



GEORGE, MILES & BUHR, LLC



ARCHITECTS  
ENGINEERS

400 HIGH STREET  
SEAFORD, DE 19973  
PH: 302.628.1421  
FAX: 302.628.8350

SALISBURY  
BALTIMORE  
SEAFORD

www.gmbnet.com



November 26, 2019

Board of Public Works  
107 Franklin Avenue  
Lewes, DE 19958

Attn: Darrin Gordon  
General Manager

Re: Pilottown Road Sewer and Water Improvements Project  
Lewes, Delaware  
GMB File No. R180175

Dear Mr. Gordon:

Bids for the referenced project were opened in the offices of the Lewes Board of Public Works at 2:00 p.m. on November 12, 2019. Bids were received from Teal Construction, Inc. and JJID, Inc. A copy of the Bid Summary, Bid Tabulation, and originals of the two (2) bids received, are enclosed for your files.

The lowest responsible total base bid with contingent items and add-alternates (Schedules A + B + C + D + E + F) was received from Teal Construction, Inc. in the amount of \$3,660,876.00. We have reviewed the bid proposals and found them to be consistent with the bidding requirements.

We routinely recommend that the Board's attorney review the bid documents who has been copied with this recommendation and enclosures.

**Accordingly, GMB recommends an award to Teal Construction, Inc. in the amount of \$3,660,876.00, which includes the Total Base Bid (Schedules A + B) and Add Alternates (Schedules C + D + E + F).**

We understand that this will be discussed at the BPW Board meeting on December 3, 2019. GMB will be in attendance to discuss the bid and answer any questions. If the Board concurs with our recommendation, please forward to our office an appropriate letter, or resolution, of intent to award. Upon receipt, GMB will prepare the BPW/Contractor Agreement and arrange the pre-construction conference to be held mid-December 2019.

JAMES H. WILLEY, JR., PE  
PETER A. BOZICK, JR., PE  
JUDY A. SCHWARTZ, PE  
CHARLES M. O'DONNELL, III, PE  
W. BRICE FOXWELL, PE  
A. REGGIE MARINER, JR., PE  
JAMES C. HOAGESON, PE  
STEPHEN L. MARSH, PE  
DAVID A. VANDERBEEK, PE  
ROLAND E. HOLLAND, PE  
JASON M. LYTLE, PE  
CHRIS B. DERBYSHIRE, PE  
W. MARK GARDOCKY, PE  
MORGAN H. HELFRICH, AIA  
KATHERINE J. MCALLISTER, PE

JOHN E. BURNSWORTH, PE  
MICHAEL G. KOBIN, PE  
VINCENT A. LUCIANI, PE  
ANDREW J. LYONS, JR., PE  
W. NICHOLAS LLOYD  
AUTUMN J. WILLIS

If you have any questions, please contact me at 302.628.1421 (office) or 410.430.7056 (cell). Thank you.

Sincerely,



Vincent A. Luciani, P.E.  
Sr. Project Manager

VAL/jd

Enclosures

cc: Tarabicos Grossos, LLP  
Attn: Michael J. Hoffman (w/encls.)

Section 3 BID

PILOTTOWN ROAD SEWER & WATER IMPROVEMENTS PROJECT  
FOR  
LEWES BOARD OF PUBLIC WORKS  
LEWES, DELAWARE

Date NOVEMBER 12, 2019

TO: LEWES BOARD OF PUBLIC WORKS  
107 FRANKLIN AVENUE  
LEWES, DELAWARE 19958

Ladies/Gentlemen:

Proposal of TEAL CONSTRUCTION, Inc (hereinafter called "BIDDER"), organized and existing under the laws of the State of DELAWARE doing business as a CORPORATION (Insert "a corporation", "a partnership", "an individual" or other business type as applicable.) to the LEWES BOARD OF PUBLIC WORKS (hereinafter called "OWNER").

In compliance with your Advertisement for Bids, BIDDER hereby proposes to perform all WORK for the PILOTTOWN ROAD SEWER & WATER IMPROVEMENTS PROJECT, in strict accordance with the CONTRACT DOCUMENTS, within the time set forth therein, and at the prices stated below.

By submission of this BID, each BIDDER certifies, and in the case of a joint BID each party thereto certifies as to his own organization, that this BID has been arrived at independently, without consultation, communication, or agreement as to any matter relating to his BID with any other BIDDER or with any competitor.

BIDDER hereby agrees to commence WORK under this contract on or before a date to be specified in the NOTICE TO PROCEED and to fully complete the PROJECT within 140 consecutive calendar days thereafter. BIDDER further agrees to pay liquidated damages, the sum of \$1,500.00 for each consecutive calendar day thereafter that he is in default in completing the Contract.

BIDDER acknowledges receipt of the following ADDENDUM:

ADDENDUM # 1, DATED 11/6/19  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Section 4 BID SCHEDULE

NOTE: BIDS shall include sales tax and all other applicable taxes and fees.

**SCHEDULE A: PILOTTOWN ROAD SEWER & WATER IMPROVEMENTS PROJECT**

Item No.	Description	Size or Depth	Unit	Est. Quantity	Unit Price Dols. Cts.	Total Price Dols. Cts.
A-1	Mobilization	-	LS	1	\$137,005. <sup>00</sup>	\$137,005. <sup>00</sup>
A-2	Removal, Relocation and/or Disposal	-	LS	1	12,500. <sup>00</sup>	12,500. <sup>00</sup>
A-3	Furnish & Install Graded Aggregate "Type B" Base Course for Permanent Trench Restoration	11"	CY	1,000	38. <sup>00</sup>	38,000. <sup>00</sup>
A-4	Superpave Type B for Permanent Trench Restoration	5"	SY	3,200	30. <sup>00</sup>	96,000. <sup>00</sup>
A-5	Milling Asphalt Pavement	2"	SY	20,700	4. <sup>00</sup>	82,800. <sup>00</sup>
A-6	Furnish & Install Superpave Type C for Overlay	2"	SY	20,700	16. <sup>00</sup>	331,200. <sup>00</sup>
A-7	Furnish & Install Thermoplastic Traffic Markings	-	LS	1	26,432. <sup>00</sup>	26,432. <sup>00</sup>
A-8	Furnish & Install Epoxy Resin Paint Traffic Striping and Markings	-	LS	1	33,630. <sup>00</sup>	33,630. <sup>00</sup>
A-9	Furnish & Install Concrete Sidewalk ADA Ramps	6"	SF	270	70. <sup>00</sup>	18,900. <sup>00</sup>
A-10	Furnish & Install Concrete Sidewalk to Tie-in ADA ramp	6"	SF	500	25. <sup>00</sup>	12,500. <sup>00</sup>
A-11	Furnish & Install Depressed Curb and Gutter for ADA Ramp Installation	-	LF	75	113. <sup>00</sup>	8,475. <sup>00</sup>
A-12	Furnish & Install Regular Curb and Gutter for ADA Ramp Installation	-	LF	300	65. <sup>00</sup>	19,500. <sup>00</sup>
A-13	PVC Water Main	10"	LF	950	94. <sup>00</sup>	89,300. <sup>00</sup>
A-14	Furnish & Install PE SDR 9 Water Service Laterals	1"	LF	3,500	21. <sup>00</sup>	73,500. <sup>00</sup>
A-15	Furnish & Install Corporation Stops	1"	EA	130	1,986. <sup>00</sup>	258,180. <sup>00</sup>
A-16	Furnish & Install Curb Stops and Boxes	1"	EA	130	633. <sup>00</sup>	82,290. <sup>00</sup>
A-17	Furnish & Install Water Meter Pits and Meter Setters	1"	EA	32	1,480. <sup>00</sup>	47,360. <sup>00</sup>



Item No.	Description	Size or Depth	Unit	Est. Quantity	Unit Price Dols. Cts.	Total Price Dols. Cts.
A-18	Concrete Sidewalk Repairs for Water Service Replacement	-	SY	150	\$ 290. <sup>00</sup>	\$ 43,500. <sup>00</sup>
A-19	Brick Sidewalk Repairs for Water Service Replacement	-	SY	20	246. <sup>00</sup>	4,920. <sup>00</sup>
A-20	Furnish and Install 6" Valve and Hydrant Including 6" Lead	-	EA	7	20,105. <sup>00</sup>	140,735. <sup>00</sup>
A-21	Furnish and Install Insertion Valve	6"	EA	1	17,919	17,919. <sup>00</sup>
A-22	Abandonment of Existing Water Services From house side of Pilottown road to canal side of Pilottown road	-	EA	55	402. <sup>00</sup>	22,110. <sup>00</sup>
A-23	Abandonment of Existing 4" Water Main	-	LS	1	7,294. <sup>00</sup>	7,294. <sup>00</sup>
A-24	Abandonment of Existing 6" Water Main	-	LS	1	11,731. <sup>00</sup>	11,731. <sup>00</sup>
A-25	Transition Virden Center Water Main to 10" Main on Pilottown Road	-	LS	1	39,695. <sup>00</sup>	39,695. <sup>00</sup>
A-26	Transition Rodney Avenue Water Main to 10" Service	-	LS	1	27,898. <sup>00</sup>	27,898. <sup>00</sup>
A-27	Transition Hornkill Avenue Water Main to 10" Main on Pilottown Road	-	LS	1	28,303. <sup>00</sup>	28,303. <sup>00</sup>
A-28	Transition Harborview Road Water Main to 10" Main on Pilottown Road	-	LS	1	33,973. <sup>00</sup>	33,973. <sup>00</sup>
A-29	Transition Carey Lane Water Main to 10" Main on Pilottown Road	-	LS	1	31,948. <sup>00</sup>	31,948. <sup>00</sup>
A-30	Transition New Road Water Main to 10" Main on Pilottown Road	-	LS	1	67,857. <sup>00</sup>	67,857. <sup>00</sup>
A-31	Transition Shipcarpenter Street Water Main to 10" Main on Pilottown Road	-	LS	1	65,900. <sup>00</sup>	65,900. <sup>00</sup>
A-32	Utility Work at Marina Drive	-	LS	1	21,823. <sup>00</sup>	21,823. <sup>00</sup>
A-33	Utility Work at Ocean View Boulevard	-	LS	1	21,283. <sup>00</sup>	21,283. <sup>00</sup>
A-34	Utility Work at Queen Anne Avenue	-	LS	1	47,992. <sup>00</sup>	47,992. <sup>00</sup>
A-35	Furnish and Install CIPP Liner for Laterals (0' to 15' total length)	6"	EA	45	4,602. <sup>00</sup>	207,090. <sup>00</sup>

Item No.	Description	Size or Depth	Unit	Est. Quantity	Unit Price Dols. Cts.	Total Price Dols. Cts.
A-35a	Furnish and Install CIPP Liner for Laterals (greater than 15' to 25' total length)	6"	EA	40	\$4,838. <sup>00</sup>	\$193,520. <sup>00</sup>
A-35b	Pre-Installation Cleaning and Video Inspection of Sanitary Sewer Laterals	6"	EA	85	472. <sup>00</sup>	40,120. <sup>00</sup>
A-36	Furnish and Install CIPP Liner	8"	LF	6,400	50. <sup>00</sup>	320,000. <sup>00</sup>
A-36a	Pre-Installation Cleaning and Video Inspection of Sanitary Sewer Main	8"	LF	6,400	3. <sup>54</sup>	22,456. <sup>00</sup>
A-37	Furnish and Install CIPP Liner	10"	LF	300	50. <sup>74</sup>	15,222. <sup>00</sup>
A-37a	Pre-Installation Cleaning and Video Inspection of Sanitary Sewer Main	10"	LF	300	4. <sup>13</sup>	1,239. <sup>00</sup>
A-38	Furnish and Install CIPP Liner	12"	LF	25	118. <sup>00</sup>	2,950. <sup>00</sup>
A-38a	Pre-Installation Cleaning and Video Inspection of Sanitary Sewer Main	12"	LF	25	4. <sup>72</sup>	118. <sup>00</sup>
A-39	Furnish and Install CIPP Liner	15"	LF	370	100. <sup>00</sup>	37,000. <sup>00</sup>
A-39a	Pre-Installation Cleaning and Video Inspection of Sanitary Sewer Main	15"	LF	370	4. <sup>50</sup>	1,665. <sup>00</sup>
A-40	Furnish and Install Sanitary Sewer Lateral Cleanout	-	EA	85	1,600. <sup>00</sup>	136,000. <sup>00</sup>
A-41	Furnish and Install Sanitary Sewer Cleanout Frame and Cover	-	EA	85	600. <sup>00</sup>	51,000. <sup>00</sup>
A-42	Abandon Sanitary Sewer Manhole	-	EA	7	1,500. <sup>00</sup>	10,500. <sup>00</sup>
A-43	Furnish & Install Class IV RCP Storm Drain	12"	LF	50	249. <sup>00</sup>	12,450. <sup>00</sup>
A-44	Furnish & Install Precast Inlet w/ Type A Top	34" x 18"	EA	2	3,500. <sup>00</sup>	7,000. <sup>00</sup>
A-45	Furnish and Install Erosion and Sediment Control	-	LS	1	25,128. <sup>00</sup>	25,128. <sup>00</sup>
A-46	Private Property Transitions/Restoration	-	LS	1	94,280. <sup>00</sup>	94,280. <sup>00</sup>
A-47	Furnish and Install Gate Valve at Intersection of Savannah Road and Anglers Road	12"	LS	1	18,712. <sup>00</sup>	18,712. <sup>00</sup>
<b>TOTAL SCHEDULE A:</b>					<b>\$3,199,003.<sup>00</sup></b>	

**SCHEDULE B: CONTINGENT ITEMS**

The following are contingent bid items established for use as directed by the Engineer.

Item No.	Description	Size or Depth	Unit	Est. Quantity	Unit Price Dols. Cts.	Total Price Dols. Cts.
B-1	Secure Modified Proctor Tests, AASHTO T-180, Method A	-	EA	8	115. <sup>00</sup>	920. <sup>00</sup>
B-2	Secure Field Density Tests, AASHTO T-191	-	EA	15	250. <sup>00</sup>	3,750. <sup>00</sup>
B-3	Excavation Below Subgrade	-	CY	350	12. <sup>50</sup>	4,315. <sup>00</sup>
B-4	Furnishing and Placing Gravel Bedding	-	CY	350	12. <sup>50</sup>	4,315. <sup>00</sup>
B-5	Miscellaneous Excavation and Backfill	-	CY	300	12. <sup>50</sup>	3,750. <sup>00</sup>
B-6	Furnishing and Placing Special Backfill	-	CY	1,600	18. <sup>00</sup>	28,800. <sup>00</sup>
B-7	Topsoil, Fertilize, Seed, and Mulch	-	SY	50	30. <sup>00</sup>	1,500. <sup>00</sup>
B-8	Furnish and Place Miscellaneous (4000 PSI) Concrete	-	CY	15	188. <sup>00</sup>	2,820. <sup>00</sup>
B-9	Utility Crew Rate	-	HR	30	746. <sup>00</sup>	22,380. <sup>00</sup>
B-10	Street Restoration Crew Rate	-	HR	30	746. <sup>00</sup>	22,380. <sup>00</sup>
B-11	Furnish and Install Insertion Valve	4"	EA	1	15,106. <sup>00</sup>	15,106. <sup>00</sup>
B-12	Furnish and Install Insertion Valve	6"	EA	1	15,982. <sup>00</sup>	15,982. <sup>00</sup>
B-13	Furnish and Install Insertion Valve	10"	EA	1	22,231. <sup>00</sup>	22,231. <sup>00</sup>
B-14	Furnish and Install Insertion Valve	12"	EA	1	24,732. <sup>00</sup>	24,732. <sup>00</sup>
B-15	Furnish and Install Gate Valve	6"	EA	1	3,991. <sup>00</sup>	3,991. <sup>00</sup>
B-16	Furnish and Install Gate Valve	10"	EA	1	5,554. <sup>00</sup>	5,554. <sup>00</sup>
B-17	Furnish and Install Gate Valve	12"	EA	1	6,179. <sup>00</sup>	6,179. <sup>00</sup>
B-18	Furnish and Install Line Stop	4"	EA	1	13,481. <sup>00</sup>	13,481. <sup>00</sup>
B-19	Furnish and Install Line Stop	6"	EA	1	14,106. <sup>00</sup>	14,106. <sup>00</sup>



Item No.	Description	Size or Depth	Unit	Est. Quantity	Unit Price Dols. Cts.	Total Price Dols. Cts.
<b>TOTAL SCHEDULE B: CONTINGENT ITEMS</b>						<i>\$ 216,412.<sup>00</sup></i>
<b>TOTAL BASE BID WITH CONTINGENT ITEMS (SCHEDULES A + B)</b>						<i>\$ 3,415,415.<sup>00</sup></i>

**SCHEDULE C: BID ALTERNATE NO. 1 – TRANSITION OCEAN VIEW BOULEVARD WATER MAIN TO 10” SERVICE**

The following are alternate bid items established for use as directed by the Engineer related to improvements on the Pilottown Road Sewer & Water Improvements Project.

Item No.	Description	Size or Depth	Unit	Est. Quantity	Unit Price Dols. Cts.	Total Price Dols. Cts.
C-1	TRANSITION OCEAN VIEW BOULEVARD WATER MAIN TO 10” SERVICE	-	LS	1	<i>\$ 43,912.<sup>00</sup></i>	<i>\$ 43,912.<sup>00</sup></i>
<b>TOTAL SCHEDULE C: BID ALTERNATE NO. 1</b>						<i>\$ 43,912.<sup>00</sup></i>

**SCHEDULE D: BID ALTERNATE NO. 2 – TRANSITION QUEEN ANNE AVENUE WATER MAIN TO 12” PVC SERVICE**

The following are alternate bid items established for use as directed by the Engineer related to improvements on the Pilottown Road Sewer & Water Improvements Project.

Item No.	Description	Size or Depth	Unit	Est. Quantity	Unit Price Dols. Cts.	Total Price Dols. Cts.
D-1	TRANSITION QUEEN ANNE AVENUE WATER MAIN TO 12” PVC SERVICE	-	LS	1	<i>\$ 47,662.<sup>00</sup></i>	<i>\$ 47,662.<sup>00</sup></i>
<b>TOTAL SCHEDULE D: BID ALTERNATE NO. 2</b>						<i>\$ 47,662.<sup>00</sup></i>

**SCHEDULE E: BID ALTERNATE NO. 3 – TRANSITION MARINA DRIVE WATER MAIN TO 10” PVC SERVICE**

The following are alternate bid items established for use as directed by the Engineer related to improvements on the Pilottown Road Sewer & Water Improvements Project.

Item No.	Description	Size or Depth	Unit	Est. Quantity	Unit Price Dols. Cts.	Total Price Dols. Cts.
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Item No.	Description	Size or Depth	Unit	Est. Quantity	Unit Price Dols. Cts.	Total Price Dols. Cts.
E-1	TRANSITION MARINA DRIVE WATER MAIN TO 10" PVC SERVICE	-	LS	1	\$ 47,662. <sup>00</sup>	\$ 47,662. <sup>00</sup>
<b>TOTAL SCHEDULE E: BID ALTERNATE NO. 3</b>						<b>\$ 47,662.<sup>00</sup></b>

**SCHEDULE F: BID ALTERNATE NO. 4 – INSTALL ELECTRICAL CONDUIT BY HORIZONTAL DIRECTIONAL DRILL UNDER PILOTTOWN ROAD**

The following are alternate bid items established for use as directed by the Engineer related to improvements on the Pilottown Road Sewer & Water Improvements Project.

Item No.	Description	Size or Depth	Unit	Est. Quantity	Unit Price Dols. Cts.	Total Price Dols. Cts.
F-1	Install Electrical Conduit By Horizontal Directional Drill Under Pilottown Road (60 LF at each location)	2"	EA	35	\$ 3,035. <sup>00</sup>	\$ 106,225. <sup>00</sup>
<b>TOTAL SCHEDULE F: BID ALTERNATE NO. 4</b>						<b>\$ 106,225.<sup>00</sup></b>

The undersigned BIDDER proposes to use the following named SUBCONTRACTORS:

- GEORGE & LYNCH, INC.
- FOX TAPPING, INC.
- STANDARD PIPE SERVICES
- GERALD D. BOWMAN CONTRACTOR'S, INC.

Enclosed herewith is a Certified Check or Bid Bond in the amount of Ten Percent (10%) of the Base Bid.

The following CORPORATION is headquartered and/or chartered in the State of DELAWARE.  
Business Type

License No. (if applicable) 1989013374.

Jeffrey M. Wamb  
Witness

Neil Edgell  
Signature

CORPORATE SEAL

PRESIDENT  
Title

TEAL CONSTRUCTION, INC.  
Firm Name

NOVEMBER 12, 2019  
Date

PO BOX 779 DOVER, DE 19903  
Business Address

Section 5 BID BOND

KNOW ALL MEN BY THESE PRESENTS, that we, the undersigned, \_\_\_\_\_

Teal Construction, Inc.

\_\_\_\_\_ as Principal and

Travelers Casualty and Surety Company of America

\_\_\_\_\_ as Surety,

are hereby held and firmly bound unto the Lewes Board of Public Works as OWNER in the penal sum of Ten Percent of the Amount Bid (-- 10% --)

for the payment of which, well and truly to be made, we hereby jointly and severally bind ourselves, successors and assigns.

Signed, this 12th day of November 2019.

The Condition of the above obligation is such that whereas the Principal has submitted to Lewes (DE) Board of Public Works a certain BID, attached hereto and hereby made a part hereof to enter into a contract in writing, for the construction of PILOTTOWN ROAD SEWER & WATER IMPROVEMENTS project with contract and the work to be done hereunder and the specifications accompanying the same shall be deemed a part thereof to the same extent as if fully set out herein.

NOW, THEREFORE,

- (a) If said BID shall be rejected, or
- (b) If said BID shall be accepted and the Principal shall execute and deliver a contract in the form of Contract attached hereto (properly completed in accordance with said BID) and shall furnish a BOND for his faithful performance of said contract, and for the payment of all persons performing labor or furnishing materials in connection therewith, and shall in all other respects perform the agreement created by the acceptance of said BID.

then this obligation shall be void, otherwise the same shall remain in force and effect; it being expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall, in no event, exceed the penal amount of this obligation as herein stated.

The Surety, for value received, hereby stipulates and agrees that the obligations of said Surety and its BOND shall be in no way impaired or affected by any extension of the time within which the OWNER may accept such BID; and said Surety does hereby waive notice of any such extension.

In WITNESS, WHEREOF, the Principal and the Surety have hereunto set their hands and seals, and such of them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, the day and year first set forth above.

Teal Construction, Inc.

(L.S.)

Principal

By:

Robert Edgell  
ROBERT EDGELL, PRESIDENT

Travelers Casualty and Surety Company of America

Surety

By:

Frederick A. Pung  
Frederick A. Pung, Attorney-in-Fact





**Travelers Casualty and Surety Company of America  
Travelers Casualty and Surety Company  
St. Paul Fire and Marine Insurance Company**

**POWER OF ATTORNEY**

**KNOW ALL MEN BY THESE PRESENTS:** That Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company are corporations duly organized under the laws of the State of Connecticut (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint **Frederick A Pung** of **COLUMBIA Maryland**, their true and lawful Attorney-in-Fact to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.  
**IN WITNESS WHEREOF**, the Companies have caused this instrument to be signed, and their corporate seals to be hereto affixed, this **3rd** day of **February**, 2017.



State of Connecticut

City of Hartford ss.

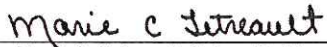
By:   
Robert L. Raney, Senior Vice President

On this the **3rd** day of **February**, 2017, before me personally appeared **Robert L. Raney**, who acknowledged himself to be the Senior Vice President of Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

**In Witness Whereof**, I hereunto set my hand and official seal.

My Commission expires the **30th** day of **June**, 2021



  
Marie C. Tetreault, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company, which resolutions are now in full force and effect, reading as follows:

**RESOLVED**, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

**FURTHER RESOLVED**, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

**FURTHER RESOLVED**, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

**FURTHER RESOLVED**, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or undertaking to which it is attached.

I, **Kevin E. Hughes**, the undersigned, Assistant Secretary of Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which remains in full force and effect.

Dated this **12th** day of **November**, 2019



  
Kevin E. Hughes, Assistant Secretary

**To verify the authenticity of this Power of Attorney, please call us at 1-800-421-3880.  
Please refer to the above-named Attorney-In-Fact and the details of the bond to which the power is attached.**



**GENERAL CONTRACTORS**  
612 MARY STREET  
P.O. BOX 779  
DOVER, DELAWARE 19903

DE License No.: 1989013374

Lewes Board of Public Works  
Lewes City Hall  
East Third Street  
Lewes, DE 19958

Bid For: Pilottown Road Sewer & Water  
Improvements Project

Bid Date: November 12, 2019  
Bid Time: 2:00 p.m.

11-12-19  
1:41pm  
e.g. case





**Pilottown Road Sewer & Water Improvements  
GMB File No. 180175**

Bid Tabulation

Schedule A					JID, Inc.		Teal Construction, Inc	
Item No.	Description	Size or Depth	Measure Unit	Quantity	Unit Price	Total Price	Unit Price	Total Price
A-1	Mobilization	-	LS	1	\$ 360,000.00	\$ 360,000.00	\$ 137,005.00	\$ 137,005.00
A-2	Removal, Relocation and/or Disposal	-	LS	1	\$ 270,000.00	\$ 270,000.00	\$ 12,500.00	\$ 12,500.00
A-3	Furnish & Install Graded Aggregate "Type B" Base Course for Permanent Trench Restoration	11"	CY	1,000	\$ 90.00	\$ 90,000.00	\$ 38.00	\$ 38,000.00
A-4	Superpave Type B for Permanent Trench Restoration	5"	SY	3200	\$ 35.00	\$ 112,000.00	\$ 30.00	\$ 96,000.00
A-5	Milling Asphalt Pavement	2"	SY	20700	\$ 3.00	\$ 62,100.00	\$ 4.00	\$ 82,800.00
A-6	Furnish & Install Superpave Type C for Overlay	2"	SY	20700	\$ 13.00	\$ 269,100.00	\$ 16.00	\$ 331,200.00
A-7	Furnish & Install Thermoplastic Traffic Markings	-	LS	1	\$ 5,000.00	\$ 5,000.00	\$ 26,432.00	\$ 26,432.00
A-8	Furnish & Install Epoxy Resin Paint Traffic Striping and Markings	-	LS	1	\$ 9,750.00	\$ 9,750.00	\$ 33,630.00	\$ 33,630.00
A-9	Furnish & Install Concrete Sidewalk ADA Ramps	6"	SF	270	\$ 120.00	\$ 32,400.00	\$ 70.00	\$ 18,900.00
A-10	Furnish & Install Concrete Sidewalk to Tie-in ADA ramp	6"	SF	500	\$ 25.00	\$ 12,500.00	\$ 25.00	\$ 12,500.00
A-11	Furnish & Install Depressed Curb and Gutter for ADA Ramp Installation	-	LF	75	\$ 60.00	\$ 4,500.00	\$ 113.00	\$ 8,475.00
A-12	Furnish & Install Regular Curb and Gutter for ADA Ramp Installation	-	LF	300	\$ 60.00	\$ 18,000.00	\$ 65.00	\$ 19,500.00
A-13	PVC Water Main	10"	LF	950	\$ 140.00	\$ 133,000.00	\$ 94.00	\$ 89,300.00
A-14	Furnish & Install PE SDR 9 Water Service Laterals	1"	LF	3,500	\$ 50.00	\$ 175,000.00	\$ 21.00	\$ 73,500.00
A-15	Furnish & Install Corporation Stops	1"	EA	130	\$ 450.00	\$ 58,500.00	\$ 1,986.00	\$ 258,180.00
A-16	Furnish & Install Curb Stops and Boxes	1"	EA	130	\$ 650.00	\$ 84,500.00	\$ 633.00	\$ 82,290.00
A-17	Furnish & Install Water Meter Pits and Meter Setters	1"	EA	32	\$ 800.00	\$ 25,600.00	\$ 1,480.00	\$ 47,360.00
A-18	Concrete Sidewalk Repairs for Water Service Replacement	-	SY	150	\$ 200.00	\$ 30,000.00	\$ 290.00	\$ 43,500.00
A-19	Brick Sidewalk Repairs for Water Service Replacement	-	SY	20	\$ 500.00	\$ 10,000.00	\$ 246.00	\$ 4,920.00
A-20	Furnish and Install 6" Valve and Hydrant Including 6" Lead	-	EA	7	\$ 15,000.00	\$ 105,000.00	\$ 20,105.00	\$ 140,735.00
A-21	Furnish and Install Insertion Valve	6"	EA	1	\$ 10,000.00	\$ 10,000.00	\$ 17,919.00	\$ 17,919.00

A-22	Abandonment of Existing Water Services From house side of Pilottown road to canal side of Pilottown road	-	EA	55	\$ 800.00	\$ 44,000.00	\$ 402.00	\$ 22,110.00
A-23	Abandonment of Existing 4" Water Main	-	LS	1	\$ 20,000.00	\$ 20,000.00	\$ 7,294.00	\$ 7,294.00
A-24	Abandonment of Existing 6" Water Main	-	LS	1	\$ 25,000.00	\$ 25,000.00	\$ 11,731.00	\$ 11,731.00
A-25	Transition Virden Center Water Main to 10" Main on Pilottown Road	-	LS	1	\$ 40,000.00	\$ 40,000.00	\$ 39,595.00	\$ 39,595.00
A-26	Transition Rodney Avenue Water Main to 10" Service	-	LS	1	\$ 40,000.00	\$ 40,000.00	\$ 27,898.00	\$ 27,898.00
A-27	Transition Hornkill Avenue Water Main to 10" Main on Pilottown Road	-	LS	1	\$ 45,000.00	\$ 45,000.00	\$ 28,303.00	\$ 28,303.00
A-28	Transition Harborview Road Water Main to 10" Main on Pilottown Road	-	LS	1	\$ 50,000.00	\$ 50,000.00	\$ 33,973.00	\$ 33,973.00
A-29	Transition Carey Lane Water Main to 10" Main on Pilottown Road	-	LS	1	\$ 50,000.00	\$ 50,000.00	\$ 31,948.00	\$ 31,948.00
A-30	Transition New Road Water Main to 10" Main on Pilottown Road	-	LS	1	\$ 50,000.00	\$ 50,000.00	\$ 67,857.00	\$ 67,857.00
A-31	Transition Shipcarpenter Street Water Main to 10" Main on Pilottown Road	-	LS	1	\$ 65,000.00	\$ 65,000.00	\$ 65,900.00	\$ 65,900.00
A-32	Utility Work at Marina Drive	-	LS	1	\$ 20,000.00	\$ 20,000.00	\$ 21,823.00	\$ 21,823.00
A-33	Utility Work at Ocean View Boulevard	-	LS	1	\$ 25,000.00	\$ 25,000.00	\$ 21,283.00	\$ 21,283.00
A-34	Utility Work at Queen Anne Avenue	-	LS	1	\$ 20,000.00	\$ 20,000.00	\$ 47,992.00	\$ 47,992.00
A-35	Furnish and Install CIPP Liner for Laterals (0' to 15' total length)	6"	EA	45	\$ 4,700.00	\$ 211,500.00	\$ 4,602.00	\$ 207,090.00
A-35a	Furnish and Install CIPP Liner for Laterals (greater than 15' to 25' total length)	6"	EA	40	\$ 5,600.00	\$ 224,000.00	\$ 4,838.00	\$ 193,520.00
A-35b	Pre-Installation Cleaning and Video Inspection of Sanitary Sewer Laterals	6"	EA	85	\$ 1,500.00	\$ 127,500.00	\$ 472.00	\$ 40,120.00
A-36	Furnish and Install CIPP Liner	8"	LF	6,400	\$ 40.00	\$ 256,000.00	\$ 50.00	\$ 320,000.00
A-36a	Pre-Installation Cleaning and Video Inspection of Sanitary Sewer Main	8"	LF	6,400	\$ 5.00	\$ 32,000.00	\$ 3.54	\$ 22,656.00
A-37	Furnish and Install CIPP Liner	10"	LF	300	\$ 50.00	\$ 15,000.00	\$ 50.74	\$ 15,222.00
A-37a	Pre-Installation Cleaning and Video Inspection of Sanitary Sewer Main	10"	LF	300	\$ 5.00	\$ 1,500.00	\$ 4.13	\$ 1,239.00
A-38	Furnish and Install CIPP Liner	12"	LF	25	\$ 60.00	\$ 1,500.00	\$ 118.00	\$ 2,950.00
A-38a	Pre-Installation Cleaning and Video Inspection of Sanitary Sewer Main	12"	LF	25	\$ 5.00	\$ 125.00	\$ 4.72	\$ 118.00
A-39	Furnish and Install CIPP Liner	15"	LF	370	\$ 85.00	\$ 31,450.00	\$ 100.00	\$ 37,000.00
A-39a	Pre-Installation Cleaning and Video Inspection of Sanitary Sewer Main	15"	LF	370	\$ 7.50	\$ 2,775.00	\$ 4.50	\$ 1,665.00
A-40	Furnish and Install Sanitary Sewer Lateral Cleanout	-	EA	85	\$ 1,500.00	\$ 127,500.00	\$ 1,600.00	\$ 136,000.00
A-41	Furnish and Install Sanitary Sewer Cleanout Frame and Cover	-	EA	85	\$ 600.00	\$ 51,000.00	\$ 600.00	\$ 51,000.00
A-42	Abandon Sanitary Sewer Manhole	-	EA	7	\$ 2,000.00	\$ 14,000.00	\$ 1,500.00	\$ 10,500.00

A-43	Furnish & Install Class IV RCP Storm Drain	12"	LF	50	\$ 160.00	\$ 8,000.00	\$ 249.00	\$ 12,450.00
A-44	Furnish & Install Precast Inlet w/ Type A Top	34" x 18"	EA	2	\$ 4,000.00	\$ 8,000.00	\$ 3,500.00	\$ 7,000.00
A-45	Furnish and Install Erosion and Sediment Control	-	LS	1	\$ 30,000.00	\$ 30,000.00	\$ 25,128.00	\$ 25,128.00
A-46	Private Property Transitions/Restoration	-	LS	1	\$ 175,000.00	\$ 175,000.00	\$ 94,280.00	\$ 94,280.00
A-47	Furnish and Install Gate Valve at Intersection of Savannah Road and Anglers Road	12"	LS	1	\$ 8,500.00	\$ 8,500.00	\$ 18,712.00	\$ 18,712.00
<b>Total Schedule A: Pilottown Road Sewer &amp; Water Improvments:</b>					<b>\$ 3,696,300.00</b>		<b>\$ 3,199,003.00</b>	

Schedule B					JJID, Inc.		Teal Construction, Inc	
Item No.	Description	Size or Depth	Unit	Quantity	Unit Price	Total Price	Unit Price	Total Price
B1	Secure Modified Proctor Tests, AASHTO T-180, Method A	-	EA	8	\$ 150.00	\$ 1,200.00	\$ 115.00	\$ 920.00
B2	Secure Field Density Tests, AASHTO T-191	-	EA	15	\$ 250.00	\$ 3,750.00	\$ 250.00	\$ 3,750.00
B3	Excavation Below Subgrade	-	CY	350	\$ 10.00	\$ 3,500.00	\$ 12.50	\$ 4,375.00
B4	Furnishing and Placing Gravel Bedding	-	CY	350	\$ 70.00	\$ 24,500.00	\$ 12.50	\$ 4,375.00
B5	Miscellaneous Excavation and Backfill	-	CY	300	\$ 10.00	\$ 3,000.00	\$ 12.50	\$ 3,750.00
B6	Furnishing and Placing Special Backfill	-	CY	1,600	\$ 30.00	\$ 48,000.00	\$ 18.00	\$ 28,800.00
B7	Topsoil, Fertilize, Seed, and Mulch	-	SY	50	\$ 20.00	\$ 1,000.00	\$ 30.00	\$ 1,500.00
B8	Furnish and Place Miscellaneous (4000 PSI) Concrete	-	CY	15	\$ 150.00	\$ 2,250.00	\$ 188.00	\$ 2,820.00
B9	Utility Crew Rate	-	HR	30	\$ 500.00	\$ 15,000.00	\$ 746.00	\$ 22,380.00
B10	Street Restoration Crew Rate	-	HR	30	\$ 500.00	\$ 15,000.00	\$ 746.00	\$ 22,380.00
B11	Furnish and Install Insertion Valve	4"	EA	1	\$ 7,500.00	\$ 7,500.00	\$ 15,106.00	\$ 15,106.00
B12	Furnish and Install Insertion Valve	6"	EA	1	\$ 9,000.00	\$ 9,000.00	\$ 15,982.00	\$ 15,982.00
B13	Furnish and Install Insertion Valve	10"	EA	1	\$ 12,000.00	\$ 12,000.00	\$ 22,231.00	\$ 22,231.00
B14	Furnish and Install Insertion Valve	12"	EA	1	\$ 15,000.00	\$ 15,000.00	\$ 24,732.00	\$ 24,732.00
B15	Furnish and Install Gate Valve	6"	EA	1	\$ 3,000.00	\$ 3,000.00	\$ 3,991.00	\$ 3,991.00
B16	Furnish and Install Gate Valve	10"	EA	1	\$ 4,500.00	\$ 4,500.00	\$ 5,554.00	\$ 5,554.00
B17	Furnish and Install Gate Valve	12"	EA	1	\$ 5,000.00	\$ 5,000.00	\$ 6,179.00	\$ 6,179.00
B18	Furnish and Install Line Stop	4"	EA	1	\$ 4,500.00	\$ 4,500.00	\$ 13,481.00	\$ 13,481.00
B19	Furnish and Install Line Stop	6"	EA	1	\$ 6,000.00	\$ 6,000.00	\$ 14,106.00	\$ 14,106.00
<b>Total Schedule B: Contingent Items:</b>					<b>\$ 183,700.00</b>		<b>\$ 216,412.00</b>	
<b>Total Base Bid - Schedule A + Schedule B:</b>					<b>\$ 3,880,000.00</b>		<b>\$ 3,415,415.00</b>	

Schedule C					JJID, Inc.		Teal Construction, Inc	
Item No.	Description	Size or Depth	Unit	Quantity	Unit Price	Total Price	Unit Price	Total Price
C1	Transition Ocean View Boulevard Water Main to 10" Service	-	LS	1	\$ 50,000.00	\$ 50,000.00	\$ 43,912.00	\$ 43,912.00
<b>Total Schedule C: Bid Alternate 1:</b>					<b>\$ 50,000.00</b>		<b>\$ 43,912.00</b>	



Schedule D					JJID, Inc.		Teal Construction, Inc	
Item No.	Description	Size or Depth	Unit	Quantity	Unit Price	Total Price	Unit Price	Total Price
D1	Transition Queen Anne Avenue Water Main to 12" PVC Service	-	LS	1	\$ 50,000.00	\$ 50,000.00	\$ 47,662.00	\$ 47,662.00
<b>Total Schedule D: Bid Alternate 2:</b>					<b>\$ 50,000.00</b>		<b>\$ 47,662.00</b>	

Schedule E					JJID, Inc.		Teal Construction, Inc	
Item No.	Description	Size or Depth	Unit	Quantity	Unit Price	Total Price	Unit Price	Total Price
E1	Transition Marina Drive Water Main to 10" PVC Service	-	LS	1	\$ 35,000.00	\$ 35,000.00	\$ 47,662.00	\$ 47,662.00
<b>Total Schedule E: Bid Alternate 3:</b>					<b>\$ 35,000.00</b>		<b>\$ 47,662.00</b>	

Schedule F					JJID, Inc.		Teal Construction, Inc	
Item No.	Description	Size or Depth	Unit	Quantity	Unit Price	Total Price	Unit Price	Total Price
F1	Install Electrical Conduit By Horizontal Directional Drill Under Pilottown Road (60 LF at each Location)	2"	EA	35	\$ 3,500.00	\$ 122,500.00	\$ 3,035.00	\$ 106,225.00
<b>Total Schedule F: Bid Alternate 4:</b>					<b>\$ 122,500.00</b>		<b>\$ 106,225.00</b>	

**Schedules A+B+C+D+E+F:**

**\$ 4,137,500.00**

**\$ 3,660,876.00**