



City of Clearwater
Public Utilities

Richard Gardner, Department Director
100 South Myrtle Avenue, Clearwater, FL 33756

[APPLIED DRILLING ENGINEERING, INC.] RESPONSE DOCUMENT REPORT

ITB No. 25-0027-UT

25-0027-UT Water, Reclaimed Water and Well Repair & Improvements

RESPONSE DEADLINE: September 30, 2025 at 2:00 pm

Report Generated: Tuesday, September 30, 2025

Applied Drilling Engineering, Inc. Response

CONTACT INFORMATION

Company:

Applied Drilling Engineering, Inc.

Email:

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Contact:

Paul Petrey

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10012 North Dale Mabry Hwy, Suite 217

Tampa

Tampa, FL 33618

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(813) 695-4358

Website:

www.applieddrillingengineering.com

Submission Date:

Sep 29, 2025 10:05 AM (Eastern Time)

ADDENDA CONFIRMATION

Addendum #1

Confirmed Sep 23, 2025 6:36 PM by Paul Petrey

Addendum #2

Confirmed Sep 29, 2025 1:33 PM by Paul Petrey

Addendum #3

Confirmed Sep 29, 2025 1:33 PM by Paul Petrey

Addendum #4

Confirmed Sep 30, 2025 12:52 PM by Paul Petrey

QUESTIONNAIRE

1. Certified Business*

Are you a Certified Small Business or a Certified Minority, Woman or Disadvantaged Business Enterprise?

Yes

CERTIFIED BUSINESS TYPE*

Pick one of the following

Certified Small Business

CERTIFYING AGENCY*

List the Agency that provided your certification.

City of St. Petersburg

CERTIFICATION DOCUMENTATION*

Provide a copy of your certification

ADE_SBE_Letter.pdf

2. Vendor Certification*

By submitting this response, the Vendor hereby certifies that:

- A. It is under no legal prohibition on contracting with the City of Clearwater.
- B. It has read, understands, and is in compliance with the specifications, terms and conditions stated herein, as well as its attachments, and any referenced documents.
- C. It has no known, undisclosed conflicts of interest.
- D. The prices offered were independently developed without consultation or collusion with any of the other vendors or potential vendors or any other anti-competitive practices.
- E. No offer of gifts, payments or other consideration were made to any City employee, officer, elected official, or consultant who has or may have had a role in the procurement process for the commodities or services covered by this contract. The Vendor has not influenced or attempted to influence any City employee, officer, elected official, or consultant in connection with the award of this contract.
- F. It understands the City may copy all parts of this response, including without limitation any documents or materials copyrighted by the Vendor, for internal use in evaluating respondent's offer, or in response to a public records request under Florida's public records law (F.S. Chapter 119) or other applicable law, subpoena, or other judicial process; provided that the City agrees not to change or delete any copyright or proprietary notices.
- G. It hereby warrants to the City that the Vendor and its subcontractors will comply with, and are contractually obligated to comply with, all federal, state, and local laws, rules, regulations, and executive orders.
- H. It certifies that Vendor is not presently debarred, suspended, proposed for debarment, declared ineligible, voluntarily excluded, or disqualified from participation in this matter from any federal, state, or local agency.

- I. It will provide the commodities or services specified in compliance with all federal, state, and local laws, rules, regulations, and executive orders if awarded by the City.
- J. It is current in all obligations due to the City.
- K. It will accept all terms and conditions as set forth in this solicitation if awarded by the City.
- L. The signatory is an officer or duly authorized representative of the Vendor with full power and authority to submit binding offers and enter into contracts for the commodities or services as specified herein.

Confirmed

3. E-Verify System Certification*

PER FLORIDA STATUTE 448.095, CONTRACTORS AND SUBCONTRACTORS MUST REGISTER WITH AND USE THE E-VERIFY SYSTEM TO VERIFY THE WORK AUTHORIZATION STATUS OF ALL NEWLY HIRED EMPLOYEES.

The affiant, by virtue of confirming below, certifies that:

- A. The Contractor and its Subcontractors are aware of the requirements of Florida Statute 448.095.
- B. The Contractor and its Subcontractors are registered with and using the E-Verify system to verify the work authorization status of newly hired employees.
- C. The Contractor will not enter into a contract with any Subcontractor unless each party to the contract registers with and uses the E-Verify system.
- D. The Subcontractor will provide the Contractor with an affidavit stating that the Subcontractor does not employ, contract with, or subcontract with unauthorized alien.
- E. The Contractor must maintain a copy of such affidavit.
- F. The City may terminate this Contract on the good faith belief that the Contractor or its Subcontractors knowingly violated Florida Statutes 448.09(1) or 448.095(2)(c).
- G. If this Contract is terminated pursuant to Florida Statute 448.095(2)(c), the Contractor may not be awarded a public contract for at least 1 year after the date on which this Contract was terminated.

H. The Contractor is liable for any additional cost incurred by the City as a result of the termination of this Contract.

Confirmed

4. Scrutinized Company Certification*

Please download the below documents, complete, notarize, and upload.

- [SCRUTINIZED COMPANIES AND B...](#)

Scrutinized_Companies_Forms.pdf

5. Compliance with Anti-Human Trafficking Laws*

Please download the below documents, complete, and upload.

- [Compliance with 787.06 form...](#)

Compliance_with_Anti-Human_Trafficking_Laws.pdf

6. Section V - Contract Documents*

Please download the below documents, complete, and upload.

- [Section V - Contract Docume...](#)

City_of_Clearwater_Bid_Bond.pdf

7. W-9*

Upload your current W-9 form. (available at <https://www.irs.gov/pub/irs-pdf/fw9.pdf>)

ADE_W9_Form.pdf

PRICE TABLES

25-0027-UT WATER, RECLAIMED WATER AND WELL REPAIR & IMPROVEMENTS (GROUP A - WATER AND RCW POINT REPAIR)

All bid items, unless otherwise specified, shall be inclusive of furnishing all material and labor for the complete installation of the bid item, inclusive of any necessary removal. Installation shall be completed in accordance with the specifications. The quantities provided are estimated per year for bidding purposes and may vary based on the actual work throughout the duration of the contract. The City of Clearwater (City) is not obligated to purchase any minimum or maximum amount during the life of the contract. Unit costs for all bid items shall not be changed in the event of overruns or underruns. All groups do not need to be priced however, all items within a group need to be completed in order to be considered for award of that group.

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
GENERAL - GROUP A: Water and RCW Point Repair					
*Mobilization shall be per work order as defined by the City. Each work order may include more than one individual project. The unit price for mobilization shall not exceed \$4,000 for non emergency mobilization and \$5,000 for emergency mobilization. Emergency and non emergency mobilization are further defined in Section IV of the Contract Documents.					
1	*Emergency Mobilization/Demobilization & General Conditions and Traffic Control1 (max \$5,000)	30	EA	\$0.00	\$0.00
2	Non-Emergency Mobilization/Demobilization & General Conditions and Traffic Control1 (max \$4,000)	75	EA	\$0.00	\$0.00
Bid Items 3a to 3i shall be fully inclusive of furnishing and installation all items to provide a complete maintenance of traffic installation including but not limited to signage, barricades, channelizing devices, flaggers, etc. Bid Items 3j-3r shall only be allowed where not included as part of a complete MOT bid item.					
3a	FDOT Index 601 - Work Beyond the Shoulder	180	EA/DAY	\$0.00	\$0.00
3b	FDOT Index 602 - Work on Shoulder	180	EA/DAY	\$0.00	\$0.00
3c	FDOT Index 603 - Two Lane Two Way Work within Travel way	60	EA/DAY	\$0.00	\$0.00
3d	FDOT Index 604 - Two Lane Two Way - Intersection Work	60	EA/DAY	\$0.00	\$0.00

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Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
3e	FDOT Index 613 - Multilane Roadway - Lane Closures	60	EA/DAY	\$0.00	\$0.00
3f	FDOT Index 615 - Multilane Roadway - Intersection Work	60	EA/DAY	\$0.00	\$0.00
3g	FDOT Index 620 - Multilane Roadway - Temporary Diversion	60	EA/DAY	\$0.00	\$0.00
3h	FDOT Index 625 - Temporary Road Closure	60	EA/DAY	\$0.00	\$0.00
3i	FDOT Index 628 - Two Way Left Turn Lanes	60	EA/DAY	\$0.00	\$0.00
3j	Flagman	200	HOUR	\$0.00	\$0.00
3k	Arrow Board - 5' Minimum Horizontal Size	30	EA/DAY	\$0.00	\$0.00
3l	Variable Message Board	30	EA/DAY	\$0.00	\$0.00
3m	Concrete Barrier (FDOT Index No. 415)	60	EA/DAY	\$0.00	\$0.00
3n	Low Profile Barrier (FDOT Index No. 412)	60	EA/DAY	\$0.00	\$0.00
3o	Sign in Work Zone	100	EA/DAY	\$0.00	\$0.00
3p	FDOT Cone	100	EA/DAY	\$0.00	\$0.00
3q	FDOT Channelizing Drum	100	EA/DAY	\$0.00	\$0.00
3r	Barricade, Type III with Warning Light	100	EA/DAY	\$0.00	\$0.00
3s	Barricade, Type I or II with Warning Light	100	EA/DAY	\$0.00	\$0.00
LABOR AND EQUIPMENT					

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
Bid Items 4a-l and 5a-v shall only be used at the approval of the City where other bid items are not fully inclusive or where applicable at discretion and approval of the City.					
LABOR HOUR					
4a	Foreman regular time	1,500	HOUR	\$0.00	\$0.00
4b	Foreman overtime	200	HOUR	\$0.00	\$0.00
4c	Operator regular time	2,000	HOUR	\$0.00	\$0.00
4d	Operator overtime	200	HOUR	\$0.00	\$0.00
4e	Truck Driver regular time	1,000	HOUR	\$0.00	\$0.00
4f	Truck Driver overtime	50	HOUR	\$0.00	\$0.00
4g	Pipe Layer regular time	2,000	HOUR	\$0.00	\$0.00
4h	Pipe Layer overtime	200	HOUR	\$0.00	\$0.00
4i	Laborer regular time	2,000	HOUR	\$0.00	\$0.00
4j	Laborer overtime	2,000	HOUR	\$0.00	\$0.00
4k	Preconstruction Video	30	DAY	\$0.00	\$0.00
4l	Asbuilt Survey	80	DAY	\$0.00	\$0.00
EQUIPMENT					
5a	Foreman's pickup truck with hand tools	1,500	HOUR	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
5b	Job truck with tools	1,500	HOUR	\$0.00	\$0.00
5c	Tractor & Trailer (Transport)	200	HOUR	\$0.00	\$0.00
5d	Track Hoe (to 100 HP)	1,100	HOUR	\$0.00	\$0.00
5e	Track Hoe (101 HP to 170 HP)	500	HOUR	\$0.00	\$0.00
5f	Track Hoe (171 HP and up)	750	HOUR	\$0.00	\$0.00
LANDSCAPING/RESTORATION					
6a	Sodding	75,000	SF	\$0.00	\$0.00
6b	Brush Removal	40	TON	\$0.00	\$0.00
6c	Tree Protection	15	EA	\$0.00	\$0.00
6d	Tree Removal (<6" Trunk Diameter)	5	EA	\$0.00	\$0.00
6e	Tree Removal (6"-12" Trunk Diameter)	3	EA	\$0.00	\$0.00
6f	Tree Removal (13"-18" Trunk Diameter)	3	EA	\$0.00	\$0.00
6g	Tree Removal (>18" Trunk Diameter)	3	EA	\$0.00	\$0.00
MATERIALS					
7a	Remove and Replace Concrete Sidewalk, (4" Min Thickness)	500	SF	\$0.00	\$0.00
7b	Remove and Replace Concrete Sidewalk, (6" Min Thickness)	500	SF	\$0.00	\$0.00

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Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
7c	Remove and Replace Concrete Driveway	250	SY	\$0.00	\$0.00
7d	Full Width Milling (Up to 2")	7,500	SY	\$0.00	\$0.00
7e	Full Width Milling (2" to 4")	7,500	SY	\$0.00	\$0.00
7f	SP 12.5 Asphalt Concrete Resurfacing	500	TON	\$0.00	\$0.00
7g	SP 9.5 Asphalt Concrete Resurfacing	500	TON	\$0.00	\$0.00
7h	Pavement Marking - Crosswalks (Lane)	500	LF	\$0.00	\$0.00
7i	Pavement Marking - Stop Bars (Lane)	250	EA	\$0.00	\$0.00
7j	Pavement Marking - School Crossing/RR	50	EA	\$0.00	\$0.00
7k	Pavement Marking - Turn, Straight, Combo Arrows	50	EA	\$0.00	\$0.00
7l	Pavement Marking - Dashed (White, Yellow, or Double Yellow)	500	LF	\$0.00	\$0.00
7m	Pavement Marking - Solid White	250	LF	\$0.00	\$0.00
7n	Pavement Marking - Solid Double Yellow	250	LF	\$0.00	\$0.00
7o	Pavement Marking - Solid Yellow	250	LF	\$0.00	\$0.00
7p	Temporary Pavement Marking - Turn, Straight, Combo Arrows	250	EA	\$0.00	\$0.00
7q	Temporary Pavement Marking - Dashed (White, Yellow, or Double Yellow)	250	LF	\$0.00	\$0.00
7r	Temporary Pavement Marking - Solid White	250	LF	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
7s	Temporary Pavement Marking - Solid Double Yellow	250	LF	\$0.00	\$0.00
7t	Temporary Pavement Marking - Solid Yellow	250	LF	\$0.00	\$0.00
7u	Remove and replace concrete curb and gutter (FDOT Type A)	750	LF	\$0.00	\$0.00
7v	Remove and replace concrete curb and gutter (FDOT Type E)	750	LF	\$0.00	\$0.00
7w	Remove and replace concrete curb and gutter (FDOT Type F)	750	LF	\$0.00	\$0.00
7x	3000 psi Concrete	100	CY	\$0.00	\$0.00
7y	Off Site Selected Fill	1,500	CY	\$0.00	\$0.00
7z	Limerock Base Material	750	TON	\$0.00	\$0.00
7aa	Crushed Concrete Base Material	750	TON	\$0.00	\$0.00
7ab	Stabilized Subgrade	750	TON	\$0.00	\$0.00
7ac	# 57 Washed Stone	750	TON	\$0.00	\$0.00
7ad	Removal of unsuitable soil	300	TON	\$0.00	\$0.00
7ae	Removal of buried concrete	300	TON	\$0.00	\$0.00
7af	Removal of Hazardous Material	300	TON	\$0.00	\$0.00
7ag	Rip Rap	300	TON	\$0.00	\$0.00
7ah	Flowable Fill	100	CY	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
7ai	Brick Pavers	100	SY	\$0.00	\$0.00
7aj	Geo Grid	20	SY	\$0.00	\$0.00
7ak	Shoring (4' to 6' deep)	10	EA	\$0.00	\$0.00
7al	Shoring (6' to 10' deep)	10	EA	\$0.00	\$0.00
7am	Steel Road Plates	40	EA	\$0.00	\$0.00
WELL POINT DEWATERING					
8	Well Point Dewatering	2,000	LF/DAY	\$0.00	\$0.00
GROUT FILL AND ABANDON MAIN					
9a	2"-6"	7,500	LF	\$0.00	\$0.00
9b	8"-12"	7,500	LF	\$0.00	\$0.00
9c	16"-24"	5,000	LF	\$0.00	\$0.00
9d	>30"	5,000	LF	\$0.00	\$0.00
REMOVE ABANDONED MAIN					
10a	2"-6"	5,000	LF	\$0.00	\$0.00
10b	8"-12"	5,000	LF	\$0.00	\$0.00
10c	16"-24"	2,000	LF	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
10d	>30"	500	LF	\$0.00	\$0.00
PRESSURE PIPE (OPEN CUT)					
PVC (Inclusive all Labor, Material, and Associated Restraints)					
11a	4" diameter (0' to 5')	1,000	LF	\$0.00	\$0.00
11b	4" diameter (5.1' to 10')	500	LF	\$0.00	\$0.00
11c	4" diameter (10.1' to 15')	100	LF	\$0.00	\$0.00
11d	4" diameter (15.1' to 20')	50	LF	\$0.00	\$0.00
11e	6" diameter (0' to 5')	1,000	LF	\$0.00	\$0.00
11f	6" diameter (5.1' to 10')	500	LF	\$0.00	\$0.00
11g	6" diameter (10.1' to 15')	100	LF	\$0.00	\$0.00
11h	6" diameter (15.1' to 20')	50	LF	\$0.00	\$0.00
11i	8" diameter (0' to 5')	1,000	LF	\$0.00	\$0.00
11j	8" diameter (5.1' to 10')	500	LF	\$0.00	\$0.00
11k	8" diameter (10.1' to 15')	100	LF	\$0.00	\$0.00
11l	8" diameter (15.1' to 20')	50	LF	\$0.00	\$0.00
11m	10" diameter (0' to 5')	200	LF	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
11n	10" diameter (5.1' to 10')	200	LF	\$0.00	\$0.00
11o	10" diameter (10.1' to 15')	50	LF	\$0.00	\$0.00
11p	10" diameter (15.1' to 20')	30	LF	\$0.00	\$0.00
DUCTILE IRON (Inclusive all Labor, Material, and Associated Restraints)					
12a	4" diameter (0' to 5')	1,000	LF	\$0.00	\$0.00
12b	4" diameter (5.1' to 10')	500	LF	\$0.00	\$0.00
12c	4" diameter (10.1' to 15')	100	LF	\$0.00	\$0.00
12d	4" diameter (15.1' to 20')	50	LF	\$0.00	\$0.00
12e	6" diameter (0' to 5')	1,000	LF	\$0.00	\$0.00
12f	6" diameter (5.1' to 10')	500	LF	\$0.00	\$0.00
12g	6" diameter (10.1' to 15')	100	LF	\$0.00	\$0.00
12h	6" diameter (15.1' to 20')	50	LF	\$0.00	\$0.00
12i	8" diameter (0' to 5')	1,000	LF	\$0.00	\$0.00
12j	8" diameter (5.1' to 10')	500	LF	\$0.00	\$0.00
12k	8" diameter (10.1' to 15')	100	LF	\$0.00	\$0.00
12l	8" diameter (15.1' to 20')	50	LF	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
12m	10" diameter (0' to 5')	100	LF	\$0.00	\$0.00
12n	10" diameter (5.1' to 10')	100	LF	\$0.00	\$0.00
12o	10" diameter (10.1' to 15')	50	LF	\$0.00	\$0.00
12p	10" diameter (15.1' to 20')	30	LF	\$0.00	\$0.00
12q	12" diameter (0' to 5')	1,000	LF	\$0.00	\$0.00
12r	12" diameter (5.1' to 10')	500	LF	\$0.00	\$0.00
12s	12" diameter (10.1' to 15')	100	LF	\$0.00	\$0.00
12t	12" diameter (15.1' to 20')	50	LF	\$0.00	\$0.00
12u	14" diameter (0' to 5')	100	LF	\$0.00	\$0.00
12v	14" diameter (5.1' to 10')	50	LF	\$0.00	\$0.00
12w	14" diameter (10.1' to 15')	20	LF	\$0.00	\$0.00
12x	14" diameter (15.1' to 20')	20	LF	\$0.00	\$0.00
12y	16" diameter (0' to 5')	500	LF	\$0.00	\$0.00
12z	16" diameter (5.1' to 10')	200	LF	\$0.00	\$0.00
12aa	16" diameter (10.1' to 15')	50	LF	\$0.00	\$0.00
12ab	16" diameter (15.1' to 20')	30	LF	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
12ac	18" diameter (0' to 5')	50	LF	\$0.00	\$0.00
12ad	18" diameter (5.1' to 10')	50	LF	\$0.00	\$0.00
12ae	18" diameter (10.1' to 15')	20	LF	\$0.00	\$0.00
12af	18" diameter (15.1' to 20')	20	LF	\$0.00	\$0.00
12ag	20" diameter (0' to 5')	500	LF	\$0.00	\$0.00
12ah	20" diameter (5.1' to 10')	200	LF	\$0.00	\$0.00
12ai	20" diameter (10.1' to 15')	50	LF	\$0.00	\$0.00
12aj	20" diameter (15.1' to 20')	30	LF	\$0.00	\$0.00
12ak	24" diameter (0' to 5')	500	LF	\$0.00	\$0.00
12al	24" diameter (5.1' to 10')	200	LF	\$0.00	\$0.00
12am	24" diameter (10.1' to 15')	50	LF	\$0.00	\$0.00
12an	24" diameter (15.1' to 20')	30	LF	\$0.00	\$0.00
12ao	30" diameter (0' to 5')	100	LF	\$0.00	\$0.00
12ap	30" diameter (5.1' to 10')	50	LF	\$0.00	\$0.00
12aq	30" diameter (10.1' to 15')	20	LF	\$0.00	\$0.00
12ar	30" diameter (15.1' to 20')	20	LF	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
12as	36" diameter (0' to 5')	100	LF	\$0.00	\$0.00
12at	36" diameter (5.1' to 10')	50	LF	\$0.00	\$0.00
12au	36" diameter (10.1' to 15')	20	LF	\$0.00	\$0.00
12av	36" diameter (15.1' to 20')	20	LF	\$0.00	\$0.00
HDPE (Inclusive all Labor, Material, and Associated Restraints)					
13a	4" diameter (0' to 5')	1,000	LF	\$0.00	\$0.00
13b	4" diameter (5.1' to 10')	500	LF	\$0.00	\$0.00
13c	4" diameter (10.1' to 15')	100	LF	\$0.00	\$0.00
13d	4" diameter (15.1' to 20')	50	LF	\$0.00	\$0.00
13e	6" diameter (0' to 5')	1,000	LF	\$0.00	\$0.00
13f	6" diameter (5.1' to 10')	500	LF	\$0.00	\$0.00
13g	6" diameter (10.1' to 15')	100	LF	\$0.00	\$0.00
13h	6" diameter (15.1' to 20')	50	LF	\$0.00	\$0.00
13i	8" diameter (0' to 5')	1,000	LF	\$0.00	\$0.00
13j	8" diameter (5.1' to 10')	500	LF	\$0.00	\$0.00
13k	8" diameter (10.1' to 15')	100	LF	\$0.00	\$0.00

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Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
13l	8" diameter (15.1' to 20')	50	LF	\$0.00	\$0.00
13m	10" diameter (0' to 5')	200	LF	\$0.00	\$0.00
13n	10" diameter (5.1' to 10')	200	LF	\$0.00	\$0.00
13o	10" diameter (10.1' to 15')	50	LF	\$0.00	\$0.00
13p	10" diameter (15.1' to 20')	30	LF	\$0.00	\$0.00
13q	12" diameter (0' to 5')	200	LF	\$0.00	\$0.00
13r	12" diameter (5.1' to 10')	200	LF	\$0.00	\$0.00
13s	12" diameter (10.1' to 15')	100	LF	\$0.00	\$0.00
13t	12" diameter (15.1' to 20')	50	LF	\$0.00	\$0.00
13u	16" diameter (0' to 5')	500	LF	\$0.00	\$0.00
13v	16" diameter (5.1' to 10')	200	LF	\$0.00	\$0.00
13w	16" diameter (10.1' to 15')	100	LF	\$0.00	\$0.00
13x	16" diameter (15.1' to 20')	50	LF	\$0.00	\$0.00
13y	18" diameter (0' to 5')	500	LF	\$0.00	\$0.00
13z	18" diameter (5.1' to 10')	200	LF	\$0.00	\$0.00
13aa	18" diameter (10.1' to 15')	100	LF	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
13ab	18" diameter (15.1' to 20')	50	LF	\$0.00	\$0.00
13ac	20" diameter (0' to 5')	500	LF	\$0.00	\$0.00
13ad	20" diameter (5.1' to 10')	200	LF	\$0.00	\$0.00
13ae	20" diameter (10.1' to 15')	100	LF	\$0.00	\$0.00
13af	20" diameter (15.1' to 20')	50	LF	\$0.00	\$0.00
13ag	24" diameter (0' to 5')	500	LF	\$0.00	\$0.00
13ah	24" diameter (5.1' to 10')	200	LF	\$0.00	\$0.00
13ai	24" diameter (10.1' to 15')	100	LF	\$0.00	\$0.00
13aj	24" diameter (15.1' to 20')	50	LF	\$0.00	\$0.00
13ak	30" diameter (0' to 5')	500	LF	\$0.00	\$0.00
13al	30" diameter (5.1' to 10')	200	LF	\$0.00	\$0.00
13am	30" diameter (10.1' to 15')	100	LF	\$0.00	\$0.00
13an	30" diameter (15.1' to 20')	50	LF	\$0.00	\$0.00
13ao	36" diameter (0' to 5')	500	LF	\$0.00	\$0.00
13ap	36" diameter (5.1' to 10')	200	LF	\$0.00	\$0.00
13aq	36" diameter (10.1' to 15')	100	LF	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
13ar	36" diameter (15.1' to 20')	50	LF	\$0.00	\$0.00
DUCTILE IRON FITTINGS (Tees, Crosses, 90, 45, 22.5, 11.25, Sleeve, and inclusive all necessary restraints)					
14a	4" diameter	2	TON	\$0.00	\$0.00
14b	6" diameter	2	TON	\$0.00	\$0.00
14c	8" diameter	2	TON	\$0.00	\$0.00
14d	10" diameter	2	TON	\$0.00	\$0.00
14e	12" diameter	2	TON	\$0.00	\$0.00
14f	14" diameter	2	TON	\$0.00	\$0.00
14g	16" diameter	2	TON	\$0.00	\$0.00
14h	18" diameter	2	TON	\$0.00	\$0.00
14i	20" diameter	2	TON	\$0.00	\$0.00
14j	24" diameter	2	TON	\$0.00	\$0.00
14k	30" diameter	2	TON	\$0.00	\$0.00
14l	36" diameter	2	TON	\$0.00	\$0.00
PIPE BURSTING					
15a	Furnish and Install 4" HDPE Perchlorinated Pipe Bursting, DR 11	1,000	LF	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
15b	Furnish and Install 6" HDPE Perchlorinated Pipe Bursting, DR 11	1,000	LF	\$0.00	\$0.00
15c	Furnish and Install 8" HDPE Perchlorinated Pipe Bursting, DR 11	1,000	LF	\$0.00	\$0.00
15d	Furnish and Install 10" HDPE Perchlorinated Pipe Bursting, DR 11	500	LF	\$0.00	\$0.00
15e	Furnish and Install 12" HDPE Perchlorinated Pipe Bursting, DR 11	1,000	LF	\$0.00	\$0.00
15f	Furnish and Install 16" HDPE Perchlorinated Pipe Bursting, DR 11	1,000	LF	\$0.00	\$0.00
15g	Furnish and Install 20" HDPE Perchlorinated Pipe Bursting, DR 11	1,000	LF	\$0.00	\$0.00
15h	Furnish and Install 24" HDPE Perchlorinated Pipe Bursting, DR 11	500	LF	\$0.00	\$0.00
15i	Furnish and Install 30" HDPE Perchlorinated Pipe Bursting, DR 11	500	LF	\$0.00	\$0.00
JACK AND BORE					
16a	Furnish and Install 4" PVC or DI Pipe in 16" OD Steel Casing Pipe by Jack and Bore per city standard detail	500	LF	\$0.00	\$0.00
16b	Furnish and Install 6" PVC or DI Pipe in 16" OD Steel Casing Pipe by Jack and Bore per city standard detail	500	LF	\$0.00	\$0.00
16c	Furnish and Install 8" PVC or DI Pipe in 18" OD Steel Casing Pipe by Jack and Bore per city standard detail	500	LF	\$0.00	\$0.00
16d	Furnish and Install 12" PVC or DI Pipe in 24" OD Steel Casing Pipe by Jack and Bore per city standard detail	750	LF	\$0.00	\$0.00
16e	Furnish and Install 16" PVC or DI Pipe in 30" OD Steel Casing Pipe by Jack and Bore per city standard detail	750	LF	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
16f	Furnish and Install 20" PVC or DI Pipe in 36" OD Steel Casing Pipe by Jack and Bore per city standard detail	750	LF	\$0.00	\$0.00
16g	Furnish and Install 24" PVC or DI Pipe in 42" OD Steel Casing Pipe by Jack and Bore per city standard detail	500	LF	\$0.00	\$0.00
16h	Furnish and Install 30" PVC or DI Pipe in 48" OD Steel Casing Pipe by Jack and Bore per city standard detail	300	LF	\$0.00	\$0.00
16i	Furnish and Install 36" PVC or DI Pipe in 54" OD Steel Casing Pipe by Jack and Bore per city standard detail	300	LF	\$0.00	\$0.00
16j	Furnish and Install 42" PVC or DI Pipe in 60" OD Steel Casing Pipe by Jack and Bore per city standard detail	300	LF	\$0.00	\$0.00
DIRECTIONAL DRILL					
17a	Furnish and Install 4" HDPE by directional drill, DR 11 with Transitional Ends with MJ Adapters	1,000	LF	\$0.00	\$0.00
17b	Furnish and Install 6" HDPE by directional drill, DR 11 with Transitional Ends with MJ Adapters	1,000	LF	\$0.00	\$0.00
17c	Furnish and Install 8" HDPE by directional drill, DR 11 with Transitional Ends with MJ Adapters	1,000	LF	\$0.00	\$0.00
17d	Furnish and Install 10" HDPE by directional drill, DR 11 with Transitional Ends with MJ Adapters	500	LF	\$0.00	\$0.00
17e	Furnish and Install 12" HDPE by directional drill, DR 11 with Transitional Ends with MJ Adapters	1,000	LF	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
17f	Furnish and Install 16" HDPE by directional drill, DR 11 with Transitional Ends with MJ Adapters	1,000	LF	\$0.00	\$0.00
17g	Furnish and Install 20" HDPE by directional drill, DR 11 with Transitional Ends with MJ Adapters	1,000	LF	\$0.00	\$0.00
17h	Furnish and Install 24" HDPE by directional drill, DR 11 with Transitional Ends with MJ Adapters	1,000	LF	\$0.00	\$0.00
17i	Furnish and Install 30" HDPE by directional drill, DR 11 with Transitional Ends with MJ Adapters	1,000	LF	\$0.00	\$0.00
17j	Furnish and Install 36" HDPE by directional drill, DR 11 with Transitional Ends with MJ Adapters	1,000	LF	\$0.00	\$0.00
17k	Furnish and Install 4" Restrained PVC by directional drill, DR 18 with Transitional Ends	1,000	LF	\$0.00	\$0.00
17l	Furnish and Install 6" Restrained PVC by directional drill, DR 18 with Transitional Ends	1,000	LF	\$0.00	\$0.00
17m	Furnish and Install 8" Restrained PVC by directional drill, DR 18 with Transitional Ends	1,000	LF	\$0.00	\$0.00
17n	Furnish and Install 10" Restrained PVC by directional drill, DR 18 with Transitional Ends	500	LF	\$0.00	\$0.00
17o	Furnish and Install 12" Restrained PVC by directional drill, DR 18 with Transitional Ends	1,000	LF	\$0.00	\$0.00
17p	Furnish and Install 16" Restrained PVC by directional drill, DR 18 with Transitional Ends	1,000	LF	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
17q	Furnish and Install 20" Restrained PVC by directional drill, DR 18 with Transitional Ends	1,000	LF	\$0.00	\$0.00
17r	Furnish and Install 24" Restrained PVC by directional drill, DR 18 with Transitional Ends	1,000	LF	\$0.00	\$0.00
17s	Furnish and Install 30" Restrained PVC by directional drill, DR 18 with Transitional Ends	1,000	LF	\$0.00	\$0.00
17t	Furnish and Install 36" Restrained PVC by directional drill, DR 18 with Transitional Ends	1,000	LF	\$0.00	\$0.00
SLIPLINE HDPE THROUGH EXISTING MAIN (Inclusive all Labor, Material, and Associated Restraints)					
18a	Furnish and Install 4" HDPE by slipline, DR 11 with Transitional Ends with MJ Adapters	1,000	LF	\$0.00	\$0.00
18b	Furnish and Install 6" HDPE by slipline, DR 11 with Transitional Ends with MJ Adapters	1,000	LF	\$0.00	\$0.00
18c	Furnish and Install 8" HDPE by slipline, DR 11 with Transitional Ends with MJ Adapters	1,000	LF	\$0.00	\$0.00
18d	Furnish and Install 10" HDPE by slipline, DR 11 with Transitional Ends with MJ Adapters	1,000	LF	\$0.00	\$0.00
18e	Furnish and Install 12" HDPE by slipline, DR 11 with Transitional Ends with MJ Adapters	1,000	LF	\$0.00	\$0.00
18f	Furnish and Install 16" HDPE by slipline, DR 11 with Transitional Ends with MJ Adapters	1,000	LF	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
18g	Furnish and Install 20" HDPE by slipline, DR 11 with Transitional Ends with MJ Adapters	1,000	LF	\$0.00	\$0.00
18h	Furnish and Install 24" HDPE by slipline, DR 11 with Transitional Ends with MJ Adapters	500	LF	\$0.00	\$0.00
18i	Furnish and Install 30" HDPE by slipline, DR 11 with Transitional Ends with MJ Adapters	500	LF	\$0.00	\$0.00
TEMPORARY WATER SERVICE					
19a	2" Temporary HDPE Water Main (Including Tap Connections to Existing Main)	2,500	LF	\$0.00	\$0.00
19b	4" Temporary HDPE Water Main (Including Tap Connections to Existing Main)	2,500	LF	\$0.00	\$0.00
19c	6" Temporary HDPE Water Main (Including Tap Connections to Existing Main)	1,000	LF	\$0.00	\$0.00
APPURTENANCES					
20a	4"	100	EA	\$0.00	\$0.00
20b	6"	100	EA	\$0.00	\$0.00
20c	8"	50	EA	\$0.00	\$0.00
20d	10"	10	EA	\$0.00	\$0.00
20e	12"	30	EA	\$0.00	\$0.00
20f	14"	10	EA	\$0.00	\$0.00
20g	16"	10	EA	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
20h	18"	10	EA	\$0.00	\$0.00
20i	20"	5	EA	\$0.00	\$0.00
20j	24"	5	EA	\$0.00	\$0.00
20k	30"	5	EA	\$0.00	\$0.00
20l	36"	5	EA	\$0.00	\$0.00
BUTTERFLY VALVES WITH VALVE BOX					
21a	12"	5	EA	\$0.00	\$0.00
21b	16"	5	EA	\$0.00	\$0.00
21c	18"	5	EA	\$0.00	\$0.00
21d	20"	5	EA	\$0.00	\$0.00
21e	24"	5	EA	\$0.00	\$0.00
21f	30"	5	EA	\$0.00	\$0.00
SERVICE SADDLES REPLACEMENT					
22a	3/4"	300	EA	\$0.00	\$0.00
22b	1"	300	EA	\$0.00	\$0.00
22c	1.5"	300	EA	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
22d	2"	100	EA	\$0.00	\$0.00
22e	4"	10	EA	\$0.00	\$0.00
22f	6"	10	EA	\$0.00	\$0.00
22g	8"	10	EA	\$0.00	\$0.00
22h	10"	10	EA	\$0.00	\$0.00
22i	12"	10	EA	\$0.00	\$0.00
22j	14"	10	EA	\$0.00	\$0.00
22k	16"	10	EA	\$0.00	\$0.00
22l	18"	10	EA	\$0.00	\$0.00
22m	20"	10	EA	\$0.00	\$0.00
TAPPING SLEEVES WITH TAPPING VALVES (Including 3 Piece Valve Box)					
23a	4"	25	EA	\$0.00	\$0.00
23b	6"	25	EA	\$0.00	\$0.00
23c	8"	25	EA	\$0.00	\$0.00
23d	10"	10	EA	\$0.00	\$0.00
23e	12"	10	EA	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
23f	14"	3	EA	\$0.00	\$0.00
23g	16"	3	EA	\$0.00	\$0.00
23h	18"	3	EA	\$0.00	\$0.00
23i	20"	3	EA	\$0.00	\$0.00
23j	24"	3	EA	\$0.00	\$0.00
23k	30"	3	EA	\$0.00	\$0.00
23l	36"	3	EA	\$0.00	\$0.00
INSERT GATE VALVES					
24a	4"	50	EA	\$0.00	\$0.00
24b	6"	50	EA	\$0.00	\$0.00
24c	8"	30	EA	\$0.00	\$0.00
24d	10"	10	EA	\$0.00	\$0.00
24e	12"	20	EA	\$0.00	\$0.00
LINE STOPS					
25a	2"	10	EA	\$0.00	\$0.00
25b	4"	10	EA	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
25c	6"	10	EA	\$0.00	\$0.00
25d	8"	10	EA	\$0.00	\$0.00
25e	10"	10	EA	\$0.00	\$0.00
25f	12"	15	EA	\$0.00	\$0.00
25g	14"	15	EA	\$0.00	\$0.00
25h	16"	15	EA	\$0.00	\$0.00
25i	18"	15	EA	\$0.00	\$0.00
25j	20"	10	EA	\$0.00	\$0.00
25k	24"	3	EA	\$0.00	\$0.00
25l	30"	3	EA	\$0.00	\$0.00
25m	36"	3	EA	\$0.00	\$0.00
REPAIR CLAMP					
26a	2"	15	EA	\$0.00	\$0.00
26b	4"	15	EA	\$0.00	\$0.00
26c	6"	15	EA	\$0.00	\$0.00
26d	8"	15	EA	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
26e	10"	15	EA	\$0.00	\$0.00
26f	12"	15	EA	\$0.00	\$0.00
26g	14"	5	EA	\$0.00	\$0.00
26h	16"	5	EA	\$0.00	\$0.00
26i	18"	5	EA	\$0.00	\$0.00
26j	20"	5	EA	\$0.00	\$0.00
26k	24"	5	EA	\$0.00	\$0.00
26l	30"	5	EA	\$0.00	\$0.00
26m	36"	5	EA	\$0.00	\$0.00
RESTRAINED JOINT (for Existing Mains)					
27a	2" Restrained Joint	50	EA	\$0.00	\$0.00
27b	4" Restrained Joint	100	EA	\$0.00	\$0.00
27c	6" Restrained Joint	100	EA	\$0.00	\$0.00
27d	8" Restrained Joint	100	EA	\$0.00	\$0.00
27e	10" Restrained Joint	100	EA	\$0.00	\$0.00
27f	12" Restrained Joint	100	EA	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
27g	16" Restrained Joint	50	EA	\$0.00	\$0.00
27h	18" Restrained Joint	50	EA	\$0.00	\$0.00
27i	20" Restrained Joint	20	EA	\$0.00	\$0.00
27j	24" Restrained Joint	20	EA	\$0.00	\$0.00
27k	30" Restrained Joint	20	EA	\$0.00	\$0.00
FIRE HYDRANT ASSEMBLY					
28a	Remove and Replace Fire Hydrant Assembly With Valve (5-1/4")	60	EA	\$0.00	\$0.00
28b	Remove and Replace Fire Hydrant Assembly Without Valve (5-1/4")	20	EA	\$0.00	\$0.00
28c	Install New Fire Hydrant Assembly With Valve (5-1/4")	10	EA	\$0.00	\$0.00
28d	Remove Existing Fire Hydrant Only	10	EA	\$0.00	\$0.00
SERVICE CONNECTIONS					
29a	Furnish and Install 5/8" Service Connection (corp to meter including meter box) and 2" PVC Casing	150	EA	\$0.00	\$0.00
29b	Furnish and Install 3/4" Service Connection (corp to meter including meter box) and 2" PVC Casing	500	EA	\$0.00	\$0.00
29c	Furnish and Install 1" Service Connection (corp to meter including meter box) and 2" PVC Casing	500	EA	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
29d	Furnish and Install 1-1/2" Service Connection (including brass ball valve to meter including meter box) and 3" PVC Casing	75	EA	\$0.00	\$0.00
29e	Furnish and Install 2" Service Connection (including brass ball valve to meter including meter box) and 3" PVC Casing	50	EA	\$0.00	\$0.00
OTHER ITEMS					
30a	Bollard	30	EA	\$0.00	\$0.00
30b	ARV Assembly (Inclusive of fittings and enclosure)	10	EA	\$0.00	\$0.00
30c	ARV Only	10	EA	\$0.00	\$0.00
30d	Temporary Blowoff Assembly	10	EA	\$0.00	\$0.00
30e	4" Blowoff Assembly	10	EA	\$0.00	\$0.00
30f	Pipe Exterior Coating	100	SF	\$0.00	\$0.00
WATER MAIN DISINFECTION					
31a	Cleaning and Disinfection of 2" to 6" Potable Water Main	7,000	LF	\$0.00	\$0.00
31b	Cleaning and Disinfection of 8" to 12" Potable Water Main	5,000	LF	\$0.00	\$0.00
31c	Cleaning and Disinfection of 14" to 20" Potable Water Main	5,000	LF	\$0.00	\$0.00
31d	Cleaning and Disinfection of 24" to 36" Potable Water Main	5,000	LF	\$0.00	\$0.00
31e	Cleaning and Disinfection of 2" to 6" Reclaimed Water Main	5,000	LF	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
31f	Cleaning and Disinfection of 8" to 12" Reclaimed Water Main	5,000	LF	\$0.00	\$0.00
31g	Cleaning and Disinfection of 14" to 20" Reclaimed Water Main	2,000	LF	\$0.00	\$0.00
31h	Cleaning and Disinfection of 24" to 36" Reclaimed Water Main	2,000	LF	\$0.00	\$0.00
GRAVITY SANITARY SEWER PIPE REPAIR (Incidental to Water or Reclaimed Water Repair)					
PVC GRAVITY MAIN (Inclusive all Labor, Material, and Associated Restraints)					
32a	6" diameter	500	LF	\$0.00	\$0.00
32b	8" diameter	500	LF	\$0.00	\$0.00
32c	10" diameter	500	LF	\$0.00	\$0.00
32d	12" diameter	500	LF	\$0.00	\$0.00
32e	14" diameter	100	LF	\$0.00	\$0.00
32f	16" diameter	100	LF	\$0.00	\$0.00
32g	18" diameter	100	LF	\$0.00	\$0.00
32h	20" diameter	100	LF	\$0.00	\$0.00
32i	24" diameter	100	LF	\$0.00	\$0.00
WASTEWATER MANHOLE					
33a	Manhole - 4 feet Diameter	200	VF	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
33b	Manhole - 5 feet Diameter	100	VF	\$0.00	\$0.00
33c	Manhole - 6 feet Diameter	100	VF	\$0.00	\$0.00
33d	Adjust Existing Manhole Frame and Cover (paved areas)	10	EA	\$0.00	\$0.00
33e	Adjust Existing Manhole Frame and Cover (unpaved areas)	10	EA	\$0.00	\$0.00
33f	Replace Existing Manhole Frame and Cover (paved areas)	10	EA	\$0.00	\$0.00
33g	Replace Existing Manhole Frame and Cover (unpaved areas)	10	EA	\$0.00	\$0.00
WASTEWATER SERVICE LATERAL					
34a	Install/Repair/Replace 4" Sanitary Sewer Lateral	10	EA	\$0.00	\$0.00
34b	Install/Repair/Replace 6" Sanitary Sewer Lateral	10	EA	\$0.00	\$0.00
TOTAL					\$0.00

OWNER'S CONTINGENCY

10% of the subtotal of lines 1-34b in Group A above.

Line Item	Description	Unit of Measure	Unit Cost
35	GROUP A: Water and RCW Point Repair 10% Contingency	LS	\$0.00

25-0027-UT WATER, RECLAIMED WATER AND WELL REPAIR & IMPROVEMENTS (GROUP B - WATER AND RCW TRENCHLESS PIPE INSTALLATION)

All bid items, unless otherwise specified, shall be inclusive of furnishing all material and labor for the complete installation of the bid item, inclusive of any necessary removal. Installation shall be completed in accordance with the specifications. The quantities provided are estimated per year for bidding purposes and may vary based on the actual work throughout the duration of the contract. The City of Clearwater (City) is not obligated to purchase any minimum or maximum amount during the life of the contract. Unit costs for all bid items shall not be changed in the event of overruns or underruns. All groups do not need to be priced however, all items within a group need to be completed in order to be considered for award of that group.

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
GENERAL - GROUP B: Water and RCW Trenchless Pipe Installation					
*Mobilization shall be per work order as defined by the City. Each work order may include more than one individual project. The unit price for mobilization shall not exceed \$4,000 for non emergency mobilization and \$5,000 for emergency mobilization. Emergency and non emergency mobilization are further defined in Section IV of the Contract Documents.					
1	*Emergency Mobilization/Demobilization & General Conditions and Traffic Control1 (max \$5,000)	25	EA	\$0.00	\$0.00
2	Non-Emergency Mobilization/Demobilization & General Conditions and Traffic Control1 (max \$4,000)	50	EA	\$0.00	\$0.00
MAINTENANCE OF TRAFFIC					
Bid Items 3a to 3i shall be fully inclusive of furnishing and installation all items to provide a complete maintenance of traffic installation including but not limited to signage, barricades, channelizing devices, flaggers, etc. Bid Items 3j-3r shall only be allowed where not included as part of a complete MOT bid item.					
3a	FDOT Index 601 - Work Beyond the Shoulder	180	EA/DAY	\$0.00	\$0.00
3b	FDOT Index 602 - Work on Shoulder	180	EA/DAY	\$0.00	\$0.00
3c	FDOT Index 603 - Two Lane Two Way Work within Travel way	60	EA/DAY	\$0.00	\$0.00
3d	FDOT Index 604 - Two Lane Two Way - Intersection Work	60	EA/DAY	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
3e	FDOT Index 613 - Multilane Roadway - Lane Closures	60	EA/DAY	\$0.00	\$0.00
3f	FDOT Index 615 - Multilane Roadway - Intersection Work	60	EA/DAY	\$0.00	\$0.00
3g	FDOT Index 620 - Multilane Roadway - Temporary Diversion	60	EA/DAY	\$0.00	\$0.00
3h	FDOT Index 625 - Temporary Road Closure	60	EA/DAY	\$0.00	\$0.00
3i	FDOT Index 628 - Two Way Left Turn Lanes	60	EA/DAY	\$0.00	\$0.00
3j	Flagman	200	HOUR	\$0.00	\$0.00
3k	Arrow Board - 5' Minimum Horizontal Size	30	EA/DAY	\$0.00	\$0.00
3l	Variable Message Board	30	EA/DAY	\$0.00	\$0.00
3m	Concrete Barrier (FDOT Index No. 415)	60	EA/DAY	\$0.00	\$0.00
3n	Low Profile Barrier (FDOT Index No. 412)	60	EA/DAY	\$0.00	\$0.00
3o	Sign in Work Zone	100	EA/DAY	\$0.00	\$0.00
3p	FDOT Cone	100	EA/DAY	\$0.00	\$0.00
3q	FDOT Channelizing Drum	100	EA/DAY	\$0.00	\$0.00
3r	Barricade, Type III with Warning Light	100	EA/DAY	\$0.00	\$0.00
3s	Barricade, Type I or II with Warning Light	100	EA/DAY	\$0.00	\$0.00
LABOR AND EQUIPMENT					

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
Bid Items 4a-l and 5a-v shall only be used at the approval of the City where other bid items are not fully inclusive or where applicable at discretion of the City.					
LABOR HOUR					
4a	Foreman regular time	1,500	HOUR	\$0.00	\$0.00
4b	Foreman overtime	200	HOUR	\$0.00	\$0.00
4c	Operator regular time	2,000	HOUR	\$0.00	\$0.00
4d	Operator overtime	200	HOUR	\$0.00	\$0.00
4e	Truck Driver regular time	1,000	HOUR	\$0.00	\$0.00
4f	Truck Driver overtime	50	HOUR	\$0.00	\$0.00
4g	Pipe Layer regular time	2,000	HOUR	\$0.00	\$0.00
4h	Pipe Layer overtime	200	HOUR	\$0.00	\$0.00
4i	Laborer regular time	2,000	HOUR	\$0.00	\$0.00
4j	Laborer overtime	2,000	HOUR	\$0.00	\$0.00
4k	Preconstruction Video	30	DAY	\$0.00	\$0.00
4l	Asbuilt Survey	80	DAY	\$0.00	\$0.00
EQUIPMENT					
5a	Foreman's pickup truck with hand tools	1,500	HOUR	\$0.00	\$0.00

[APPLIED DRILLING ENGINEERING, INC.] RESPONSE DOCUMENT REPORT
ITB No. 25-0027-UT
25-0027-UT Water, Reclaimed Water and Well Repair & Improvements

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
5b	Job truck with tools	1,500	HOUR	\$0.00	\$0.00
5c	Tractor & Trailer (Transport)	200	HOUR	\$0.00	\$0.00
5d	Track Hoe (to 100 HP)	1,100	HOUR	\$0.00	\$0.00
5e	Track Hoe (101 HP to 170 HP)	500	HOUR	\$0.00	\$0.00
5f	Track Hoe (171 HP and up)	750	HOUR	\$0.00	\$0.00
5g	Rubber Tired Backhoe	25	HOUR	\$0.00	\$0.00
5h	Wheel Loader (to 150 HP)	2,000	HOUR	\$0.00	\$0.00
5i	Wheel Loader (151 HP and up)	250	HOUR	\$0.00	\$0.00
5j	Track Type Tractors (to 100 HP)	150	HOUR	\$0.00	\$0.00
5k	Track Type Tractors (101 HP and up)	25	HOUR	\$0.00	\$0.00
5l	Dump Truck (Tandem Axle)	750	HOUR	\$0.00	\$0.00
5m	Plate Tamp	250	HOUR	\$0.00	\$0.00
5n	3" Trash Pump	250	HOUR	\$0.00	\$0.00
5o	4" Double Diaphragm Pump	2,000	HOUR	\$0.00	\$0.00
5p	Air Compressor (125 CFM min.)	100	HOUR	\$0.00	\$0.00
5q	4" Jet Pump	25	DAY	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
5r	Emergency Hauling up to 2500 gallons	25	HOUR	\$0.00	\$0.00
5s	Emergency Hauling over 2500 gallons	25	HOUR	\$0.00	\$0.00
5t	Street Sweeper	200	HOUR	\$0.00	\$0.00
5u	Mobile Light Tower	40	DAY	\$0.00	\$0.00
5v	Vactor Truck	250	HOUR	\$0.00	\$0.00
LANDSCAPING/RESTORATION					
6a	Sodding	75,000	SF	\$0.00	\$0.00
6b	Brush Removal	40	TON	\$0.00	\$0.00
6c	Tree Protection	15	EA	\$0.00	\$0.00
6d	Tree Removal (<6" Trunk Diameter)	5	EA	\$0.00	\$0.00
6e	Tree Removal (6"-12" Trunk Diameter)	3	EA	\$0.00	\$0.00
6f	Tree Removal (13"-18" Trunk Diameter)	3	EA	\$0.00	\$0.00
6g	Tree Removal (>18" Trunk Diameter)	3	EA	\$0.00	\$0.00
MATERIALS					
7a	Remove and Replace Concrete Sidewalk, (4" Min Thickness)	500	SF	\$0.00	\$0.00
7b	Remove and Replace Concrete Sidewalk, (6" Min Thickness)	500	SF	\$0.00	\$0.00

[APPLIED DRILLING ENGINEERING, INC.] RESPONSE DOCUMENT REPORT
ITB No. 25-0027-UT
25-0027-UT Water, Reclaimed Water and Well Repair & Improvements

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
7c	Remove and Replace Concrete Driveway	250	SY	\$0.00	\$0.00
7d	Full Width Milling (Up to 2")	7,500	SY	\$0.00	\$0.00
7e	Full Width Milling (2" to 4")	7,500	SY	\$0.00	\$0.00
7f	SP 12.5 Asphalt Concrete Resurfacing	500	TON	\$0.00	\$0.00
7g	SP 9.5 Asphalt Concrete Resurfacing	500	TON	\$0.00	\$0.00
7h	Pavement Marking - Crosswalks (Lane)	500	LF	\$0.00	\$0.00
7i	Pavement Marking - Stop Bars (Lane)	250	EA	\$0.00	\$0.00
7j	Pavement Marking - School Crossing/RR	50	EA	\$0.00	\$0.00
7k	Pavement Marking - Turn, Straight, Combo Arrows	50	EA	\$0.00	\$0.00
7l	Pavement Marking - Dashed (White, Yellow, or Double Yellow)	500	LF	\$0.00	\$0.00
7m	Pavement Marking - Solid White	250	LF	\$0.00	\$0.00
7n	Pavement Marking - Solid Double Yellow	250	LF	\$0.00	\$0.00
7o	Pavement Marking - Solid Yellow	250	LF	\$0.00	\$0.00
7p	Temporary Pavement Marking - Turn, Straight, Combo Arrows	250	EA	\$0.00	\$0.00
7q	Temporary Pavement Marking - Dashed (White, Yellow, or Double Yellow)	250	LF	\$0.00	\$0.00
7r	Temporary Pavement Marking - Solid White	250	LF	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
7s	Temporary Pavement Marking - Solid Double Yellow	250	LF	\$0.00	\$0.00
7t	Temporary Pavement Marking - Solid Yellow	250	LF	\$0.00	\$0.00
7u	Remove and replace concrete curb and gutter (FDOT Type A)	750	LF	\$0.00	\$0.00
7v	Remove and replace concrete curb and gutter (FDOT Type E)	750	LF	\$0.00	\$0.00
7w	Remove and replace concrete curb and gutter (FDOT Type F)	750	LF	\$0.00	\$0.00
7x	3000 psi Concrete	100	CY	\$0.00	\$0.00
7y	Off Site Selected Fill	1,500	CY	\$0.00	\$0.00
7z	Limerock Base Material	750	TON	\$0.00	\$0.00
7aa	Crushed Concrete Base Material	750	TON	\$0.00	\$0.00
7ab	Stabilized Subgrade	750	TON	\$0.00	\$0.00
7ac	# 57 Washed Stone	750	TON	\$0.00	\$0.00
7ad	Removal of unsuitable soil	300	TON	\$0.00	\$0.00
7ae	Removal of buried concrete	50	CY	\$0.00	\$0.00
7af	Removal of Hazardous	50	CY	\$0.00	\$0.00
7ag	Rip Rap	300	TON	\$0.00	\$0.00
7ah	Flowable Fill	100	CY	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
7ai	Brick Pavers	100	SY	\$0.00	\$0.00
7aj	Brick Paver Level Sand	10	CY	\$0.00	\$0.00
7ak	Geo Grid	80	SY	\$0.00	\$0.00
7al	Shoring (4' to 6' deep)	12	EA	\$0.00	\$0.00
7am	Shoring (6' to 10' deep)	12	EA	\$0.00	\$0.00
7an	Steel Road Plates	12	EA	\$0.00	\$0.00
WELL POINT DEWATERING					
8a	Well Point Dewatering	2,000	LF/DAY	\$0.00	\$0.00
GROUT FILL AND ABANDON MAIN					
9a	2"-6"	7,500	LF	\$0.00	\$0.00
9b	8"-12"	7,500	LF	\$0.00	\$0.00
9c	16"-24"	5,000	LF	\$0.00	\$0.00
9d	>30"	5,000	LF	\$0.00	\$0.00
REMOVE ABANDONED MAIN					
10a	2"-6"	5,000	LF	\$0.00	\$0.00
10b	8"-12"	5,000	LF	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
10c	16"-24"	2,000	LF	\$0.00	\$0.00
10d	>30"	500	LF	\$0.00	\$0.00
PRESSURE MAIN - TRENCHLESS INSTALLATION					
TEMPORARY WATER SERVICE					
11a	2" Temporary HDPE Water Main (Including Tap Connections to Existing Main and Temporary Services)	20,000	LF	\$0.00	\$0.00
11b	4" Temporary HDPE Water Main (Including Tap Connections to Existing Main and Temporary Services)	15,000	LF	\$0.00	\$0.00
11c	6" Temporary HDPE Water Main (Including Tap Connections to Existing Main and Temporary Services)	5,000	LF	\$0.00	\$0.00
DIRECTIONAL DRILL (Inclusive of Fusing, MJ Adapters, Fused Fittings, etc)					
12a	Furnish and Install 4" HDPE by directional drill, DR 11 with Transitional Ends with MJ Adapters	4,000	LF	\$0.00	\$0.00
12b	Furnish and Install 6" HDPE by directional drill, DR 11 with Transitional Ends with MJ Adapters	4,000	LF	\$0.00	\$0.00
12c	Furnish and Install 8" HDPE by directional drill, DR 11 with Transitional Ends with MJ Adapters	4,000	LF	\$0.00	\$0.00
12d	Furnish and Install 10" HDPE by directional drill, DR 11 with Transitional Ends with MJ Adapters	2,000	LF	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
12e	Furnish and Install 12" HDPE by directional drill, DR 11 with Transitional Ends with MJ Adapters	4,000	LF	\$0.00	\$0.00
12f	Furnish and Install 16" HDPE by directional drill, DR 11 with Transitional Ends with MJ Adapters	2,000	LF	\$0.00	\$0.00
12g	Furnish and Install 20" HDPE by directional drill, DR 11 with Transitional Ends with MJ Adapters	1,000	LF	\$0.00	\$0.00
12h	Furnish and Install 24" HDPE by directional drill, DR 11 with Transitional Ends with MJ Adapters	1,000	LF	\$0.00	\$0.00
12i	Furnish and Install 30" HDPE by directional drill, DR 11 with Transitional Ends with MJ Adapters	1,000	LF	\$0.00	\$0.00
12j	Furnish and Install 36" HDPE by directional drill, DR 11 with Transitional Ends with MJ Adapters	1,000	LF	\$0.00	\$0.00
12k	Furnish and Install 4" Restrained PVC by directional drill, DR 18 with Transitional Ends	4,000	LF	\$0.00	\$0.00
12l	Furnish and Install 6" Restrained PVC by directional drill, DR 18 with Transitional Ends	4,000	LF	\$0.00	\$0.00
12m	Furnish and Install 8" Restrained PVC by directional drill, DR 18 with Transitional Ends	4,000	LF	\$0.00	\$0.00
12n	Furnish and Install 10" Restrained PVC by directional drill, DR 18 with Transitional Ends	2,000	LF	\$0.00	\$0.00
12o	Furnish and Install 12" Restrained PVC by directional drill, DR 18 with Transitional Ends	4,000	LF	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
12p	Furnish and Install 16" Restrained PVC by directional drill, DR 18 with Transitional Ends	2,000	LF	\$0.00	\$0.00
12q	Furnish and Install 20" Restrained PVC by directional drill, DR 18 with Transitional Ends	1,000	LF	\$0.00	\$0.00
12r	Furnish and Install 24" Restrained PVC by directional drill, DR 18 with Transitional Ends	1,000	LF	\$0.00	\$0.00
12s	Furnish and Install 30" Restrained PVC by directional drill, DR 18 with Transitional Ends	1,000	LF	\$0.00	\$0.00
12t	Furnish and Install 36" Restrained PVC by directional drill, DR 18 with Transitional Ends	1,000	LF	\$0.00	\$0.00
PIPE BURSTING					
13a	Furnish and Install 4" HDPE Perchlorinated Pipe Bursting, DR 11	5,000	LF	\$0.00	\$0.00
13b	Furnish and Install 6" HDPE Perchlorinated Pipe Bursting, DR 11	5,000	LF	\$0.00	\$0.00
13c	Furnish and Install 8" HDPE Perchlorinated Pipe Bursting, DR 11	5,000	LF	\$0.00	\$0.00
13d	Furnish and Install 10" HDPE Perchlorinated Pipe Bursting, DR 11	500	LF	\$0.00	\$0.00
13e	Furnish and Install 12" HDPE Perchlorinated Pipe Bursting, DR 11	2,500	LF	\$0.00	\$0.00
13f	Furnish and Install 16" HDPE Perchlorinated Pipe Bursting, DR 11	1,000	LF	\$0.00	\$0.00
13g	Furnish and Install 20" HDPE Perchlorinated Pipe Bursting, DR 11	1,000	LF	\$0.00	\$0.00
13h	Furnish and Install 24" HDPE Perchlorinated Pipe Bursting, DR 11	500	LF	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
13i	Furnish and Install 30" HDPE Perchlorinated Pipe Bursting, DR 11	500	LF	\$0.00	\$0.00
SLIPLINE HDPE THROUGH EXISTING MAIN (Inclusive all Labor, Material, and Associated Restraints)					
14a	Furnish and Install 4" HDPE by slipline, DR 11 with Transitional Ends with MJ Adapters	1,000	LF	\$0.00	\$0.00
14b	Furnish and Install 6" HDPE by slipline, DR 11 with Transitional Ends with MJ Adapters	1,000	LF	\$0.00	\$0.00
14c	Furnish and Install 8" HDPE by slipline, DR 11 with Transitional Ends with MJ Adapters	1,000	LF	\$0.00	\$0.00
14d	Furnish and Install 10" HDPE by slipline, DR 11 with Transitional Ends with MJ Adapters	1,000	LF	\$0.00	\$0.00
14e	Furnish and Install 12" HDPE by slipline, DR 11 with Transitional Ends with MJ Adapters	1,000	LF	\$0.00	\$0.00
14f	Furnish and Install 16" HDPE by slipline, DR 11 with Transitional Ends with MJ Adapters	1,000	LF	\$0.00	\$0.00
14g	Furnish and Install 20" HDPE by slipline, DR 11 with Transitional Ends with MJ Adapters	1,000	LF	\$0.00	\$0.00
14h	Furnish and Install 24" HDPE by slipline, DR 11 with Transitional Ends with MJ Adapters	500	LF	\$0.00	\$0.00
14i	Furnish and Install 30" HDPE by slipline, DR 11 with Transitional Ends with MJ Adapters	500	LF	\$0.00	\$0.00
JACK AND BORE					

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
15a	Furnish and Install 4" PVC or DI Pipe in 16" OD Steel Casing Pipe by Jack and Bore per city standard detail	500	LF	\$0.00	\$0.00
15b	Furnish and Install 6" PVC or DI Pipe in 16" OD Steel Casing Pipe by Jack and Bore per city standard detail	500	LF	\$0.00	\$0.00
15c	Furnish and Install 8" PVC or DI Pipe in 18" OD Steel Casing Pipe by Jack and Bore per city standard detail	500	LF	\$0.00	\$0.00
15d	Furnish and Install 12" PVC or DI Pipe in 24" OD Steel Casing Pipe by Jack and Bore per city standard detail	750	LF	\$0.00	\$0.00
15e	Furnish and Install 16" PVC or DI Pipe in 30" OD Steel Casing Pipe by Jack and Bore per city standard detail	750	LF	\$0.00	\$0.00
15f	Furnish and Install 20" PVC or DI Pipe in 36" OD Steel Casing Pipe by Jack and Bore per city standard detail	750	LF	\$0.00	\$0.00
15g	Furnish and Install 24" PVC or DI Pipe in 42" OD Steel Casing Pipe by Jack and Bore per city standard detail	500	LF	\$0.00	\$0.00
15h	Furnish and Install 30" PVC or DI Pipe in 48" OD Steel Casing Pipe by Jack and Bore per city standard detail	300	LF	\$0.00	\$0.00
15i	Furnish and Install 36" PVC or DI Pipe in 54" OD Steel Casing Pipe by Jack and Bore per city standard detail	150	LF	\$0.00	\$0.00
15j	Furnish and Install 42" PVC or DI Pipe in 60" OD Steel Casing Pipe by Jack and Bore per city standard detail	150	LF	\$0.00	\$0.00
PRESSURE PIPE (Open Cut)					

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
PVC (Inclusive all Labor, Material, and Associated Restraints)					
16a	4" diameter (0' to 5')	500	LF	\$0.00	\$0.00
16b	4" diameter (5.1' to 10')	100	LF	\$0.00	\$0.00
16c	4" diameter (10.1' to 15')	100	LF	\$0.00	\$0.00
16d	4" diameter (15.1' to 20')	50	LF	\$0.00	\$0.00
16e	6" diameter (0' to 5')	500	LF	\$0.00	\$0.00
16f	6" diameter (5.1' to 10')	100	LF	\$0.00	\$0.00
16g	6" diameter (10.1' to 15')	100	LF	\$0.00	\$0.00
16h	6" diameter (15.1' to 20')	50	LF	\$0.00	\$0.00
16i	8" diameter (0' to 5')	500	LF	\$0.00	\$0.00
16j	8" diameter (5.1' to 10')	100	LF	\$0.00	\$0.00
16k	8" diameter (10.1' to 15')	100	LF	\$0.00	\$0.00
16l	8" diameter (15.1' to 20')	50	LF	\$0.00	\$0.00
16m	10" diameter (0' to 5')	200	LF	\$0.00	\$0.00
16n	10" diameter (5.1' to 10')	200	LF	\$0.00	\$0.00
16o	10" diameter (10.1' to 15')	50	LF	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
16p	10" diameter (15.1' to 20')	30	LF	\$0.00	\$0.00
DUCTILE IRON (Inclusive all Labor, Material, and Associated Restraints)					
17a	4" diameter (0' to 5')	500	LF	\$0.00	\$0.00
17b	4" diameter (5.1' to 10')	200	LF	\$0.00	\$0.00
17c	4" diameter (10.1' to 15')	100	LF	\$0.00	\$0.00
17d	4" diameter (15.1' to 20')	50	LF	\$0.00	\$0.00
17e	6" diameter (0' to 5')	500	LF	\$0.00	\$0.00
17f	6" diameter (5.1' to 10')	200	LF	\$0.00	\$0.00
17g	6" diameter (10.1' to 15')	100	LF	\$0.00	\$0.00
17h	6" diameter (15.1' to 20')	50	LF	\$0.00	\$0.00
17i	8" diameter (0' to 5')	500	LF	\$0.00	\$0.00
17j	8" diameter (5.1' to 10')	200	LF	\$0.00	\$0.00
17k	8" diameter (10.1' to 15')	100	LF	\$0.00	\$0.00
17l	8" diameter (15.1' to 20')	50	LF	\$0.00	\$0.00
17m	10" diameter (0' to 5')	500	LF	\$0.00	\$0.00
17n	10" diameter (5.1' to 10')	200	LF	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
17o	10" diameter (10.1' to 15')	100	LF	\$0.00	\$0.00
17p	10" diameter (15.1' to 20')	50	LF	\$0.00	\$0.00
17q	12" diameter (0' to 5')	500	LF	\$0.00	\$0.00
17r	12" diameter (5.1' to 10')	200	LF	\$0.00	\$0.00
17s	12" diameter (10.1' to 15')	100	LF	\$0.00	\$0.00
17t	12" diameter (15.1' to 20')	50	LF	\$0.00	\$0.00
17u	14" diameter (0' to 5')	100	LF	\$0.00	\$0.00
17v	14" diameter (5.1' to 10')	50	LF	\$0.00	\$0.00
17w	14" diameter (10.1' to 15')	20	LF	\$0.00	\$0.00
17x	14" diameter (15.1' to 20')	20	LF	\$0.00	\$0.00
17y	16" diameter (0' to 5')	500	LF	\$0.00	\$0.00
17z	16" diameter (5.1' to 10')	200	LF	\$0.00	\$0.00
17aa	16" diameter (10.1' to 15')	50	LF	\$0.00	\$0.00
17ab	16" diameter (15.1' to 20')	30	LF	\$0.00	\$0.00
17ac	18" diameter (0' to 5')	50	LF	\$0.00	\$0.00
17ad	18" diameter (5.1' to 10')	50	LF	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
17ae	18" diameter (10.1' to 15')	20	LF	\$0.00	\$0.00
17af	18" diameter (15.1' to 20')	20	LF	\$0.00	\$0.00
17ag	20" diameter (0' to 5')	500	LF	\$0.00	\$0.00
17ah	20" diameter (5.1' to 10')	200	LF	\$0.00	\$0.00
17ai	20" diameter (10.1' to 15')	50	LF	\$0.00	\$0.00
17aj	20" diameter (15.1' to 20')	30	LF	\$0.00	\$0.00
17ak	24" diameter (0' to 5')	500	LF	\$0.00	\$0.00
17al	24" diameter (5.1' to 10')	200	LF	\$0.00	\$0.00
17am	24" diameter (10.1' to 15')	50	LF	\$0.00	\$0.00
17an	24" diameter (15.1' to 20')	30	LF	\$0.00	\$0.00
17ao	30" diameter (0' to 5')	100	LF	\$0.00	\$0.00
17ap	30" diameter (5.1' to 10')	50	LF	\$0.00	\$0.00
17aq	30" diameter (10.1' to 15')	20	LF	\$0.00	\$0.00
17ar	30" diameter (15.1' to 20')	20	LF	\$0.00	\$0.00
17as	36" diameter (0' to 5')	100	LF	\$0.00	\$0.00
17at	36" diameter (5.1' to 10')	50	LF	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
17au	36" diameter (10.1' to 15')	20	LF	\$0.00	\$0.00
17av	36" diameter (15.1' to 20')	20	LF	\$0.00	\$0.00
HDPE (Inclusive all Labor, Material, and Associated Restraints)					
18a	4" diameter (0' to 5')	500	LF	\$0.00	\$0.00
18b	4" diameter (5.1' to 10')	200	LF	\$0.00	\$0.00
18c	4" diameter (10.1' to 15')	100	LF	\$0.00	\$0.00
18d	4" diameter (15.1' to 20')	50	LF	\$0.00	\$0.00
18e	6" diameter (0' to 5')	500	LF	\$0.00	\$0.00
18f	6" diameter (5.1' to 10')	200	LF	\$0.00	\$0.00
18g	6" diameter (10.1' to 15')	100	LF	\$0.00	\$0.00
18h	6" diameter (15.1' to 20')	50	LF	\$0.00	\$0.00
18i	8" diameter (0' to 5')	500	LF	\$0.00	\$0.00
18j	8" diameter (5.1' to 10')	200	LF	\$0.00	\$0.00
18k	8" diameter (10.1' to 15')	100	LF	\$0.00	\$0.00
18l	8" diameter (15.1' to 20')	50	LF	\$0.00	\$0.00
18m	10" diameter (0' to 5')	200	LF	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
18n	10" diameter (5.1' to 10')	200	LF	\$0.00	\$0.00
18o	10" diameter (10.1' to 15')	50	LF	\$0.00	\$0.00
18p	10" diameter (15.1' to 20')	30	LF	\$0.00	\$0.00
18q	12" diameter (0' to 5')	500	LF	\$0.00	\$0.00
18r	12" diameter (5.1' to 10')	200	LF	\$0.00	\$0.00
18s	12" diameter (10.1' to 15')	100	LF	\$0.00	\$0.00
18t	12" diameter (15.1' to 20')	50	LF	\$0.00	\$0.00
18u	16" diameter (0' to 5')	500	LF	\$0.00	\$0.00
18v	16" diameter (5.1' to 10')	200	LF	\$0.00	\$0.00
18w	16" diameter (10.1' to 15')	100	LF	\$0.00	\$0.00
18x	16" diameter (15.1' to 20')	50	LF	\$0.00	\$0.00
18y	18" diameter (0' to 5')	500	LF	\$0.00	\$0.00
18z	18" diameter (5.1' to 10')	200	LF	\$0.00	\$0.00
18aa	18" diameter (10.1' to 15')	100	LF	\$0.00	\$0.00
18ab	18" diameter (15.1' to 20')	50	LF	\$0.00	\$0.00
18ac	20" diameter (0' to 5')	500	LF	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
18ad	20" diameter (5.1' to 10')	200	LF	\$0.00	\$0.00
18ae	20" diameter (10.1' to 15')	100	LF	\$0.00	\$0.00
18af	20" diameter (15.1' to 20')	50	LF	\$0.00	\$0.00
18ag	24" diameter (0' to 5')	500	LF	\$0.00	\$0.00
18ah	24" diameter (5.1' to 10')	200	LF	\$0.00	\$0.00
18ai	24" diameter (10.1' to 15')	100	LF	\$0.00	\$0.00
18aj	24" diameter (15.1' to 20')	50	LF	\$0.00	\$0.00
18ak	30" diameter (0' to 5')	500	LF	\$0.00	\$0.00
18al	30" diameter (5.1' to 10')	200	LF	\$0.00	\$0.00
18am	30" diameter (10.1' to 15')	100	LF	\$0.00	\$0.00
18an	30" diameter (15.1' to 20')	50	LF	\$0.00	\$0.00
18ao	36" diameter (0' to 5')	500	LF	\$0.00	\$0.00
18ap	36" diameter (5.1' to 10')	200	LF	\$0.00	\$0.00
18aq	36" diameter (10.1' to 15')	100	LF	\$0.00	\$0.00
18ar	36" diameter (15.1' to 20')	50	LF	\$0.00	\$0.00
DUCTILE IRON FITTINGS (Tees, Crosses, 90, 45, 22.5, 11.25, Sleeve, and inclusive all necessary restraints)					

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
19a	4" diameter	2	TON	\$0.00	\$0.00
19b	6" diameter	2	TON	\$0.00	\$0.00
19c	8" diameter	2	TON	\$0.00	\$0.00
19d	10" diameter	2	TON	\$0.00	\$0.00
19e	12" diameter	2	TON	\$0.00	\$0.00
19f	14" diameter	2	TON	\$0.00	\$0.00
19g	16" diameter	2	TON	\$0.00	\$0.00
19h	18" diameter	2	TON	\$0.00	\$0.00
19i	20" diameter	2	TON	\$0.00	\$0.00
19j	24" diameter	2	TON	\$0.00	\$0.00
19k	30" diameter	2	TON	\$0.00	\$0.00
19l	36" diameter	2	TON	\$0.00	\$0.00
APPURTENANCES					
GATE VALVES WITH 3-PIECE VALVE BOX					
20a	4"	50	EA	\$0.00	\$0.00
20b	6"	50	EA	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
20c	8"	50	EA	\$0.00	\$0.00
20d	10"	10	EA	\$0.00	\$0.00
20e	12"	30	EA	\$0.00	\$0.00
20f	14"	10	EA	\$0.00	\$0.00
20g	16"	10	EA	\$0.00	\$0.00
20h	18"	10	EA	\$0.00	\$0.00
20i	20"	5	EA	\$0.00	\$0.00
20j	24"	5	EA	\$0.00	\$0.00
20k	30"	5	EA	\$0.00	\$0.00
20l	36"	5	EA	\$0.00	\$0.00
BUTTERFLY VALVES WITH VALVE BOX					
21a	12"	5	EA	\$0.00	\$0.00
21b	16"	5	EA	\$0.00	\$0.00
21c	18"	5	EA	\$0.00	\$0.00
21d	20"	5	EA	\$0.00	\$0.00
21e	24"	5	EA	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
21f	30"	5	EA	\$0.00	\$0.00
SERVICE SADDLES REPLACEMENT					
22a	3/4"	300	EA	\$0.00	\$0.00
22b	1"	300	EA	\$0.00	\$0.00
22c	1.5"	300	EA	\$0.00	\$0.00
22d	2"	100	EA	\$0.00	\$0.00
22e	4"	10	EA	\$0.00	\$0.00
22f	6"	10	EA	\$0.00	\$0.00
22g	8"	10	EA	\$0.00	\$0.00
22h	10"	10	EA	\$0.00	\$0.00
22i	12"	10	EA	\$0.00	\$0.00
22j	14"	10	EA	\$0.00	\$0.00
22k	16"	10	EA	\$0.00	\$0.00
22l	18"	10	EA	\$0.00	\$0.00
22m	20"	10	EA	\$0.00	\$0.00
TAPPING SLEEVES AND TAPPING VALVES					

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
23a	4"	25	EA	\$0.00	\$0.00
23b	6"	25	EA	\$0.00	\$0.00
23c	8"	25	EA	\$0.00	\$0.00
23d	10"	10	EA	\$0.00	\$0.00
23e	12"	10	EA	\$0.00	\$0.00
23f	14"	3	EA	\$0.00	\$0.00
23g	16"	3	EA	\$0.00	\$0.00
23h	18"	3	EA	\$0.00	\$0.00
23i	20"	3	EA	\$0.00	\$0.00
23j	24"	3	EA	\$0.00	\$0.00
23k	30"	3	EA	\$0.00	\$0.00
23l	36"	3	EA	\$0.00	\$0.00
INSERT VALVES					
24a	4"	40	EA	\$0.00	\$0.00
24b	6"	40	EA	\$0.00	\$0.00
24c	8"	20	EA	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
24d	10"	10	EA	\$0.00	\$0.00
24e	12"	20	EA	\$0.00	\$0.00
LINE STOPS					
25a	4"	10	EA	\$0.00	\$0.00
25b	6"	10	EA	\$0.00	\$0.00
25c	8"	10	EA	\$0.00	\$0.00
25d	10"	10	EA	\$0.00	\$0.00
25e	12"	15	EA	\$0.00	\$0.00
25f	14"	15	EA	\$0.00	\$0.00
25g	16"	15	EA	\$0.00	\$0.00
25h	18"	15	EA	\$0.00	\$0.00
25i	20"	15	EA	\$0.00	\$0.00
25j	24"	10	EA	\$0.00	\$0.00
25k	30"	3	EA	\$0.00	\$0.00
25l	36"	3	EA	\$0.00	\$0.00
REPAIR CLAMP					

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
26a	2"	15	EA	\$0.00	\$0.00
26b	4"	15	EA	\$0.00	\$0.00
26c	6"	15	EA	\$0.00	\$0.00
26d	8"	15	EA	\$0.00	\$0.00
26e	10"	15	EA	\$0.00	\$0.00
26f	12"	15	EA	\$0.00	\$0.00
26g	14"	5	EA	\$0.00	\$0.00
26h	16"	5	EA	\$0.00	\$0.00
26i	18"	5	EA	\$0.00	\$0.00
26j	20"	5	EA	\$0.00	\$0.00
26k	24"	5	EA	\$0.00	\$0.00
26l	30"	5	EA	\$0.00	\$0.00
26m	36"	5	EA	\$0.00	\$0.00
RESTRAINED JOINT FOR EXISTING MAIN					
27a	2" Restrained Joint	50	EA	\$0.00	\$0.00
27b	4" Restrained Joint	100	EA	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
27c	6" Restrained Joint	100	EA	\$0.00	\$0.00
27d	8" Restrained Joint	100	EA	\$0.00	\$0.00
27e	10" Restrained Joint	100	EA	\$0.00	\$0.00
27f	12" Restrained Joint	100	EA	\$0.00	\$0.00
27g	16" Restrained Joint	50	EA	\$0.00	\$0.00
27h	18" Restrained Joint	50	EA	\$0.00	\$0.00
27i	20" Restrained Joint	20	EA	\$0.00	\$0.00
27j	24" Restrained Joint	20	EA	\$0.00	\$0.00
27k	30" Restrained Joint	20	EA	\$0.00	\$0.00
FIRE HYDRANT ASSEMBLY					
28a	Remove and Replace Fire Hydrant Assembly With Valve (5-1/4")	40	EA	\$0.00	\$0.00
28b	Remove and Replace Fire Hydrant Assembly Without Valve (5-1/4")	10	EA	\$0.00	\$0.00
28c	Install New Fire Hydrant Assembly With Valve (5-1/4")	10	EA	\$0.00	\$0.00
28d	Remove Existing Fire Hydrant	5	EA	\$0.00	\$0.00
SERVICE CONNECTIONS					
29a	Furnish and Install 5/8" Service Connection (corp to meter including meter box) and 2" PVC Casing	150	EA	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
29b	Furnish and Install 3/4" Service Connection (corp to meter including meter box) and 2" PVC Casing	500	EA	\$0.00	\$0.00
29c	Furnish and Install 1" Service Connection (corp to meter including meter box) and 2" PVC Casing	500	EA	\$0.00	\$0.00
29d	Furnish and Install 1-1/2" Service Connection (including brass ball valve to meter box) and 3" PVC Casing	75	EA	\$0.00	\$0.00
29e	Furnish and Install 2" Service Connection (including brass ball valve to meter box) and 3" PVC Casing	50	EA	\$0.00	\$0.00
OTHER ITEMS					
30a	Bollard	30	EA	\$0.00	\$0.00
30b	Aboveground ARV Assembly (Inclusive of fittings and enclosure)	10	EA	\$0.00	\$0.00
30c	ARV Only Assembly (Inclusive of fittings)	10	EA	\$0.00	\$0.00
30d	Temporary Blowoff Assembly	10	EA	\$0.00	\$0.00
30e	4" Blowoff Assembly	10	EA	\$0.00	\$0.00
30f	Pipe Exterior Coating	100	SF	\$0.00	\$0.00
WATER MAIN DISINFECTION					
31a	Cleaning and Disinfection of 2" to 6" Potable Water Main	7,000	LF	\$0.00	\$0.00
31b	Cleaning and Disinfection of 8" to 12" Potable Water Main	5,000	LF	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
31c	Cleaning and Disinfection of 14" to 20" Potable Water Main	5,000	LF	\$0.00	\$0.00
31d	Cleaning and Disinfection of 24" to 36" Potable Water Main	5,000	LF	\$0.00	\$0.00
31e	Cleaning and Disinfection of 2" to 6" Reclaimed Water Main	5,000	LF	\$0.00	\$0.00
31f	Cleaning and Disinfection of 8" to 12" Reclaimed Water Main	5,000	LF	\$0.00	\$0.00
31g	Cleaning and Disinfection of 14" to 20" Reclaimed Water Main	2,000	LF	\$0.00	\$0.00
31h	Cleaning and Disinfection of 24" to 36" Reclaimed Water Main	2,000	LF	\$0.00	\$0.00
GRAVITY SANITARY SEWER PIPE REPAIR (Incidental to Water or Reclaimed Water Trenchless)					
PVC GRAVITY MAIN (Inclusive all Labor, Material, and Associated Restraints)					
32a	6" diameter	500	LF	\$0.00	\$0.00
32b	8" diameter	500	LF	\$0.00	\$0.00
32c	10" diameter	500	LF	\$0.00	\$0.00
32d	12" diameter	500	LF	\$0.00	\$0.00
32e	14" diameter	100	LF	\$0.00	\$0.00
32f	16" diameter	100	LF	\$0.00	\$0.00
32g	18" diameter	100	LF	\$0.00	\$0.00
32h	20" diameter	100	LF	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
32i	24" diameter	100	LF	\$0.00	\$0.00
WASTEWATER MANHOLE					
33a	Manhole - 4 feet Diameter	100	VF	\$0.00	\$0.00
33b	Manhole - 5 feet Diameter	50	VF	\$0.00	\$0.00
33c	Manhole - 6 feet Diameter	50	VF	\$0.00	\$0.00
33d	Adjust Existing Manhole Frame and Cover (paved areas)	10	EA	\$0.00	\$0.00
33e	Adjust Existing Manhole Frame and Cover (unpaved areas)	10	EA	\$0.00	\$0.00
33f	Replace Existing Manhole Frame and Cover (paved areas)	10	EA	\$0.00	\$0.00
33g	Replace Existing Manhole Frame and Cover (unpaved areas)	10	EA	\$0.00	\$0.00
WASTEWATER SERVICE LATERAL					
34a	Install/Repair/Replace 4" Sanitary Sewer Lateral	10	EA	\$0.00	\$0.00
34b	Install/Repair/Replace 6" Sanitary Sewer Lateral	10	EA	\$0.00	\$0.00
TOTAL					\$0.00

OWNER'S CONTINGENCY

10% of the subtotal of lines 1-34b in Group B above.

Line Item	Description	Unit of Measure	Unit Cost
35	GROUP B: Water and RCW Trenchless Pipe Installation 10% Contingency	LS	\$0.00

25-0027-UT WATER, RECLAIMED WATER AND WELL REPAIR & IMPROVEMENTS (GROUP C - ASPHALT MILLING AND RESURFACING)

All bid items, unless otherwise specified, shall be inclusive of furnishing all material and labor for the complete installation of the bid item, inclusive of any necessary removal. Installation shall be completed in accordance with the specifications. The quantities provided are estimated per year for bidding purposes and may vary based on the actual work throughout the duration of the contract. The City of Clearwater (City) is not obligated to purchase any minimum or maximum amount during the life of the contract. Unit costs for all bid items shall not be changed in the event of overruns or underruns. All groups do not need to be priced however, all items within a group need to be completed in order to be considered for award of that group.

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
GROUP C: ASPHALT MILLING AND RESURFACING					
*Mobilization shall be per work order as defined by the City. Each work order may include more than one individual project. The unit price for non-emergency mobilization shall not exceed \$6,000 and the unit price for emergency mobilization shall not exceed \$7,000					
1a	Non-Emergency Mobilization/ Demobilization including General Conditions and Traffic Control	40	LS	\$0.00	\$0.00
1b	Emergency Mobilization/ Demobilization including General Conditions and Traffic Control	20	LS	\$0.00	\$0.00
2a	Full Width Milling Only (Up to 2")	20,000	SY	\$0.00	\$0.00
2b	Full Width Milling Only (2" to 4")	20,000	SY	\$0.00	\$0.00
2c	Asphalt Patch	1,000	SY	\$0.00	\$0.00
2d	Complete Removal and Replacement of Asphalt Pavement	2,000	SY	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
3a	Remove and Replace Limerock Base Only	2,000	SY	\$0.00	\$0.00
3b	Remove and Replace Crushed Concrete Base Only	2,000	SY	\$0.00	\$0.00
4a	Sodding	45,000	SF	\$0.00	\$0.00
4b	Brush Removal	40	TON	\$0.00	\$0.00
4c	Tree protection	15	EA	\$0.00	\$0.00
4d	Tree Removal (<6" Trunk Diameter)	5	EA	\$0.00	\$0.00
4e	Tree Removal (6"-12" Trunk Diameter)	3	EA	\$0.00	\$0.00
4f	Tree Removal (13"-18" Trunk Diameter)	3	EA	\$0.00	\$0.00
4g	Tree Removal (>18" Trunk Diameter)	3	EA	\$0.00	\$0.00
5a	Pavement Marking - Crosswalks (Lane)	500	LF	\$0.00	\$0.00
5b	Pavement Marking - Stop Bars (Lane)	250	EA	\$0.00	\$0.00
5c	Pavement Marking - School Crossing/RR	50	EA	\$0.00	\$0.00
5d	Pavement Marking - Turn, Straight, Combo Arrows	50	EA	\$0.00	\$0.00
5e	Pavement Marking - Dashed (White, Yellow or Double Yellow)	500	LF	\$0.00	\$0.00
5f	Pavement Marking - Solid White	250	LF	\$0.00	\$0.00
5g	Pavement Marking - Solid Double Yellow	250	LF	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
5h	Pavement Marking - Solid Yellow	250	LF	\$0.00	\$0.00
5i	Temporary Pavement Marking - Turn, Straight, Combo Arrows	250	EA	\$0.00	\$0.00
5j	Temporary Pavement Marking - Dashed (White, Yellow or Double Yellow)	250	LF	\$0.00	\$0.00
5k	Temporary Pavement Marking - Solid White	250	LF	\$0.00	\$0.00
5l	Temporary Pavement Marking - Solid Double Yellow	250	LF	\$0.00	\$0.00
5m	Temporary Pavement Marking - Solid Yellow	250	LF	\$0.00	\$0.00
TOTAL					\$0.00

OWNER'S CONTINGENCY

10% of the subtotal of lines 1a-5m in Group C above.

Line Item	Description	Unit of Measure	Unit Cost
6	GROUP C: Asphalt Milling and Resurfacing 10% Contingency	LS	\$0.00

25-0027-UT WATER, RECLAIMED WATER AND WELL REPAIR & IMPROVEMENTS (GROUP D - CONCRETE APRONS, SIDEWALK AND CURB)

All bid items, unless otherwise specified, shall be inclusive of furnishing all material and labor for the complete installation of the bid item, inclusive of any necessary removal. Installation shall be completed in accordance with the specifications. The quantities provided are estimated per year for bidding purposes and may vary based on the actual work throughout the duration of the contract. The City of Clearwater (City) is not obligated to purchase any minimum or maximum amount during the life of the contract. Unit costs for all

bid items shall not be changed in the event of overruns or underruns. All groups do not need to be priced however, all items within a group need to be completed in order to be considered for award of that group.

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
GROUP D: CONCRETE APRONS, SIDEWALK AND CURB					
Mobilization shall be per work order as defined by the City. Each work order may include more than one individual project. The unit price for non-emergency mobilization shall not exceed \$6,000 and the unit price for emergency mobilization shall not exceed \$7,000					
1a	Non-Emergency Mobilization/ Demobilization including General Conditions and Traffic Control	40	LS	\$0.00	\$0.00
1b	Emergency Mobilization/ Demobilization including General Conditions and Traffic Control	20	LS	\$0.00	\$0.00
2a	Milling Removal	2,500	SY	\$0.00	\$0.00
2b	Removal and Replacement of Concrete Apron	20,000	SY	\$0.00	\$0.00
2c	Removal and Replacement of Concrete Sidewalk	20,000	SY	\$0.00	\$0.00
2d	Remove and replace concrete curb and gutter (City Standard Detail Straight Curb)	10,000	LF	\$0.00	\$0.00
2e	Remove and replace concrete curb and gutter (City Standard Detail Type I Curb)	10,000	LF	\$0.00	\$0.00
2f	Remove and replace concrete curb and gutter (City Standard Detail Valley Curb)	10,000	LF	\$0.00	\$0.00
2g	Remove and replace concrete curb and gutter (City Standard Detail Pin/Dowelled Curb)	10,000	LF	\$0.00	\$0.00
3a	Remove and Replace Limerock Base Only	1,500	CY	\$0.00	\$0.00
3b	Remove and Replace Crushed Concrete Base Only	1,500	CY	\$0.00	\$0.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
4a	Sodding	35,000	SF	\$0.00	\$0.00
4b	Brush Removal	40	TON	\$0.00	\$0.00
4c	Tree protection	15	EA	\$0.00	\$0.00
4d	Tree Removal (<6" Trunk Diameter)	5	EA	\$0.00	\$0.00
4e	Tree Removal (6"-12" Trunk Diameter)	3	EA	\$0.00	\$0.00
4f	Tree Removal (13"-18" Trunk Diameter)	3	EA	\$0.00	\$0.00
4g	Tree Removal (>18" Trunk Diameter)	3	EA	\$0.00	\$0.00
TOTAL					\$0.00

OWNER'S CONTINGENCY

10% of the subtotal of lines 1a-4g in Group D above.

Line Item	Description	Unit of Measure	Unit Cost
5	GROUP D: Concrete Aprons, Sidewalk and Curb 10% Contingency	LS	\$0.00

25-0027-UT WATER, RECLAIMED WATER AND WELL REPAIR & IMPROVEMENTS (GROUP E - WELL MAINTENANCE)

All bid items, unless otherwise specified, shall be inclusive of furnishing all material and labor for the complete installation of the bid item, inclusive of any necessary removal. Installation shall be completed in accordance with the specifications. The quantities provided are estimated per year for bidding purposes and may vary based on the actual work throughout the duration of the contract. The City of Clearwater (City) is not obligated to purchase any minimum or maximum amount during the life of the contract. Unit costs for all

bid items shall not be changed in the event of overruns or underruns. All groups do not need to be priced however, all items within a group need to be completed in order to be considered for award of that group.

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
Mobilization shall be per work order as defined by the City. Each work order may include more than one individual project. The unit price for non-emergency mobilization shall not exceed \$6,000 and the unit price for emergency mobilization shall not exceed \$7,000					
PUMP REPAIR/REPLACEMENT SERVICES					
1a	Mobilization/Demobilization	15	EACH	\$3,000.00	\$45,000.00
1b	Remove & Reinstall Well Head & Pumping Equipment	15	EACH	\$1,000.00	\$15,000.00
1c	Perform Pump Repair	150	HOURL	\$250.00	\$37,500.00
1d	Well disinfection with a sodium hypochlorite solution following reinstallation of the pump, prior to electrical reconnection	15	EACH	\$2,700.00	\$40,500.00
WELL ACIDIZATION SERVICES					
2a	Mobilization/Demobilization	15	EACH	\$3,000.00	\$45,000.00
2b	Perform Pre-acidizing Specific Capacity Test	15	EACH	\$1,000.00	\$15,000.00
2c	Remove and Re-install Production Pump	15	EACH	\$5,000.00	\$75,000.00
2d	Provide & Install Acidization Well Head Flange Plate	15	EACH	\$5,000.00	\$75,000.00
2e	Provide 32 Percent Inhibited Hydrochloric Acid	4,000	GALS	\$10.00	\$40,000.00
2f	Acidize Well	150	HOURL	\$250.00	\$37,500.00
2g	Provide and Set Test Pump and Pump Well	15	EACH	\$5,000.00	\$75,000.00

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
2h	Well Disinfection	15	EACH	\$2,700.00	\$40,500.00
WELL EVALUATION					
3a	Mobilization/Demobilization	15	EACH	\$3,000.00	\$45,000.00
3b	Perform Specific Capacity Test with Production Pump	15	EACH	\$1,000.00	\$15,000.00
3c	Set Test Pump & Perform Specific Capacity Test	15	EACH	\$3,500.00	\$52,500.00
3d	Remove & Reinstall Well Head & Pumping Equipment	15	EACH	\$5,000.00	\$75,000.00
3e	Provide & Install Test Pump for Geophysical Logging	15	EACH	\$3,500.00	\$52,500.00
3f	Perform Geophysical Logging	15	EACH	\$10,000.00	\$150,000.00
3g	Perform Video Survey	15	EACH	\$3,500.00	\$52,500.00
MECHANICAL INTEGRITY TESTING					
4	Perform Mechanical Integrity Testing	10	EA	\$35,000.00	\$350,000.00
ADDITIONAL/MISCELLANEOUS SERVICES					
5a	Hourly Rate for Miscellaneous Services	100	HOURLY	\$250.00	\$25,000.00
TOTAL					\$1,358,500.00

OWNER'S CONTINGENCY

10% of the subtotal of lines 1a-5a in Group E above.

Line Item	Description	Unit of Measure	Unit Cost
6	GROUP E: Well Maintenance 10% Contingency	LS	\$135,850.00



Paul Petrey
APPLIED DRILLING ENGINEERING INC
10012 N Dale Mabry
Suite 217
Tampa, FL 33618

Certification Date: 9/21/22
Renewal Date: 9/21/25

RE: Small Business Enterprise (SBE) Certification, City of St. Petersburg

Dear Stuart Anderson:

The City of St. Petersburg's Contracts Compliance Division is pleased to inform you that your firm's certification has been approved as a Small Business Enterprise (SBE).

Your certification is valid through 9/21/25. SBE certification qualifies your company to compete and bid on City of St. Petersburg projects as a small owned and operated company. It is not an automatic guarantee that your company will receive work. Your firm's identification number is 131189.

We have also added your firm to the City of St. Petersburg's SBE directory, which can be accessed at <https://stpete.gob2g.com/> respectively.

If you have any questions regarding your certification, you may email compliance@stpete.org.

Sincerely,

Stephanie Swinson, Esq.
Contracts Compliance Manager
727-893-4109
Stephanie.Swinson@stpete.org

SCRUTINIZED COMPANIES FORMS

SCRUTINIZED COMPANIES THAT BOYCOTT ISRAEL LIST CERTIFICATION FORM

**THIS FORM MUST BE COMPLETED AND SUBMITTED WITH THE BID/PROPOSAL.
FAILURE TO SUBMIT THIS FORM AS REQUIRED MAY DEEM YOUR SUBMITTAL
NONRESPONSIVE.**

The affiant, by virtue of the signature below, certifies that:

1. The vendor, company, individual, principal, subsidiary, affiliate, or owner is aware of the requirements of section 287.135, Florida Statutes, regarding companies on the Scrutinized Companies that Boycott Israel List, or engaged in a boycott of Israel; and
2. The vendor, company, individual, principal, subsidiary, affiliate, or owner is eligible to participate in this solicitation and is not listed on the Scrutinized Companies that Boycott Israel List, or engaged in a boycott of Israel; and
3. "Boycott Israel" or "boycott of Israel" means refusing to deal, terminating business activities, or taking other actions to limit commercial relations with Israel, or persons or entities doing business in Israel or in Israeli-controlled territories, in a discriminatory manner. A statement by a company that it is participating in a boycott of Israel, or that it has initiated a boycott in response to a request for a boycott of Israel or in compliance with, or in furtherance of, calls for a boycott of Israel, may be considered as evidence that a company is participating in a boycott of Israel; and
4. If awarded the Contract (or Agreement), the vendor, company, individual, principal, subsidiary, affiliate, or owner will immediately notify the City of Clearwater in writing, no later than five (5) calendar days after any of its principals are placed on the Scrutinized Companies that Boycott Israel List, or engaged in a boycott of Israel.

Authorized Signature

Paul Petrey

Printed Name

President - Secretary

Title

Applied Drilling Engineering, Inc.

Name of Entity/Corporation

STATE OF Florida

COUNTY OF Hillsborough

The foregoing instrument was acknowledged before me by means of ☐ physical presence or ☐ online notarization on, this 23 day of September, 2025, by Paul Petrey (name of person whose signature is being notarized) as the President - Secretary (title) of Applied Drilling Engineering, Inc. (name of corporation/entity), personally known X, or produced _____ (type of identification) as identification, and who did/did not take an oath.

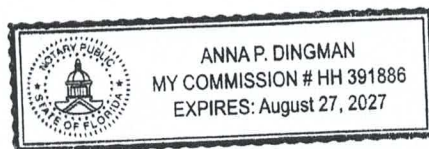
Notary Public

Anna P. Dingman

Printed Name

My Commission Expires: 08/27/2027

NOTARY SEAL ABOVE



SCRUTINIZED COMPANIES FORMS

**SCRUTINIZED COMPANIES AND BUSINESS OPERATIONS WITH
CUBA AND SYRIA CERTIFICATION FORM**

**IF YOUR BID/PROPOSAL IS \$1,000,000 OR MORE, THIS FORM MUST BE COMPLETED AND
SUBMITTED WITH THE BID/PROPOSAL. FAILURE TO SUBMIT THIS FORM AS REQUIRED MAY
DEEM YOUR SUBMITTAL NONRESPONSIVE.**

The affiant, by virtue of the signature below, certifies that:

1. The vendor, company, individual, principal, subsidiary, affiliate, or owner is aware of the requirements of section 287.135, Florida Statutes, regarding companies on the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaging in business operations in Cuba and Syria; and
2. The vendor, company, individual, principal, subsidiary, affiliate, or owner is eligible to participate in this solicitation and is not listed on either the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Sector List, or engaged in business operations in Cuba and Syria; and
3. Business Operations means, for purposes specifically related to Cuba or Syria, engaging in commerce in any form in Cuba or Syria, including, but not limited to, acquiring, developing, maintaining, owning, selling, possessing, leasing or operating equipment, facilities, personnel, products, services, personal property, real property, military equipment, or any other apparatus of business or commerce; and
4. If awarded the Contract (or Agreement), the vendor, company, individual, principal, subsidiary, affiliate, or owner will immediately notify the City of Clearwater in writing, no later than five (5) calendar days after any of its principals are placed on the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Sector List, or engaged in business operations in Cuba and Syria.

Authorized Signature

Paul Petrey
Printed Name

President - Secretary
Title

Applied Drilling Engineering, Inc. C- Corp Florida 10/18/2006
Name of Entity/Corporation

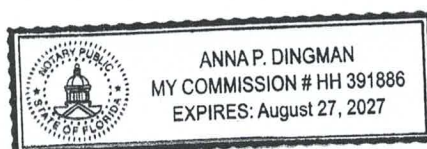
STATE OF Florida

COUNTY OF Hillsborough

The foregoing instrument was acknowledged before me by means of ☒ physical presence or ☐ online notarization on, this 23 day of September, 2025, by Paul Petrey
(name of person whose signature is being notarized) as the President - Secretary (title) of Applied Drilling Engineering, Inc. (name of corporation/entity), personally known x, or produced _____ (type of identification) as identification, and who did/did not take an oath.

Notary Public
Anna P. Dingman
Printed Name

My Commission Expires: 08/27/2027
NOTARY SEAL ABOVE



Compliance with Anti-Human Trafficking Laws

Pursuant to Section 787.06 (13), Florida Statutes, this form must be completed by an officer or representative of a non-governmental entity when a contract is executed, renewed, or extended between the non-governmental entity and the City of Clearwater.

The undersigned, on behalf of the entity listed below ("Entity"), hereby attests under penalty of perjury that:

Entity does not use coercion for labor or services as defined in Section 787.06, Florida Statutes.

The undersigned is authorized to execute this form on behalf of Entity.

Date: September 23, 2025

Signed: 

Entity: Applied Drilling Engineering, Inc.

Name: Paul Petrey

Title: President - Secretary

PROPOSAL/BID BOND

(Not to be filled out if a certified check is submitted)

KNOWN ALL MEN BY THESE PRESENTS: That we, the undersigned, Applied Drilling Engineering, Inc.
10012 N Dale Mabry Hwy #217, Tampa FL 33618 as Contractor, and Great Midwest Insurance Company
800 Gessner Suite 600, Houston TX 77024 as Surety, whose address is _____,
 are held and firmly bound unto the City
 of Clearwater, Florida, in the sum of Ten Percent of Amount Bid Dollars
 (\$ 10% of amt bid) (being a minimum of 10% of Contractor's total bid amount) for the payment of which,
 well and truly to be made, we hereby jointly and severally bind ourselves, our heirs, executors,
 administrators, successors and assigns.

The condition of the above obligation is such that if the attached Proposal of Applied Drilling Engineering, Inc.
 _____ as Contractor, and Great Midwest Insurance Company as Surety, for
 work specified as: 25-007-UT Waste, Reclaimed Water and Well Repair & Improvements

all as stipulated in said Proposal, by doing all work incidental thereto, in accordance with the plans and
 specifications provided herefor, all within Pinellas County, is accepted and the contract awarded to the
 above named bidder, and the said bidder shall within ten days after notice of said award enter into a contract,
 in writing, and furnish the required Public Construction Bond with surety or sureties to be approved by the
 City Manager, this obligation shall be void, otherwise the same shall be in full force and virtue by law and
 the full amount of this Proposal/Bid Bond will be paid to the City as stipulated or liquidated damages.

Principal must indicate whether:

☒ Corporation, _____ Partnership, _____ Company, or _____ Individual

Signed this 24th day of September, 2025Applied Drilling Engineering, Inc.

Contractor

Applied Drilling Engineering, Inc.

Principal

By: _____

Title Paul Petrey -PresidentGreat Midwest Insurance Company

Surety

Kevin Wojtowicz, Attorney in fact
and Florida Licensed Resident Agent

The person signing shall, in his own handwriting, sign the Principal's name, his own name, and his title;
 where the person is signing for a Corporation, he must, by Affidavit, show his authority to bind the
 Corporation – **provide Affidavit.**

AFFIDAVIT

(To be filled in and executed if the bidder is a corporation)

STATE OF FLORIDA)

COUNTY OF Pinellas)

Paul Petrey, being duly sworn, deposes and says that he/she is
Secretary of Applied Drilling Engineering, Inc.
a corporation organized and existing under and by virtue of the laws of the State of Florida, and having its
principal office at:

10012 N Dale Mabry Hwy #217, Tampa Hillsborough FL 33618
(Street & Number) (City) (County) (State)

Affiant further says that he is familiar with the records, minute books and by-laws of
Applied Drilling Engineering, Inc.
(Name of Corporation)

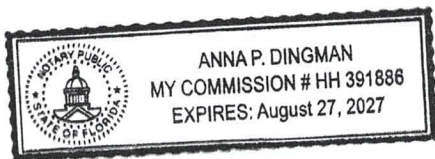
Affiant further says that Paul Petrey is Sec/President
(Officer's Name) (Title)

of the corporation, is duly authorized to sign the Proposal for Applied Drilling Engineering, Inc.
or said corporation by virtue of

(state whether a provision of by laws or a Resolution of
Board of Directors. If by Resolution give date of adoption).

[Signature]
Affiant

Sworn to before me this 24th day of September, 2025.



[Signature]
Notary Public

ANNA P. DINGMAN
Type/print/stamp name of Notary

OFFICE MANAGER
Title or rank, and Serial No., if any

POWER OF ATTORNEY
Great Midwest Insurance Company

KNOW ALL MEN BY THESE PRESENTS, that **GREAT MIDWEST INSURANCE COMPANY**, a Texas Corporation, with its principal office in Houston, TX, does hereby constitute and appoint: Dale A. Belis, Marilyn Ann Blome, Donald Bramlage, Edward M. Clark, Christian Collins, F. Danny Gann, David R. Hoover, Jarrett Merlucci, Laura D. Mosholder, Charles J. Nielson, Jessica P. Reno, Audria R. Ward, Edward T. Ward, Kevin Wojtowicz, Richard Zimmerman, Charles D. Nielson, Brett M. Rosenhaus

its true and lawful Attorney(s)-In-Fact to make, execute, seal and deliver for, and on its behalf as surety, any and all bonds, undertakings or other writings obligatory in nature of a bond.

This authority is made under and by the authority of a resolution which was passed by the Board of Directors of **GREAT MIDWEST INSURANCE COMPANY**, on the 1st day of April, 2025 as follows:

Resolved, that the President, or any officer, be and hereby is, authorized to appoint and empower any representative of the Company or other person or persons as Attorney-In-Fact to execute on behalf of the Company any bonds, undertakings, policies, contracts of indemnity or other writings obligatory in nature of a bond not to exceed One-Hundred Million dollars (\$100,000,000.00), which the Company might execute through its duly elected officers, and affix the seal of the Company thereto. Any said execution of such documents by an Attorney-In-Fact shall be as binding upon the Company as if they had been duly executed and acknowledged by the regularly elected officers of the Company. Any Attorney-In-Fact, so appointed, may be removed in the Company's sole discretion and the authority so granted may be revoked as specified in the Power of Attorney.

Resolved, that the signature of the President and the seal of the Company may be affixed by electronic mail on any power of attorney granted, and the signature of the Secretary, and the seal of the Company may be affixed by electronic mail to any certificate of any such power and any such power or certificate bearing such electronic signature and seal shall be valid and binding on the Company. Any such power so executed and sealed and certificate so executed and sealed shall, with respect to any bond of undertaking to which it is attached, continue to be valid and binding on the Company.

IN WITNESS THEREOF, **GREAT MIDWEST INSURANCE COMPANY**, has caused this instrument to be signed by its President, and its Corporate Seal to be affixed this 8th day of April, 2025.



GREAT MIDWEST INSURANCE COMPANY

BY Mark W. Haushill
Mark W. Haushill
President

ACKNOWLEDGEMENT

On this 8th day of April 2025, before me, personally came Mark W. Haushill to me known, who being duly sworn, did depose and say that he is the President of **GREAT MIDWEST INSURANCE COMPANY**, the corporation described in and which executed the above instrument; that he executed said instrument on behalf of the corporation by authority of his office under the By-laws of said corporation.



BY Christina Bishop
Christina Bishop
Notary Public

CERTIFICATE

I, the undersigned, Secretary of **GREAT MIDWEST INSURANCE COMPANY**, A Texas Insurance Company, DO HEREBY CERTIFY that the original Power of Attorney of which the foregoing is a true and correct copy, is in full force and effect and has not been revoked and the resolutions as set forth are now in force.

Signed and Sealed at Houston, TX this 24th Day of September 2025



BY Patricia Ryan
Patricia Ryan
Secretary

"WARNING: Any person who knowingly and with intent to defraud any insurance company or other person, files and application for insurance of claim containing any materially false information, or conceals for the purpose of misleading, information concerning any fact material thereto, commits a fraudulent insurance act, which is a crime and subjects such person to criminal and civil penalties.

Request for Taxpayer Identification Number and Certification

Go to www.irs.gov/FormW9 for instructions and the latest information.

Give form to the
requester. Do not
send to the IRS.

Before you begin. For guidance related to the purpose of Form W-9, see *Purpose of Form*, below.

Print or type. See Specific Instructions on page 3.	1 Name of entity/individual. An entry is required. (For a sole proprietor or disregarded entity, enter the owner's name on line 1, and enter the business/disregarded entity's name on line 2.) Paul Petrey
	2 Business name/disregarded entity name, if different from above. Applied Drilling Engineering, Inc.
	3a Check the appropriate box for federal tax classification of the entity/individual whose name is entered on line 1. Check only one of the following seven boxes. <input type="checkbox"/> Individual/sole proprietor <input checked="" type="checkbox"/> C corporation <input type="checkbox"/> S corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate <input type="checkbox"/> LLC. Enter the tax classification (C = C corporation, S = S corporation, P = Partnership) Note: Check the "LLC" box above and, in the entry space, enter the appropriate code (C, S, or P) for the tax classification of the LLC, unless it is a disregarded entity. A disregarded entity should instead check the appropriate box for the tax classification of its owner. <input type="checkbox"/> Other (see instructions)
	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) Exemption from Foreign Account Tax Compliance Act (FATCA) reporting code (if any) <i>(Applies to accounts maintained outside the United States.)</i>
	3b If on line 3a you checked "Partnership" or "Trust/estate," or checked "LLC" and entered "P" as its tax classification, and you are providing this form to a partnership, trust, or estate in which you have an ownership interest, check this box if you have any foreign partners, owners, or beneficiaries. See instructions <input type="checkbox"/>
5 Address (number, street, and apt. or suite no.). See instructions. 10012 North Dale Mabry HWY, Suite 217	Requester's name and address (optional)
6 City, state, and ZIP code Tampa FL 33618	
7 List account number(s) here (optional)	

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. See also *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number								
			-					
or								
Employer identification number								
2	0	-	5	7	4	3	9	3

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and, generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here	Signature of U.S. person	Date September 23, 2025
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General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

What's New

Line 3a has been modified to clarify how a disregarded entity completes this line. An LLC that is a disregarded entity should check the appropriate box for the tax classification of its owner. Otherwise, it should check the "LLC" box and enter its appropriate tax classification.

New line 3b has been added to this form. A flow-through entity is required to complete this line to indicate that it has direct or indirect foreign partners, owners, or beneficiaries when it provides the Form W-9 to another flow-through entity in which it has an ownership interest. This change is intended to provide a flow-through entity with information regarding the status of its indirect foreign partners, owners, or beneficiaries, so that it can satisfy any applicable reporting requirements. For example, a partnership that has any indirect foreign partners may be required to complete Schedules K-2 and K-3. See the Partnership Instructions for Schedules K-2 and K-3 (Form 1065).

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS is giving you this form because they