



LEGAL NOTICE

INVITATION TO SUBMIT QUOTATIONS

The Town of Smyrna will accept quotations on the annual Gas, Water and Sewer materials for the Utilities Department. Bidders shall submit sealed quotations in the format specified in the Invitation to Submit Quotations no later than **10:00 a.m. May 10, 2018** at which time the bids will be publicly opened and read aloud. No bid may be withdrawn after the scheduled closing time for a period of 90 days. Bidding documents may be obtained at Smyrna Town Hall during regular business hours or www.townofsmyrna.org. Quotations should be mailed or hand delivered to:

Rex S. Gaither
Smyrna Town Hall
Sealed Bid on Annual Gas, Water & Sewer Materials
May 10 @ 10:00 a.m.
315 South Lowry Street
Smyrna, TN 37167

The Town of Smyrna will not discriminate in the purchase of all goods and services on the basis of race, color, religion, sex, national origin, age, disability or any other lawfully protected classification.

Verbal quotations, faxed quotations or quotations received after the closing date will not be accepted. The Town of Smyrna reserves the right to reject any and all bids, to waive technicalities or informalities and to accept any bid deemed to be in the best interest of the Town.

BY: REX S. GAITHER
FINANCE DIRECTOR

TO BE RUN: April 16, 2018

COMPANY NAME

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SECTION I – GENERAL INFORMATION

- A. The Town of Smyrna desires to purchase annual gas, water and sewer materials for the Utilities Department through June 30, 2019.

Location of Smyrna Town Hall:
315 South Lowry Street
Smyrna, TN 37167

Delivery Locations:
Gas: 108 G Street, Smyrna
Water & Sewer: 106 G Street, Smyrna
Call for delivery appointment.

- B. Questions should be directed to John Nokes (615) 887-1934 or Aubrey Blanks (615) 459-9742 ext. 2109. E-mail address: john.nokes@townofsmyrna.org or aubrey.blanks@townofsmyrna.org.
- C. The Town of Smyrna reserves the right to reject any and all bids, to waive technicalities or informalities and to accept any bid deemed to be in the best interest of the Town. No bid may be withdrawn after the scheduled closing time for a period of 90 days.
- D. The bidder shall abide by and comply with the true intent of the specifications and not take advantage of any unintentional error or omission, but shall fully address the full intent and meaning of each aspect of the specifications.
- E. **Equals must be pre-approved by John Nokes or Aubrey Blanks prior to bid opening. All items to be ordered as needed.** Quantities are **estimated** on annual usage.
- F. All materials in the bid documents have been placed into specific categories within each department. Each category shall be considered as a whole and not broken apart (See example in Attachment A).
- G. Section II, III and contract Agreement shall be **completed** and **included** as an integral part of each bidders proposal. Successful bidder will be expected to enter into a contract Agreement with the Town. Agreement shall be signed, but not dated, by the proper business representative and submitted **with** the bid proposal. An executed contract will be forwarded to winning vendor after Council approval.
- H. Freight shall be paid by vendor and should be **included** in unit price bid.
- I. The Town is a tax exempt organization.
- J. Mail is delivered after 11:00 a.m. Monday through Friday.
- K. Bid quotations **must** be submitted on the Town's quotation page(s). No exceptions.
- L. If you or your company wishes to be retained on the bid list please return either a bid or a "No Bid" response to this invitation.

M. THIS ORDER WILL EXPIRE JUNE 30, 2019.

N. By submission of this bid, each bidder/proposer and each person signing on behalf of any bidder certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury, that to the best of its knowledge and belief that each bidder is not on the list created pursuant to T.C.A. § 12-12-106 Iran Divestment Act.

https://www.tn.gov/assets/entities/generalservices/cpo/attachments/List_of_persons_pursuant_to_Tenn._Code_Ann._12-12-106,_Iran_Divestment_Act-July.pdf

SECTION II – SPECIFICATIONS AND PRICE QUOTATION

Base Bid Schedule

See Attached Spreadsheets

All materials have been placed into specific categories within each department. Each category shall be considered as a whole and not broken apart. An example of the format is included in Attachment A.

The Town of Smyrna has included a spreadsheet with this document. The spreadsheet has been included for bidding convenience. Each bidder is responsible for the information and mathematical accuracy. Please check and double check your bid prior to submitting.

Compliance with laws:

The contractor must comply with all applicable federal and state law including the prevailing wage laws.

Contractor must provide adequate proof of insurance with the bid.

INSURANCE REQUIREMENTS

The Vendor shall purchase and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the Vendor, its agents, representatives, employees or subcontractors.

A. MINIMUM SCOPE AND LIMITS OF INSURANCE

1. Workers Compensation

Workers Compensation insurance shall be in compliance with the State of Tennessee and shall be statutory. Employers Liability shall be included with a minimum limit of \$500,000 per accident/per disease/per employee.

2. Commercial General Liability

Commercial General Liability insurance shall have a minimum limit per occurrence of \$1,000,000 and a minimum general aggregate of \$2,000,000. It shall include completed operations, product liability and personal injury liability insurance.

3. Automobile Liability

Automobile Liability Insurance shall have a minimum combined single limit per occurrence of \$1,000,000. This insurance shall include third-party bodily injury and property damage liability for owned, hired, borrowed and non-owned automobiles.

B. DEDUCTIBLES AND SELF-INSURED RETENTIONS

Any deductibles or self-insured retentions must be declared to the Town of Smyrna. The Vendor shall be responsible for all deductibles and self-insured retentions.

C. OTHER INSURANCE PROVISIONS

The policies are to contain, or be endorsed to contain, the following provisions:

1. General Liability and Automobile Liability Coverages

a. The Town, its elected and appointed officials, agents, employees and volunteers shall be named as an additional insured as regards negligence by the vendor.

b. The Vendor's insurance shall be primary as respects the Town, its elected and appointed officials, agents, employees and volunteers. Any insurance or self-insurance maintained by the Town of Smyrna shall be excess and non-contributory of the Vendor's insurance.

2. Workers Compensation and Employers Liability Coverage

The insurer shall agree to waive all rights of subrogation against the Town, its elected and appointed officials, agents, employees and volunteers for losses arising from work performed by the Vendor for the Town of Smyrna.

3. All Coverages

- a. Coverage shall not be canceled, suspended, or voided by either party (the Vendor or the insurer) or reduced in coverage or in limits except after 30 days written notice has been given to the Town of Smyrna. Ten-day written notice of cancellation is acceptable for non-payment of premium. Notifications shall comply with the standard cancellation provisions in the Vendor's policy.
- b. Neither the acceptance of the completed work nor the payment thereof shall release the Vendor from the obligations of the insurance requirements or indemnification agreement.
- c. The insurance companies issuing the policies shall have no recourse against the Town of Smyrna for payment of premiums or for assessments under any form of the policies.
- d. Replacement certificates, policies or endorsements shall be provided to the Town for any such insurance expiring prior to the completion of services.
- e. Any failure of the Vendor to comply with reporting provisions of the policy shall not affect coverage provided to the Town, its elected and appointed officials, agents, employees and volunteers.

D. ACCEPTABILITY OF INSURERS

All required insurance shall be provided by a company or companies licensed to conduct business in the State of Tennessee. Insurance shall be underwritten by insurers with an A.M. Best Company ratings no less than an A.

E. VERIFICATION OF COVERAGE

The Vendor shall furnish the Town with Certificates of Insurance reflecting proof of required coverage. The Certificates for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf. **The Certificates are to be received and approved by the Town before work commences and upon any contract renewal thereafter.**

Upon failure of the Vendor to furnish, deliver and maintain such insurance as requested, this contract, at the election of the Town, may be suspended, discontinued or terminated. Failure of the Vendor to purchase and/or maintain any required insurance shall not relieve the Vendor from any liability or indemnification under the contract.

The Certificate of Insurance naming the "Town of Smyrna" as **Additional Insured** shall be addressed to the attention of:

Town of Smyrna
Department of Safety & Risk Management

ATTN: Kay Charles
315 S Lowry St
Smyrna, TN 37167

The Town reserves the right to request complete certified copies of all required insurance policies at any time.

F. SUBCONTRACTORS

Vendor shall include all subcontractors as insureds under its policies **OR** shall be responsible for verifying and maintaining the Certificates provided by each subcontractor. Subcontractors shall be subject to all of the requirements stated herein. The Town of Smyrna reserves the right to request copies of subcontractor's Certificates at any time.

G. WORKERS' COMPENSATION INDEMNITY

In the event Vendor is not required to provide or is exempt from providing workers' compensation coverage, the parties hereby agree that Vendor, its owners, agents and employees will have no cause of action against, and will not assert a claim against the Town of Smyrna, its elected and appointed officials, agents, employees and volunteers, under any circumstances. The parties also hereby agree that the Town of Smyrna, its elected and appointed officials, agents, employees and volunteers shall in no circumstance be, or considered as, the employer or statutory employer of Vendor, its owners, agents and employees. The parties further agree that Vendor is a wholly independent vendor and is exclusively responsible for its employees, owners, and agents. Vendor hereby agrees to protect, defend, indemnify and hold the Town of Smyrna, its elected and appointed officials, agents, employees and volunteers harmless from any such assertion or claim that may arise from the performance of this contract.

HOLD HARMLESS AND INDEMNITY REQUIREMENT:

Vendor shall indemnify and hold harmless, to the maximum extent permitted by law, the Town of Smyrna and its officers, agents, employees, volunteers, from and against any and all liability, damages, losses, (whether in contract or in tort, including personal injury, accidental death or property damage, and regardless, of whether the allegations are false, fraudulent or groundless), and costs (including reasonable attorney's fees, litigation, arbitration, mediation, appeal expenses) which in whole or in part are caused by the negligence, recklessness or intentional wrongful misconduct of the Vendor and persons employed by or utilized by the Vendor in Vendor's performance of this Agreement.

The vendor further agrees to protect, defend, and save the Town, its elected and appointed officials, agents, employees and volunteers while working in the scope of their duties as such, harmless from and against all claims, demands, and causes of action of any kind of character, including the cost of their defense, arising in favor of the vendor's employees or third parties on account of bodily or personal injuries, death or damage to property arising out of services performed or omissions of services or in any way resulting from the acts of omissions of the vendor and/or its agents, employees, subcontractors, representative of the Town under this agreement.

Pursuant to Tennessee Attorney General Opinion 93-01, the Town will not indemnify, defend or hold harmless in any fashion the Vendor from any claims arising from any failure, regardless of any language in any attachment or other document that the Vendor may provide.

APPLICABLE LAW:

Any contract resulting from this RFP shall be governed by and construed under the laws.



AGREEMENT

This Agreement is made and entered into as of this ____ day of _____, 2018, by and between _____, a _____ (the “Bidder”) and the Town of Smyrna, Tennessee, a Tennessee municipal corporation (the “Town”) for the purpose of **Annual Gas, Water & Sewer Materials**.

WHEREAS, the Bidder has submitted a quotation for the provision of certain products and/or services to the Town, all in accordance with the terms of the Invitation to Submit Quotations attached hereto and incorporated herein by reference as if set forth at length verbatim as Exhibit A (the “ISQ”), and which Quotation from the Bidder is attached hereto and incorporated herein by reference as if set forth at length verbatim as Exhibit B (the “Quotation”); the ISQ and the Quotation, together with any and all ancillary documents thereto, shall be collectively referred to herein as the “Bid Documents”); and

WHEREAS, the Town now desires to accept the Bidder’s quotation, in accordance with the terms set forth in such Bid Documents.

NOW, THEREFORE, in consideration of the mutual covenants contained herein, and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned do hereby agree as follows:

1. Acceptance of Bid Documents. The terms of the Bid Documents, as incorporated herein by reference, are hereby accepted by the parties hereto. The Bidder hereby agrees to provide the goods and/or services contemplated by such Bid Documents in accordance with the terms set forth therein. The Town hereby accepts the Bidder’s quotation to provide the goods and/or services contemplated by such Bid Documents in accordance with the terms set forth therein.

2. Entire Agreement. This Agreement, including the exhibits and any other documents referred to herein or therein, which form a part hereof, contains the entire understanding of the parties with respect to its subject matter. There are no restrictions, agreements, promises, warranties, covenants or undertakings other than those expressly set forth herein or therein. This Agreement supersedes all prior written or oral agreements and understandings between the parties with respect to its subject matter and may not be altered, modified or amended, in whole or in part, except by the express written authorization and consent of the parties hereto.

3. Severability. This agreement constitutes the product of negotiations of the parties hereto and any enforcement of hereof will be interpreted in a neutral manner and not more strongly against any party based upon the source of the draftsmanship of this Agreement. If any provision of this Agreement shall be held invalid or unenforceable by a court of competent jurisdiction, the remaining provisions hereof shall continue to be fully effective.

4. Limitation of Liability. The Town of Smyrna shall not be liable for any loss, claim, expense or damage caused by, contributed to by or arising out of the acts or omission of Bidder or third parties, whether negligent or otherwise.

5. Warranties. The Bidder warrants to the Town that all materials and equipment furnished under this Contract will be new unless otherwise specified, and that all work will be of good quality, free from faults and defects, suitable for the purpose for which the materials and equipment are furnished, and in conformance with the Agreement. All work not conforming to these requirements, including substitutions not properly approved and authorized, may be considered defective.

6. Indemnification. The parties hereto agree that Vendor shall indemnify The Town for any and all claims of negligence, tortious conduct or otherwise unlawful acts committed by Vendor in the performance of their obligations under the terms of the original agreement or this addendum to agreement and Vendor agrees to pay any and all costs associated with the enforcement of the terms of this indemnity agreement by The Town, including but not limited to court costs, civil judgments, assessments or any other reasonable fees associated therewith. This clause shall survive the expiration or termination of the original contract or this addendum to agreement and shall remain in full force and effect until the expiration of any applicable statute of limitation. In addition, The Town is prohibited by Tennessee law, as a political subdivision of the State of Tennessee, to agree to indemnify any private or public Vendor or contracting party and all reference to the local government providing indemnification shall be null and void by attaching signature to this addendum.

7. Attorney Fees. The parties hereto agree that The Town shall be in no event liable for any attorney's fees which Vendor may incur due to breach of the original agreement or this addendum agreement by either party; and further, The Town shall not acquiesce to any term of the original contract/agreement that indicates or infers The Town may or shall be responsible for the fees of another party or the Vendor's attorney fees.

8. Mediation. The Town may, at its option, require the attempted resolution of any dispute arising under the original contract or this addendum to agreement by mediation prior to the filing of any lawsuit or other claim. Should any dispute arise, Vendor shall provide the Town notice of any intent to file suit by certified mail. The Town shall notify the Vendor of its intent to exercise its right to mediation within thirty (30) days of receiving such notice. If the Town does not exercise its right to mediation, Vendor may file suit. Any mediator selected under this clause shall be agreed upon by the parties and the costs of such mediation shall be divided and paid equally between the parties.

9. Governing Law. This Agreement shall be deemed to have been executed and delivered within the State of Tennessee, and the rights and obligations of the parties shall be construed and enforced in accordance with, and governed by, the laws of the State of Tennessee.

10. Applicable Law / Choice of Forum and Venue. The parties' choice of forum and venue shall be exclusively in the courts of Rutherford County, Tennessee. Any provision of the Agreement held to violate a law or regulation shall be deemed void, and all remaining provisions shall continue in force.

IN WITNESS WHEREOF, the undersigned have executed this Agreement as of the date set forth above.

BIDDER:

By: _____

Title: _____

ATTEST:

TOWN OF SMYRNA, TENNESSEE

By: _____

Name: Mary Esther Reed

Title: Mayor

ATTEST:

Dianne Waldron, Town Clerk

GAS MATERIALS BID 2018-2019

GAS	ITEM #	DESCRIPTION	SIZE	APPROVED PART #	ALTERNATE PART #	UNIT	EST QTY FY 18/19	BIDDER	UNIT PRICE
		METER RISERS							
G	89	RISER, ANODELESS, 36V X 24H, ELSTER PERFECTION	3/4" X 3/4"	79207		EA	150		
G	90	RISER, ANODELESS, ELSTER PERFECTION	1" X 1"	75766		EA	30		
G	91	RISER, ANODELESS, ELSTER PERFECTION	1 1/4" X 1 1/4"	75918		EA	10		
G	92	RISER, ANODELESS, ELSTER PERFECTION,	2" X 2"	ASR2-2F-PB		EA	30		
		CUTOFFS							
G	97	STOPCOCK; JOMAR 241-004B	3/4"	241-004D		EA	150		
G	98	STOPCOCK, HIGH PRESSURE, MUELLER	3/4"	3/4" H-11185		EA	20		
G	99	STOPCOCK; JOMAR 241-005B	1"	241-005B		EA	30		
G	100	STOPCOCK; 175 MAOP MUELLER	1 1/4"	1 1/4"H11175		EA	10		
G	101	STOPCOCK; 175 MAOP MCDONALD	1 1/2"	560 B 1 1/2"		EA	10		
G	102	STOPCOCK; 175 MAOP MUELLER	2"	2" H11175		EA	30		
		POLYETHYLENE PIPE							
G	107	PIPE; DRISCO 3408 (500 FT ROLLS)	3/4"	PE 3408 YS-07		FT	20000		
G	108	PIPE; DRISCO 3408 (500 FT ROLLS)	1"	PE 3408 YS-1		FT	3000		
G	109	PIPE; DRISCO 3408 (250 FT ROLLS)	1 1/4"	PE3408 YS-13		FT	350		
G	110	PIPE; DRISCO 3408 (500 FT ROLLS)	2"	PE 3408 YS-2		FT	15000		
G	111	PIPE; DRISCO 3408 (39' PER SECTION)	3"	PE 3408 YS-3		FT	200		
G	112	PIPE; DRISCO 3408 (39 FT PER SECTION)	4"	PE 3408 YS - 4		FT	5000		
G	113	PIPE; DRISCO 3408 (39 FT PER SECTION)	6"	PE 3408 YS - 6		FT	2000		
		POLYETHYLENE FITTINGS							
G	118	CAP; BUTT FUSE DRISCO 8100 3408	3/4"	BBF40-07		EA	200		
G	119	CAP; BUTT FUSE DRISCO 8100 3408	1"	BBF40-1		EA	25		
G	120	CAP; BUTT FUSE DRISCO 8100 3408	1 1/4"	BBF40-13		EA	10		
G	121	CAP; BUTT FUSE DRISCO 8100 3408	2"	BBF40-2		EA	50		
G	122	CAP; BUTT FUSE DRISCO 8100 3408	3"	BBF40-3		EA	10		
G	123	CAP; BUTT FUSE DRISCO 8100 3408	4"	BBF40-4		EA	25		
G	124	CAP; BUTT FUSE DRISCO 8100 3408	6"	BBF40-6		EA	10		
G	125	REDUCER; BUTT FUSE DRISCO 8100 3408	1" X 1/2"	1006458		EA	5		
G	126	REDUCER; BUTT FUSE DRISCO 8100 3408	1" X 3/4"	1036888		EA	10		
G	127	REDUCER; BUTT FUSE DRISCO 8100 3408	1 1/4" X 1"	1007964		EA	10		
G	128	REDUCER; BUTT FUSE DRISCO 8100 3408	2" X 1"	1063171		EA	10		
G	129	REDUCER; BUTT FUSE DRISCO 8100 3408	2" X 1 1/4"	1007977		EA	10		
G	130	REDUCER; BUTT FUSE DRISCO 8100 3408	3" X 2"	1007985		EA	10		
G	131	REDUCER; BUTT FUSE DRISCO 8100 3408	6" X 4"	1006469		EA	10		
G	132	REDUCER; BUTT FUSE DRISCO 8100 3408	4" x 3"	1007992		EA	10		
G	133	REDUCER; BUTT FUSE DRISCO 8100 3408	4" X 2"	1006466		EA	25		
G	134	TEE; DRISCO 8100 3408	3/4"	1007902		EA	50		

GAS MATERIALS BID 2018-2019

GAS	ITEM #	DESCRIPTION	SIZE	APPROVED PART #	ALTERNATE PART #	UNIT	EST QTY FY 18/19	BIDDER	UNIT PRICE
G	135	TEE; DRISCO 8100 3408	1"	1007910		EA	20		
G	136	TEE; DRISCO 8100 3408	1 1/4"	1007917		EA	50		
G	137	TEE; DRISCO 8100 3408	2"	1006426		EA	50		
G	138	TEE; DRISCO 8100 3408	3"	1007933		EA	1010		
G	139	TEE; DRISCO 8100 3408	4"	1006434		EA	30		
G	140	TEE; DRISCO 8100 3408	6"	1006442		EA	10		
G	141	ELBOW; 90 D DRISCO 8100 3408	2"	1006422		EA	10		
G	142	ELBOW; 90 D DRISCO 8100 3408	3"	1007932		EA	10		
G	143	ELBOW; 90 D DRISCO 8100 3408	4"	1006432		EA	10		
G	144	ELBOW; 90 D DRISCO 8100 3408	6"	1006440		EA	10		
		BOLT ON STEEL TAPPING SADDLE							
G	149	TAPPING SADDLE; STEEL, CONTINENTAL	1 1/4"	1315-15-1013-00		EA	10		
G	150	TAPPING SADDLE; STEEL, CONTINENTAL	2" X 3/4"	1315-17-1013-00		EA	10		
G	151	TAPPING SADDLE; STEEL, CONTINENTAL	2" X 1"	1315-17-1014-00		EA	10		
G	152	TAPPING SADDLE; STEEL, CONTINENTAL	2 1/2" X 3/4"			EA	10		
G	153	TAPPING SADDLE; STEEL, CONTINENTAL	3" X 3/4"	1315-19-1013-00		EA	10		
G	154	TAPPING SADDLE; STEEL, CONTINENTAL	4" X 3/4"	1315-21-1013-00		EA	10		
G	155	TAPPING SADDLE; STEEL, CONTINENTAL	6" X 3/4"	1315-24-1013-00		EA	10		
		LYCOFIT FITTINGS							
G	160	REDUCER; LYCOFIT	3/4" X 1/2"	LCY060Y010B-RR		EA	10		
G	161	TEE; LYCOFIT	3/4"	LCO60Y-3TR		EA	25		
G	162	TEE; LYCOFIT	1"	LC070Y-3TR		EA	25		
G	163	TEE; LYCOFIT	2"	LC200Y-3TR		EA	25		
G	164	LYCO CAP	3/4"	LC060Y-ECR		EA	50		
G	165	LYCO CAP	1"	LC070Y-ECR		EA	25		
G	166	LYCO CAP	2"	LC200Y-ECR		EA	10		
G	167	COUPLING; LYCOFIT	3/4"	LC 060 Y-DER		EA	75		
G	168	COUPLING; LYCOFIT	1/2"	LC 010 B-DER		EA	10		
G	169	COUPLING; LYCOFIT	1"	LC 070Y-DER		EA	50		
G	170	COUPLING; LYCOFIT	1 1/4"	LCO80X-DESR		EA	10		
G	171	COUPLING; LYCOFIT	2"	LC200Y-DESR		EA	50		
G	172	COUPLING; LYCOFIT REPAIR	2"	LC 200Y-DER		EA	25		
		POLYVALVES							
G	177	POLYVALVE; KEROTEST FULL PORT, 3408	1"	99051111	PERFECTION 45011	EA	5		
G	178	POLYVALVE; KEROTEST FULL PORT, 3408	1 1/4"	99051211	PERFECTION 45172	EA	5		
G	179	POLYVALVE; KEROTEST FULL PORT, 3408	2"	99052011	PERFECTION 46001	EA	25		
G	180	POLYVALVE; KEROTEST FULL PORT, 3408	3'	99053011	PERFECTION 47016	EA	5		
G	181	POLYVALVE; KEROTEST FULL PORT, 3408	4"	99054011	PERFECTION 47010	EA	25		

GAS MATERIALS BID 2018-2019

GAS	ITEM #	DESCRIPTION	SIZE	APPROVED PART #	ALTERNATE PART #	UNIT	EST QTY FY 18/19	BIDDER	UNIT PRICE
G	182	POLYVALVE; KEROTEST FULL PORT, 3408	6"	99056011	PERFECTION 48000	EA	10		
		TRANSITION FITTINGS							
G	187	TRANSITION FITTING; STEEL - ELSTER PERFECTION	3/4" X 1/2"	700303		EA	5		
G	188	TRANSITION FITTING; STEEL - ELSTER PERFECTION	3/4" X 3/4"	700901		EA	5		
G	189	TRANSITION FITTING; STEEL - ELSTER PERFECTION	1" X 1"	701301		EA	5		
G	190	TRANSITION FITTING; STEEL - ELSTER PERFECTION	2" X 2"	702730		EA	5		
G	191	TRANSITION FITTING; STEEL - ELSTER PERFECTION	3" X 3"	702903		EA	5		
G	192	TRANSITION FITTING; STEEL - ELSTER PERFECTION	4" X 4"	703129		EA	5		
G	193	TRANSITION FITTING; STEEL - ELSTER PERFECTION	6" X 6"	704116		EA	5		
		HIGH PRESSURE STEEL REPAIR CLAMPS							
G	198	REPAIR CLAMP; PLIDCO HP SPLIT SLEEVE	3"	SSO-0300		EA	4		
G	199	REPAIR CLAMP; PLIDCO HP SPLIT SLEEVE	4"	SSO-0400		EA	4		
G	200	REPAIR CLAMP; PLIDCO HP SPLIT SLEEVE	6"	SSO-0600		EA	4		
G	201	REPAIR CLAMP; PLIDCO HP SPLIT SLEEVE	8"	SSO-0800		EA	4		
G	202	REPAIR CLAMP; PLIDCO HP SPLIT SLEEVE	12"	SSO-1200		EA	4		
		DRESSER COUPLINGS							
G	207	COUPLING; ARMORED COMPRESSION, DRESSER	3/4" X 6"	0900-0001-082		EA	10		
G	208	COUPLING; ARMORED COMPRESSION, DRESSER	1" X 6"	0090-0002-082		EA	10		
G	209	COUPLING; ARMORED COMPRESSION, DRESSER	1 1/4" X 6"	0090-0003-082		EA	10		
G	210	COUPLING; ARMORED COMPRESSION, DRESSER	1 1/2" X 6"	0090-0004-082		EA	10		
G	211	COUPLING; ARMORED COMPRESSION, DRESSER	2" X 6"	0090-0005-082		EA	10		
G	212	COUPLING; ARMORED COMPRESSION, DRESSER	3/4" X 12"	0090-0090-082		EA	10		
G	213	COUPLING; ARMORED COMPRESSION, DRESSER	1" X 12"	0090-0091-082		EA	10		
G	214	COUPLING; ARMORED COMPRESSION, DRESSER	1 1/4" X 12"	0090-0092-082		EA	10		
G	215	COUPLING; ARMORED COMPRESSION, DRESSER	1 1/2" X 12"	0090-0093-082		EA	10		
G	216	COUPLING; ARMORED COMPRESSION, DRESSER	2" X 12"	0090-0094-082		EA	10		
G	217	COUPLING; ARMORED COMPRESSION TEE, DRESSER	3/4"	0090-0710-082		EA	5		
G	218	COUPLING; ARMORED COMPRESSION TEE, DRESSER	1"	0090-0711-082		EA	5		
		WELD TAP TEES							
G	223	MUELLER WELD ON TAP	3/4"	H - 17500 3/4"		EA	10		
G	224	MUELLER WELD ON TAP	1"	H - 17500 1"		EA	10		
G	225	MUELLER WELD ON TAP	2"	H - 17500 2"		EA	10		
		VALVE BOXES							
G	230	TALL VALVE BOX WITH LIDS; SIGMA		562-S-G		EA	50		

GAS MATERIALS BID 2018-2019

GAS	ITEM #	DESCRIPTION	SIZE	APPROVED PART #	ALTERNATE PART #	UNIT	EST QTY FY 18/19	BIDDER	UNIT PRICE
G	231	SHORT VALVE BOX WITH LIDS; SIGMA		461-S-G		EA	50		
G	232	VALVE BOX EXTENSION; SIGMA	1"	VBR-1		EA	25		
G	233	VALVE BOX EXTENSION; SIGMA	1.5"	VBR 1.5		EA	25		
G	234	VALVE BOX EXTENSION; SIGMA	2"	VBR - 2		EA	30		
G	235	VALVE BOX EXTENSION; SIGMA	3"	VBR -3		EA	25		
G	236	VALVE BOX EXTENSION; SIGMA	4"	VBR - 4		EA	25		
G	237	VALVE BOX EXTENSION; SIGMA	6"	VBR - 6		EA	25		
		METAL INSERTS							
G	243	METAL STIFFNER INSERTS, ELSTER PERFECTION	3/4" X 6"	74201		EA	10		
G	244	METAL STIFFNER INSERTS, ELSTER PERFECTION	1" X 6"	74203		EA	10		
G	245	METAL STIFFNER INSERTS, ELSTER PERFECTION	1 1/4" x 6"	74204		EA	5		
G	246	METAL STIFFNER INSERTS, ELSTER PERFECTION	1 1/2" x 6"	74206		EA	10		
G	247	METAL STIFFNER INSERTS, ELSTER PERFECTION	2" X 6"	74205		EA	5		
G	248	METAL STIFFNER INSERTS, ELSTER PERFECTION	3" X 6"	74210		EA	5		
		MAGNESIUM ANODES							
G	253	ANODES, MAG	5#	ANODE - 5		EA	10		
G	254	ANODES, MAG	17#	ANODE - 7		EA	10		
		TRACER WIRE							
G	259	TRACER WIRE - 12 GAUGE COPPER (500' ROLLS)		KRIS-TECH WIRE CW0177500		FT	30000		
		ELECTROFUSION							
G	264	COUPLING; CENTRAL 2406	1" X 1"	5760006		EA	50		
G	265	COUPLING; CENTRAL 2406	2" X 2"	5760012		EA	20		
G	266	COUPLING; CENTRAL 2406	3"	5757007		EA	10		
G	267	COUPLING; CENTRAL 2406	4"	5757008		EA	20		
G	268	COUPLING; CENTRAL 2406	6"	5757009		EA	10		
G	269	COUPLING; CENTRAL-REDUCING 2406	1" X 3/4"	5757073		EA	200		
G	270	COUPLING; CENTRAL-REDUCING 2406	1" X 1/2"	5750081		EA	10		
G	271	COUPLING; CENTRAL-TAP TEE 2406	2" X 1"	5757150		EA	200		
G	272	COUPLING; CENTRAL- TAP TEE 2406	3" x 1"	5757151		EA	20		
G	273	COUPLING; CENTRAL-TAP TEE 2406	4" X 1"	5757152		EA	100		
G	274	COUPLING; CENTRAL-TAP TEE 2406	6" X 1"	5757153		EA	25		
G	275	COUPLING; CENTRAL-TAP TEE-HV 3408	2" X 2"	10004598		EA	20		
G	276	COUPLING; CENTRAL-TAP TEE HV 2406	2" x 2"	5757114		EA	20		
G	277	COUPLING; CENTRAL-TAP TEE-HV 2406	3" X 2"	10009496		EA	10		
G	278	COUPLING; CENTRAL-TAP TEE-HV 2406	4" X 2"	10009498		EA	10		
G	279	COUPLING; CENTRAL-TAP TEE-HV 2406	6" X 2"	10009500		EA	10		

GAS MATERIALS BID 2018-2019

GAS	ITEM #	DESCRIPTION	SIZE	APPROVED PART #	ALTERNATE PART #	UNIT	EST QTY FY 18/19	BIDDER	UNIT PRICE
		STAB FITTINGS							
G	284	COUPLING; PERFECTION STAB ELONGATED	2"	50330		EA	5		
G	285	COUPLING; PERFECTION STAB	3/4"	50030		EA	100		
G	286	COUPLING; PERFECTION STAB	1"	50601		EA	25		
G	287	COUPLING; PERFECTION STAB	1 1/4"	50031		EA	10		
G	288	COUPLING; PERFECTION STAB	2"	50314		EA	20		
G	289	PERFECTION STAB TEE	3/4"	50929		EA	20		
G	290	PERFECTION STAB TEE	1"	50634		EA	20		
G	291	PERFECTION STAB-TEE	2"	50316		EA	10		
G	292	PERFECTION STAB CAP	3/4"	50026		EA	25		
G	293	PERFECTION STAB-CAP	1"	51501		EA	25		
G	294	PERFECTION STAB CAP	2"	50317		EA	10		
		EXCESS FLOW VALVES							
G	299	EXCESS FLOW VALVE SDR 11 IPS DRISCO 8300	3/4"	UMAC INC D-41 OR DRESSER 480 TAP TEE		EA	275		
G	300	EXCESS FLOW VALVE SDR 11 IPS PLEXO 3408 SERIES 1800	1"	UMAC SERIES 1800 GREEN LABEL		EA	12		
G	301	EXCESS FLOW VALVE SDR 11 IPS PLEXO 3408 SERIES 2600	1"	UMAC SERIES 2600 PINK LABEL		EA	12		
TOTALS									

GAS METERS BID 2018-2019

GAS	ITEM #	DESCRIPTION	SIZE	APPROVED PART #	ALTERNATE PART #	UNIT	EST QTY FY 18/19	BIDDER	UNIT PRICE
		PREFABRICATED GAS ROTARY METER SETS							
G	7	METER SET; 3.5M ROTARY METER SET - WITHOUT METER/EVC	3.5M	FG-9026, 3.5M		EA	3		
G	8	METER SET; 5.5M ROTARY METER SET - WITHOUT METER/EVC	5.5M	FG-9026, 5.5M		EA	2		
G	9	METER SET; 9 M ROTARY METER SET - WITHOUT METER/EVC	9M	FG-9026, 9M		EA	1		
G	10	METER SET; 14 M ROTARY METER SET - WITHOUT METER/EVC	14M	FG-9026, 14M		EA	1		
		DIAPHRAM GAS METERS							
G	15	METERS, AC 250 TC; ELSTER/AMERICAN - 5# CASE, 4 DIGIT ODM. INDEX; 20LT	AC 250	AC 250 TC		EA	192		
G	16	METERS, AL 425 TC; ELSTER/AMERICAN - 10# CASE, 4 DIGIT ODM.INDEX; 30LT	AL 425	AL 425 TC		EA	30		
G	17	METERS, AC 630 TC; ELSTER/AMERICAN - 25# CASE, 4 DIGIT ODM. INDEX; 45 LT	AC 630	AC 630 TC		EA	12		
G	18	METERS, AL 800 TC; ELSTER/AMERICAN - 20# CASE, 5 DIGIT ODM. INDEX; 45 LT	AL 800	AL 800 TC		EA	4		
G	19	METERS, AL 1000 TC; ELSTER AMERICAN - 25# CASE, 5 DIGIT ODM. INDEX; 45 LT	AL 1000	AL 1000 TC		EA	2		
G	20	METERS, AL 1400 TC; ELSTER/AMERICAN - 100# CASE, 5 DIGIT ODM. INDEX; 2" NPT	AL 1400	AL1400 TC		EA	1		
G	21	METERS, AL 2300 TC; ELSTER/AMERICAN - 100# CASE, 5 DIGIT ODM. INDEX; 4" NPT	AL 2300	AL 2300 TC		EA	1		
G	22	METERS, AL 5000 TC; ELSTER/AMERICAN - 100# CASE, 5 DIGIT ODM. INDEX; 4" NPT	AL 5000	AL5000 TC		EA	1		
		*AC 250 TC METERS (SMYRNA PROVIDES AMR, PRICE W/INSTALLATION)							
		ROTARY GAS METERS							
G	23	3.5M RABO ROTARY METER, 5 DIGIT CCF INDEX, PULSE CABLE, THERMO-WELL	3.5M	G65		EA	3		
G	24	5.5M RABO ROTARY METER, 5 DIGIT CCF INDEX, PULSE CABLE, THERMO-WELL	5.5M	G100		EA	2		
G	25	9 M RABO ROTARY METER, 5 DIGIT CCF INDEX, PULSE CABLE, THERMO-WELL	9M	G160		EA	1		
G	26	14 M RABO ROTARY METER, 5 DIGIT CCF INDEX, PULSE CABLE, THERMO-WELL	14M	G250		EA	1		
		TURBINE GAS METERS							
G	27	METER, SENSUS T-18	4"	T-18		EA	1		
G	28	METER, SENSUS AAT -18	4"	AAT - 18		EA	1		
G	29	METER, SENSUS AAT - 27	6"	AAT - 27		EA	1		
G	30	METER, SENSUS AAT - 57	6"	ATT-57		EA	1		
G	31	METER, AMERICAN GTS-4", 175#, 45 DEG PLAST ROTOR,	4"	AMERICAN GTS 4		EA	1		
G	32	METER, AMERICAN GTS-6", 720#, 45 DEG METAL ROTOR,	6"	AMERICAN GTS 6		EA	1		
G	33	METER, AMERICAN GTS-8", 720#, 45 DEG METAL ROTOR,	8"	AMERICAN GTS 8		EA	1		
		ELECTRONIC CORRECTORS							
G	37	HONEYWELL EC-350 CORRECTOR W/10' DRIVE, 0-60PSI PRESSURE & TEMP		EC350-C08-00200000-A-B15110-A1-MW,N3-200			1		
G	38	HONEYWELL EC-350 CORRECTOR W/100' DRIVE, 0-300PSI PRESSURE & TEMP		EC350-E08-00200000-A-B15110-A1-MW,N3-200			12		
G	39	HONEYWELL TC-INDEX, FOR AMCO C-BODY ROTARY METERS		TCIAMC-BD-B1A-FAFA-BA-AA0AEBAA0A-0000-00			1		
G	40	HONEYWELL TC-INDEX, FOR ROOTS B3 & ROMET 3000 ROTARY METERS		TCIDB3-BD-B2A-FAFA-BA-AA0AEBAA0A-0000-00			1		
G	41	HONEYWELL TC-INDEX, FOR ROOTS B5 & ROMET 5000 ROTARY METERS		TCIRMT-BD-B2A-FAFA-BA-AA0AEBAA0A-0000-00			1		
G	42	HONEYWELL TC-INDEX, FOR RABO ROTARY METERS		N/A			1		
G	43	HONEYWELL TURBO CORRECTOR		SCMB-AAAA-AKABO-00A00-A6AAB7-AFAGA-BAC0E-000-000-00000-C2			1		
		METER BARS							
G	44	1" METER BARS FG 8006; ADVANCED ENGINEERING	1"	ADVANCED ENG. FG 8006		EA	192		
G	45	METER BAR - LONG SIDE; ADVANCED ENGINEERING	30 LT.	ADVANCED ENG. FG 3911-4		EA	2		
G	46	METER BAR - SHORT SIDE; ADVANCED ENGINEERING	30 LT.	ADVANCED ENG. FG 3911-5		EA	2		

GAS METERS BID 2018-2019

G	47	METER BAR - LONG SIDE; ADVANCED ENGINEERING	45 LT.	ADVANCED ENG. FG 3911	EA	2	
G	48	METER BAR - SHORT SIDE; ADVANCED ENGINEERING	45 LT.	ADVANCED ENG. FG 3911-1	EA	2	
G	49	METER BARS - TEES; MUELLER		MUELLER 730515	EA	2	
G	50	METER BAR - METER BYPASS FOR AL-800 OR AL-1000 - 45 LT	45LT	ADVANCED ENG. FG 6939-1	EA	4	
G	51	METER BAR - METER BYPASS FOR AC-630 - 45 LT	45LT	ADVANCED ENG. FG639-45LT	EA	2	
G	52	METER BAR - METER BYPASS FOR AL-425 - 30 LT	30LT	ADVANCED ENG. FG 6939	EA	2	
		METER MANIFOLDS					
G	54	METER BAR - TWO METER MANIFOLD; ADVANCED ENGINEERING		ADVANCED ENG. FG 3911-4	EA	1	
	55	METER BAR - THREE METER MANIFOLD; ADVANCED ENGINEERING		ADVANCED ENG. FG 6320-3	EA	1	
G	56	METER BAR - FOUR METER MANIFOLD; ADVANCED ENGINEERING		ADVANCED ENG. FG 6320-4	EA	1	
G	57	METER BAR - FIVE METER MANIFOLD; ADVANCED ENGINEERING		ADVANCED ENG. FG 6320-5	EA	1	
G	58	METER BAR - SIX METER MANIFOLD; ADVANCED ENGINEERING		ADVANCED ENG. FG 6320-6	EA	1	
G							
G		RESIDENTIAL REGULATORS					
	63	REGULATOR; AMERICAN	3/4" X 1"	1813C	EA	192	
	64	REGULATOR; AMERICAN	1" x 1"	1813C	EA	50	
G							
G		COMMERCIAL REGULATORS					
	68	REGULATOR; FISHER	2"	299H	EA	5	
	69	REGULATOR; FISHER	2"	CS 400	EA	4	
	70	REGULATOR; FISHER	2"	CS800	EA	5	
G	71	REGULATOR; AMERICAN	2"	AMERICAN 1813B	EA	4	
G							
		FARM TAP REGULATORS/RELIEFS					
	75	REGULATOR, RELIEF; FISHER	3/4"	627R-101	EA	1	
	76	REGULATOR; FARM TAP; FISHER	1"	289H-49	EA	1	
G							
G		ORION MODULES					
	81	Orion Remote External Pulsar (used w/ Mercury TCI)			EA	10	
	82	Orion Residential gas transmitter w/ data profile AC 25C			EA	250	
G	83	Orion Integral Transmitter for Sensus 750-10,000 or Equimeter 750-3000 gas meter			EA	10	
G	84	Orion Integral Transmitter for American AL800-5,000 gas meter:			EA	10	
G							
G							

SEWER MATERIALS BID 2018-19

S	ITEM #	DESCRIPTION	SIZE	APPROVED PART #	ALTERNATE PART #	UNIT	EST. QTY. FY 18/19	BIDDER	UNIT PRICE
		RECLAIMED: METER BOXES and ACCESSORIES							
S	48	LARGE PURPLE BOX W/ LID MARKED "RECLAIMED WATER"; CARSON		17301091	n/a	EA	5		
S	49	SMALL PURPLE BOX W/ LID MARKED "RECLAIMED WATER"; CARSON		13241086	n/a	EA	5		
S	50	LARGE PURPLE LID MARKED "RECLAIMED WATER"; CARSON		17304058	n/a	EA	5		
S	51	SMALL PURPLE LID MARKED "RECLAIMED WATER"; CARSON		13244112	n/a	EA	5		
S	52	REPURIFIED PURPLE TAPE 500ft/roll		67TO3D1000PRW	n/a	EA	5		
S	53	RECLAIMED WATER SQUARE VALVE BOX CASTING & LID		JBS 8006		EA	5		
S	54	SEWER SQUARE CLEANOUT CASTING & LID		JBS 8006		EA	5		
		MANHOLES							
S	59	MANHOLE CASTING/LID; JBS	26"			EA	2		
S	60	CONCRETE MANHOLE RISER	2"			EA	5		
S	61	CONCRETE MANHOLE RISER	4"			EA	5		
S	62	CONCRETE MANHOLE RISER	6"			EA	5		
S	63	CONCRETE MANHOLE RISER	12"			EA	5		
S	64	CONCRETE MANHOLE RISER	18"			EA	5		
		PIPE							
S	69	PEX REUSE	3/4"			FT	500		
S	70	PEX REUSE	1"			FT	300		
S	71	CTS ROLL REUSE PIPE (100' ROLLS)	2"			FT	500		
s	72	CTS ROLL REUSE PIPE (500' ROLLS)	2"			FT	500		
S	73	SEWER PIPE SCH 40	4"			FT	500		
S	74	C-900 REUSE WATER PIPE	4"			FT	50		
S	75	C-900 PURPLE PIPE	6"			FT	100		
S	76	SDR 11 REUSE WATER PIPE	6"			FT	300		
S	77	SDR 21 SEWER PIPE	6"			FT	100		
S	78	SDR 26 SEWER PIPE	6"			FT	100		
S	79	SDR 35 SEWER PIPE	6"			FT	250		
S	80	CL 52 DUCTILE IRON SEWER PIPE	8"			FT	50		
S	81	C900 REUSE WATER PIPE	8"			FT	100		
S	82	SDR 21 SEWER PIPE	8"			FT	100		
S	83	SDR 26 SEWER PIPE	8"			FT	100		
S	84	SDR 35 SEWER PIPE	8"			FT	100		
S	85	SDR 35 SEWER PIPE	10"			FT	100		
S	86	C900 REUSE WATER PIPE	12"			FT	100		
S	87	SDR 35 SEWER PIPE	12"			FT	100		
S	88	SDR9 DIPS HDPE PIPE (RE-USE)	6"			FT	100		
S	89	SDR9 DIPS HDPE PIPE (RE-USE)	8"			FT	100		
S	90	SDR9 HDPE ADAPTOR W/STIFFENER + LIT	6"			EA	100		
S	91	SDR9 HDPE ADAPTOR W/STIFFENER + LIT	8"			EA	100		
	92	CL 52 DUCTILE IRON SEWER PIPE	20"			EA	20		

SEWER MATERIALS BID 2018-19

		REPAIR CLAMPS							
S	96	SEWER REPAIR CLAMP;JCM	8" x 12" LONG (8.20-8.60)	101-0840-12		EA	2		
S	97	SEWER REPAIR CLAMP; ROMAC	12" (12.10 - 12.50)	171-125012000		EA	2		
		TAPPING SADDLES							
S	102	ROMAC SEWER TAPPING SADDLE	(8.00-14.40)	218-66640		EA	2		
		FITTINGS							
S	107	BRASS CLEAN-OUT CAP; MATCO-NORCA	3"			EA	2		
S	108	BRASS CLEAN-OUT CAP; MATCO-NORCA	3.5"			EA	2		
S	109	GLUE MALE SPICKET/FEMALE PIPE THREAD ADAPTOR	4"			EA	5		
S	110	BRASS CLEAN-OUT CAP; MATCO-NORCA	4"	10082647091488		EA	15		
S	111	PLASTIC CLEAN-OUT CAP	4"			EA	5		
S	112	GLUE FEMALE ADAPTOR; MULTI FITTINGS	4"			EA	15		
S	114	GLUE LONG SWEEP TEE WYE; CHARLOTTE	4"	6 11 942 03564 9		EA	15		
S	115	GLUE 45° FEMALE COUPLING; LASCO	4"	10 02552871829 6		EA	5		
S	116	GLUE COUPLING; GPK	4"			EA	10		
S	117	GLUE 22° FEMALE COUPLING; LASCO	4"			EA	5		
S	118	BRASS CLEAN-OUT CAP; MATCO-NORCA	5"			EA	2		
S	119	QUICK CAP	6"			EA	2		
S	120	GLUE FEMALE ADAPTOR	6"			EA	15		
S	121	CAST IRON CLEAN OUT ADAPTOR; PLUMBEST	6"	C37-006		EA	20		
S	122	BRASS CLEAN-OUT CAP; MATCO-NORCA	6"			EA	20		
S	123	PLASTIC CLEAN-OUT CAP/MALE ADAPTOR	6"			EA	2		
S	124	GLUE COUPLING; GPK	6"			EA	10		
S	125	GLUE 45° WYE; MULTI FITTINGS	6"	22454 40306		EA	20		
S	126	GLUE 22° FEMALE COUPLING; MULTI FITTINGS	6"	22434 40969		EA	5		
S	127	GLUE 22° MALE/FEMALE COUPLING; GPK	6"			EA	5		
S	128	GLUE 45° MALE/FEMALE COUPLING; MULTI FITTINGS	6"	22454 40406		EA	10		
S	129	GLUE 45 DEGREE/FEMALE COUPLING; MULTI FITTINGS	6"	22454 40506		EA	5		
S	130	SPIGOT x HUB SDR 35 x SCH 40	6" X 4"			EA	5		
		GASKET COUPLINGS							
S	135	GASKET COUPLING; MULTI FITTINGS	6"			EA	2		
S	136	GASKET 22° COUPLING; HARCO	6"			EA	2		
S	137	GASKET 45° COUPLING; HARCO	6"			EA	2		
S	138	GASKET 45° MALE/FEMALE; MULTI FITTINGS	6"			EA	2		
S	139	GASKET COUPLING; GPK	8"			EA	2		
S	140	GASKET 45° COUPLING; PLASTIC TRENDS	8"			EA	2		
S	141	GASKET 22° COUPLING; MULTI FITTINGS	8"			EA	2		
S	142	WYE GASKET	8" X 6"			EA	2		
S	143	TEE GASKET; HARCO	8" X 8"			EA	2		

WATER MATERIALS BID 2018-2019

WATER	ITEM #	DESCRIPTION	SIZE	APPROVED PART #	ALTERNATE PART #	UNIT	EST. QTY. FY 18/19	BIDDER	UNIT PRICE
		METER YOKES/ACCESSORIES							
W	1	METER RETROSETTER W/ 360° LOCKWING & DC; MUELLER (FORD NOT ACC)	5/8" X 3/4"	203B2446R5N	n/a	EA	200		
W	2	METER RISER; RELOCATOR W/ 360° LOCKWING & DC; MUELLER	5/8" X 3/4" X 7"	234B24118R5N	n/a	EA	12		
W	3	METER RISER; RELOCATOR W/ 360° LOCKWING & DC; MUELLER	5/8" X 3/4" X 12"	238B24118R5N	n/a	EA	10		
W	4	METER RISER RELOCATOR W/ 360° LOCKWING & DC; MUELLER	1" X 10"	389B24118R5N	n/a	EA	10		
W	5	METER RISER; RELOCATOR W/ 360° LOCKWING & DC; MUELLER	1.5" X 14"	063B2424--5N	n/a	EA	6		
W	6	METER RISER; RELOCATOR W/ 360° LOCKWING & DC; MUELLER	2" X 14"	087B2424--5N	n/a	EA	10		
W	7	METER RISER; RELOCATOR W/360° LOCKWING & DC; FORD W/BYPASS	2" X 14"	1-VBHH47-14B-NL	n/a	EA	2		
W	9	METER SWIVEL 2.5L; FORD	5/8" X 3/4" X 3/4"x 2.5" LONG	C38-23-2.5-NL	MUELLER H-10890N	EA	50		
W	10	METER SWIVEL COUPLING ; FORD	5/8" x 3/4" x 3/4" x 2.25" LONG	C38-23-2.25-NL	MUELLER H-10890026				
W	11	METER SWIVEL COUPLING STRAIGHT; FORD	1"	C38-44-2-625-NL	MUELLER H-10890	EA	20		
W	12	FLANGE PAK FOR METER - BRASS	1.5"	4415FSC	or equal	EA	8		
W	13	FLANGE PAK FOR METER - BRASS	2"	4420FSC	or equal	EA	10		
W	14	A-24 METER ADAPTOR; FORD	5/8" x 3/4" to 1"	A24-NL	or equal	EA	24		
W	15	A-47 FLANGED METER ADAPTOR; FORD	1" TO 2"	A47-NL	or equal	EA	6		
W	16	A-67 FLANGED METER ADAPTOR; FORD	1.5" TO 2"	A67-NL	or equal	EA	6		
W	17	REGULATOR; WATTS	3/4"	LF25AUB-Z3		EA	4		
W	18	REGULATOR; WATTS	1"	1LF25AUB-Z3		EA	4		
W	19	REGULATOR; ZURN WILKINS	3/4"	MODEL 70XL		EA	2		
WATER	ITEM #	DESCRIPTION	SIZE	APPROVED PART #	ALTERNATE PART #	UNIT	EST. QTY.	BIDDER	UNIT PRICE
		METERS AND PARTS							
W	24	METER CIB/HRE/USG W/ ORION TRANSMITTER W/ DATA PROFILE; BADGE	5/8" X 3/4"	ODEL 25LL (NSF 61-G MT	n/a	EA	200		
W	25	METER CIB/HRE/USG W/ ORION TRANSMITTER W/ DATA PROFILE; BADGE	1"	ODEL 70 LL (NSF 61-G MT	n/a	EA	8		
W	26	METER ELLIPTICALW/T. PLUG HRE/USG W/ ORION TRANSMITTER W/ D. P.	1.5"	ODEL 120 LL (NSF 61-G-M	n/a	EA	6		
W	27	METER ELLIPTICALW/T. PLUG HRE/USG W/ ORION TRANSMITTER W/ D. P.	2"	ODEL 170 LL (NSF 61- G-M	n/a	EA	6		
W	28	METER BOTTOMS FOR BADGER METER; BADGER	5/8" X 3/4"	57799 - 001	n/a	EA	25		
W	29	METER BOTTOMS FOR BADGER METER	1"	59293 - 002	n/a	EA	10		
W	33	GASKET BLACK RUBBER - DROP IN; DAKE-GRAND HAVEN	1.5" X 1/8"	4194G	or equal	EA	24		
W	34	GASKET BLACK RUBBER - DROP IN; DAKE-GRAND HAVEN	2" X 1/8"	4195G	or equal	EA	24		
W	35	HEAD GASKET for M120 BADGER METER	1.5"	62171-001	n/a	EA	6		
W	36	HEAD GASKET for M170 BADGER METER	2"	59722-001	n/a	EA	6		
W	37	CHAMBER for M70 BADGER METER	1"	33334-032	n/a	EA	6		
W	38	CHAMBER for M120 BADGER METER	1.5"	33334-017	n/a	EA	6		
W	39	CHAMBER forM170 BADGER METER	2"	33334-029	n/a	EA	6		
W	40	RETROFIT REGISTER w/ ORION AMR; BADGER	5/8" X 3/4"	M25/RETRO/RT	n/a	EA	24		
W	41	RETROFIT REGISTER w/ ORION AMR; BADGER	1"	M70/RETRO/RT	n/a	EA	24		
W	42	RETROFIT REGISTER w/ ORION AMR; BADGER	1.5"	M120/RETRO/RT	n/a	EA	8		
W	43	RETROFIT REGISTER w/ ORION AMR; BADGER	2"	M170/RETRO/RT	n/a	EA	10		
		OCTAVE METERS AND PARTS							
W	43A	ORION UNIVERSAL ENCODER TRANSMITTER W/NICOR CONNECTOR	OCTAVE UNIVERSAL		n/a	EA	6		
W	44	OCTAVE METER W/ ENCODER MODULE & NICOR CONNECTOR 5'	2" X 10"	0301-D1-A05-SS	n/a	EA	2		
W	44A	OCTAVE METER W/ ENCODER MODULE & NICOR CONNECTOR 5'	2" x 17"	0301-D4-A05 SS	n/a	EA	2		

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W	45	OCTAVE METER W/ ENCODER MODULE & NICOR CONNECTOR 5'	3"X 12"	0303-D1-A05-SS	n/a	EA	1		
W	46	OCTAVE METER W/ ENCODER MODULE & NICOR CONNECTOR 5'	4" X 14"	0304-D1-A05 SS	n/a	EA	1		
W	47	OCTAVE METER W/ ENCODER MODULE & NICOR CONNECTOR 5'	6" X 18"	0305-D1-A05 SS	n/a	EA	1		
WATER	ITEM #	DESCRIPTION	SIZE	APPROVED PART #	ALTERNATE PART #	UNIT	EST. QTY.	BIDDER	UNIT PRICE
		METER BOXES: DOMESTIC							
W	48	1324 - 18XL METER BOX W/ D.I COVER & MAX VIEW DOOR; CARSON MSB	5/8" x 3/4" meters	1324-18XL	Sigma RMB-132418-SW	EA	50		
W	49	1730 - 18XL METER BOX W/ D.I. COVER & MAX VIEW DOOR; CARSON MSB	1" - 2" meters	1730-18XL	Sigma RMB-173018-SW	EA	25		
W	52	D.I. COVER W/ D.I. READER FOR CARSON BOX # 1324		1324-R-DI	n/a	EA	10		
W	53	D.I. COVER W/ D.I. READER FOR CARSON BOX # 1730		1730-R-DI	n/a	EA	6		
W	54	DI COVER W/ READER FOR BROOKS 36H15 METER BOX		SIGMA RUSSELL 291-OL		EA	6		
W	55	2 PC COVER FOR BROOKS 65H15 LARGE CONCRETE METER BOX (LID ONLY)		BROOKS 65TLD		EA	6		
WATER	ITEM #	DESCRIPTION	SIZE	APPROVED PART #	ALTERNATE PART #	UNIT	EST. QTY.	BIDDER	UNIT PRICE
		BRASS FITTINGS							
W	59	BRASS REDUCTION COUPLING	2" X 1.5"	B-RC0807		EA	2		
W	60	ROUGH BRASS 45° COUPLING	1.5"	BR4L		EA	2		
W	61	ROUGH BRASS 90° COUPLING	1.5"	BR9L		EA	2		
W	64	FEMALE THREAD BALL VALVE; FORD	3/4"	B11-233W-NL		EA	3		
W	65	BRASS TEE	2"x2"x2"	NSF61-4		EA	4		
W	66	BRASS THREADED 90°; MATCO	2"	NSF61-4		EA	10		
W	67	BRASS THREADED STREET 90°; MATCO	2"	NSF61-4		EA	6		
W	68	THREADED COUPLING; MATCO	2"	NSF61-4		EA	6		
W	69	BRASS ALL-THREAD	1.5"			EA	2		
W	70	BRASS NIPPLE	1.5" X 6"	BRNLU		EA	2		
W	71	BRASS ALL THREAD; MATCO--NORCA	2"	NBR08CL		EA	20		
W	72	BRASS NIPPLE; MATCO-NORCA	2" X 6" LONG	NBR086		EA	10		
W	73	BRASS NIPPLE; BMI	2" X 12" LONG	7 77701049941		EA	6		
W	74	BRASS NIPPLE	2" X 18" LONG			EA	6		
W	75	BRASS NIPPLE	2" X 24" LONG			EA	6		
W	76	CHECK VALVES; RED & WHITE	1.5"	236AB 1 1/2		EA	4		
W	77	CHECK VALVE; RED & WHITE	2"	236AB 2		EA	4		
W	78	RED & WHITE GATE VALVE	2"	FIG 206AB		EA	5		
WATER	ITEM #	DESCRIPTION	SIZE	APPROVED PART #	ALTERNATE PART #	UNIT	EST. QTY.	BIDDER	UNIT PRICE
		COMPRESSION FITTINGS							
W	82	COUPLING; FMLIP; FORD	FMLIP 3/4" X 3/4" CTS	C14-33-Q-NL		EA	5		
W	83	COUPLING; FORD	3/4" CTS X 3/4" CTS	C44-33-Q-NL		EA	30		
W	84	COUPLING; FORD	3/4" CTS PAK X 3/4" IP MALE	C84-33-Q-NL		EA	5		
W	85	COUPLING; FORD	3/4" CTS PACK X 1" CTS PACK	C44-34-Q-NL		EA	30		
W	86	COUPLING; FMLIP; FORD	FMLIP 1" X 1" CTS	C14-44-Q-NL		EA	15		
W	87	COUPLING; FORD	1" CTS X 1" CTS	C44-44-Q-NL		EA	25		
W	88	COUPLING; FORD	1" CTS X 1" I.P. MALE	C84-44-Q-NL		EA	6		
W	89	COUPLING; FORD	2" CTS X 2" CTS JOINT PK	C44-77-Q-NL		EA	6		

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W	90	2" CTS X 2" IRON PIPE THREAD; FORD	2" CTS X 2" IRON PIPE THREAD	C84-77-Q-NL		EA	6		
W	91	COUPLING; T'S ; MUELLER	3/4" X 3/4" X 3/4" CTS	3907H15381N		EA	20		
W	92	COUPLING; T'S ; MUELLER	3/4" X 3/4" X 1" CTS	390710H15381N		EA	10		
W	93	COUPLING; T'S; FORD	1" X 1" X 3/4"	T444-443-AWT-Q-NL		EA	5		
W	94	COUPLING; T'S; FORD	1" X 1" X 1" CTS PAK JOINT	T444-444-Q-NL		EA	5		
W	95	BALL VALVE; FORD	3/4"	B44-233W-Q-NL		EA	20		
W	96	BALL VALVE; FORD	1"	B44-344W-Q-NL		EA	20		
W	97	COUPLING; "Y"; FORD	3/4" X 3/4" X 1" CTS	Y44-243-Q-NL		EA	25		
W	98	90° COUPLING; FORD	3/4"	L44-33-Q-NL		EA	5		
W	99	90° COUPLING; FORD	1"	L44-44-Q-NL		EA	5		
W	100	Q -NUT ASSEMBLY	3/4"	QJN4-3		EA	20		
W	101	Q-NUT ASSEMBLY	1"	QJN4-4		EA	20		
W	102	FEMALE COPPER THREAD GRIP JOINT; FORD	3/4" X 3/4" CTS	C04-33-Q-NL		EA	5		
W	103	FEMALE COPPER THREAD GRIP JOINT; FORD	1" X 1" CTS	C04-44-Q-NL		EA	5		
W	104	PAK J ASSEMBLY; FORD	1" FEMALE X 3/4" CTS	C08-43-NL		EA	5		
W	105	COUPLING SWIVEL 22 DEGREE; FORD	3/4"X3/4"	LA04-33S-G-NL		EA	5		
W	106	COUPLING SWIVEL 22 DEGREE; FORD	1"X1"	LA04-44S-G-NL		EA	5		
W	107	COUPLING SWIVEL 45 DEGREE; FORD	3/4"X3/4"	L04-33S-G-NL		EA	5		
W	108	COUPLING SWIVEL 45 DEGREE; FORD	1"X1"	L04-44S-G-NL		EA	5		
WATER	ITEM #	DESCRIPTION	SIZE	APPROVED PART #	ALTERNATE PART #	UNIT	EST. QTY.	BIDDER	UNIT PRICE
		CURB STOPS							
W	113	CURB STOP W/360 DEGREE LOCKING WINGNUT; MUELLER	3/4"	B43-232W-R-Q-NL		EA	200		
W	114	CURB STOP W/360 DEGREE LOCKING WINGNUT; MUELLER	1"	B-24350R-3		EA	25		
W	115	BALL VALVE PAD WING/CURB STOP; FORD	1.5"	BF13-666W-NL		EA	4		
W	116	BALL VALVE PAD WING/CURB STOP; FORD	2"	BF13-777W-NL		EA	4		
W	117	BALL VALVE PAD WING W/COMPRESSION FITTING; FORD	2"	BF43-777W-Q-NL		EA	6		
WATER	ITEM #	DESCRIPTION	SIZE	APPROVED PART #	ALTERNATE PART #	UNIT	EST. QTY.	BIDDER	UNIT PRICE
		CORP STOPS							
W	122	CORPORATION STOP; FORD	3/4" TAPER X 3/4" CTS	F1000-3-Q-NL		EA	10		
W	123	CORPORATION STOP; FORD	1" CC TAPER x 1"CTS	F1000-4-Q-NL		EA	20		
W	124	CORPORATION STOP, IRON PIPE THREADS; FORD	1"	F1100-4-Q-NL		EA	5		
WATER	ITEM #	DESCRIPTION	SIZE	APPROVED PART #	ALTERNATE PART #	UNIT	EST. QTY.	BIDDER	UNIT PRICE
		COPPER							
W	129	SOLDER COUPLING TO FEMALE THREAD	1"			EA	4		
W	130	SOLDER COUPLING TO MALE THREAD	1"			EA	4		
W	131	COPPER REDUCTION COUPLING	2" X 1.5"	2X112CSC		EA	4		
W	132	COPPER 45° COUPLING	1.5"	112CS45		EA	4		
W	133	COPPER 90° COUPLING	1.5"	112CS90		EA	4		
W	134	COPPER COUPLING	1.5"	2X112CSC		EA	4		
W	135	SOLDER COUPLING	2" TO 1"			EA	6		
W	136	SOLDER COUPLING TO FEMALE THREAD	2"			EA	6		
W	137	COUPLING SOLDER TO MALE ADAPTER	2"			EA	10		

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WATER	ITEM #	DESCRIPTION	SIZE	APPROVED PART #	ALTERNATE PART #	UNIT	EST. QTY.	BIDDER	UNIT PRICE
		REPAIR CLAMPS							
W	188	REPAIR CLAMP; SMITH BLAIR	3/4" X 6" FL CIR			EA	2		
W	189	REPAIR CLAMP; SMITH BLAIR	1" X 6" FL CIR (PVC)	244-00013206-000		EA	4		
W	190	REPAIR CLAMP; SMITH BLAIR	1-1/4" X 6"	244-00016609-000		EA	6		
W	191	REPAIR CLAMP; SMITH BLAIR	1.5" X 6" FL CIR (PVC)	244-00019006-000		EA	6		
W	192	REPAIR CLAMP; SMITH BLAIR	2" X 7" FL CIR (2.35-2.63)	226-00023807-000		EA	8		
W	193	REPAIR CLAMP; SMITH BLAIR	2.5" X 7" FL CIR (2.70-3.00)	226-00027507-000		EA	6		
W	194	REPAIR CLAMP; SMITH BLAIR	2" X 12.5" FL CIR (2.35-2.63)	226-00023812-000		EA	2		
W	195	REPAIR CLAMP; SMITH BLAIR	2.5" X 12" FL CIR (2.70-3.00)	226-00027512-000		EA	2		
W	196	REPAIR CLAMP; SMITH BLAIR	2" X 15" (2.35-2.63)	226-00023815-000		EA	2		
W	197	REPAIR CLAMP; SMITH BLAIR	2" X 25" (2.35-2.63)	226-00023825-000		EA	2		
W	198	REPAIR CLAMP; SMITH BLAIR	2.25" X 25" (2.70-3.00)	226-00027525-000		EA	2		
W	199	REPAIR CLAMP; SMITH BLAIR	3" X 7.5" FL CIR (3.73-4.00)	226-00037507-000		EA	2		
W	200	REPAIR CLAMP; SMITH BLAIR	3" X 12" FL CIR (3.46-3.70)	226-00035012-000		EA	2		
W	201	REPAIR CLAMP; SMITH BLAIR	4" X 7.5" FL CIR (3.96-4.25)	226-00040007-000		EA	2		
W	202	REPAIR CLAMP; SMITH BLAIR	4" X 7.5" FL CIR (4.45-4.73)	226-00045007-000		EA	2		
W	203	REPAIR CLAMP; SMITH BLAIR	4" X 7.5" FL CIR (4.74-5.14)	226-00048007-000		EA	6		
W	204	REPAIR CLAMP; SMITH BLAIR	4 X 12.5" FL CIR (4.74-5.14)	226-00048012-000		EA	2		
W	205	REPAIR CLAMP; SMITH BLAIR	4 X 15" FL CIR (PVC) (4.74-5.14)	226-00048015-000		EA	2		
W	207	REPAIR CLAMP; SMITH BLAIR	6" X 7" FL CIR (6.84-7.24)	226-00069007-000		EA	10		
W	208	REPAIR CLAMP; SMITH BLAIR	6" X 7.5" FL CIR (6.56-6.96)	226-00066307-000		EA	4		
W	209	REPAIR CLAMP; SMITH BLAIR	6" X 7.5" (7.05-7.45)	226-00071007-000		EA	2		
W	210	REPAIR CLAMP; SMITH BLAIR	6" X 12" FL CIR (6.56-6.96)	226-00066312-000		EA	2		
W	211	REPAIR CLAMP; SMITH BLAIR	6" X 12" FL CIR (6.84-7.24)	226-00069012-000		EA	4		
W	212	REPAIR CLAMP; SMITH BLAIR	6" X 12.5" (7.05-7.45)	226-00071012-000		EA	2		
W	213	REPAIR CLAMP; SMITH BLAIR	6" X 15" FL CIR (6.56-6.96)	226-00066315-000		EA	2		
W	214	REPAIR CLAMP; SMITH BLAIR	6" X 15" (6.84-7.24)	226-00069015-000		EA	2		
W	215	REPAIR CLAMP; SMITH BLAIR	6" X 15" (7.05-7.45)	226-00071015-000		EA	2		
W	217	REPAIR CLAMP; SMITH BLAIR	8" X 7" FL CIR (8.54-8.94)	226-00086307-000		EA	4		
W	218	REPAIR CLAMP; SMITH BLAIR	8" X 7" FL CIR (8.99-9.39)	226-00090507-000		EA	10		
W	219	REPAIR CLAMP; SMITH BLAIR	8" X 12" FL CIR (8.99-9.39, DIP)	226-00090512-000		EA	2		
W	220	REPAIR CLAMP; SMITH BLAIR	8" X 15" (8.54-8.94)	226-00086315-000		EA	2		
W	221	REPAIR CLAMP; SMITH BLAIR	8" X 15" (8.99-9.39)	226-00090515-000		EA	2		
W	222	REPAIR CLAMP; SMITH BLAIR	10" X 12" FL CIR (DIP) (11.04-11.44)	226-00111012-000		EA	2		
W	223	REPAIR CLAMP; SMITH BLAIR	10" X 15" FL CIR (DIP) (11.34-74)	226-00114015-000		EA	2		
W	224	REPAIR CLAMP; SMITH BLAIR	12" X 7" FL CIR (13.10-13.50)	226-00132007-000		EA	2		
W	225	REPAIR CLAMP; SMITH BLAIR	12" X 12" FL CIR (DIP) (13.10-13.50)	226-00132012-000		EA	2		
W	226	REPAIR CLAMP; SMITH BLAIR	12' X 15' FL CIR (DIP) (13.10 - 13.50)	226-00132015-000		EA	2		
W	227	REPAIR CLAMP; FORD	16" X 15" (17.15-17.90)	F2-1790-15		EA	2		
W	228	REPAIR CLAMP; FORD	16" X 15" FL CIR (17.82-18.57)	F2-1857-15		EA	2		
W	229	REPAIR CLAMP; FORD	16" X 20" FL CIR (17.82-18.57)	F2-1857X20		EA	2		
W	230	REPAIR CLAMP; ROMAC	16" X 35" (17.10-18.30)	173-183030-000		EA	2		
W	231	REPAIR CLAMP; SMITH BLAIR	18" X 20" FL CIR (19.23-19.98)	228-20192320-000		EA	2		

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W	232	REPAIR CLAMP; SMITH BLAIR	20" X 20" (21.52-22.27)	228-20215220-000		EA	2		
W	233	REPAIR CLAMP; SMITH BLAIR	20" X 20" FL CIR (25.66-26.46)			EA	2		
W	234	REPAIR CLAMP; SMITH BLAIR	24" X 20" FL CIR (25.70-26.80)	228-30257020-000		EA	2		
W	235	REPAIR CLAMP; SMITH BLAIR	24" X 25" (25.70-26.80)			EA	2		
WATER	ITEM #	DESCRIPTION	SIZE	APPROVED PART #	ALTERNATE PART #	UNIT	EST. QTY.	BIDDER	UNIT PRICE
		MAXIFIT							
W	240	MAXI FIT; POWER SEAL	2" (2.35-2.75)	POWER MAX 3506		EA	4		
W	241	MAXI FIT; VIKING JOHNSON	3" (3.47-4.03)	(01462) 422622		EA	4		
W	242	MAXIFIT; SMITH-BLAIR	6" (6.54-7.65)	4,620,654,076,500		EA	4		
W	243	MAXI FIT; MUELLER	6" (6.59-7.60)	MFC 069		EA	4		
W	244	MAXIFIT; SMITH-BLAIR	16" (17.25-17.95)			EA	2		
WATER	ITEM #	DESCRIPTION	SIZE	APPROVED PART #	ALTERNATE PART #	UNIT	EST. QTY.	BIDDER	UNIT PRICE
		PIPE							
W	254	PEX PIPE; REHAU	3/4"	261056-100		FT	1000		
W	255	PEX PIPE; REHAU	1"	261076-300		FT	2000		
W	256	PEX PIPE; REHAU	2"			FT	100		
W	258	CL-350 DUCTILE IRON WATER PIPE W/ BITUMINOUS SEAL COATING INSIDE	3"	CL-350	n/a	FT	60		
W	259	CL-350 DUCTILE IRON WATER PIPE W/ BITUMINOUS SEAL COATING INSIDE	4"	CL-350	n/a	FT	60		
W	260	CL-350 DUCTILE IRON WATER PIPE W/ BITUMINOUS SEAL COATING INSIDE	6"	CL-350	n/a	FT	100		
W	261	CL-350 DUCTILE IRON WATER PIPE W/ BITUMINOUS SEAL COATING INSIDE	8"	CL-350	n/a	FT	100		
W	262	CL-350 DUCTILE IRON WATER PIPE W/ BITUMINOUS SEAL COATING INSIDE	10"	CL-350	n/a	FT	40		
W	263	CL-350 DUCTILE IRON WATER PIPE W/ BITUMINOUS SEAL COATING INSIDE	12"	CL-350	n/a	FT	40		
W	264	CL-350 DUCTILE IRON WATER PIPE W/ BITUMINOUS SEAL COATING INSIDE	16"	CL-350	n/a	FT	40		
W	265	CL-350 DUCTILE IRON WATER PIPE W/ BITUMINOUS SEAL COATING INSIDE	18"	CL-350	n/a	FT	40		
W	266	CL-350 DUCTILE IRON WATER PIPE W/ BITUMINOUS SEAL COATING INSIDE	24"	CL-350	n/a	FT	40		
W	267	CL-350 DUCTILE IRON WATER PIPE W/ BITUMINOUS SEAL COATING INSIDE	36"	CL-350	n/a	FT	40		
W	268	C900 WATER PIPE SDR 14	4"	C-900		FT	100		
W	269	C900 WATER PIPE SDR 14	6"	C-900		FT	200		
W	270	C900 WATER PIPE SDR 14	8"	C-900		FT	200		
W	271	C900 WATER PIPE SDR 14	10"	C-900		FT	40		
W	272	C900 WATER PIPE SDR 14	12"	C-900		FT	40		
W	273	SDR 11, 2" IPS BLACK WATER PIPE	2"	SDR-11		FT	500		
WATER	ITEM #	DESCRIPTION	SIZE	APPROVED PART #	ALTERNATE PART #	UNIT	EST. QTY.	BIDDER	UNIT PRICE
		PIPE FITTINGS							
W	277	PIPE STIFFENER	3/4"			EA	100		
W	278	PIPE STIFFENER	1"			EA	100		
W	279	PIPE INSERT	2"			EA	6		
W	280	COUPLING FEMALE THREAD; SMITH-BLAIR	2" X 1" (2.34-2.63)	48,200,026,306,900		EA	2		
W	281	COUPLING FEMALE THREAD (2.50); SMITH-BLAIR	2" X 2"	48,102,500,114,003		EA	2		
W	282	COUPLING FEMALE THREAD; SMITH-BLAIR	2.5" X 2" (2.75)	48,102,750,114,003		EA	2		
W	283	HYMAX; KRAUSZ	1.5" (1.61-2.13)	860-56-0041-16		EA	4		
W	284	HYMAX; KRAUSZ	2" (2.10-3.03)	860-56-0054-16		EA	20		

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W	285	HYMAX; KRAUSZ	3" (3.46-4.33)	860-56-0088-16	EA	2	
W	286	HYMAX ; TPS	3" (3.46-4.33)	2000-033-260	EA	2	
W	287	HYMAX; KRAUSZ	4" (4.25-5.63)	860-56-0108-16C	EA	5	
W	288	HYMAX; KRAUSZ	6" (6.42-7.68)	860-56-0163-16	EA	2	
W	289	HYMAX; KRAUSZ	8" (8.54-9.84)	860-56-0217-16	EA	2	
W	290	HYMAX; KRAUSZ	10" (10.70 - 12.00)	860-56-0272-16	EA	2	
W	291	HYMAX; KRAUSZ	12" (12.40-13.66)	860-56-0315-16	EA	2	
W	292	HYMAX; TPS	12" (12.40-13.66)	2000-1366-260	EA	2	
W	293	CAP; TYLER	2"		EA	2	
W	294	CAP; TYLER	3"		EA	2	
W	295	CAP; TYLER	4"		EA	2	
W	296	CAP; TYLER	4" X 2"		EA	2	
W	297	CAP; TYLER	6"		EA	2	
W	298	CAP; TYLER	6" X 2"		EA	4	
W	299	CAP; TYLER	8"		EA	4	
W	300	CAP; TYLER	8" X 2"		EA	2	
W	301	CAP; TYLER	10"		EA	2	
W	302	CAP; TYLER	10" X 2"		EA	2	
W	303	CAP; TYLER	12"		EA	2	
W	311	TEE; TYLER	4"X4"X4"		EA	2	
W	312	TEE; TYLER	6" X 6" X 6"		EA	2	
W	313	TEE; TYLER	8" X 6"		EA	2	
W	314	TEE; TYLER	8" X 8"		EA	2	
W	315	TEE; TYLER	10" X 10" X 8"		EA	1	
W	316	TEE; TYLER	12" X 6"		EA	1	
W	317	TEE; TYLER	12" X 12"		EA	2	
W	318	11.25 DEGREE COUPLING; TYLER	4"		EA	2	
W	319	11.25 DEGREE COUPLING; TYLER	6"		EA	4	
W	320	11.25 DEGREE COUPLING; TYLER	8"		EA	4	
W	321	11.25 DEGREE COUPLING; TYLER	10"		EA	2	
W	322	11.25 DEGREE COUPLING; TYLER	12"		EA	2	
W	323	11.25 DEGREE COUPLING; TYLER	16"		EA	2	
W	324	11.25 DEGREE COUPLING; TYLER	18"		EA	2	
W	325	22.5 DEGREE COUPLING; TYLER	4"		EA	2	
W	326	22.5 DEGREE COUPLING; TYLER	6"		EA	4	
W	327	22.5 DEGREE COUPLING; TYLER	8"		EA	4	
W	328	22.5 DEGREE COUPLING; TYLER	10"		EA	2	
W	329	22.5 DEGREE COUPLING; TYLER	12"		EA	2	
W	330	22.5 DEGREE COUPLING; TYLER	16"		EA	2	
W	331	22.5 DEGREE COUPLING; TYLER	18"		EA	2	
W	332	45 DEGREE COUPLING; TYLER	4"		EA	2	
W	333	45 DEGREE COUPLING; TYLER	6"		EA	4	
W	334	45 DEGREE COUPLING ; TYLER	8"		EA	4	
W	335	45 DEGREE COUPLING; TYLER	10"		EA	2	
W	336	45 DEGREE COUPLING; TYLER	12"		EA	2	

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W	337	45 DEGREE COUPLING; TYLER	16"			EA	2		
W	338	45 DEGREE COUPLING; TYLER	18"			EA	2		
W	339	90 DEGREE COUPLING; TYLER	6"			EA	2		
W	340	90 DEGREE COUPLING; TYLER	8"			EA	2		
W	341	90 DEGREE COUPLING; TYLER	10"			EA	2		
W	342	90 DEGREE COUPLING; TYLER	12"			EA	2		
W	343	90 DEGREE COUPLING; TYLER	16"			EA	2		
W	344	90 DEGREE COUPLING; TYLER	18"			EA	2		
W	345	ANCHOR COUPLING; TYLER	6" X 12" LONG			EA	2		
W	346	ANCHOR COUPLING; TYLER	6" X 18" LONG			EA	2		
W	347	ANCHOR COUPLING; TYLER	6" X 24" LONG			EA	2		
W	348	TAPPING SLEEVE; TYLER	6" X 6"			EA	2		
W	349	TAPPING SLEEVE; TYLER	8" X 6"			EA	5		
W	351	TAPPING SLEEVE; TYLER	12" X 6"			EA	1		
W	352	REDUCER; TYLER	6" X 4"			EA	2		
W	353	REDUCER; TYLER	8" X 6"			EA	2		
W	354	PLUG; TYLER	10"			EA	2		
W	355	REDUCER; TYLER	8" X 4"			EA	2		
WATER	ITEM #	DESCRIPTION	SIZE	APPROVED PART #	ALTERNATE PART #	UNIT	EST. QTY.	BIDDER	UNIT PRICE
		SLEEVES							
W	358	SLEEVE; TYLER	2" X 12" LONG			EA	1		
W	359	SLEEVE; TYLER	3" X 12" LONG			EA	1		
W	361	SLEEVE; TYLER	4" X 12" LONG			EA	2		
W	362	SLEEVE; TYLER	6" X 12" LONG			EA	8		
W	363	SLEEVE; TYLER	8" X 12" LONG			EA	6		
W	364	SLEEVE; TYLER	10" X 12" LONG			EA	2		
W	365	SLEEVE; TYLER	12" X 12" LONG			EA	2		
W	366	SLEEVE; TYLER	16" X 15" LONG			EA	2		
W	367	SLEEVE; TYLER	18" X 15" LONG			EA	2		
W	368	SLEEVE; TYLER	24" X 15" LONG			EA	2		
W	369	SLEEVE; TYLER	36" X 24" LONG			EA	2		
W	370	SLEEVE; TYLER	20" X 15" LONG			EA	2		
WATER	ITEM #	DESCRIPTION	SIZE	APPROVED PART #	ALTERNATE PART #	UNIT	EST. QTY.	BIDDER	UNIT PRICE
		BELL JOINT LEAK CLAMPS							
W	374	BELL JOINT LEAK CLAMPS	6"			EA	4		
W	375	BELL JOINT LEAK CLAMPS	8"			EA	4		
W	376	BELL JOINT LEAK CLAMPS	10"			EA	4		
W	377	BELL JOINT LEAK CLAMPS	12"			EA	4		
W	378	BELL JOINT LEAK CLAMPS	16"			EA	4		
W	379	BELL JOINT LEAK CLAMPS	18"			EA	4		
W	380	BELL JOINT LEAK CLAMPS	24"			EA	4		
WATER	ITEM #	DESCRIPTION	SIZE	APPROVED PART #	ALTERNATE PART #	UNIT	EST. QTY.	BIDDER	UNIT PRICE

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		STELLAR CLAMPS							
W	382	STELLAR CLAMPS	4"			EA	2		
W	383	STELLAR CLAMPS	6"			EA	2		
W	384	STELLAR CLAMPS	8"			EA	2		
W	385	STELLAR CLAMPS	12"			EA	2		
W	386	STELLAR CLAMPS	16"			EA	2		
W	387	STELLAR CLAMPS	24"			EA	2		
WATER	ITEM #	DESCRIPTION	SIZE	APPROVED PART #	ALTERNATE PART #	UNIT	EST. QTY.	BIDDER	UNIT PRICE
		ACCESSORIES							
W	388	M.J. ACC KIT; UFCO	2"	912-040-5890		EA	4		
W	389	M.J. ACC KIT; UFCO	3"	912-096-5892		EA	4		
W	390	M.J. ACC KIT; SIGMA	4"	DGP 4"		EA	5		
W	391	M.J. ACC KIT; SIGMA	6"	829 805 221454		EA	10		
W	392	M.J. ACC KIT; SIGMA	8"	DGP 8"		EA	4		
W	393	M.J. ACC KIT; SIGMA	10"	DGP 10		EA	2		
W	394	M.J. ACC KIT	12"			EA	4		
W	395	M.J. ACC KIT	16"			EA	10		
W	396	IPS ACC KIT; UFCO	6"	912-215-5893		EA	4		
W	397	TRANSITION GASKET	4"			EA	4		
W	398	TRANSITION GASKET	6"			EA	8		
W	399	TRANSITION GASKET	8"			EA	6		
W	400	MEGALUG D. I.; FORD	3"	UFR 1500-SA-3-I		EA	4		
W	401	MEGALUG AND ACC KIT (D I); SIGMA	4"	829,805,219,567		EA	4		
W	402	MEGALUG AND ACC KIT (D I); SIGMA	6"	UFR 1400-DA-6		EA	4		
W	403	MEGALUG AND ACC KIT (D I); EBAA	8"	110 804 1903		EA	2		
W	404	MEGALUG AND ACC KIT (D I); EBAA	10"	1,110,041,903		EA	2		
W	405	MEGALUG AND ACC KIT (D I); FORD	12"	UFR 1400-DA-12-I		EA	2		
W	406	MEGALUG (D I)	16"			EA	6		
W	407	MEGALUG (D I)	24"			EA	6		
W	408	MEGALUG (D.I.)	36"			EA	6		
W	409	MEGALUG IPS/PVC W/TRANS. GASKET	3"	FORD UFR 1500-3A-I		EA	5		
W	410	MEGALUG AND ACC KIT (IPS);SIGMA	6"	SLC P6		EA	5		
W	411	MEGALUG AND ACC KIT (IPS); SIGMA	8"	829 805 000 39		EA	5		
W	412	MEGALUG AND ACC KIT (C900); SIGMA	4"	829,805,219,864		EA	10		
W	413	MEGALUG AND ACC KIT (C900); SIGMA	6"	829 805 219 871		EA	50		
W	414	MEGALUG AND ACC KIT (C900); SIGMA	8"	829 805 219 888		EA	30		
W	415	C900 MEGALUG; EBAA	10"	2,010,161,903		EA	6		
W	416	C900 MEGALUG; SIGMA	12"	829 052 199 01		EA	6		
W	417	MEGALUG AND ACC KIT	18"			EA	4		
w	418	MEGALUG (D I)	20"			EA	4		
WATER	ITEM #	DESCRIPTION	SIZE	APPROVED PART #	ALTERNATE PART #	UNIT	EST. QTY.	BIDDER	UNIT PRICE
		VALVES							
W	423	GATE VALVE - THREADED; KENNEDY	2"	228D2X		EA	10		

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W	424	GATE VALVE; KENNEDY	3"	324,067,014,001		EA	2		
W	425	GATE VALVE; M&H	4"	367,571,011,008		EA	2		
W	426	GATE VALVE; M&H	6"	467,571,011,008		EA	2		
W	427	TAPPING VALVE; MUELLER	6"	4,187,696		EA	2		
W	428	GATE VALVE; MUELLER	8"	080A236023LN		EA	2		
W	429	GATE VALVE	10"			EA	1		
W	430	GATE VALVE; M&H	12"	587,571,011,008		EA	1		
W	431	GATE VALVE; MUELLER	16"	11,505,876,777		EA	1		
WATER	ITEM #	DESCRIPTION	SIZE	APPROVED PART #	ALTERNATE PART #	UNIT	EST. QTY.	BIDDER	UNIT PRICE
		VALVE BOXES/RISERS							
W	436	SQUARE VALVE BOX CASTING & LID		JBS 8006		EA	10		
W	438	CONCRETE VALVE BOX RISER	2"			EA	15		
W	439	CONCRETE VALVE BOX RISER	4"			EA	15		
W	440	CONCRETE VALVE BOX RISER	6"			EA	15		
W	441	CONCRETE VALVE BOX RISER	12"			EA	15		
W	442	CONCRETE VALVE BOX RISER	18"			EA	10		
W	443	CONCRETE VALVE BOX RISER	24"			EA	5		
WATER	ITEM #	DESCRIPTION	SIZE	APPROVED PART #	ALTERNATE PART #	UNIT	EST. QTY.	BIDDER	UNIT PRICE
		HYDRANTS							
W	448	BLOW OFF-ABOVE GROUND; KUPFERLE	2"	MODEL 77		EA	5		
W	449	BLOW OFF-BELOW GROUND; KUPFERLE	2"	MODEL 78		EA	5		
W	450	POST HYDRANT, M&H	2" CURB, 2" STRAIGHT INLET, 2-1/2" OUTLET	M&H MODEL 33		EA	2		
W	451	FIRE HYDRANT ASSEMBLY; M&H	5 1/4"	455,751		EA	10		
W	452	HYDRANT TRAFFIC REPAIR KIT ; MUELLER	5 1/4"	MUELLER HRP301		EA	5		
W	453	HYDRANT TRAFFIC REPAIR KIT ; AMERICAN	5 1/4"	AMERICAN AD-B62B-KIT		EA	5		
W	454	HYDRANT TRAFFIC REPAIR KIT ; M&H	5 1/4"	M&H		EA	5		
W	458	MUELLER EXTENSION KIT	5 1/4" X 6"			EA	1		
W	459	MUELLER EXTENSION KIT	5 1/4" X 12"	A320-010		EA	1		
W	460	MUELLER EXTENSION KIT	5 1/4" X 18"	A320-16		EA	1		
W	461	MUELLER EXTENSION KIT	5 1/4" X 24"	A320-20		EA	1		
W	462	M&H EXTENSION KIT	5 1/4" X 6"			EA	1		
W	463	M&H EXTENSION KIT	5 1/4" X 12"	441129-5-12		EA	1		
W	464	M&H EXTENSION KIT	5 1/4" X 18"	441129-5-18		EA	1		
W	465	M&H EXTENSION KIT	5 1/4" X 24"	441129-5-24		EA	1		
W	466	AMERICAN EXTENSION KIT	5 1/4" X 6"			EA	1		
W	467	AMERICAN EXTENSION KIT	5/14" X 12"			EA	1		
W	468	AMERICAN EXTENSION KIT	5/14" X 18"			EA	1		
W	469	AMERICAN EXTENSION KIT	5/14" X 24"			EA	1		