080,572.00	\$8,539,381.00
	Engineer's Opinion of Probable Construction Cost		\$4,858,500.00

The Base Bid Price is a summation of the Lump Sum Bid Items A-1 thru A-6 and Unit Price Bid Items B-1 thru B-16. The Total Bid Price is the summation of the Base Bid and the Contingent Unit Price Bid Items C-1 thru C-16.

A canvass of the bids has been prepared and is attached. There were no mathematical errors in the submitted bids. A-Del Construction, headquartered in Newark, Delaware, submitted the lowest total bid of \$5,700,447.00. This is \$25,108.00 (0.4%) less than the next lowest total bid. Their total bid is \$841,947 (17%) higher than the Engineer's opinion of probable construction cost (OPCC) total bid (\$4,858,500).

The apparent low bidder is deemed to be responsive and responsible to the requirements of the bid proposal. In reviewing the A-Del Construction bid package, we were able to verify that they have complied with the following bid proposal requirements:

- Required Bid Security in the form of a Bid Bond
  - Bidder's Qualification Statement
  - List of Proposed Subcontractors
  - Contractor's License Number or Evidence of Bidder's Ability to Obtain a State Contractor's License
  - Non-Collusive Bidding Certification
  - An Equal Opportunity Employer
  - Delaware Pollution Control Revolving Loan Fund, Program Requirements
1. Delaware Water Pollution Control Revolving Fund Compliance Form (EO 11246)
  2. Notice to Prospective Subcontractors of Requirements for Certification of Non-Segregated Facilities compliance form
  3. EPA form number 6100-3 – DBE Program Subcontractor Performance Form
  4. EPA form number 6100-4 – DBE Program Subcontractor Utilization Form
  5. DBE Rule Term and Condition Form
  6. American Iron and Steel Certification Form

A-Del Construction intends to use three subcontractors for flagging, precast, and fencing, respectively. Each cost was solicited from MBE/DBE registered subcontractors. If additional subcontractor needs arise during the project, A-Del Construction will continue to solicit pricing from other registered MBE/DBE subcontractors.

References were provided by A-Del Construction, some of whom were contacted as part of the bid review process. Those references provided mostly positive feedback on A-Del Construction's performance. Summaries of reference calls are provided below, and copies of the complete phone survey results are attached.

<b><i>Cedar Lane Force Main</i></b>			
<b>Owner</b>	New Castle Co., Delaware Special Services Kevin Penozza; 302-395-5723	<b>Contract Amount</b>	\$225,000.00
<b>Consultant</b>	KCI Technologies	<b>Completed</b>	June 2014
<b>Comments</b>	<p><b>The following is a review based on phone conversation with Kevin Penozza:</b></p> <p><b>Project Overview:</b> The project involved installing 1700 feet of 24" PVC force main and a large valve vault that would allow the new force main to connect to an existing force main. The project was conducted in a farm field.</p> <p><b>Project Budget/Change Orders:</b> They were within their budget and had one change order that was additional work requested by the County.</p> <p><b>Project Quality:</b> Quality of work performed has been satisfactory. They are great with paperwork, and there were no issues with installation and testing. There was one minor issue with the contractor going outside of the limit of disturbance in the farm field, which resulted in the farmer receiving compensation.</p> <p><b>Summary:</b> The owner has been very satisfied with A-Del Construction's work and has been working with the company for 16 years. A-Del Construction is one of the owner's preferred contractors.</p>		

<b><i>Milford Neck Area Sewer</i></b>			
<b>Owner</b>	Kent County., Levy Court Public Works Brian Hall; 302-744-2430	<b>Contract Amount</b>	\$1,473,401
<b>Consultant</b>	KCI Technologies Daniel String; 302-731-9176	<b>Completed</b>	Current
<b>Comments</b>	<p><b>The following is a review based on a conversation with Brian Hall:</b></p> <p><b>Project Overview:</b> This septic elimination project is located in a primarily residential area, comprised of a gravity collection, one pump station, associated force main systems, and connection to an existing/active force main.</p> <p><b>Project Schedule:</b> The project is not completed yet, but the project is about 35% complete based on a combination of time and money.</p> <p><b>Project Budget/Change Orders:</b> There have been no change orders to date, but there was a modest deduction for changing a portion of the piping installation from initially being trenchless techniques to now being open cut.</p> <p><b>Project Quality:</b> Quality of work performed so far has been generally satisfactory and submitted paperwork and submittals have been of very good quality.</p> <p><b>Summary:</b> The owner has been satisfied with the work done so far and believes A-Del is a competent and capable contractor.</p>		

<i>Little Heaven Roadway Project</i>			
<b>Owner</b>	AECOM (DELDOT) Scott Keefer 302-218-6099	<b>Contract Amount</b>	\$40,000,000.00
<b>Consultant</b>	Century Engineering 302-734-9188	<b>Completed</b>	Current
<b>Comments</b>	<p><b>The following is a review based on a phone conversation with Scott Keefer :</b></p> <p><b>Project Overview:</b> The project involves adding new service roads to an existing highway, relocating existing roads, and relocation of sewer lines and an existing force main.</p> <p><b>Project Schedule:</b> The contractor is currently on schedule and very close to budget.</p> <p><b>Project Budget/Change Orders:</b> There have been some change orders but they have all been justified.</p> <p><b>Project Quality:</b> There were some difficulties with the guided bore for the sewer lines, as the contractor had issues keeping the bore on the right elevation due to the composition of the soil. Scott believes this was due to the soil conditions and stated that otherwise the contractor has done well.</p> <p><b>Summary:</b> The owner believes that A-Del Construction has the capability to perform the work, but expressed slight concerns when it comes to receiving paperwork in a timely manner. Some days are difficult depending on who is running the job and communication on the contractor's part, whereas other days run smoothly.</p>		

Based on the information provided, GHD believes that A-Del Construction has been responsive and is capable of performing the Rehoboth Beach Force Main within the requirements set forth in the Bid Documents. GHD sees no reason to not award the contract to A-Del Construction.

Sincerely,

GHD INC.



Kelvin George, PE  
Project Manager

KSG/yts

Attachments: Canvas of Bids  
A-Del Construction Bid Package  
Record of Telephone Conversations

BID FORM

CONTRACTOR'S BID  
FOR  
CONSTRUCTION OF CONTRACT NO. 2017-002  
CITY OF REHOBOTH BEACH FORCE MAIN  
CITY OF REHOBOTH BEACH, DELAWARE

ARTICLE 1 - BID RECIPIENT

1.01. THIS BID IS SUBMITTED TO:

City of Rehoboth Beach  
City Hall Complex  
229 Rehoboth Avenue  
Rehoboth, Delaware 19971

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 - BIDDER'S ACKNOWLEDGEMENTS

2.01. Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 120 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

ARTICLE 3 - BIDDER'S REPRESENTATIONS

3.01. In submitting this Bid, Bidder represents that:

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

Addendum No.	Addendum Date
No. 01	July 6, 2017
_____	_____
_____	_____
_____	_____

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 of the Work.

C. Bidder is familiar with and is satisfied as to all 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 relating to existing surface or subsurface structures at the Site (except Underground Facilities) that have been identified

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in SC-4.02 as containing reliable "technical data", and (2) reports and drawings of Hazardous Environmental Conditions, if any, at the Site that have been identified in SC-4.06

- E. Bidder has considered the information known to Bidder; 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 Site-related reports and drawings identified in the Bidding Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) 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; and (3) Bidder's safety precautions and programs.
- F. Based on the information and observations referred to in Paragraph 3.01.E above, 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) bid and within the times required, 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 others at the Site that relates to the Work as indicated in the Bidding Documents.
- H. 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.
- I. 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.

### ARTICLE 4 - BIDDER'S CERTIFICATION

#### 4.01. Bidder certifies that:

- A. 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;
- B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;
- C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and
- D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Article:
  - 1. "Corrupt practice" means the offering, giving, receiving, or soliciting of any thing of value likely to influence the action of a public official in the bidding process;
  - 2. "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

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artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;

3. "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; and
4. "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.

**ARTICLE 5 - BASIS OF BID**

- 5.01. Bidder will perform the Work in accordance with the Contract Documents for the prices shown in the Bid Schedule that follow.
- 5.02. Bidder acknowledges that Bidder's price(s) constitute Bidder's sole compensation for performing all Work required by the Contract Documents and if a particular part of the Work is not listed specifically in the Bid Item Descriptions, Bidder has included that part of the Work in the Bid Item Description which it most logically belongs.
  - A. Schedule A: Lump Sum Bid Items: Lump sum items included all Work in the Contract Documents except items specifically identified as Unit Price Work, and Contingent Unit Price Work.

ITEM No.	DESCRIPTION	TOTAL PRICE
A-1	Mobilization to the Project site as specified	\$ 163,000.00
A-2	Grove Park Restoration	\$ 57,250.00
A-3	Maintenance of Traffic	\$ 236,000.00
A-4	Sediment and Erosion Control	\$ 106,000.00
A-5	Air Release Valve Vault STA 110+00, Including DIP Piping, Air Release Valves, Grading, Per Details, As Specified Complete in Place	\$ 200,000.00
A-6	Dune Sand Removal, Stockpiling, Grading, Revegetation, Stabilization, and Restoration as required from Station 109+00 to STA 112+88	69,250.00
<b>Subtotal (Sum of Items A-1 through A-6)</b>		<b>\$ 831,500.00</b>

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**B. Schedule B: Unit Price Work:**

1. Quantities for Unit Price Work listed herein are in accordance with General Conditions Article 11.03.B.
2. Bidders acknowledge that estimated quantities are not guaranteed, and are solely for the purposes 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. Refer to Section 01025 for Unit Price Bid Item Descriptions.
4. Unit Price Work shall be in accordance with the requirements of the Contract Documents. All Unit Price Work shall include furnishing and installing listed items and all associated work required for a complete installation. Unit Price Work shall also include testing where testing is specified in the Contract Documents for the listed items and/or associated items required for a complete installation.

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	BID PRICE
B-1	Furnish, install, and test 24-inch PVC (AWWA C905, PR 235, DR 18) Force Main including bends, couplings, finishes, and all appurtenances with Push-On Joints, as Specified, Complete in Place	LF	8,128	\$ 169.25	\$ 1,375,664.00
B-2	Furnish and install 24-inch PVC Force Main (AWWA C905, PR 235, DR 18) w/ Joint Restraint, including bends, couplings, finishes, and all appurtenances with Push-On Joints as Specified, Complete in Place	LF	3,172	\$ 291.50	\$ 924,638.00
B-3	For Furnishing and Installing additional fittings not shown on Drawings	EA	5	\$ 3,600.00	\$ 18,000.00
B-4	Air Release Valve Manhole, as Specified, Complete in Place	EA	9	\$ 31,800.00	\$ 286,200.00
B-5	Furnish and Install Guaranteed Bore, as specified, complete in place, 36" Diameter Casing (t=0.5") with 24-inch PVC (AWWA C905, PR 235, DR 18) Carrier Pipe w/ Joint Restraint	LF	352	\$ 1,890.00	\$ 665,280.00

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ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	BID PRICE
B-6	For Cutting (Sawing) All Asphalt Pavement, Removal (Also Including any Concrete Encountered Under and Asphalt Surface Treatment) and replacing subgrade GABC and Binder as Specified, Complete in Place	SY	5,000	\$ 58.00	\$ 290,000.00
B-7	For Milling Existing Asphalt Pavement	SY	31,260	\$ 2.00	\$ 62,520.00
B-8	Asphalt Surface Course	SY	31,260	\$ 12.00	\$ 375,120.00
B-9	Concrete Curb and Gutter, Concrete Islands and Sidewalks	SF	400	\$ 25.50	\$ 10,200.00
B-10	For Removal and Replacement In-Kind of Existing Fence to a Condition as Equal or Better, as Directed by the Engineer	LF	550	\$ 45.00	\$ 24,750.00
B-11	Concrete Cradle Per Detail	EA	8	\$ 4,450.00	\$ 35,600.00
B-12	For Replacing Gravel Shoulder, As Specified, Complete in Place	SY	7,000	\$ 32.00	\$ 224,000.00
B-13	Water Services	EA	30	\$ 2,000.00	\$ 60,000.00
B-14	Sewer Services	EA	30	\$ 2,550.00	\$ 76,500.00
B-15	Excavation, Hauling, and Dispose of "Landfill" Type Materials to County's Landfill	TN	900	\$ 125.00	\$ 112,500.00
B-16	For "Select Backfill" Material, as Specified, Shaped and Compacted, Complete in Place.	CY	3,600	\$ 17.75	\$ 63,900.00
<b>Subtotal (Sum of Items B-1 through B-16)</b>					<b>\$4,604,872.00</b>

**C. Schedule C: Contingent Unit Price Work:**

- Bidder proposes to accept as full payment for the Contingent Unit Price Work proposed herein, the amounts computed under the conditions of the Bidding

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Documents and based on the following Contingent Unit Price Work amounts, it being expressly understood that the unit prices are independent of the exact quantities involved, and will be performed only at the express written authorization of Engineer.

2. Quantities for Contingent Unit Price Work represent quantities above and beyond that required by the Contract Documents.
3. Contingent Unit Price Work shall be in accordance with the requirements of the Contract Documents. All Contingent Unit Price Work shall include furnishing and installing listed items and all associated work required for a complete installation. Contingent Unit Price Work shall also include testing where testing is specified in the Contract Documents for the listed items and/or associated items required for a complete installation.
4. Contingent Unit Price Work quantities listed herein are in accordance with General Conditions Article 11.03.B.
5. Where Contingent Unit Prices are included in the Bid Form, Bidders shall agree to perform the listed work for those unit prices. Bidders are not allowed to change Contingent Unit Prices identified on the Bid Form.

ITEM No.	DESCRIPTION	UNIT	ALLOCATED QUANTITY	UNIT PRICE	BID PRICE
C-1	Test Pits in Paved Areas – includes all associated site restoration	EA	50	\$ 470.00	\$ 23,500.00
C-2	Test Pits in Non-Paved Areas – includes all associated site restoration	EA	50	\$ 440.00	\$ 22,000.00
C-3	Concrete Walks- includes subsurface preparation, subsurface materials, and compaction	SF	100	\$ 19.00	\$ 1,900.00
C-4	For removing and reconstructing existing storm sewer inlets, as specified, complete in place	EA	10	\$ 4,700.00	\$ 47,000.00
C-5	Geotextile Trench Stabilization Fabric (MUST BID MIN \$5)	SY	1,000	\$ 5.00	\$ 5,000.00
C-6	For removing and reconstructing 36-inch existing storm sewer, as specified, complete in place	LF	40	\$ 165.00	\$ 6,600.00
C-7	For removing and reconstructing 30-inch existing storm sewer, as specified, complete in place	LF	40	\$ 135.00	\$ 5,400.00

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ITEM NO.	DESCRIPTION	UNIT	ALLOCATED QUANTITY	UNIT PRICE	BID PRICE
C-8	For removing and reconstructing 24-inch existing storm sewer, as specified, complete in place	LF	40	\$ 120.00	\$ 4,800.00
C-9	For removing and reconstructing 18-inch existing storm sewer, as specified, complete in place	LF	40	\$ 110.00	\$ 4,400.00
C-10	For removing and reconstructing 15-inch existing storm sewer, as specified, complete in place	LF	40	\$ 93.00	\$ 3,720.00
C-11	For removing and reconstructing 12-inch existing storm sewer, as specified, complete in place	LF	40	\$ 92.00	\$ 3,680.00
C-12	For Relocating Underground Utilities, as Specified, Complete In Place	--	--	--	--
C-12a	Underground Telephone Cables	LF	10	\$ 500.00	\$ 5,000.00
C-12b	Underground Electric Power Cables	LF	10	\$ 500.00	\$ 5,000.00
C-12c	Underground TV Cables	LF	10	\$ 500.00	\$ 5,000.00
C-12d	Underground Plastic Gas Lines	LF	10	\$ 500.00	\$ 5,000.00
C-13	Furnish, forming and placing plain concrete blocking and encasement, as specified, Complete In Place	CY	100	\$ 175.00	\$ 17,500.00
C-14	Miscellaneous Excavation and Replacement Using DE #1 Stone for Trench Foundation Stabilization Material, as Specified, Complete in Place	TN	1,200	\$ 71.50	\$ 85,800.00
C-15	For Select Backfill Material, as Specified, Shaped and Compacted, Complete in Place	CY	100	\$ 17.75	\$ 1,775.00

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ITEM NO.	DESCRIPTION	UNIT	ALLOCATED QUANTITY	UNIT PRICE	BID PRICE
C-16	Connection between Force Main and Outfall, Station 113+00+/-, Installation including, couplings, finishes, w/ Joint Restraint and all appurtenances as Specified, Complete in Place	LS	1	\$ 11,000.00	\$ 11,000.00
<b>Subtotal (Sum of Items C-1 through C-16)</b>					\$ 264,075.00

D. Total Bid Price:

- Determination of the apparent low Bidder shall be based on the Total Bid Price determined as follows.
- All mathematical errors will be corrected. In case of a discrepancy between unit prices bid and extended totals, unit prices will govern. In case of discrepancy between the correct sum of individual bid items and the (incorrectly) calculated sum, the correct sum of individual bid items will govern.

ITEM NO.	TOTAL PRICE
Schedule A Total (Lump Sum Bid Items)	\$ 831,500.00
Schedule B Total (Unit Price Work)	\$ 4,604,872.00
Schedule C Total (Contingent Unit Price Work)	\$ 264,075.00
<b>Total Bid Price</b>	\$ 5,700,447.00

TOTAL BID PRICE (in words)

Five million seven hundred thousand four hundred and forty-seven dollars and zero cents.

**ARTICLE 6 - TIME OF COMPLETION**

- Bidder agrees that the Work will be substantially completed and ready for final payment in accordance with paragraph 14.07 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.
- Bidder accepts the provisions of the Agreement as to liquidated damages.

**ARTICLE 7 - ATTACHMENTS TO THIS BID**

- The following documents are submitted with and made a condition of this Bid:
  - Required Bid Security in the form of a Bid Bond ✓
  - Bidder's Qualification Statement ✓

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