

**Cut along the outer border and affix this label to your sealed bid envelope to identify it as a “Sealed Bid”. Be sure to include the name of the company submitting the bid where requested.**

**SEALED BID • DO NOT OPEN**

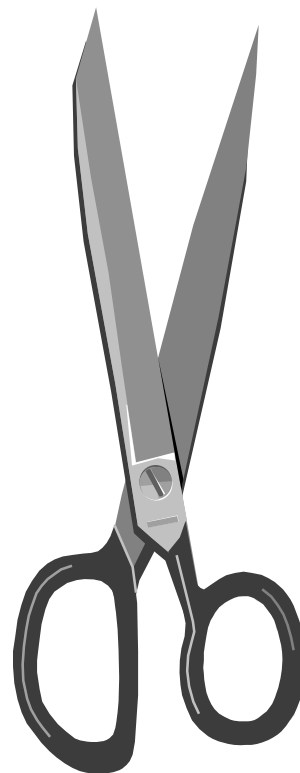
SEALED BID NO.: 156-0035-B(LN)

BID TITLE: **WATER AND SEWER MATERIALS**

DUE DATE/TIME: **MARCH 17, 2016 @ 3:00 P.M.**

SUBMITTED BY: \_\_\_\_\_  
(Name of Company)



DELIVER TO: PURCHASING DEPARTMENT  
Board of County Commissioners  
Annex Building – 6<sup>th</sup> Floor  
400 South Fort Harrison Avenue  
Clearwater, FL 33756



***Please Note:***

From time to time, addenda may be issued to this bid. Any such addenda will be posted on the same Web site, [www.pinellascounty.org/purchase/Current\\_Bids1.htm](http://www.pinellascounty.org/purchase/Current_Bids1.htm) , from which you obtained this bid.

Before submitting your bid you should check our Web site to download any addenda that may have been issued. Please remember to sign and return Addenda Acknowledgement Form with completed bid package if applicable.

<b>SUBMIT TO:</b>  PINELLAS COUNTY BOARD OF COUNTY COMMISSIONERS 400 S. FT. HARRISON AVENUE ANNEX BUILDING – 6 <sup>TH</sup> FLOOR CLEARWATER, FL 33756		<h1>INVITATION TO BID</h1>
<b>ISSUE DATE:</b> February 12, 2016	<b>BID SUBMITTALS RECEIVED AFTER SUBMITTAL DATE &amp; TIME WILL NOT BE CONSIDERED</b>	
<b>TITLE: WATER AND SEWER MATERIALS</b>	<b>BID NUMBER:</b> 156-0035-B (LN)	
<b>SUBMITTAL DUE: MARCH 17, 2016 @ 3:00 P.M.</b> AND MAY NOT BE WITHDRAWN FOR 60 DAYS FROM DATE LISTED ABOVE.	<b>PRE-BID DATE &amp; LOCATION:</b> NOT APPLICABLE	
<b>DEADLINE FOR WRITTEN QUESTIONS: MARCH 4, 2016 BY 3:00 P.M.</b>  <b>SUBMIT QUESTIONS TO: LUCY NOWACKI AT <a href="mailto:lnowacki@pinellascounty.org">lnowacki@pinellascounty.org</a></b> Phone; 727-464-3766 Fax: 727/464-3925		
<p style="text-align: center;"><u>THE MISSION OF PINELLAS COUNTY</u></p> Pinellas County Government is committed to progressive public policy, superior public service, courteous public contact, judicious exercise of authority and sound management of public resources to meet the needs and concerns of our citizens today and tomorrow.	 Director of Purchasing	

**NOTE: BIDS ARE TO BE SUBMITTED IN DUPLICATE**

**BIDDER MUST COMPLETE THE FOLLOWING**

BIDDERS ARE CAUTIONED THAT THE POLICY OF THE BOARD OF COUNTY COMMISSIONERS, PINELLAS COUNTY, IS TO ACCEPT THE LOWEST RESPONSIBLE BID RECEIVED MEETING SPECIFICATIONS. NO CHANGES REQUESTED BY A BIDDER DUE TO AN ERROR IN PRICING WILL BE CONSIDERED AFTER THE BID OPENING DATE AS ADVERTISED. BY SIGNING THIS PROPOSAL FORM BIDDERS ARE ATTESTING TO THEIR AWARENESS OF THIS POLICY AND ARE AGREEING TO ALL OTHER BID TERMS AND CONDITIONS, INCLUDING ALL INSURANCE REQUIREMENTS.

PAYMENT TERMS: \_\_\_\_% \_\_\_\_DAYS, NET **45** (PER F.S. 218.73)

\*BID DEPOSIT, IF REQUIRED, IS ATTACHED IN THE AMOUNT OF \$ \_\_\_\_\_

**BIDDER (COMPANY NAME):** \_\_\_\_\_ **D/B/A** \_\_\_\_\_

**MAILING ADDRESS:** \_\_\_\_\_ **CITY / STATE / ZIP** \_\_\_\_\_

**COMPANY EMAIL ADDRESS:** \_\_\_\_\_ **PHN:** (\_\_\_\_) \_\_\_\_\_ **FAX:** (\_\_\_\_) \_\_\_\_\_

**\*REMIT TO NAME:** \_\_\_\_\_ **CONTACT NAME:** \_\_\_\_\_  
 (As Shown On Company Invoice) **FEIN#** \_\_\_\_\_

Proper Corporate Identity is needed when you submit your bid, especially how your firm is registered with the Florida Division of Corporations. Please visit [www.sunbiz.org](http://www.sunbiz.org) for this information. It is essential to return a copy of your W-9 with your bid. Thank you.

**PRINT NAME:** \_\_\_\_\_  
**EMAIL ADDRESS:** \_\_\_\_\_

**I HEREBY AGREE TO ABIDE BY ALL TERMS AND CONDITIONS OF THIS BID, INCLUDING ALL INSURANCE REQUIREMENTS & CERTIFY I AM AUTHORIZED TO SIGN THIS BID FOR THE BIDDER.**

FORMS CHECKLIST	
COPY OF COMPANY INVOICE	<input type="checkbox"/>
W-9 (TAXPAYER ID)	<input type="checkbox"/>

**AUTHORIZED SIGNATURE:** \_\_\_\_\_

**PRINT NAME/TITLE:** \_\_\_\_\_

**SEE PAGE 57-58 SECTION F FOR BID PRICING SUMMARY**

**THIS FORM MUST BE RETURNED WITH YOUR RESPONSE**

<b>SECTION A - GENERAL CONDITIONS</b>
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**1. PREPARATION OF BID:**

Bid will be prepared in accordance with the following:

- (a) Our enclosed Bid Summary is to be used in submitting your bid.
- (b) All information required by the Bid Summary shall be furnished. The bidder should print or type his name and manually sign the schedule and each continuation sheet on which an entry is made.
- (c) Unit prices shall be shown and where there is an error in extension of price, the unit price shall govern.
- (d) Alternate bids will not be considered unless authorized by the Invitation to Bid.
- (e) Proposed delivery time must be shown and shall include Sundays and holidays.
- (f) The County is exempt from all state and federal sales, use, transportation and excise taxes. Taxes of any kind and character, payable on account of the work performed and materials furnished under the award, shall be paid by the bidder and deemed to have been included in the bid. The Laws of the State of Florida provide that sales and use taxes are payable by the bidder upon the tangible personal property incorporated in the work and such taxes shall be paid by the bidder and be deemed to have been included in the bid.
- (g) Bidders shall thoroughly examine the drawings, specifications, schedule, instructions and all other contract documents.
- (h) Bidders shall make all investigations necessary to thoroughly inform themselves regarding plant and facilities for delivery of material and equipment as required by the bid conditions. Plea of ignorance by the bidder of conditions that exist or that may hereafter exist as a result of failure or omission on the part of the bidder to make the necessary examinations and investigations, or failure to fulfill in every detail the requirements of the contract documents, will not be accepted as a basis for varying the requirements of the County or the compensation to the vendor.
- (i) Bidders are advised that all County Contracts are subject to all legal requirements provided for in the Purchasing Ordinance and/or State and Federal Statutes.

**2. DESCRIPTION OF SUPPLIES:**

- (a) Any manufacturer's names, trade names, brand name, or catalog numbers used in specifications are for the purpose of describing and establishing general quality levels. SUCH REFERENCES ARE NOT INTENDED TO BE RESTRICTIVE. Bids will be considered for all brands which meet the quality of the specifications listed for any items.
- (b) Bidders are required to state exactly what they intend to furnish, otherwise they shall be required to furnish the items as specified.
- (c) Bidders will submit, with their proposal, data necessary to evaluate and determine the quality of the item(s) they are bidding.

**3. ALTERNATES:**

Unless otherwise provided in an Invitation to Bid or Request for Proposals, ALTERNATIVES may be included in the plans, specifications, and/or proposals. When included, the Bidder or Offerer shall indicate on the proposal the cost of said alternate and sum to be deducted or added to the Base Bid. Such alternates may or may not be accepted by the County. If approved, it is at the County's discretion to accept said alternate(s) in any sequence or combination therein.

**4. SUBMISSION OF BID:**

- (a) Bids or proposals shall be submitted utilizing recycled paper copied on both sides' wherever possible. Failure to comply could result in the bid or proposal being rejected.
- (b) Bid and changes thereto shall be enclosed in sealed envelopes addressed to the Purchasing Department, Pinellas County. The name and address of the bidder, the date and hour of the bid submittal and the material or service bid on shall be placed on the outside of the envelope.
- (c) Bid must be submitted on the forms furnished. Electronic/facsimile bids will not be considered. The County reserves the right to modify the Bid Proposal by electronic/facsimile notice

**5. REJECTION OF BID:**

- (a) The County may reject a bid if:
  1. The bidder misstates or conceals any material fact in the bid.
  2. The bid does not strictly conform to the law or requirements of bid, including insurance requirements.
  3. The bid is conditional, except that the bidder may qualify his bid for acceptance by the County on an "all or none" basis, or a "low item" basis. An "all or none" basis bid must include all items upon which the bid was invited.
- (b) The respective constitutional officer, county administrator on behalf of the board of county commissioners or within his/her delegated financial approval authority, or director of purchasing, within his/her delegated financial approval authority shall have the authority when the public interest will be served thereby to reject all bids or parts of bids at any stage of the procurement process through the award of a contract.

<b>SECTION A - GENERAL CONDITIONS</b>
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(c) The County reserves the right to waive minor informalities or irregularities in any bid.

6. **WITHDRAWAL OF BID:**

- (a) Bid may not be withdrawn after the time set for the bid submittal for a period of time as specified.
- (b) Bid may be withdrawn prior to the time set for the bid submittal. Such request must be in writing.

7. **LATE BID OR MODIFICATIONS:**

- (a) Bid and modifications received after the time set for the bid submittal will not be considered. **In addition, late bids will not be accepted, will be rejected and will be returned for any reason. The time clock stamp located in Pinellas County Purchasing Department shall be the official time stamp.** This upholds the integrity of the bidding process.
- (b) Modifications in writing received prior to the time set for the bid submittal will be accepted.

8. **PUBLIC REVIEW AT BID OPENING:**

**Bids will be opened immediately after the bid submittal date and time (3:00 PM) by the Pinellas County Purchasing Department, 400 South Fort Harrison Avenue, Annex Building, 6th Floor, Clearwater, FL 33756. The public may attend the bid opening, but may not immediately review any bids submitted. The names of respondents and their bids amounts will be read aloud at the time of opening. Pursuant to Florida Statute, Section 119.071(1)(b)2, all bids submitted shall be subject to review as public records after 30 days from opening, or earlier if an intended decision is reached before the thirty day period expires. Unless a specific exemption exists, all documents submitted will be released pursuant to a valid public records request. All trade secrets claims shall be dispositively determined by a court of law prior to trade secret protection being granted.**

9. **BID TABULATION INQUIRIES:**

Inquiries relating to the results of this bid, prior to the official bid award by the Pinellas County Board of County Commissioners may be made by visiting the Pinellas County Purchasing Office. Tabulations will be posted on the Purchasing Website ([www.pinellascounty.org/purchase/Current\\_Bids1.htm](http://www.pinellascounty.org/purchase/Current_Bids1.htm)) after 30 days to comply with Florida Statute, Section 119.071(1)(b)2.

10. **AWARD OF CONTRACT:**

- (a) The contract will be awarded to the lowest responsive, responsible bidder whose bid, conforming to the Invitation to Bid, is most advantageous to Pinellas County, price and other factors considered. For Invitation to Bid for Sale of Real or Surplus Property, award will be made to the highest and most advantageous bid including price and other factors considered.
- (b) The County reserves the right to accept and award item by item, and/or by group, or in the aggregate, unless the bidder qualifies his bid by specified limitations. See Rejection of Bids.
- (c) If two or more bids received are for the same total amount or unit price, or in the case of proposals, the qualifications, quality and service are equal, the contract shall be awarded to the local bidder/proposer. A local firm is defined as a firm with headquarters in geographical Pinellas County. Headquarters shall mean the office location that serves as the administrative center and principal place of business. If two or more bids received are for the same total amount or unit price or in the case of proposals, the qualifications, quality and service are equal and no firms are deemed local, then the contract shall be awarded by drawing lots in public.
- (d) Prices quoted must be FOB Pinellas County with all transportation charges prepaid unless otherwise specified in the Invitation to Bid.
- (e) A written award of acceptance (Purchase Order), mailed or otherwise furnished to the successful bidder, shall result in a binding contract without further action by either party.

11. **BIDS FROM RELATED PARTIES OR MULTIPLE BIDS RECEIVED FROM ONE VENDOR:**

Where two (2) or more related parties each submit a bid or proposal or multiple bids are received from one (1) vendor, for any contract, such bids or proposals shall be judged non-responsive. Related parties mean bidders or proposers or the principles thereof, which have a direct or indirect ownership interest in another bidder or proposer for the same contract or in which a parent company or the principles thereof of one (1) bidder or proposer have a direct or indirect ownership interest in another bidder or proposer for the same contract.

<b>SECTION A - GENERAL CONDITIONS</b>
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12. **LOCAL, STATE, AND FEDERAL COMPLIANCE REQUIREMENTS:**

The laws of the State of Florida apply to any purchase made under this Invitation to bid. Bidders shall comply with all local, state, and federal directives, orders and laws as applicable to this bid and subsequent contract(s) including but not limited to Americans with Disabilities Act (ADA), Section 504 of the Rehabilitation Act of 1973, Equal Employment Opportunity (EEO), Minority Business Enterprise (MBE), and OSHA as applicable to this contract.

13. **PROVISION FOR OTHER AGENCIES:**

Unless otherwise stipulated by the bidder, the bidder agrees to make available to all Government agencies, departments, and municipalities the bid prices submitted in accordance with said bid terms and conditions therein, should any said governmental entity desire to buy under this proposal. Eligible Users shall mean all state of Florida agencies, the legislative and judicial branches, political subdivisions (counties, local district school boards, community colleges, municipalities, or other public agencies or authorities), which may desire to purchase under the terms and conditions of the contract.

14. **COLLUSION:**

The bidder, by affixing his signature to this proposal, agrees to the following: "Bidder certifies that his bid is made without previous understanding, agreement, or connection with any person, firm or corporation making a bid for the same item(s) and is in all respects fair, without outside control, collusion, fraud, or otherwise illegal action".

15. **CONTRACTOR LICENSE REQUIREMENT:**

All contractors performing construction and related work in Pinellas County must comply with our regulatory legislation, Chapter 75-489, Laws of Florida, as amended. Failure to have a competency license in a regulated trade will be cause for rejection of any bid and/or contract award.

16. **MATERIAL SAFETY DATA SHEETS REQUIREMENTS:**

If any chemicals, materials, or products containing toxic substances, in accordance with OSHA Hazardous Communications Standards, are contained in the products purchased by the County as a result of this bid, the successful bidder shall provide a Material Safety Data Sheet at the time of each delivery.

17. **RIGHT TO AUDIT:**

Pinellas County reserves the privilege of auditing a vendor's records as such records relate to purchases between Pinellas County and said vendor. Such audit privilege is provided for within the text of the Pinellas County Code §2-176(j). Records should be maintained for three (3) years from the date of final payment.

18. **PUBLIC ENTITY CRIME AND SCRUTINIZED COMPANIES:**

Contractor is directed to the Florida Public Entity Crime Act, Fla. Stat. 287.133, and Fla. Stat. 287.135 regarding Scrutinized Companies, and Contractor agrees that its bid and, if awarded, its performance of the agreement will comply with all applicable laws including those referenced herein. Contractor represents and certifies that Contractor is and will at all times remain eligible to bid for and perform the services subject to the requirements of these, and other applicable, laws. Contractor agrees that any contract awarded to Contractor will be subject to termination by the County if Contractor fails to comply or to maintain such compliance.

19. **MULTIPLE COPIES:**

Unless otherwise specified, responses to an Invitation to Bid (ITB) or Request for Proposal (RFP) should be submitted in duplicate.

20. **COUNTY INDEMNIFICATION:**

a) The first ten dollars (\$10) of compensation received by the contractor pursuant to this contract represents specific consideration for the following indemnification: contractor shall indemnify, pay the cost of defense, including attorneys' fees, and hold harmless the County from all suits, actions or claims of any character brought on account of any injuries or damages received or sustained by any person, persons or property by or from the said contractor; or by, or in consequence of any neglect in safeguarding the work; or through the use of unacceptable materials in the construction of improvements; or by, or on account of any act or omission, neglect or misconduct of the said contractor; or by, or on account of, any claim or amounts recovered under the "Workers' Compensation Law" or of any other laws, by-laws, ordinance, order or decree, except only such injury or damage as shall have been occasioned by the sole negligence of the County.

<b>SECTION A - GENERAL CONDITIONS</b>
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- b) Unless specifically prohibited by Florida Law, the successful bidder(s) agrees to indemnify the County and hold it harmless from and against all claims, liability, loss, damage or expense, including counsel fees, arising from or by reason of any actual or claimed trademark, patent or copyright infringement or litigation based thereon, with respect to the goods or any part thereof covered by this order, and such obligation shall survive acceptance of the goods and payment thereof by the County.
- c) The duty to defend under this Article is independent and separate from the duty to indemnify, and the duty to defend exists regardless of any ultimate liability of the CONSULTANT, the COUNTY and any indemnified party. The duty to defend arises immediately upon presentation of a claim by any party and written notice of such claim being provided to the CONSULTANT. The CONSULTANT'S obligation to indemnify and defend under this Article will survive the expiration or earlier termination of this Agreement until it is determined by final judgment that an action against the COUNTY or an indemnified party for the matter indemnified hereunder is fully and finally barred by the applicable statute of limitations.

21. **VARIANCE FROM STANDARD TERMS & CONDITIONS:**

All standard terms and conditions stated in Section A apply to this contract except as specifically stated in the subsequent sections of the document, which take precedence over Section A, and should be fully understood by bidders prior to submitting a bid on this requirement.

22. **ADA REQUIREMENT FOR PUBLIC NOTICES:**

Persons with disabilities requiring reasonable accommodation to participate in this proceeding/event, should call 727/464-4062 (voice/tdd) fax 727/464-4157, not later than seven days prior to the proceeding.

23. **"OR EQUAL" DETERMINATION:**

Where bidding other than specified, the determination of equivalency will be at the sole discretion of Pinellas County and its specialized person.

24. **INSURANCE:**

Notice: The Contractor/Vendor must provide a certificate of insurance and endorsement in accordance with the insurance requirements listed below (Section C). Failure to provide the required insurance within a ten (10) day period following the determination or recommendation of lowest responsive, responsible bidder may result in the County to vacate the original determination or recommendation and proceed with recommendation to the second lowest, responsive, responsible bidder.

25. **PROCUREMENT POLICY FOR RECYCLED MATERIALS:**

Pinellas County wishes to encourage its bidders to use recycled products in fulfilling contractual obligations to the County and that such a policy will serve as a model for other public entities and private sector companies.

When awarding a purchase of \$5,000 or less, or recommending a purchase in excess of \$5,000 for products, materials, or services, the Director of Purchasing may allow a preference to a responsive bidder who certifies that their product or material contains the greatest percentage of postconsumer material. If they are bidding on paper products they must certify that their materials and/or products contain at least the content recommended by the EPA guidelines.

On all bids over fifty thousand dollars (\$50,000) and formal quotes under fifty thousand dollars (\$50,000), or as required by law, the Director of Purchasing shall require vendors to specify which products have recycled materials, what percentage or amount is postconsumer material, and to provide certification of the percentages of recycled materials used in the manufacture of goods and commodities procured by the County.

Price preference is not the preferred practice the County wishes to employ in meeting the goals of this resolution. If a price preference is deemed to serve the best interest of the County and further supports the purchase of recycled materials, the Director of Purchasing will make a recommendation that a price preference be allowed up to an amount not to exceed 10% above the lowest complying bid received.

**DEFINITIONS:**

Recovered Materials: Materials that have recycling potential, can be recycled, and have been diverted or removed from the solid waste stream for sale, use or reuse, by separation, collection, or processing.

## SECTION A - GENERAL CONDITIONS

**Recycled Materials:** Materials that contain recovered materials. This term may include internally generated scrap that is commonly used in industrial or manufacturing processes, waste or scrap purchased from another manufacturer and used in the same or a closely related product.

**Postconsumer Materials:** Materials which have been used by a business or a consumer and have served their intended end use, and have been separated or diverted from the solid waste stream for the purpose of recycling, such as; newspaper, aluminum, glass containers, plastic containers, office paper, corrugated boxes, pallets or other items which can be used in the remanufacturing process.

26. **ASBESTOS MATERIALS:**

The contractor shall perform all work in compliance with Federal, State and local laws, statutes, rules, regulations and ordinances, including but not limited to the Department of Environmental Protection (DEP)'s asbestos requirements, 40 CFR Part 61, Subpart M, and OSHA Section 29 CFR 1926.58. Additionally, the contractor shall be properly licensed and/or certified for asbestos removal as required under Federal, State and local laws, statutes, rules, regulations and ordinances.

The County shall be responsible for filing all DEP notifications and furnish a copy of the DEP notification and approval for demolition to the successful contractor. The County will furnish a copy of the asbestos survey to the successful bidder. The contractor must keep this copy on site at all times during the actual demolition.

27. **PAYMENT/INVOICES:**

SUPPLIER shall submit invoices for payment due as provided herein with such documentation as required by Pinellas County and all payments shall be made in accordance with the requirements of Section 218.70 *et. seq.*, Florida Statutes, "The Local Government Prompt Payment Act." Invoices shall be submitted to the address below unless instructed otherwise on the purchase order, or if no purchase order, by the ordering department:

Finance Division Accounts Payable  
Pinellas County Board of County Commissioners  
P. O. Box 2438  
Clearwater, FL 33757

Each invoice shall include, at a minimum, the Supplier's name, contact information and the standard purchase order number. In order to expedite payment, it is recommended the Supplier also include the information shown in below. The County may dispute any payments invoiced by SUPPLIER in accordance with the County's Dispute Resolution Process for Invoiced Payments, established in accordance with Section 218.76, Florida Statutes, and any such disputes shall be resolved in accordance with the County's Dispute Resolution Process.

**INVOICE INFORMATION:**

**Supplier Information** Company name, mailing address, phone number, contact name and email address as provided on the PO

**Remit To** Billing address to which you are requesting payment be sent

**Invoice Date** Creation date of the invoice

**Invoice Number** Company tracking number

**Shipping Address** Address where goods and/or services were delivered

**Ordering Department** Name of ordering department, including name and phone number of contact person

**PO Number** Standard purchase order number

**Ship Date** Date the goods/services were sent/provided

**Quantity** Quantity of goods or services billed

**Description** Description of services or goods delivered

**Unit Price** Unit price for the quantity of goods/services delivered

## SECTION A - GENERAL CONDITIONS

**Line Total**                      Amount due by line item

**Invoice Total**                Sum of all of the line totals for the invoice

Pinellas County offers a credit card payment process (ePayables) through Bank of America. Pinellas County does not charge vendors to participate in the program; however, there may be a charge by the company that processes your credit card transactions. For more information please visit Pinellas County purchasing website at [www.pinellascounty.org/purchase](http://www.pinellascounty.org/purchase).

28. **TAXES:**  
Payments to Pinellas County are subject to applicable Florida taxes.
29. **TERMINATION:**
- (a) Pinellas County reserves the right to terminate this contract without cause by giving thirty (30) days prior notice to the contractor in writing of the intention to terminate or with cause if at any time the contractor fails to fulfill or abide by any of the terms or conditions specified.
  - (b) Failure of the contractor to comply with any of the provisions of this contract shall be considered a material breach of contract and shall be cause for immediate termination of the contract at the discretion of Pinellas County.
  - (c) In the event sufficient budgeted funds are not available for a new fiscal period, the County shall notify the vendor of such occurrence and contract shall terminate on the last day of current fiscal period without penalty or expense to the County.
  - (d) In addition to all other legal remedies available to Pinellas County, Pinellas County reserves the right to terminate and obtain from another source, any items/services which have not been delivered within the period of time stated in the proposal, or if no such time is stated, within a reasonable period of time from the date of order as determined by Pinellas County.
30. **BIDDER CAPABILITY/REFERENCES:**  
Prior to contract award, any bidder may be required to show that the company has the necessary facilities, equipment, ability and financial resources to perform the work specified in a satisfactory manner and within the time specified. In addition, the company must have experience in work of the same or similar nature, and can provide references, which will satisfy the County. Bidders must furnish a reference list of at least four (4) customers for whom they have performed similar services (SEE SECTION D).
31. **DELIVERY/CLAIMS:**  
Prices quoted shall be F.O.B. Destination, FREIGHT INCLUDED and unloaded to location(s) within Pinellas County. Actual delivery address(es) shall be identified at time of order. Successful bidder(s) will be responsible for making any and all claims against carriers for missing or damaged items.
32. **MATERIAL QUALITY:**  
All materials purchased and delivered against this contract will be of first quality and not damaged and/or factory seconds. Any materials damaged or not in first quality condition upon receipt will be exchanged within twenty-four (24) hours of notice to the Contractor at no charge to the County.
33. **WRITTEN REQUESTS FOR INTERPRETATIONS/CLARIFICATIONS:**  
No oral interpretations will be made to any firms as to the meaning of specifications or any other contract documents. All questions pertaining to the terms and conditions or scope of work of this bid/proposal must be sent in writing (mail or fax) to the Purchasing Department and received by the date specified in ITB. Responses to questions may be handled as an addendum if the response would provide clarification to requirements of the bid. All such addenda shall become part of the contract documents. The County will not be responsible for any other explanation or interpretation of the proposed bid made or given prior to the award of the contract. The Purchasing Department will be unable to respond to questions received after the specified time frame.



<b>SECTION A - GENERAL CONDITIONS</b>
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34. **ASSIGNMENT/SUBCONTRACTING/CORPORATE ACQUISITIONS AND/OR MERGERS:**

The Contractor shall perform this contract. If a bidder intends to subcontract a portion of this work, the bidder must disclose that intent in the bid. No assignment or subcontracting shall be allowed without prior written consent of the County. In the event of a corporate acquisition and/or merger, the Contractor shall provide written notice to the County within thirty (30) business days of Contractor's notice of such action or upon the occurrence of said action, whichever occurs first. The right to terminate this contract, which shall not be unreasonably exercised by the County, shall include, but not be limited to, instances in which a corporate acquisition and/or merger represent a conflict of interest or are contrary to any local, state, or federal laws. Action by the County awarding a bid to a bidder, which has disclosed its intent to assign or subcontract in its response to the ITB, without exception shall constitute approval for purposes of this Agreement.

35. **EXCEPTIONS:**

Contractor is advised that if it wishes to take exception to any of the terms contained in this Bid or the attached service agreement it must identify the term and the exception in its response to the Bid. Failure to do so may lead County to declare any such term non-negotiable. Contractor's desire to take exception to a non-negotiable term will not disqualify it from consideration for award.

36. **NON-EXCLUSIVE CONTRACT:**

Award of this Contract shall impose no obligation on the County to utilize the vendor for all work of this type, which may develop during the contract period. This is not an exclusive contract. The County specifically reserves the right to concurrently contract with other companies for similar work if it deems such action to be in the County's best interest. In the case of multiple-term contracts, this provision shall apply separately to each term.

37. **PUBLIC RECORDS/TRADE SECRETS:** Pinellas County Government is subject to the Florida Public Records law (Chapter 119, Florida Statutes), and all documents, materials, and data submitted to any solicitation as part of the response are governed by the disclosure, exemption and confidentiality provisions relating to public records in Florida Statutes. Except for materials that are "trade secrets" or "confidential" as defined by applicable Florida law, ownership of all documents, materials, and data submitted in response to the solicitation shall belong exclusively to the County.

To the extent that Proposer/Bidder/Quoter desires to maintain the confidentiality of materials that constitute trade secrets pursuant to Florida law, trade secret material submitted must be identified by some distinct method that the materials that constitute a trade secret, and Proposer/Bidder/Quoter shall provide an additional copy of the proposal/bid/quote that redacts all designated trade secrets. By submitting materials that are designated as trade secrets and signature of the Proposer/Bidder/Quoter Signature Page, Proposer/Bidder/Quoter acknowledges and agrees:

- (i) that after notice from the County that a public records request has been made for the materials designated as a trade secret, the Proposer/Bidder/Quoter shall be solely responsible for defending its determination that submitted material is a trade secret that is not subject to disclosure at its sole cost, which action shall be taken immediately, but no later than 10 calendar days from the date of notification or Proposer /Bidder/Quoter will be deemed to have waived the trade secret designation of the materials;
- (ii) that to the extent that the proposal/bid/quote with trade secret materials is evaluated, the County and its officials, employees, agents, and representatives in any way involved in processing, evaluating, negotiating contract terms, approving any contract based on the proposal/bid/quote, or engaging in any other activity relating to the competitive selection process are hereby granted full rights to access, view, consider, and discuss the materials designated as trade secrets through the final contract award;
- (iii) to indemnify and hold the County, and its officials, employees, agents and representatives harmless from any actions, damages (including attorney's fees and costs), or claims arising from or related to the designation of trade secrets by the Proposer/Bidder/Quoter, including actions or claims arising from the County's non-disclosure of the trade secret materials.
- (iv) that information and data it manages as part of the services may be public record in accordance with Chapter 119, Florida Statutes and Pinellas County public record policies. Proposer/Bidder/Quoter agrees prior to providing goods/services it will implement policies and procedures to maintain, produce, secure and retain public records in accordance with applicable laws, regulations, and County Policies, which are subject to approval by the County, including but limited to the Section 119.0701, Florida Statutes.

<b>SECTION A - GENERAL CONDITIONS</b>
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Notwithstanding any other provision in the solicitation, the classification as trade secret of the entire proposal/bid/quote document, line item and/or total proposal/bid/quote prices, the work, services, project, goods, and/or products to be provided by Proposer/Bidder/Quoter, or any information, data, or materials that may be part of or incorporated into a contract between the County and the Proposer/Bidder/Quoter is not acceptable to the County and will result in a determination that the proposal/bid/quote is nonresponsive; the classification as trade secret of any other portion of a proposal/bid/quote document may result in a determination that the proposal/bid/quote is nonresponsive.

38. **LOBBYING:**

Lobbying shall be prohibited on all county competitive selection processes and purchasing contract awards pursuant to this division, including, but not limited to, requests for proposals, requests for quotations, requests for qualifications, bids or the award of purchasing contracts of any type. The purpose of this prohibition is to protect the integrity of the procurement process by shielding it from undue influences prior to the contract award, or the competitive selection process is otherwise concluded. However, nothing herein shall prohibit a prospective bidder/proposer/protestor from contacting the purchasing department or the county attorney's office to address situations such as clarification and/or pose questions related to the procurement process.

Lobbying of evaluation committee members, county government employees, elected/appointed officials, or advisory board members regarding requests for proposals, requests for quotations, requests for qualifications, bids, or purchasing contracts, by the bidder/proposer, any member of the bidder's/proposer's staff, any agent or representative of the bidder/proposer, or any person employed by any legal entity affiliated with or representing a bidder/proposer/protestor, is strictly prohibited from the date of the advertisement, or on a date otherwise established by the board of county commissioners, until either an award is final, or the competitive selection process is otherwise concluded. Any lobbying activities in violation of this section by or on behalf of a bidder/proposer shall result in the disqualification or rejection of the proposal, quotation, statement of qualification, bid or contract.

For purposes of this provision, lobbying shall mean influencing or attempting to influence action or non-action, and/or attempting to obtain the goodwill of persons specified herein relating to the selection, ranking, or contract award in connection with any request for proposal, request for quotation, request for qualification, bid or purchasing contract through direct or indirect oral or written communication. The final award of a purchasing contract shall be the effective date of the purchasing contract.

Any evaluation committee member, county government employee, elected/appointed official, or advisory board member who has been lobbied shall immediately report the lobbying activity to the director of purchasing.

39. **ADDITIONAL REQUIREMENTS:**

The County reserves the right to request additional goods or services relating to this Agreement from the Contractor. When approved by the County as an amendment to this Agreement and authorized in writing, the Contractor shall provide such additional requirements as may become necessary.

40. **ADD/DELETE LOCATIONS SERVICES:**

The County reserves the right to unilaterally add or delete locations/services, either collectively or individually, at the County's sole option, at any time after award has been made as may be deemed necessary or in the best interests of the County. In such case, the contractor(s) will be required to provide services to this contract in accordance with the terms, conditions, and specifications.

41. **INTEGRITY OF BID DOCUMENTS:**

Bidders shall use the original Bid Form(s) provided by the Purchasing Department and enter information only in the spaces where a response is requested. Bidders may use an attachment as an *addendum* to the Bid Form(s) if sufficient space is not available on the original form for the bidder to enter a complete response. **Any modifications or alterations to the original bid documents by the bidder, whether intentional or otherwise, will constitute grounds for rejection of a bid.** Any such modifications or alterations a bidder wishes to propose must be clearly stated in the bidder's proposal response and presented in the form of an addendum to the original bid documents.

<b>SECTION A - GENERAL CONDITIONS</b>
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**42. PUBLIC EMERGENCIES:**

It is hereby made a part of this bid that before, during, and after a public emergency, disaster, hurricane, tornado, flood, or other acts of God that Pinellas County shall require a "First Priority" for goods and services. It is vital and imperative that the majority of citizens are protected from any emergency situation that threatens public health and safety, as determined by the County. Vendor/contractor agrees to rent/sell/lease all goods and services to the County or governmental entities on a "first priority" basis. The County expects to pay a fair and reasonable price for all products and services rendered or contracted in the event of a disaster, emergency, hurricane, tornado or other acts of God.

**43. JOINT VENTURES:**

All Bidders intending to submit a bid as a Joint Venture are required to have filed proper documents with the Florida Department of State, the Division of Professions, Construction Industry Licensing Board and any other state or local licensing Agency prior to submitting the bid (see Section 489.119 Florida Statutes).

Joint Venture Firms must provide an affidavit attesting to the formulation of a joint venture and provide either proof of incorporation as a joint venture or a copy of the formal joint venture Agreement between all joint venture parties, indicating their respective roles, responsibilities and levels of participation for the project.

**44. CONFLICT OF INTEREST:**

- a) The Bidder represents that it presently has no interest and shall acquire no interest, either direct or indirect, which would conflict in any manner with the performance or services required hereunder. The Bidder further represents that no person having any such interest shall be employed by him/her during the agreement term and any extensions. In addition, the Bidder shall not offer gifts or gratuities to County Employees as County Employees are not permitted to accept gifts or gratuities. By signing this bid document, the Bidder acknowledges that no gifts or gratuities have been offered to County Employees or anyone else involved in this competitive invitation to bid process.
- b) The Bidder shall promptly notify the County's representative, in writing, by certified mail, of all potential conflicts of interest for any prospective business association, interest, or other circumstance, which may influence or appear to influence the Contractor's judgment or quality of services being provided hereunder. Such written notification shall identify the prospective business association, interest or circumstance, the nature of work that the Bidder may undertake and request an opinion of the County as to whether the association, interest or circumstance would, in the opinion of the County, constitute a conflict of interest if entered into by the Bidder. The County agrees to notify the Bidder of its opinion, by certified mail, within thirty days of receipt of notification by the Bidder.
- c) It is essential to government procurement that the process be open, equitable and ethical. To this end, if potential unethical practices including but not limited to collusion, receipt or solicitation of gifts and conflicts of interest (direct/indirect) etc. are observed or perceived, please report such activity to:

Pinellas County Clerk of Circuit Court – Division of Inspector General

Phone – (727) 45FRAUD (453-7283)

Fax – 727-464-8386

<b>SECTION A - GENERAL CONDITIONS</b>
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45. **PROTEST PROCEDURE:**

As per Section 2-162 of County Code

(a) *Bid/Proposal protests.* Any prospective bidder or proposer, who is aggrieved by the contents of the bid or proposal package, or any bidder or proposer who is aggrieved in connection with the recommended award on a bid or proposal solicitation, may file a written protest to the director of purchasing as provided herein. This right to protest is strictly limited to those procurements of goods or services solicited through invitations to bid or requests for proposals, including solicitations pursuant to § 287.055, Florida Statutes, the "Consultants' Competitive Negotiation Act." No other actions or recommendations in connection with a solicitation can be protested, including: (i) requests for quotations or requests for qualifications; (ii) rejection of some, all or parts of bids or proposals; (iii) disqualification of bidders or proposers as non-responsive or non-responsible; or (iv) recommended awards less than the mandatory bid or proposal amount. Protests failing to comply with the provisions of this section 2-162 shall not be reviewed.

(b) The purchasing department shall post the recommended award on the departmental website no less than five (5) full business days after the decision to recommend the award is made.

(c) *Requirements to Protest.*

(1) If the protest relates to the content of the bid/proposal package, a formal written protest must be filed no later than 5:00 p.m. on the fifth full business day after issuance of the bid/proposal package.

(2) If the protest relates to the recommended award of a bid or proposal, a formal written protest must be filed no later than 5:00 p.m., on the fifth full business day after posting of the award recommendation.

(3) The formal written protest shall identify the protesting party and the solicitation involved; include a statement of the grounds on which the protest is based; refer to the statutes, laws, ordinances or other legal authorities which the protesting party deems applicable to such grounds; and specifically request the relief to which the protesting party deems itself entitled by application of such authorities to such grounds.

(4) A formal written protest is considered filed with the county when the purchasing department receives it. Accordingly, a protest is not timely filed unless it is received within the time specified above by the purchasing department. Failure to file a formal written protest within the time period specified shall constitute a waiver of the right to protest and result in relinquishment of all rights to protest by the bidder/proposer.

(d) *Rights of interested parties.* Bidders or proposers, other than the protestor, which would be directly affected by the favorable resolution of a protest relating to a recommended award, shall have the right to provide written documentation related to the protested solicitation. Said interested parties shall be solely responsible for determining whether a protest has been filed. Any documentation submitted by an interested party must be filed with the director of purchasing no later than 5:00 p.m. on the fifth full business day after the purchasing department posts notification that a protest has been filed. Any interested party submitting documentation shall bear all costs, including legal representation, relating to the submission.

(e) *Sole remedy.* These procedures shall be the sole remedy for challenging an award of bid. Bidder/proposers are prohibited from attempts to influence, persuade, or promote a bid protest through any other channels or means. Such attempts shall be cause for suspension in accordance with 2-161(b) of this article.

(f) *Lobbying.* Protestors, and interested parties as defined subsection (d), and anyone acting on their behalf, are prohibited from attempts to influence, persuade, or promote a bid or proposal protest through any other channels or means, and contacting any Pinellas County official, employee, advisory board member, or representative to discuss any matter relating in any way to the solicitation being protested, other than the purchasing department's or county attorney's office employees. The prohibitions provided for herein shall begin with the filing of the protest and end upon the final disposition of the protest; provided however, at all times protestors shall be subject to the procurement lobbying prohibitions in section 2-189 of this code. Failure to adhere to the prohibitions herein shall result in the rejection of the protest without further consideration.

## SECTION A - GENERAL CONDITIONS

(g) *Time Limits.* The time limits in which protests must be filed as specified herein may be altered by specific provisions in the Bid/Request for Proposal.

(h) *Authority to resolve.* The Director of Purchasing shall resolve the protest in a in accordance with the documentation and applicable legal authorities and shall issue a written decision to the protestor no later than 5:00 p.m. on the tenth full business day after the filing thereof.

(i) *Review of Purchasing Director's decision.*

(1) The protesting party may request a review of the Purchasing Director's decision to the County Administrator by delivering written request for review of the decision to the Director of Purchasing by 5:00 p.m. on the fifth full business day after the date of the written decision. The written notice shall include any materials, statements, arguments which the bidder/proposer deems relevant to the issues raised in the request to review the decision of the Purchasing Director.

(2) The county administrator shall issue a decision in writing stating the reason for the action with a copy furnished to the protesting party no later than 5:00 p.m., on the seventh full business day after receipt of the request for review. The decision shall be final and conclusive as to the county unless a party commences action in a court of competent jurisdiction.

(j) *Stay of Procurement During Protests.* There shall be no stay of procurement during protests.

46. **DISPUTE RESOLUTION FOR PINELLAS COUNTY BOARD OF COUNTY COMMISSIONERS IN MATTERS OF INVOICE PAYMENTS:**

Payment of invoices for work performed for Pinellas County Board of County Commissioners (County) is made, by standard, in arrears in accordance with Section 218.70, et. seq., Florida Statutes, the Local Government Prompt Payment Act.

If a dispute should arise as a result of non-payment of a payment request or invoice the following Dispute Resolution process shall apply:

A. Pinellas County shall notify a vendor in writing within ten (10) days after receipt of an improper invoice, that the invoice is improper. The notice should indicate what steps the vendor should undertake to correct the invoice and resubmit a proper invoice to the County. The steps taken by the vendor shall be that of initially contacting the requesting department to validate their invoice and receive a sign off from that entity that would indicate that the invoice in question is in keeping with the terms and conditions of the agreement. Once sign off is obtained, the vendor should then resubmit the invoice as a "Corrected Invoice" to the requesting department which will initiate the payment timeline.

1 Requesting department for this purpose is defined as the County department for whom the work is performed.

2 Proper invoice for this purpose is defined as an invoice submitted for work performed that meets prior agreed upon terms or conditions to the satisfaction of Pinellas County.

B. Should a dispute result between the vendor and the County about payment of a payment request or an invoice then the vendor should submit their dissatisfaction in writing to the Requesting Department. Each Requesting Department shall assign a representative who shall act as a "Dispute Manager" to resolve the issue at departmental level.

C. The Dispute Manager shall first initiate procedures to investigate the dispute and document the steps taken to resolve the issue in accordance with section 218.76 Florida Statutes. Such procedures shall be commenced no later than forty-five (45) days after the date on which the payment request or invoice was received by Pinellas County, and shall not extend beyond sixty (60) days after the date on which the payment request or invoice was received by Pinellas County.

D. The Dispute Manager should investigate and ascertain that the work, for which the payment request or invoice has been submitted, was performed to Pinellas County's satisfaction and duly accepted by the Proper

**SECTION A - GENERAL CONDITIONS**

Authority. Proper Authority for this purpose is defined as the Pinellas County representative who is designated as the approving authority for the work performed in the contractual document. The Dispute Manager shall perform the required investigation and arrive at a solution before or at the sixty (60) days timeframe for resolution of the dispute, per section 218.76, Florida Statutes. The County Administrator or his or her designee shall be the final arbiter in resolving the issue before it becomes a legal matter. The County Administrator or his or her designee will issue their decision in writing.

- E. Pinellas County Dispute Resolution Procedures shall not be subject to Chapter 120 of the Florida Statutes. The procedures shall also, per section 218.76, Florida Statutes, not be intended as an administrative proceeding which would prohibit a court from ruling again on any action resulting from the dispute.
- F. Should the dispute be resolved in the County's favor interest charges begin to accrue fifteen (15) days after the final decision made by the County. Should the dispute be resolved in the vendor's favor the County shall pay interest as of the original date the payment was due.
- G. For any legal action to recover any fees due because of the application of sections 218.70 et. seq., Florida Statutes, an award shall be made to cover court costs and reasonable attorney fees, including those fees incurred as a result of an appeal, to the prevailing party. If it is found that the non-prevailing party held back any payment that was the reason for the dispute without having any reasonable lawful basis or fact to dispute the prevailing party's claim to those amounts.

## SECTION B - SPECIAL CONDITIONS

**Bid Title: Water and Sewer Materials**  
**Bid Number: 156-0035-B(LN)**

**IMPORTANT NOTICE:** Changes have been made to the Insurance process. INSURANCE IS NOW DUE WITH BID SUBMITTAL. See SECTION C – Insurance Requirements.

1. **INTENT:** In accordance with attached specifications, it is the intent of Pinellas County to establish a contract for supply of water, sewer, and related materials to Pinellas County Utilities (PCU), Maintenance Department (MD) warehouses on an as needed basis. In an effort to standardize warehouse operations and guarantee continuity of supply, it is the County's intent to establish a contract.
2. **QUANTITIES:** Quantities stated are an estimate only and no guarantee is given or implied as to quantities that will be used during the contract period. Estimated quantities are based upon previous use and/or anticipated needs.
3. **PRICING/PERIOD OF CONTRACT:** **Discounts and manufacturers bid for each category shall remain firm for the duration of the contract.** Duration of the contract(s) shall be for a period of five (5) years. Pricing is based on group discounts from the most current manufacturer's suggested retail price list (MSRP). The MSRP may only be adjusted as per the **bolded sentence below**. It is the vendor's responsibility to request any MSRP price list updates. The annual price adjustment request must be accompanied by supporting documentation, including a copy of the manufacturer's current price list. If products on MSRP are offered at lower price or sale promotion, the County shall receive the reduction if lower than the discount established by bid.

**MSRP price list can only be updated once per year and must be submitted no later than three (3) months prior to the contract anniversary date. This provides time for the County to update the asset management system.**

3. **AWARD:** Award will be made to a single bidder for all categories. If a bidder fails to submit a bid on all items, that bidder is not eligible for award. For evaluation purposes, a list of commonly used items, in 50 groups, shall be completed with price and discount to determine the low bidder. Once the low bidder is determined, pricing scenarios will not be used. Contract pricing for all items will be percentage discount off of current MSRP price list per category only.
4. **PRE-COMMENCEMENT MEETING:**  
Within ten (10) calendar days after the effective date of the contract, and prior to start of any work, a pre-commencement conference will be held with the successful Contractor. The meeting will require Contractor and the County Representative to review specific contract details and deliverable documents at this meeting to ensure the scope of work and work areas are understood.
5. **APPROVED EQUAL:** Bid submittals must be for products listed in specifications. For consideration of Approved Products during contract term follow below steps:
  - a) Products other than those listed in Section E, can be submitted to go through a one (1) year testing process. Products will be installed and undergo the standard new product testing process in the Pinellas County distribution system; The testing will include evaluation of quality, performance and other characteristics; by the PCU Warehouse Supervisor to determine whether the new product can be approved for use. The one (1) year test period and evaluation may be waived by the PCU Warehouse Supervisor if an existing Approved Product has been changed in a minor way that does not impact the functionality or reduce the longevity of the product, and the changes to the existing Approved Product are necessary to meet changing regulations, industry standards, or product improvement needs.
  - b) Once the product has undergone one (1) year of testing and has been deemed by the PCU Warehouse Supervisor to be an Approved Product, the contractor may be asked to provide a quoted price for the newly Approved Product(s). The product may be added to the appropriate group in this contract as an Approved Product or maybe added to the County's approved product specifications listing for future contracts.

## SECTION B - SPECIAL CONDITIONS

- c) Requests for an Approved Product testing shall be at the expense of the requestor for one (1) year. Requests must be submitted with supported evidence such as technical data test results and other pertinent information in sufficient details to clearly demonstrate the product is equal to or better than the specifications requirement and that it has a record of adequate performance and reliability. All requests are to be submitted to the PCU Warehouse Supervisor:

*Misael Munoz, PCU Warehouse Supervisor*  
[mmunoz@pinellascounty.org](mailto:mmunoz@pinellascounty.org)  
 727-464-5830

The County reserves the right to accept or not accept the request to test a product.

6. **BREACH OF CONTRACT:** Failure of Contractor to perform any of the services required by this contract within ten (10) days of receipt of written demand for performance from the County shall constitute breach of contract.
7. **PERMITS, FEES AND COSTS IMPOSED BY PINELLAS COUNTY TO BE OBTAINED BY AND/OR BORNE BY CONTRACTOR:** The Contractor is responsible for (1) determining and paying any fees that may be necessary to perform this contract and (2) determining and acquiring any and all permits and licenses required by any Federal, State or local government entity, agency or board that may be necessary to perform this contract. The Contractor shall maintain any and all permits and licenses required to complete this contract.
8. **WORKSITE SANITATION:** At the end of each workday, the contractor shall remove from the premises the daily accumulation of waste materials or rubbish caused by his operations. Safety hazards will be immediately corrected by the contractor. The contractor is also responsible for ensuring that any subcontractor hired by him or his subcontractors totally cleanup the worksite at the completion of the work. If the contractor fails to clean up at the completion of the work, the County may do so and deduct the cost of such cleanup from the contractor's most current invoice. The contractor will not be responsible for cleaning up debris left by the County's employees, the public utilizing other areas in the vicinity of the worksite, or left by other contractors.
9. **SUBMISSION OF BIDS:**  
 Paper documents must be provided, but should be accompanied by an equivalent electronic PDF file. Provide one original and one copy on paper, plus two (2) compact discs (CD). The preferred method is PDF conversion from your source files (to minimize file size and maximize quality and accessibility) rather than scanning.

**Instructions for Providing Files in PDF Format to Pinellas County Government**

**A. Why does Pinellas County Government want all the documents as PDF files?**

**Answer-** It's much more efficient to go paperless, and PDF is a universal file format that fits perfectly into government workflow processes.

**B. How do I convert my files to PDF format?**

**Answer-** If you have a program such as Adobe Acrobat, creating a PDF of any file is a simple print function. Rather than printing to a traditional printer, the file converts to a PDF format copy of your original. Any program (such as Word, PowerPoint, Excel, etc.) can be converted this way by simply selecting the print command and choosing PDF as the printer.

**C. Should I scan everything and save as PDF?**

**Answer-** Not unless you are scanning with OCR (optical character recognition). Scanning will create unnecessarily large files because a scan is just a picture of a page rather than actual page text. Furthermore, the result of scanning is that your pages will not look nearly as "clean" or professional as simply using the print to PDF method from the program from which the file originates. Additionally, since scan pages are pictures of text, not really text, they may not be considered accessible\* under Federal ADA guidelines (\*unless the scans are OCR.)



<b>SECTION C – INSURANCE REQUIREMENTS</b>
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**Notice:** The Contractor/Vendor must provide a certificate of insurance and endorsement in accordance with the insurance requirements listed below (Section C) prior to recommendation for award. Failure to provide the required insurance within a ten (10) day period following the determination or recommendation of lowest responsive, responsible bidder may result in the County to vacate the original determination or recommendation and proceed with recommendation to the second lowest, responsive, responsible bidder.

The Contracted vendor shall obtain and maintain, at all times during its performance of the Agreement, insurance of the types and in the amounts set forth. For projects with a Completed Operations exposure, Contractor shall maintain coverage and provide evidence of insurance for two (2) years beyond final acceptance. All insurance policies shall be from responsible companies duly authorized to do business in the State of Florida and have an AM Best rating of A- VIII or better.

- a) Bid submittals should include, the Bidder's current Certificate(s) of Insurance in accordance with the insurance requirements listed below. If Bidder does not currently meet insurance requirements, bidder shall also include verification from their broker or agent that any required insurance not provided at that time of submittal will be in place within 10 days after award recommendation.
- b) Within 10 days of **contract award** and prior to commencement of work, Bidder shall email certificate that is compliant with the insurance requirements to [CertsOnly-Portland@ebix.com](mailto:CertsOnly-Portland@ebix.com). If certificate received with bid was a compliant certificate no further action may be necessary. It is imperative that bidder include the unique identifier, which will be supplied by the County's Purchasing Department. The Certificate(s) of Insurance shall be signed by authorized representatives of the insurance companies shown on the Certificate(s). **A copy of the endorsement(s) referenced in paragraph d) for Additional Insured shall be attached to the certificate(s) referenced in this paragraph.**
- c) No work shall commence at any project site unless and until the required Certificate(s) of Insurance are received and approved by the County. Approval by the County of any Certificate(s) of Insurance does not constitute verification by the County that the insurance requirements have been satisfied or that the insurance policy shown on the Certificate(s) of Insurance is in compliance with the requirements of the Agreement. County reserves the right to require a certified copy of the entire insurance policy, including endorsement(s), at any time during the Bid and/or contract period.
- d) All policies providing liability coverage(s), other than professional liability and workers compensation policies, obtained by the Bidder and any subcontractors to meet the requirements of the Agreement shall be endorsed to include Pinellas County Board of County Commissioners as an Additional Insured.
- e) If any insurance provided pursuant to the Agreement expires prior to the completion of the Work, renewal Certificate(s) of Insurance and endorsement(s) shall be furnished by the Bidder to the County at least thirty (30) days prior to the expiration date.
  - (1) Bidder shall also notify County within twenty-four (24) hours after receipt, of any notices of expiration, cancellation, nonrenewal or adverse material change in coverage received by said Bidder from its insurer. Notice shall be given by certified mail to: Pinellas County, c/o Ebix BPO, PO Box 257, Portland, MI, 48875-0257; be sure to include your organization's unique identifier, which will be provided upon notice of award. Nothing contained herein shall absolve Bidder of this requirement to provide notice.
  - (2) Should the Bidder, at any time, not maintain the insurance coverages required herein, the County may terminate the Agreement, or at its sole discretion may purchase such coverages necessary for the protection of the County and charge the Bidder for such purchase or offset the cost against amounts due to bidder for services completed. The County shall be under no obligation to purchase such insurance, nor shall it be responsible for the coverages purchased or the insurance company or companies used. The decision of the County to purchase such insurance shall in no way be construed to be a waiver of any of its rights under the Agreement.
- f) The County reserves the right, but not the duty, to review and request a copy of the Contractor's most recent annual report or audited financial statement when a self-insured retention (SIR) or deductible exceeds \$50,000.

<b>SECTION C – INSURANCE REQUIREMENTS</b>
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- g) If subcontracting is allowed under this Bid, the Prime Bidder shall obtain and maintain, at all times during its performance of the Agreement, insurance of the types and in the amounts set forth; and require any subcontractors to obtain and maintain, at all times during its performance of the Agreement, insurance limits as it may apply to the portion of the Work performed by the subcontractor; *but in no event will the insurance limits be less than \$500,000 for Workers' Compensation/Employers' Liability, and \$1,000,000 for General Liability and Auto Liability if required below.*
- (1) All subcontracts between Bidder and its subcontractors shall be in writing. Further, all subcontracts shall (1) require each subcontractor to be bound to Bidder to the same extent Bidder is bound to the County by the terms of the Contract Documents, as those terms may apply to the portion of the Work to be performed by the subcontractor; (2) provide for the assignment of the subcontracts from Bidder to the County at the election of Owner upon termination of the Contract; (3) provide that County will be an additional indemnified party of the subcontract; (4) provide that the County will be an additional insured on all insurance policies required to be provided by the subcontractor except workers compensation and professional liability; (5) provide waiver of subrogation in favor of the County and other insurance terms and/or conditions as outlined below; (6) assign all warranties directly to the County; and (7) identify the County as an intended third-party beneficiary of the subcontract. Bidder shall make available to each proposed subcontractor, prior to the execution of the subcontract, copies of the Contract Documents to which the subcontractor will be bound by this Section C and identify to the subcontractor any terms and conditions of the proposed subcontract which may be at variance with the Contract Documents.
- h) Each insurance policy and/or certificate shall include the following terms and/or conditions:
- (1) The Named Insured on the Certificate of Insurance and insurance policy must match the entity's name that responded to the solicitation and/or is signing the agreement with the County. If Bidder is a Joint Venture per Section A. titled Joint Venture of this Bid, Certificate of Insurance and Named Insured must show Joint Venture Legal Entity name and the Joint Venture must comply with the requirements of Section C with regard to limits, terms and conditions, including completed operations coverage.
- (2) Companies issuing the insurance policy, or policies, shall have no recourse against County for payment of premiums or assessments for any deductibles which all are at the sole responsibility and risk of Contractor.
- (3) The term "County" or "Pinellas County" shall include all Authorities, Boards, Bureaus, Commissions, Divisions, Departments and Constitutional offices of County and individual members, employees thereof in their official capacities, and/or while acting on behalf of Pinellas County.
- (4) The policy clause "Other Insurance" shall not apply to any insurance coverage currently held by County or any such future coverage, or to County's Self-Insured Retentions of whatever nature.
- (5) All policies shall be written on a primary, non-contributory basis.
- (6) Any Certificate(s) of Insurance evidencing coverage provided by a leasing company for either workers compensation or commercial general liability shall have a list of covered employees certified by the leasing company attached to the Certificate(s) of Insurance. The County shall have the right, but not the obligation to determine that the Bidder is only using employees named on such list to perform work for the County. Should employees not named be utilized by Bidder, the County, at its option may stop work without penalty to the County until proof of coverage or removal of the employee by the contractor occurs, or alternatively find the Bidder to be in default and take such other protective measures as necessary.
- (7) Insurance policies, other than Professional Liability, shall include waivers of subrogation in favor of Pinellas County from both the Bidder and subcontractor(s).

**SECTION C – INSURANCE REQUIREMENTS**

i) The minimum insurance requirements and limits for this Agreement, which shall remain in effect throughout its duration and for two (2) years beyond final acceptance for projects with a Completed Operations exposure, are as follows:

(1) Workers' Compensation Insurance

Limit Florida Statutory

Employers' Liability Limits

Per Employee	\$ 100,000
Per Employee Disease	\$ 100,000
Policy Limit Disease	\$ 500,000

(2) Commercial General Liability Insurance including, but not limited to, Independent Contractor, Contractual Liability Premises/Operations, Products/Completed Operations, and Personal Injury.

Limits

Combined Single Limit Per Occurrence	\$ 1,000,000
Products/Completed Operations Aggregate	\$ 1,000,000
Personal Injury and Advertising Injury	\$ 1,000,000
General Aggregate	\$ 2,000,000

(3) Business Automobile or Trucker's/Garage Liability Insurance covering owned, hired, and non-owned vehicles. If the Bidder does not own any vehicles, then evidence of Hired and Non-owned coverage is sufficient. Coverage shall be on an "occurrence" basis, such insurance to include coverage for loading and unloading hazards, unless Bidder can show that this coverage exists under the Commercial General Liability policy.

Limit

Combined Single Limit Per Accident	\$ 1,000,000
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(4) Excess or Umbrella Liability Insurance excess of the primary coverage required, in paragraphs (1), (2), and (3) above:

Limits

Each Occurrence	\$ 1,000,000
General Aggregate	\$ 1,000,000

(5) Property Insurance Bidder will be responsible for all damage to its own property, equipment and/or materials.

**SECTION D – VENDOR REFERENCES**

**Bid Title: Water and Sewer Materials**

**Bid Number: 156-0035-B(LN)**

THE FOLLOWING INFORMATION IS REQUIRED IN ORDER THAT YOUR BID MAY BE REVIEWED AND PROPERLY EVALUATED.

COMPANY NAME: \_\_\_\_\_

LENGTH OF TIME COMPANY HAS BEEN IN BUSINESS: \_\_\_\_\_

BUSINESS ADDRESS: \_\_\_\_\_

HOW LONG IN PRESENT LOCATION: \_\_\_\_\_

TELEPHONE NUMBER: \_\_\_\_\_ FAX NUMBER: \_\_\_\_\_

TOTAL NUMBER OF CURRENT EMPLOYEES: \_\_\_\_\_ FULL TIME \_\_\_\_\_ PART TIME

NUMBER OF EMPLOYEES YOU PLAN TO USE TO SERVICE THIS CONTRACT: \_\_\_\_\_

**All references will be contacted by a County Designee via email, fax, mail or phone call to obtain answers to questions, as applicable before an evaluation decision is made.**

LOCAL COMMERCIAL AND/OR GOVERNMENTAL REFERENCES THAT YOU HAVE PREVIOUSLY PERFORMED SIMILAR CONTRACT SERVICES FOR:

1. COMPANY: \_\_\_\_\_ 2. COMPANY: \_\_\_\_\_

ADDRESS: \_\_\_\_\_ ADDRESS: \_\_\_\_\_

TELEPHONE/FAX: \_\_\_\_\_ TELEPHONE/FAX: \_\_\_\_\_

CONTACT: \_\_\_\_\_ CONTACT: \_\_\_\_\_

CONTACT EMAIL: \_\_\_\_\_ CONTACT EMAIL: \_\_\_\_\_

COMPANY EMAIL ADDRESS: \_\_\_\_\_ COMPANY EMAIL ADDRESS: \_\_\_\_\_

3. COMPANY: \_\_\_\_\_ 4. COMPANY: \_\_\_\_\_

ADDRESS: \_\_\_\_\_ ADDRESS: \_\_\_\_\_

TELEPHONE/FAX: \_\_\_\_\_ TELEPHONE/FAX: \_\_\_\_\_

CONTACT: \_\_\_\_\_ CONTACT: \_\_\_\_\_

CONTACT EMAIL: \_\_\_\_\_ CONTACT EMAIL: \_\_\_\_\_

COMPANY EMAIL ADDRESS: \_\_\_\_\_ COMPANY EMAIL ADDRESS: \_\_\_\_\_

<b>SECTION E – SPECIFICATIONS</b>
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**Bid Title: Water and Sewer Materials  
Bid Number: 156-0035**

**A. INTENT**

In accordance with the attached specifications, Pinellas County Utilities (PCU) is seeking to establish a contract with a single contractor to supply water, sewer and related materials for PCU Maintenance Department centralized warehouses.

**B. BACKGROUND**

PCU is an organization of more than 500 employees reporting to the Board of County Commissioners through the County Administrator. PCU supports three major functions, Water, Wastewater, and Reclaim, under the direction of the Director of Utilities who reports to the County Administrator.

PCU provides water and wastewater services directly to a residential and commercial client base of approximately 112,000 customers consisting of approximately 360,000 citizens throughout Pinellas County.

The current work management system currently deployed within the Utilities Department is IBM's Maximo. The Maximo software is the primary program for managing inventory, scheduling maintenance of the infrastructure, creating requisitions, and issuing materials to trucks (aka rolling warehouses). Maximo interfaces with the County's Oracle accounting and costing software. Inventory is tracked and purchased based on the information provided in Maximo. At some point over the next five (5) years, the County may implement a new asset management system.

Changing Ordering and Inventory, Performance, and Budget Management in Future – Please note that the software changes that PCU will be making in the future does not impact the initial term of this contract. PCU Maintenance Division prefers to conduct supply business electronically in a format in which equipment/material requests automatically feed the current asset management system. At such time that the County converts the warehouse to the new Enterprise Asset Management (EAM) software, the County anticipates the need to amend this contract for the contractor(s) to share materials electronic files with the County. The expectation for EAM is that materials will be ordered electronically from a single point of data entry which cascades through the ordering process, inventory control process, and budget management process with no rekeying of information. Suppliers may need to provide an on-line order system via an internet link complete with access to real-time management reports that interface with the new EAM system for a single point of data entry for all of the systems involved in management of the warehouse and inventory control.

The day to day operations of the warehouses is currently managed by a Utility Warehouse Supervisor, who is assigned to oversee both warehouses, but works out of the South Maintenance location. The North Maintenance warehouse has two full-time employees; the South Maintenance Warehouse has three full-time employees.

Pinellas County Utilities  
South Maintenance Warehouse  
6730 142<sup>nd</sup> Avenue North  
Largo, FL 33771

Pinellas County Utilities  
North Maintenance Warehouse  
3900 Dunn Drive  
Palm Harbor, FL 34683

**C. CONTRACTOR REQUIREMENTS:**

Contractor shall provide all services and furnish required materials as specified or indicated:

- 1) Maintain stock to support daily PCU operations at Maintenance Division warehouses. The Contractor shall be responsible to hold and furnish a stock inventory program for PCU at their facility, to enable delivery on an as needed basis.
- 2) Contractor shall ensure that minimum levels of specified stock are being maintained by providing County staff with 24/7 access to contractors inventory database for inquiry, and available for downloading into a spreadsheet or printing.

<b>SECTION E – SPECIFICATIONS</b>
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- 3) Provide an on-line order system via an internet link complete with access to real-time management reports. Accept Pinellas County Pcard as form of payment.
- 4) Furnish and deliver requested materials generally within 1-3 business days to any designated PCU site within geographical Pinellas County. Contractor shall stock and manage a minimum inventory to meet or exceed seven (7) calendar day requirements. Large project orders shall be delivered to the project site throughout geographical Pinellas County, as specified by PCU. Requests shall be made at the time of order. Same day delivery (within eight hours) may be required for emergencies.
- 5) Provide 24/7 contact and assistance for after hours emergencies at pre-commencement meeting.
- 6) All potable, sewer, and reclaimed water materials and related parts shall meet all current applicable state and federal regulatory requirements and all industry standards at the time of purchase. As these regulatory requirements and industry standards are changed, the materials provider shall provide materials that comply with these changes within the required time period.
- 7) Affidavit of Compliance - An affidavit of compliance with the latest version of state and federal regulatory requirements and industry standards entitled "Mandatory Affidavit of Compliance" shall be signed by an Authorized Representative of Company, notarized, and submitted with the bid. (Attachment A) The affidavit shall also affirm that the materials used in manufacturing the water, sewer, and reclaimed parts are in compliance with the most current regulatory requirements and standards including those for low-lead drinking water conveyance materials and food additive standards for coatings. Proof of material regulatory compliance shall be promptly provided to PCU when requested
- 8) Material Specifications Compliance -
  - a) Underwriter Laboratories (U.L.) or Factory Mutual (F.M.) Compliance - An affidavit of compliance, Mandatory Affidavit of Compliance, should accompany the bid for any item that has U.L. and/or F.M. requirements in the specification.
  - b) International Standards Organization – ISO 9000, 9001, 9002 - An affidavit of compliance, **Mandatory Affidavit of Compliance**, should accompany the bid for any items manufactured, or with components manufactured, outside of the United States. If at any time during the life of the contract, any of the manufacturing facilities loses certification, fails to be re-certified or changes status from those presented with the bid, the contractor shall immediately notify PCU of such changes and submit the update certifications for approval. Failure to present such information and secure PCU acceptance shall deem the product to be in non-compliance and subject to refusal by PCU.
- 9) Product Guarantee - The contractor(s) shall guarantee materials and workmanship of all items, accessories and parts to operate within the range of the required specifications for a period of at least eighteen (18) months from the date of delivery. Any materials, which fail to operate accordingly for eighteen (18) months will be repaired or replaced by the contractor and he shall furnish without additional cost any parts required to place such defective item in suitable operating condition. The contractor(s) shall be responsible for reimbursing PCU for any costs incurred by PCU in replacing or repairing defective items or due to damages caused to life and property as a result of failure of a defective item
- 10) Review PCU Maintenance current warehouse business processes and recommend "best practices" to help reduce future costs and maximize efficiencies. The Contractor will work with Maintenance Division staff in a manner that will maximize staff time, reduce inventory levels and minimize stock outages. The Contractor will have set schedules with each warehouse to review stock levels, (minimums/maximums), conduct analysis', review reports, disseminate new information, review outstanding issues, help to streamline processes, and provide any new information that is pertinent to the Utility industry. A heavy emphasis shall be placed on optimal business process design and effective change management within the inventory control and warehousing environment

**D. COUNTY REQUIREMENTS:**

- 1) After award, PCU shall provide the Contractor with a list of North and South Maintenance Division stock items, purchasing descriptions, minimum and maximum levels, and past twelve (12) months usage.

**SECTION E – SPECIFICATIONS**

2) The County shall provide all specifications and protocols for connectivity required for e-commerce implementation.

**E. DELIVERABLES**

1) Material Shipment and Identification – Each shipment of potable, sewer, and, reclaimed water materials, shall be clearly marked with the Purchase Order Number and the name of employee requesting the materials. A packing slip listing PCU & MFG parts numbers, description of the item, Purchase Order Number, and contractor order number shall also be included with each shipment.

2) Increase Effectiveness Through Vendor Collaboration - The contractor should work with PCU Warehouse staff in a manner that will maximize staff time, reduce inventory levels and minimize stock outages. It is important to note that the contractor(s) shall have set schedules with the warehouse to review stock levels, minimums/maximums, conduct analysis', disseminate new information, review outstanding issues, help to streamline processes, and provide any new information that is pertinent to the utility industry including

3) Quarterly Business Review Meeting - The contractor will participate in development of contract performance measures and targets with the Maintenance Division Warehouse. Contractor performance will be measured and tracked against these targets. Performance will be reviewed quarterly to discuss performance results, trends, gaps in meeting targets, and corrective action plans. Examples of possible performance measures might be “number of items supplied”, “number of orders supplied”, “percent of orders received on time”, “number of supply/delivery/invoice errors”, or “number of items back ordered to date”.

4) Delivery Time – Delivery time is important in the award of the PCU contract. PCU considers delivery time to be that period elapsing from the time the individual order is placed until PCU receives the order at a Maintenance Division warehouse. Delivery of individual items in other than bulk packaging may be required. The contractor shall furnish and deliver requested water, sewer, and reclaimed materials and accessories to the Maintenance Division warehouse within five (5) business days of placement of on line order. Emergency orders shall be delivered within two (2) business days.

Shipments shall be accepted between the hours of 7:00 A.M. and 4:00 P.M. Monday through Friday. Shipments received after 4:00 P.M. or without a delivery/shipping ticket can be refused. If shipping instructions regarding pallets, crates, boxes, etc. are not compliant with these bid documents, the shipment can be refused

5) Emergency Assistance - Provide 24/7 contact and assistance for after hours emergencies at pre-commencement meeting. Provide the name, cell phone number and email address of the responsible employee from your organization who can be contacted for emergencies. Provide the name, cell phone number and email address for the back-up responsible employee from your organization for emergency assistance. The contractor shall immediately notify PCU Maintenance Warehouse of any changes in emergency contacts and/or changes in their contact information. An emergency may be caused by water, wastewater or reclaimed water pipeline breaks, hurricanes, or other infrastructure or natural disaster that impacts our citizens' well being. The Contractor shall be available to furnish and deliver Emergency Parts List Materials at any time. Materials not identified in the Materials List and Cost Submittal may be required by PCU on an emergency basis. Emergency orders must be delivered within two (2) business days.

<b>SECTION E – SPECIFICATIONS</b>
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**SUPPLEMENTAL SPECIFICATIONS**

This document details equipment and parts requirements and lists the Approved Manufacturers by Group.

**1. BRASS SERVICE LINE FITTINGS AND ACCESSORIES CTS O.D.:**

All of the fittings in this group shall be of compression type for CTS pipe with an external gripping device. Threaded ends will be standard IPS thread. Brass shall conform to ASTM B62 (85-5-5-5) or latest revision thereof. All fittings in this group are to be supplied for use with Polyethylene Tubing, DR9 per ASTM D2737 dimensional standard, copper tubing size (CTS) controlled outside diameter.

**APPROVED PRODUCTS:**

- Cambridge Brass Campak
- Ford Pack-Joint
- A.Y. Mc Donald Mac-Pak
- James Jones J2600 Series
- Mueller Pack-Joint

**2. BRASS SERVICE LINE FITTINGS AND ACCESSORIES IPS O.D.:**

All of the fittings in this group shall be of compression type for iron pipe size (IPS) outside diameter (O.D.) controlled HDPE, PVC or STEEL pipe, (to be specified at time of order) with an external gripping device. Threaded ends will be standard IPS thread. Fittings described by "PVC" means for use on PVC and HDPE. Fittings described by "IPS" means for use on galvanized steel pipe. Brass shall conform to ASTM B62 (85-5-5-5) or latest revision thereof. All 2" fittings designated "PVC" in this group shall be supplied for use with IPS OD controlled P.E. DR9 per ASTM D3035 dimensional standard, iron pipe size (IPS) controlled outside diameter. Fittings shall be furnished with an affidavit from the manufacturer that the supplied product is recommended for installation on HDPE, PVC and STEEL pipe.

**APPROVED PRODUCTS:**

- Cambridge Brass Campak
- Ford Pack-Joint
- A.Y. Mc Donald Mac-Pak
- James Jones J2600 Series
- Mueller Pack Joint

**3. PLASTIC TUBING INSERTS C.T.S.:**

Plastic tubing inserts or liners shall be molded from a PVC or thermoplastic material. Inserts shall fit snugly inside the tubing to prevent collapse at pack joint compression connections. Shall have beveled flange end to eliminate cutting of O-rings or gaskets during installation, and a rounded insert end prevents damage when inserted into the poly tubing. Plastic tubing stiffeners (3/4" & 1") shall be used with P.E. DR9 per ASTM D2737 dimensional standard, copper tubing size (CTS) controlled outside diameter.

**APPROVED PRODUCTS:**

- A.Y. Mc Donald
- Mars Company

**4. MISCELLANEOUS BRASS FITTINGS:**

Nipples and Bushings shall be made from red brass conforming to ASTM B43, B62 and ANSI B16.15 or latest revision thereof and have standard iron pipe threads.

**APPROVED PRODUCTS:**

- Merit Brass
- Lee Brass
- Cambridge Brass
- Ford



<b>SECTION E – SPECIFICATIONS</b>
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5. **3/4" & 1" METER COUPLINGS (Standard Length):**

Straight brass meter coupling for use with 5/8"x3/4" and 1" meters with outside iron pipe threads on tailpiece and slip-on meter swivel nut. 3/4" and 1" tailpiece must be machined inside and outside and must have round smooth outside finish, not hex cut. All couplings are to be manufactured from water works brass meeting or exceeding (ASTM B-62) and supplied with 1/8" thick black EPDM or Nitrile Buna-N rubber washers. 3/4" couplings shall be 2-1/2" in length and 1" couplings shall be 2-5/8" in length.

**APPROVED PRODUCTS:**

- A.Y. Mc Donald 4624 and 4626 series
- James Jones J-130-S series
- Cambridge smooth barrel 417NL-T3M32250 & 417NL-T4M42250
- Mueller H10890 and H10896 series
- Lee Brass #87-MLH
- Grand Haven 2002A and 2004A

6. **3/4" & 1" METER COUPLINGS (Short Length):**

Straight brass meter coupling for use with 5/8"x3/4" and 1" meters with outside iron pipe threads on tailpiece and slip-on meter swivel nut. 3/4" and 1" tailpiece must have an inside hex wrench surface. All couplings are to be manufactured from water works brass meeting or exceeding (ASTM B-62) and supplied with 1/8" thick black EPDM or Nitrile Buna-N rubber washers. 3/4" couplings shall be 1-5/8" in length and 1" couplings shall be 1-1/2" in length.

**APPROVED PRODUCTS:**

- Ford C38-23-1.625 and C38-44-1.5

7. **3/4" & 1" METER COUPLING BUSHINGS:**

All meter coupling bushings are to be manufactured from water works brass meeting or exceeding (ASTM B-62). Meter bushings shall be female iron pipe thread by male meter thread conforming to AWWA C700 for meter threads. Meter coupling bushings must have a smooth machined face on the male end to permit proper sealing against gasket materials.

**APPROVED PRODUCTS:**

- Ford 3/4" BBIM-33 and 1" BBIM-44

8. **METER COUPLINGS WITH BUSHING 1-1/2" & 2":**

Straight brass meter coupling with outside iron pipe threads on tailpiece and slip-on meter swivel nut. 1-1/2" and 2" tailpiece must be ribbed on outside and cored on inside. METER BUSHINGS MUST have a smooth machined face on the male end to permit proper sealing against gasket materials. All couplings shall be supplied with MACHINE FACED BUSHINGS and a black EPDM or Nitrile Buna-N rubber washers.

**APPROVED PRODUCTS:**

- Grand Haven 2008A/2008B and 2010A/2010B only

9. **BUSHING, METER COUPLING, 1-1/2" & 2":**

All meter coupling bushings are to be manufactured from water works brass meeting or exceeding (ASTM B-62). Meter bushings shall be female iron pipe thread by male meter thread conforming to AWWA C700 for meter threads. Meter coupling bushings must have a smooth machined face on the male end to permit proper sealing against gasket materials.

<b>SECTION E – SPECIFICATIONS</b>
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**APPROVED PRODUCTS:**

- Ford 1-1/2" BBIM-66 and 2" BBIM-77
- A.Y. Mc Donald 4620BB 1-1/2" and 4620BB 2"
- Grand Haven 2008B and 2010B
- Trumbull
- James Jones

10. **BRASS SERVICE VALVE:**

Valves shall have a cast bronze body conforming to ASTM B62 (85-5-5-5) with both ends having female iron pipe threads. All valves shall have locking wing capable of allowing standard padlock to swivel. All valves must be full port opening.

**APPROVED PRODUCTS:**

- Ford B-11 "W" series
- Cambridge 212-F3F3, 212-F4F4, 212-F6F6 and 212-F7F7
- A.Y. Mc Donald 6101-LW series
- James Jones J-1900W series
- Mueller 300 B-20200 series with lock wing

11. **BALL, STRAIGHT, METER VALVE:**

Meter valves shall have a cast bronze body conforming to ASTM B62 (85-5-5-5). Inlet side shall be compression type with locking wing for CTS pipe with external gripping device. Outlet side shall be meter saddle nut. Valves shall be full port opening. All valves are to be supplied for use with P.E. DR9 per ASTM D2737 dimensional standard, copper tubing size (CTS) controlled outside diameter. Stops shall be enclosed for protection against sand and debris.

**APPROVED PRODUCTS:**

- Cambridge 212-B3T3, 212-B4T4 and 212-B4T3
- Ford Pack-Joint B43-332W, B43-444W and B43-342W
- A.Y. Mc Donald 6100MW-22 SERIES
- Mueller P-24350 series
- James Jones J1925WSG

12. **CORPORATION STOPS:**

Corporation stops shall have a cast bronze body conforming to ASTM B62 (85-5-5-5). Design for 3/4" & 1" shall be plug or ground key type corporation. Inlet shall be AWWA/CC thread for 3/4" & 1" outlet shall be of compression type for CTS pipe with external gripping device. All 3/4" & 1" corporation stops are to be supplied for use with P.E. DR9 per ASTM D2737 dimensional standard, copper tubing size (CTS) controlled outside diameter.

**APPROVED PRODUCTS:**

- Cambridge Brass 302-A3B3 and 302-A4B4
- Ford Pack Joint F-1000 1, F-1000-4,
- A.Y. Mc Donald Mac-Pac 4701-22-3/4 and 4701-22-1
- James Jones J3401-3/4 and J3401-1
- Mueller P-15008-3/4 and P-15008-1.

13. **SERVICE SADDLES FOR 2" PVC:**

The saddle body shall be made of 85-5-5-5 brass alloy per ASTM B62. Saddles shall be of hinged strap design. The straps shall be made from bronze. Strap studs, nuts and washers shall be from bronze and shall be treated to prevent galling. The straps shall have a curvature accurately formed to meet the diameter of the pipe on which the service saddle is to be installed. There shall be a Nitrile Buna-N or EPDM rubber gasket securely glued to or imbedded in the body of the clamp to insure positive sealing against pipe. Outlet size of 3/4" and 1" shall have female C.C. thread.

<b>SECTION E – SPECIFICATIONS</b>
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**APPROVED PRODUCTS:**

- A.Y. Mc Donald 3891
- Cambridge Brass 800-0238-A3 and 800-0238-A4
- Ford S70-203 and S70-204
- Mueller S-13420

14. **MECHANICAL JOINT FITTINGS/CLASS 350 DUCTILE IRON:**

All fittings supplied must have ISO 9001 or later certification, or poured in a foundry located in the U.S.A. ISO Standard certification shall be specific to the foundry where the fitting was cast and each fitting's documentation shall describe all identification marks (heat numbers, bill of shipment, certificate of origin, etc.). All fittings must be short body and comply with AWWA C153 (ANSI - A21.53) working pressure, AWWA C111 (ANSI - A21.11) joint requirements. Water fittings shall be AWWA C104 (ANSI - A21.4) or latest revisions thereof, cement lining and tar coating, or AWWA C116 C116 (ANSI-A21.16) fusion bonded epoxy coating and lining. All shall be Factory Mutual Approved (FM) and Underwriters Laboratory Listed (UL) as noted by (UL/FM) for sizes four (4") thru twelve (12") inch. Shall comply with and be labeled as approved by the National Sanitation Foundation (NSF) for use in potable water lines meeting NSF 61 when ordered with cement lining or fusion bonded epoxy coating. Sewer fittings shall have the interior coated (factory applied) with an amine cured novolac epoxy containing at least 20% by volume of ceramic quartz pigment (40 mils thick) or approved equal and have a asphalt coating on the exterior. All fittings shall be supplied without accessories. Affidavit of compliance to this specification shall be available upon request.

**APPROVED PRODUCTS:**

- U.S. Pipe
- Tyler/Union Foundry
- Star Pipe Products
- American Cast Iron
- Sigma Corp
- Clow

15. **PACKAGED MULTIPLE WEDGE STYLE MECHANICAL JOINT RESTRAINTS/D.I. PIPE:**

Restraint Devices for restraining plain-end D.I. Pipe to Mechanical Joint Fittings: Joint restraints shall conform to AWWA C110 (ANSI A21.10) and AWWA C111 (ANSI A21.11) or latest revision thereof. Restraint shall be boxed with all necessary accessories for making an M/J restrained joint connection (T head bolts, gasket, gland body and wedge action restraint components). Restraint nuts must be shear type torque design. All restraints furnished under this specification must be U.L. listed and F.M. approved for fire service. Contents of package shall be clearly printed on outside of box, i.e.: number and size of bolts, size of gasket and retainer gland, type of gland. Boxes must be waxed or plastic wrapped. Box will contain one retainer gland set. Each set shall contain the retainer gland, bolts, nuts, and gasket.

**APPROVED PRODUCTS:**

- Ebba Iron Mega Lug Series 1100 and 1100SD
- Star, Stargrip 3000 series
- Griffin Wedge Action
- Ford Uniflange 1400 series
- Romac's Romagrip
- Sigma One-Lok series SLDE

<b>SECTION E – SPECIFICATIONS</b>
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**16. PACKAGED MULTIPLE WEDGE STYLE MECHANICAL JOINT RESTRAINTS/ PVC PIPE:**

Restraint devices for restraining plain-end P.V.C. pipe to mechanical joint fittings. Joint restraints shall conform to AWWA C110 (ANSI A21.10) and AWWA C111 (ANSI A21.11) or latest revision thereof. Restraint shall be boxed with all necessary accessories for making an M/J restrained joint connection (T head bolts, gasket, gland body and wedge action restraint components). Restraint nuts must be shear type torque design. All restraints furnished under this specification must be U.L. listed and F.M. approved for fire service. Contents of package shall be clearly printed on outside of box, i.e.: number and size of bolts, size of gasket and retainer gland, type of gland. Boxes must be waxed or plastic wrapped. Box will contain one retainer gland set. Each set shall contain the retainer gland, bolts, nuts, and gasket.

**APPROVED PRODUCTS:**

- Ebba Iron Mega Lug series 2000pv
- Star, Stargrip 4000 series
- Ford Uniflange 1500 series

**17. PRE-PACKAGED JOINT RESTRAINTS & ADAPTER FLANGES:**

Restraint Devices for restraining plain-end PVC Pipe to Mechanical Joint Fittings, Restraint Devices for bell and spigot joints of PVC Pipe, Flange Adapters for plain-end PVC and Pipe Flange Adapters for plain-end ductile iron pipe shall be packaged with all necessary accessories for making one restrained joint connection. (T-head bolts, gasket, gland, restraint device in shrink- wrapped corrugated container clearly labeled with contents and nominal pipe size). Flange adapters for plain-end ductile iron pipe furnished under this specification shall be Factory Mutual Approved (FM) or Underwriters Laboratories Listed (UL) as noted by (UL/FM).

**APPROVED PRODUCTS:**

- **P/E PVC TO MJ:**
  - Ebba Iron 15PF00 series
  - Star 1000C series
  - Ford Uniflange 1300 series
  - Sigma PV-LOK series

**PRE-PACKAGED JOINT RESTRAINTS & ADAPTER FLANGES-**

- **P/E D.I. TO FLANGE:**
  - Ebba Iron 1000 & 2100 series
  - Ford Uniflange 200, 400 and 420 series
  - Star 200 seriesS
  - Romac Field Flange
  - Sigma Zip Flange Series
  - Tyler/Union Adapter Flange
- **PVC BELL & SPIGOT JOINT:**
  - Ebba Iron 6500 & 7500 series (2"IPS), 1500, 1500TD, 1600, 1600TD series (C-900)
  - Star 1100 & 1200 series (C-900)
  - Ford Uniflange 1350, 1360, 1390 series (2"IPS), 1390 series (C-900)
  - Sigma PV-LOK series (C-900)

**18. RESILIENT-SEATED LINE VALVES:**

Valves shall conform to AWWA Standard C509 (standard wall thickness) or AWWA C515 (standard for reduced wall thickness) for resilient seated gate valves with non-rising stems. Valves 4" and larger shall have a ductile iron body. Valves shall have "O" ring stem seals and shall open counterclockwise. Valves shall be NSF Standard 61 certified and be epoxy coated, inside and out, and conform to AWWA C550 (Protective Epoxy Coatings for Valves and Hydrants). All wedges shall be fully encapsulated with EPDM (ethylene-propylene) rubber and have a permanent raised identification mark "EPDM" or the formula designation. All seals and O-rings shall be Nitrile Buna-N or EPDM rubber. All exterior nuts and bolts shall be stainless steel. All main line valves, 4" and larger, shall have both ends mechanical joint, conforming to AWWA C111 (ANSI A21.11). Valves furnished under this specification 4" and larger, shall be Factory Mutual Approved (FM) and Underwriter Laboratory Listed (UL) as noted by (UL/FM) and have visible and permanent labels on each valve. 2" valves shall have I.P.S. internally threaded

<b>SECTION E – SPECIFICATIONS</b>
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(F.I.P.) end configuration. Brass or stainless steel stems are acceptable for 2" valves only. Cast iron or ductile iron bodies are acceptable for 2" valves only. All valves, 4" and larger, shall be furnished without accessories. **Affidavit of compliance shall accompany proposal stating the valves and all materials used in its construction conform to AWWA C509 or C515 and the above specification, and that all tests specified therein have been performed and that all test requirements have been met.**

**APPROVED PRODUCTS:**

- 4" thru 8"
  - Clow Valve 2639 and 2640
  - Kennedy Valve KS-RW 8057 and 7057
  - American AVK 03-063-39 and AFC-2500
  - M & H Valve Co. 4067-07
  - Mueller A-2360 Series
- 2" Valves:
  - Clow Valve 2638 series
  - Kennedy Valve KS-RW 7571 series
  - American AVK 45 series and AFC-2500
  - U.S. Pipe Metroseal 250 Series
  - M & H Valve Co. 7000 series
  - Mueller A-2361 Series

19. **RESILIENT-SEATED TAPPING VALVES:**

Tapping Valves shall conform to AWWA Standard C509 (standard wall thickness) or AWWA C515 (standard for reduced wall thickness) for resilient seated gate valves with non-rising stems. All valves shall have a ductile iron body. Valves shall have "O" ring stem seals and shall open counterclockwise. Valves shall have Inlet flange design with a raised tapping alignment centering ring and conform to MSS SP-60 Standard and have a laying length sufficient to allow complete retraction of A.P. Smith Tapping Machine when valve is in fully closed position. Valves shall be NSF Standard 61 certified and be epoxy coated, inside and out, and conform to AWWA C550 (Protective Epoxy Coatings for Valves and Hydrants).

All wedges shall be fully encapsulated with EPDM (ethylene-propylene) rubber and have a permanent raised identification mark "EPDM" or the formula designation. All seals and O-rings shall be Nitrile Buna-N or EPDM rubber. All exterior nuts and bolts shall be stainless steel. Tapping valves shall have one end mechanical joint in accordance with AWWA C111 (ANSI A21.11). Valves furnished under this specification shall be Factory Mutual Approved (FM) and Underwriter Laboratory Listed (UL) as noted by (UL/FM) and have visible and permanent labels on each valve. Shipments shall come with bolts, nuts and gaskets for flanged side only. **Affidavit of compliance shall accompany bid stating the valves and all materials used in its construction conform to AWWA C509 or C515 and the above specification, and that all tests specified therein have been performed and that all test requirements have been met.**

**APPROVED PRODUCTS:**

- American AVK 45 series and AFC 2500 series
- U.S. Pipe Metroseal 250 series
- Clow Valve 2638 series
- Kennedy Valve KS-RW 7950 series
- M & H Valve Co. 7590 series
- Mueller T-2361 series
- Specified Fitting, Inc.

20. **RESILIENT-SEATED OS&Y VALVES:**

This specification covers iron body resilient-seated outside screw-and-yoke (OS&Y) rising stems for use in potable water systems, size 3" through 12". Valves shall conform to AWWA Standard C509 (standard wall thickness) or AWWA C515 (standard for reduced wall thickness) for resilient seated gate valves with rising stems. Valves shall be NSF Standard 61 certified. Valve shall be epoxy coated, inside and out, and conform to AWWA C550 (Protective Epoxy Coatings for Valves and Hydrants). All wedges shall be fully encapsulated with EPDM (ethylene-propylene) rubber and have a permanent raised identification mark "EPDM" or the formula designation. All seals and O-rings shall be Nitrile Buna-N or EPDM rubber. All exterior nuts and bolts shall be stainless steel. Valves furnished under this specification shall be Factory Mutual Approved (FM) and Underwriters Laboratories Listed (UL)

<b>SECTION E – SPECIFICATIONS</b>
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as noted by (UL/FM) and have visible and permanent labels on each valve. Valves shall open counterclockwise. Valve ends shall be flanged. **Affidavit of compliance shall accompany proposal stating the valves and all materials used in its construction conform to AWWA C509 or C515 and the above specification, and that all tests specified therein have been performed and that all test requirements have been met.** Shipments shall be palletized.

**APPROVED PRODUCTS:**

- Kennedy Valve KS-RW series
- Clow Valve Co. 2638, 2639 and 2640 series
- U.S. Pipe Metroseal 250 series
- American AVK 25 and 45 series and AFC-2500 series
- M & H Valve Co. 4068 Series
- Mueller Valve Co. R-2360

21. **VALVE BOX:**

All valve boxes shall be of the slip or sliding type. Round head boxes shall have with lid marked "WATER" or "SEWER" (designation at time of order). Square head boxes shall have with lid marked "RECLAIMED". All valve boxes and lids shall be produced from gray cast iron conforming to the latest revision of specification for gray iron castings, ASTM designation A48, class 30A-35. Valve boxes, covers and adapters shall be designed, constructed and capable of withstanding H-20 type loading. All casting must be poured at a foundry located in the U.S.A. or have ISO 9001 or later certification.

All castings shall have distinctly cast upon them the manufacture's identification. All castings shall be true and free of holes. They shall be cleaned according to good foundry practice, chipped and ground as needed to remove fins and rough places on castings.. All castings shall have a black paint or seal-coated finish. When casting is complete, the lid shall fit flush in the box without forcing and shall not rock. One (1") and two (2"), (a tolerance of one half (1/2") for each height will be acceptable), extensions shall be continuously compatible to achieve any desire height. If a different lid is used for square box extensions it will be supplied and included in the price. Round lids shall have a minimum skirt of one and one-half (1-1/2"), for a total lid height of three and one-half (3-1/2") inches. All boxes shall have a five and one-quarter (5-1/4") inch shaft. Round heads shall be nine (9") inches in diameter; square heads shall be seven and one-quarter (7-1/4") inches square. Each piece shall not have a weight of less than 95% of the minimum weight as follows: round lid= 13 lbs., 1" round extension= 6 lbs., 2" round extension= 9 lbs., 10" round top= 22lbs., 16" round top= 29lbs., 15" bottom section= 20lbs., 25" bottom section= 30 lbs., 36" bottom section= 45 lbs., square lid= 11 lbs., 10" square top= 28 lbs., 1-1/4"- 1-1/2" square extension= 9lbs., 2"- 2-1/4" square extension= 12 lbs., **Bidder shall submit with bid shop drawings of the particular castings to be supplied showing dimensions and identification markings together with any additional information needed to interpret the shop drawings.**

**APPROVED PRODUCTS:**

- Bingham & Taylor
- Sigma Corporation
- Tyler/Union Foundry

22. **HDPE ADJUSTMENT RINGS:**

All adjustment rings shall be manufactured from High Density Polyethylene (HDPE) as defined in ASTM D1248, standard specification for polyethylene plastic molding and extrusion material. Adjustment rings shall have a minimum dynamic-load rating of ASSTO HS-20. Rings shall be manufactured from 100% recycled or virgin material. Adjustment rings shall be supplied as a kit that includes the ring and butyl sealant meeting ASTM C-990 or as recommended my manufacture.

**APPROVED PRODUCTS:**

- LadTech, Inc. 24R200, 24R400, 24R150, and 24S150

23. **CONCRETE THRUST BLOCK:**

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Concrete Thrust Block must conform to the specification drawing, page 19. Shipment must be palletized and secured by banding.

**APPROVED PRODUCTS:**

- Open

24. **PVC PIPE (2" SDR21):**

2" PVC pipe shall be made from material and design conforming to ASTM specifications D1784 and D2241 or latest revision thereof, and be suitable for use at maximum hydrostatic working pressures of 200 psi at 23 degrees C (73.4 degrees F). Pipe shall be furnished in standard 20' lengths with joints being of the push-on integral bell type supplied with gaskets INSTALLED. The pipe joint and gasket shall meet the requirements of ASTM D-3139, joint, and ASTM F-477, gasket, and shall be marked with the NSF mark indicating its approval for potable water. All pipe furnished under this specification will be color-coded blue. All pipe shall be clean and ends shall be tarped during shipment.

**APPROVED PRODUCTS:**

- JM Eagle
- North American Pipe Corporation
- Freedom Plastics
- Diamond Plastics
- National Pipe & Plastics
- Charlotte Pipe and Foundry

25. **PVC PIPE C900 (4" AND ABOVE) - POTABLE WATER:**

PVC pipe (4" thru 12") shall be in accordance with AWWA C900, cell classification 12454A or 12454B as defined in ASTM D1784, with push-on integral bell joints, per ASTM D3139, with gaskets, per ASTM F477 installed and supplied in standard 20' lengths. No solvent-cement pipe or fittings will be accepted. All pipe shall be pressure class 150 with a DR of 18. All pipe shall comply with and be labeled as approved by the National Sanitation Foundation for use with potable water. All pipe furnished under this specification will be color-coded blue. All pipe shall be clean and ends shall be tarped during shipment.

**APPROVED PRODUCTS:**

- JM Eagle Blue Brute
- North American Pipe Corporation
- Diamond Plastics
- Freedom Plastics
- National Pipe & Plastics

26. **PVC PIPE C-900 (4" AND ABOVE) - NON-POTABLE WATER:**

PVC pipe (4" and larger) shall be in accordance with AWWA C900, cell classification 12454A or 12454B as defined in ASTM D1784, with push-on integral bell joints, per ASTM D3139, with gaskets, per ASTM F477 installed and supplied in standard 20' lengths. No solvent-cement pipe or fittings will be accepted. All" pipe shall be pressure class 150 with a DR of 18. Pipe shall be marked as detailed in AWWA C900 and an affidavit that it complies with the requirements of AWWA C900 shall be available upon request. All pipe furnished under this specification will be color coded green or purple (to be specified at time of order). Pigment stabilizers and ultraviolet inhibitors shall be used to prevent fading for a period of six months after delivery. All pipe shall be clean and ends shall be tarped during shipment.

**APPROVED PRODUCTS:**

- JM Eagle Blue Brute
- North American Pipe Corporation
- Diamond Plastics
- Freedom Plastics
- National Pipe & Plastics

27. **PVC PIPE ASTM D-3034 (SDR 26):**

<b>SECTION E – SPECIFICATIONS</b>
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Polyvinyl chloride sewer pipe shall conform to ASTM D-3034 **SDR 26** and D-1784 (PVC compound), latest revision, or as otherwise specified. Shall have an integral gasketed bell end and meet the requirements of ASTM Standard D-3212, and the sealing gasket must conform to the requirements of ASTM Standard F-477. All PVC sewer pipe shall be conspicuously labeled with the manufacturer's name, nominal pipe size, applicable material code or PVC cell classification, standard dimension ratio number, product type, standard specification designation, production record code and NSF certification seal and will be color coded green. Pipe will be 13 feet laying length.

**APPROVED PRODUCTS:**

- JM Eagle
- North American Pipe Corporation
- Diamond Plastics
- Freedom Plastics
- National Pipe & Plastics
- Hawk Plastics

28. **POLYETHYLENE TUBING ASTM D-2737: (BLUE FOR POTABLE WATER SERVICE)**

Plastic tubing shall be manufactured from N.S.F. approved prime virgin PE-3408 high-density polyethylene resin compound, listed in Plastic Pipe Institute TR4. Tubing shall meet the applicable standards of ASTM D3350, cell classification 345444 or 345464, ASTM D2737, NSF-14, NSF 61 or NSF-pw and AWWA C901. All tubing supplied under this specification is to be color-coded blue, DR-9, C.T.S., 200 PSI-@73.4 DEG. F. and supplied in 100' rolls. Manufacture shall be listed with the Plastic Pipe Institute as meeting the recipe and mixing requirements for pipe in this classification. SHIPMENTS OF 10,000 FT. or more MUST BE PALLETIZED.

**APPROVED PRODUCTS**

- Arnco Perma-Guard/PW Tubing
- Endot Industries Endopure
- Charter Plastics Blue Ice

29. **POLYETHYLENE TUBING ASTM D-2737: (PURPLE (MAGENTA) RECLAIMED WATER SERVICE)**

Plastic tubing shall be manufactured from prime virgin PE-3408 high-density polyethylene resin compound, listed in Plastic Pipe Institute TR4. Tubing shall meet the applicable standards of ASTM D3350, cell classification 345444 or 345464, ASTM D2737, and AWWA C901. All tubing supplied under this specification is to be color-coded purple (magenta), DR-9, C.T.S., 200 PSI-@ 73.4 DEG. F. and supplied in 100' rolls. Manufacture shall be listed with the Plastic Pipe Institute as meeting the recipe and mixing requirements for pipe in this classification. SHIPMENTS OF 10,000 FT. or more MUST BE PALLETIZED.

**APPROVED PRODUCTS:**

- Arnco Perma-Guard/PW Tubing
- Endot Endocore Reclaim Water Tubing
- Charter Plastics Lavender Shell

30. **SCHEDULE 80 PLASTIC FITTINGS: (THREADED IPS NIPPLES & PLUGS ONLY)**

Specifications shall conform to ASTM D2467 or latest revision thereof, for threaded pressure fittings, dimensions, thread gauging, minimum wall thickness and burst pressure, material classification, various quality aspects and requirements for marking identification for plugs, and ASTM D1784, manufactured from compounds with cell classification 12454B (type 1, grade 1 material) for nipples and plugs, and D1785 dimensional requirements, minimum burst and sustained pressure requirements, maximum operating pressure, and test procedures for determining pipe quality with respect to workmanship for nipples. Shall have male iron pipe threads

**APPROVED PRODUCTS:**

- Spears
- Lasco
- Chemtrol Nibco



<b>SECTION E – SPECIFICATIONS</b>
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**31. FITTINGS, GASKETED PVC, SDR35:**

Joints for PVC sewer pipe shall be of the bell and spigot type conforming to ASTM D-3034 SDR35 and D-3212 using factory installed flexible elastomeric seals. The elastomeric seals shall conform to ASTM F-477. Shall comply with and be labeled as approved by the National Sanitation Foundation (NSF) for use in sanitary sewer.

**APPROVED PRODUCTS:**

- Harco
- Certaineed
- Vassallo
- Flo-Control
- GPK Products
- Multi-Fittings
- Freedom Plastics
- JM Eagle
- Plastic Trends
- Specified Fitting, Inc.

**32. SERVICE SADDLES:**

The saddle body shall be made of brass alloy per ASTM B62 (85-5-5-5) or ductile iron per ASTM A536 or latest version thereof. Ductile iron bodies shall be coated with a fusion plastic or fusion epoxy coating of min. 12 mils thickness. Service Saddles shall be of the multiple strap design or a single strap over three inches (3") in width. The straps and bolts shall be made from 18-8 type 304 stainless steel. The straps shall have a curvature accurately formed to meet the diameter of the pipe on which the service is to be installed. There shall be a Nitrile Buna-N or EPDM rubber gasket securely glued to or imbedded in the body of the clamp to insure positive sealing against pipe. Outlet size of ¾" and 1" shall have female C.C. thread while the outlet for 2" shall be female I.P.S. thread.

**APPROVED PRODUCTS:**

- DUCTILE IRON SADDLES
  - Cascade CNS2 series
  - Dresser 291 series
  - Ford Style FC202
  - JCM 406 series
  - Mueller DR2S series
  - Power Seal 3417 and 3417NW
  - Romac 202N series
  - Smith-Blair 317 and 397 series
- BRASS SADDLES
  - A.Y. Mc Donald 3845, 3846, 3855 and 3856 series
  - Cambridge Brass 811 and 812 series
  - Ford 202BS series
  - Mueller BR2S series
  - Power Seal 3409 series
  - Romac 202BS series
  - Smith-Blair 325 and 393 series

**33. TAP SLEEVES:**

(4" thru 12") Tap sleeves for 4" thru 12" diameter pipe shall be manufactured to meet material specification ASTM A36 or A283 Grade C, carbon steel for the body. The flange shall conform to AWWA C207 CLASS D, have ANSI 150 lb drilling and recessed for tapping valve (MSS-SP60). All sleeves shall have a fusion epoxy coating of min. 12 mils thickness. Bolts and nuts shall be manufactured from type 304 stainless steel (LUBRICANT IMPREGNATION TO PREVENT GALLING IS REQUIRED). There shall be a Nitrile BUNA-N or EPDM rubber gasket securely glued to or imbedded in the body to insure positive sealing against pipe.

Outlet half of sleeve shall be furnished with a three-quarter inch NTP test port and bronze or stainless steel plug.

**SECTION E – SPECIFICATIONS****APPROVED MANUFACTURE PRODUCTS AS MODIFIED TO MEET THE ABOVE SPECIFICATION:**

- Cascade CFT-ESS series
- JCM 412.
- Dresser 610
- Smith-Blair 622
- Ford FTSC series
- Romac FTS420
- Power Seal 3460 series

**34. REPAIR CLAMPS:**

Repair clamps (pipe saver) shall have 18-8 type 304 stainless steel bands with ductile iron lugs per ASTM A536 and flexible EPDM, Nitrile Buna-N or Viton gasket with grid surface to cover entire face of stainless steel bands. Gaskets shall be securely glued or imbedded in the band to ensure a positive seal. Clamps shall be of the single bolt type with three (3) inch bandwidth. 3/4" and 1" Long Clamps shall be two bolt type with six (6) inch bandwidth.

**APPROVED PRODUCTS:**

- Cascade CFC series
- Smith-Blair 245
- JCM 110
- Dresser 118
- Ford FSC series
- Romac SC series
- Power Seal 3151
- Mueller 212 series
- Total Piping Solutions 4100 series

**35. FULL SEAL CLAMPS 4" AND LARGER:**

Full seal clamps shall have type 304 stainless steel bands with ductile iron lugs per ASTM A536 and flexible EPDM or Nitrile Buna-N gasket with grid surface and tapered ends. Bolts and hex nuts shall be low alloy per ASTM A242 and AWWA C 111. Clamps shall be of multiple bolt drop in design, and shall completely enclose the pipe. Two lengths of each size are to be purchased, 7 1/2" Long, 15" Long (a tolerance of 1" for each length will be acceptable).

**APPROVED PRODUCTS:**

- Smith-Blair 226
- JCM 101
- Ford F1 Style
- Romac CL1 series
- Power Seal 3121 series
- Cascade CDR1 series
- Mueller 500 series
- Dresser Style 360

**36. FULL SEAL CLAMPS 3/4" THRU 3":**

Full seal clamps shall have type 304 stainless steel bands with ductile iron lugs per ASTM A536 and flexible EPDM or Nitrile Buna-N gasket with grid surface and tapered ends. Bolts and hex nuts shall be 304 stainless steel with Teflon coated nuts to prevent galling.

Clamps shall be of single bolt, drop in design, and shall completely enclose the pipe. Clamps shall be supplied in lengths specified; a tolerance of 1" for each length will be acceptable.

**APPROVED PRODUCTS:**

<b>SECTION E – SPECIFICATIONS</b>
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- Power Seal 3152
- Smith-Blair 244
- Open

37. **PIPE ADAPTERS, NON-PRESSURE:**

Adapters shall be manufactured of a Poly Vinyl Chloride (PVC) compound which is chemical resistant, light stable (ultraviolet, sunlight) and mildew and fungus resistant. All adapters shall be single unit construction; no bushings or donuts will be accepted. The material shall conform to ASTM specification D-5926, C-425, and C-1173. The size and application marking shall be permanently embossed with raised letters on each adapter. Bands and screw assembly shall be manufactured from totally non-magnetic series 300 stainless steel.

**APPROVED PRODUCTS:**

- Fernco Inc.
- NDS, Inc
- Mission Rubber

**FIRE HYDRANTS AND ACCESSORIES**

38. **FIRE HYDRANTS:**

All fire hydrants shall fully comply with all provisions of American Water Works Association C502 (Dry Barrel Fire Hydrants) or the latest revision thereof, F.M. Approved, U.L. Listed (AWWA, U.L. AND F.M. COLOPHONS MUST BE CAST IN UPPER BARREL OF EACH HYDRANT) and meet the following specific provisions:

- a. It will be of the compression type, opening counterclockwise, against the pressure and closing with the pressure. Drain outlet to be omitted.
- b. Hydrant bonnet assembly shall be provided with a grease or oil reservoir and lubrication system that automatically circulates lubricant to all operating stem threads and bearing surfaces each time the hydrant is operated. The system shall be completely sealed from the waterway and from external contaminants.
- c. All hydrants will be of the traffic "breakaway" type with safety stem coupling and breakable flange that permits full 360° rotation of the nozzle section. Cut down bolts are not acceptable for this requirement.
- d. Main valve opening of the hydrant will not be less than 5-1/4" and open against the pressure.
- e. Hydrant nozzles will consist of two (2) hose nozzles and one (1) pumper nozzle. Threads on these nozzles will conform to N.F.P.A. #1963 standard for screw threads and gaskets for fire hose couplings. All nozzles shall be field replaceable with non-corrosive locking devices. Caulked nozzles are prohibited. Nozzle chains shall be omitted.
- f. The hydrant will be so designed to permit the removal of all working parts, by one person, from the hydrant up through the barrel without disturbing the earth around the hydrant.
- g. An all bronze hydrant valve seat ring shall thread directly into an all bronze ring and shall be located between the lower hydrant barrel and base securely retained in this position. Upper valve plate must be B62 bronze, or epoxy coated, if used.
- h. The hydrant will be designed with an anti-friction bearing so located that it will reduce the torque required to operate the hydrant. All stem pins or bolts and nuts shall be stainless steel.
- i. The operating stem, safety stem coupling and main valve assembly shall be capable of withstanding an application of 200 ft-lbs. of torque against either the full open or closed position with no damage to components. The safety stem coupling shall be either cast iron, bronze, or stainless steel. Downward stem travel shall be limited by a travel stop located in the upper housing of the hydrant or a stop in the shoe assembly.

<b>SECTION E – SPECIFICATIONS</b>
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- j. Operating nut and nozzle cap wrench nuts shall conform to existing specifications for this utility. The opening between the operating nut and dome shall have a weather shield or seal.
- k. The ferrous waterway of the hydrant's shoe must be epoxy coated. The shoe assembly must be designed to allow all of the MJ Gland tee bolts to be inserted from the shoe body side.
- l. Main rubber valve shall be EPDM (ethylene propylene) rubber.
- m. Inlet shall be 6" MJ, centerline of pumper connections shall be a minimum of 17" above ground line. Ground line shall be 3" or less below break flange. Hydrant shall be painted chrome yellow with white bonnet dome. Winning proposer shall supply one (1) seat removal tool with the first shipment and also one spanner wrench for every six hydrants purchased with all shipments. All shipments shall be palletized. Proposer shall submit with the RFP, shop drawings of the particular hydrant to be supplied showing dimensions and materials together with any additional information needed to interpret the shop drawings. Each shipment shall be accompanied by a certification that the hydrants were manufactured in accordance with the shop drawings. Only factory authorized repair parts and extensions will be acceptable.

**Affidavit of compliance to the above specifications shall accompany bid.**

**APPROVED PRODUCTS:**

- American AVK Nostalgic 2780 series
- Clow Medallion
- U.S. Pipe Metropolitan M-94
- American B-84-B
- Mueller Super Centurion A- 423
- Kennedy Guardian K81D

39. **WATER METER CONNECTION GASKETS:**

Water meter connection gaskets shall be round standard design. 1/8" thick gaskets shall be manufactured from black EPDM or Nitrile Buna-N rubber. 1/16" and 1/32" thick fiber gaskets shall be manufactured from vulcanized fiber and shall be either red or gray in color.

**APPROVED PRODUCTS:**

- Open

40. **FLANGE JOINT RING GASKET:**

Flange joint ring gaskets shall be designed to work with flange joint pipe and fittings per ANSI/AWWA C110/A21.10 AND ANSI B16.1 125 pound class. Rubber gaskets shall be in accordance with ANSI/AWWA C111/A21.11. Gaskets shall be manufactured from synthetic red rubber per ASTM 13303, SBR- Buna-S, or EPDM (ethylene propylene).

**APPROVED PRODUCTS:**

- Open

41. **CURED-IN-PLACE POINT REPAIR KIT:**

Cured in place point repair kits shall provide for the reconstruction of short lengths of pipelined conduits by the installation of a resin-impregnated flexible tube which is inflated in a short length of the pipeline to form a hard, impermeable, corrosion resistant pipe within a pipe. When cured, the cured in place pipe (CIPP) will be formed to the original conduit. This reconstruction process will be used in a gravity sanitary sewer system. The finished CIPP shall have at least 100% of the full flow capacity of the original host pipe before rehabilitation. The tube shall consist of layered non-woven flexible needled felt tube with an inner PU/PVC impermeable coating and additional layer of reinforced chopped fiberglass and felt. The tube shall be thermo-bonded to the prescribed circumference and length. It shall be capable of carrying resin, withstanding installation pressures and curing temperatures. The resin used shall be high grade 2-part, ambient cured, corrosion resistant, non-shrinkage epoxy resin. The resin shall be designed for cured-in -place pipe. Only non-styrene, 100% solids epoxy resin will be accepted.

<b>SECTION E – SPECIFICATIONS</b>
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Each kit shall contain: 1-pre-pack. 1 tubular felt PVC coated liner, 1-resin part A, 1-resin part B, 1-tubular carrier protector, 1-carrier protector lube, 1- instruction sheet. Kits provided under this specification shall be compatible with the County's existing Perma-Liner equipment.

**APPROVED PRODUCTS:**

- Perma-Liner Industries, Inc.

42. **ADJUSTABLE PIPE STAND:**

Adjustable pipe stands shall conform to attached specification drawing, page 39. Bidder must submit shop drawing of product if any deviations from specified item.

**APPROVED PRODUCTS:**

- Open

43. **FLANGED JOINT FITTING (AWWA C110):**

Fitting shall be ductile iron per ASTM A536 or cast iron per ASTM A126. Fitting shall be produced in accordance with laying lengths specified in ANSI/AWWA C110/A 21.10. Rubber gasket joints shall be in accordance with ANSI/AWWA C111/A21.11. Flange surface shall be faced and drilled in accordance with ANSI Class 125 B16.1. Body thickness shall not be less than those specified in ANSI/AWWA C153/A21.53 (Standards for Ductile Iron Compact Fittings). Nuts, bolts and gaskets shall be designed to withstand the design and test pressures of the pipe. All fittings shall have distinctly cast upon them the manufacturer's identification, pressure rating, nominal diameter, and number of degrees or fraction of the circle on all bends. Fittings supplied must have ISO 9001 or later certification, or poured in a foundry located within the U.S.A. Shall comply with and be labeled as approved by the National Sanitation Foundation (NSF) for use in potable water lines meeting NSF 61. Factory Mutual Approval (FM) and Underwriter Laboratory Listed (UL) as noted by UL/FM for sizes four (4") through Twelve (12") inch. Markings must be cast on the fitting at time of manufacture to meet this requirement.

**APPROVED PRODUCTS:**

- American Cast Iron
- Clow
- McWane, Inc
- Sigma Corp
- Star Pipe Products
- Tyler/Union Foundry
- U.S. Pipe

44. **PIPE, DUCTILE IRON, PUSH ON JOINT, CLASS 350**

Pipe shall conform to AWWA C151 (ANSI-A21.51) asphaltic outside coating and pipe weight. Gaskets shall be furnished in accordance with AWWA C111 (ANSI-A21.11). Pipe supplied must have ISO 9001 or later certification, or poured in a foundry located in the U.S.A. Pipe shall comply with and be labeled as approved by the National Sanitation Foundation (NSF) for use in potable water lines meeting NSF 61. Factory Mutual Approved (FM) and Underwriter Laboratory Listed (UL) as noted by (UL/FM) for sizes four (4") through twelve (12") inch.

**APPROVED PRODUCTS:**

- American Cast Iron – Fastite
- Clow – Tyton
- Griffin Pipe – Tyton
- McWane – Tyton
- U.S. Pipe & Foundry - Tyton

<b>SECTION E – SPECIFICATIONS</b>
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**45. REPAIR COUPLING, COMPRESSION:**

Repair coupling shall be 14 mil fusion bonded epoxy with 304 stainless steel hardware. NSF 61 rated gasket, with at least 260 psi rating. Coupling shall have top access to bolts for ease of installation, with no more than two bolts per device. Length shall be at least 12" long. Coupling must meet or exceed AWWA C-219-2004 compliance. All couplings shall come fully self-contained to eliminate need for added inventory of parts. If device requires any special tools, the tenth piece ordered must contain such tool.

**APPROVED PRODUCTS:**

- Cascade Waterwork MFG-Omega CRCER
- Total Piping Solution, Inc. – HYMAX 2000 Series
- OPEN

**46. MISCELLANEOUS WATER, SEWER & RECLAIM SUPPLIES****47. VALVE, AIR RELEASE – SHORT BODY/SANITARY SEWER:**

Air release valves for sewage shall meet or exceed the performance specification of: shall be specially designed to operate with liquids carrying solid particles such as sewage and effluent; shall release accumulated air from the system while the system is under pressure; the valve shall be a float operated design; shall be pressure rated for at least 150 psi; shall be test pressure rated for a least 1.5 times working pressure; short body sanitary sewer air release valves overall height shall not exceed 12 ¼"; threaded connection valves shall have National Pipe Thread (NPT); shall be equipped with backwash accessory kit; valves supplied must have ISO 9001 or later certificate, or manufactured in the U.S.A.

**48. VALVE, AIR RELEASE – STAINLESS STEEL/SANITARY SEWER:**

Air release valves for sewage shall meet or exceed the performance specification of: shall be specially designed to operate with liquids carrying solid particles such as sewage and effluent; the valve shall be double or triple float design; shall be pressure rated for at least 150 psi; shall be test pressure rated for a least 1.5 times working pressure; threaded connection valves shall have National Pipe Thread (NPT); flange surface shall be faced and drilled in accordance with ANSI Class 125 B16.1; shall be equipped with backwash accessory kit; valves supplied must have ISO 9001 or later certificate, or manufactured in the U.S.A.

**49. VALVE, AIR RELEASE (UL/FM) – POTABLE & RECLAIMED METER:**

Air release valves for potable water shall meet or exceed the performance specifications of: shall be automatic float operated designed to release accumulated air from the piping system while the system is in operation and under pressure; AWWA C512; shall be Underwriters Laboratories Listed (UL) and Factory Mutual Approved (FM) as noted by (UL/FM); shall have a screened hood; the valve body shall be threaded with National Pipe Thread (NPT) inlets and outlets; shall be pressure rated for at least 175 psi; shall be test pressure rated for at least 1.5 times working pressure; valves supplied must have ISO 9001 or later certification, or manufactured in the U.S.A.

**50. VALVE, AIR RELEASE (2") – POTABLE & RECLAIMED WATER:**

Air release valves for potable water shall meet or exceed the performance specifications of: shall be automatic float operated designed to release accumulated air from the piping system while the system is in operation and under pressure; AWWA C512; shall have a screened hood; the valve body shall be threaded with National Pipe Thread (NPT) inlets and outlets; shall be pressure rated for at least 150 psi; shall be test pressure rated for at least 1.5 times working pressure; valves supplied must have ISO 9001 or later certification, or manufactured in the U.S.A.

**SECTION E – SPECIFICATIONS****51. FRAMES, GRATES, MANHOLE COVERS & ADJUSTING RINGS:**

Materials shall comply with the Florida Department of Transportation (FDOT) Standard Specifications for Roads and Bridges Construction, latest edition.

Steel reticuline grating and frames shall be hot dipped galvanized to FDOT Specifications and meet ASTM 123-A, H-20 Loading, and grey iron materials shall be in accordance with ASTM-A48 Class 35B.

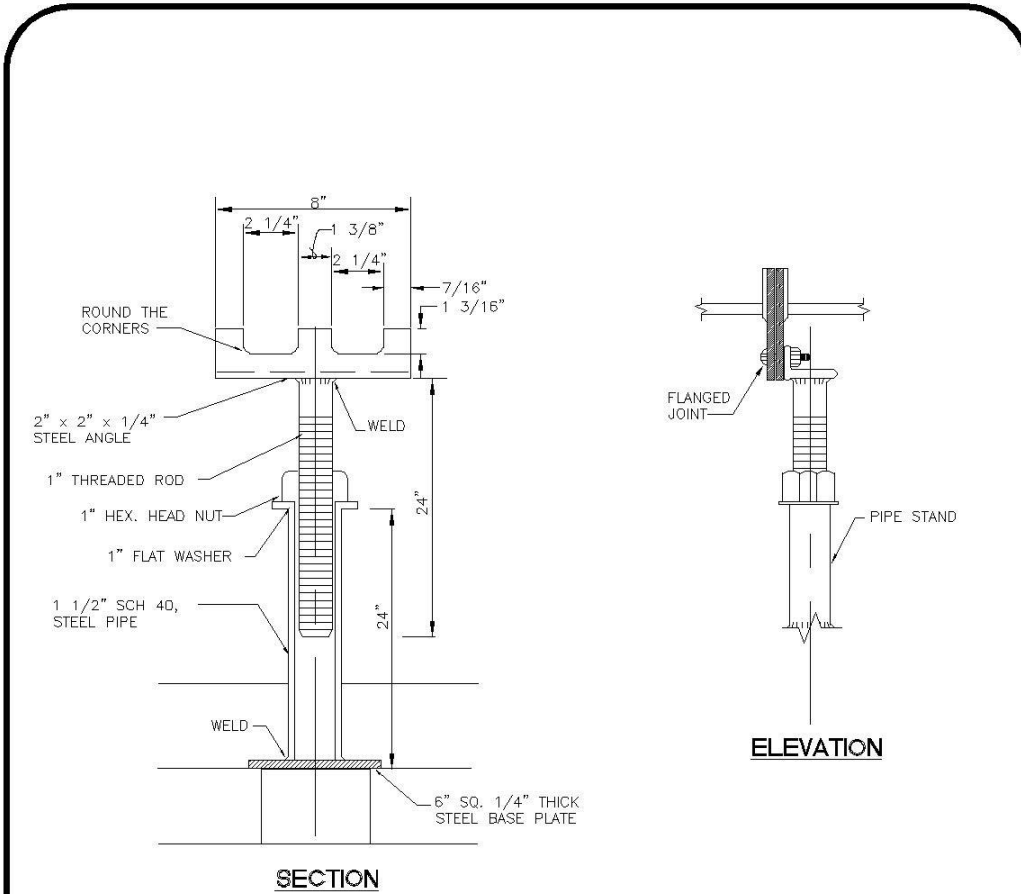
Refer to Pinellas County Department of Environment & Infrastructure Standard Technical Specifications for Roadway and Related Construction, Specification 425 - Inlets, Manholes and Junction Boxes and Standard Detail Indexes at websites:

- <http://www.pinellascounty.org/PublicWorks/pdf/DEI-Technical-Roadway-Specifications-2011.pdf>;
- <http://www.pinellascounty.org/technical/pdf/std-details.pdf>
- Engineering & Environmental Services Material Specifications:  
<http://www.pinellascounty.org/technical/pdf/material-spec-manual.pdf>

**APPROVED PRODUCTS:**

- US Foundry

**SECTION E – SPECIFICATIONS**



**PIPE STAND**

**PINELLAS COUNTY  
UTILITIES ENGINEERING**  
PIPE STAND DETAILS  
FOR PURCHASE PURPOSES

DETAIL I.D.:	PCU SPD 3
DATE:	SEPTEMBER/2008
DIRECTOR, PC UTILITIES ENGINEERING:	
REVISION:	



## SECTION F – BID SUBMITTAL

**Bid Title: Water and Sewer Materials**  
**Bid Number: 156-0035-B (LN)**

BID SUBMITTAL INSTRUCTIONS:

Specific items outlined in Section F – Bid Submittal section are scenarios only for bid evaluation purposes only. The contract shall be awarded based upon the percentage discount from MSRP. For each of the specific items defined, bidders are to enter the current MSRP, less discount applied, and the extended total. Bidder shall provide the current MSRP page for verification of discount applied with bid submittal.

Example: See table below with a 7% discount applied.

Discounts and manufacturers will remain fixed for the entire contract period.

## EXAMPLE

GROUP 1		DISCOUNT __7% MANUFACTURER: Cambridge Brass Campak			
Description	UOM	QTY (A)	MSRP (B)	MSRP LESS DISCOUNT (C)	EXTENSION (A X C)
Cap	Each	75	\$15.00	\$13.95	\$1,046.25

## SECTION F – BID SUBMITTAL

Bid Title: Water and Sewer Materials

Bid Number: 156-0035-B (LN)

GROUP 1 – Brass Service Line Fittings and Accessories CTS O.D.:				DISCOUNT _____ % MANUFACTURER:		
	Description	UOM	QTY	MSRP	MSRP LESS DISCOUNT	EXTENSION
1	COUPLING, COMP X COMP, BRASS, 3/4" (LF)	Each	600	\$	\$	\$
2	COUPLING, COMP X COMP, BRASS, 1" (LF)	Each	600	\$	\$	\$
3	ADAPTER, MALE X COMPRESSION, BRASS, 3/4" (LF)	Each	300	\$	\$	\$
<b>Total Group 1</b>						\$
GROUP 2 – Brass Service Line Fittings and Accessories IPS O.D.:				DISCOUNT _____ % MANUFACTURER:		
	Description	UOM	QTY	MSRP	MSRP LESS DISCOUNT	EXTENSION
4	COUPLING, COMP X COMP, 2" (PVC X PVC) (LF)	Each	250	\$	\$	\$
5	COUPLING, COMP X COMP, BRASS, 3/4" (PVC X PVC) (LF)	Each	200	\$	\$	\$
6	COUPLING, COMP X COMP, 1" (PVC X PVC) (LF)	Each	200	\$	\$	\$
<b>Total Group 2</b>						\$

**SECTION F – BID SUBMITTAL**

<b>GROUP 3 – Plastic Tubing Inserts C.T.S.:</b>				<b>DISCOUNT _____% MANUFACTURER:</b>		
	<b>Description</b>	<b>UOM</b>	<b>QTY</b>	<b>MSRP</b>	<b>MSRP LESS DISCOUNT</b>	<b>EXTENSION</b>
7	3/4" Plastic Tubing Stiffener (CTS)	Each	100	\$	\$	\$
8	1" Plastic Tubing Stiffener (CTS)	Each	100	\$	\$	\$
<b>Total Group 3</b>						\$
<b>GROUP 4 – Miscellaneous Brass Fittings</b>				<b>DISCOUNT _____% MANUFACTURER:</b>		
	<b>Description</b>	<b>UOM</b>	<b>QTY</b>	<b>MSRP</b>	<b>MSRP LESS DISCOUNT</b>	<b>EXTENSION</b>
9	ELBOW, 90, BRASS, 2" (LF)	Each	400	\$	\$	\$
10	BUSHING, REDUCER, BRASS, 1" X 3/4" (LF)	Each	600	\$	\$	\$
11	BUSHING, REDUCER, BRASS, 1-1/4" X 1" (LF)	Each	400	\$	\$	\$
<b>Total Group 4</b>						\$
<b>GROUP 5 – 3/4" &amp; 1" Meter Couplings (Standard Length)</b>				<b>DISCOUNT _____% MANUFACTURER:</b>		
	<b>Description</b>	<b>UOM</b>	<b>QTY</b>	<b>MSRP</b>	<b>MSRP LESS DISCOUNT</b>	<b>EXTENSION</b>
12	3/4 STD MTR COUP	Each	300	\$	\$	\$
13	COUPLING, METER, BRASS, 1" (LF)	Each	500	\$	\$	\$
14	COUPLING, METER, BRASS, 3/4" (LF)	Each	1000	\$	\$	\$
<b>Total Group 5</b>						\$

**SECTION F – BID SUBMITTAL**

<b>GROUP 6 – 3/4" &amp; 1" Meter Couplings (Short Length)</b>				<b>DISCOUNT _____ % MANUFACTURER: Ford</b>		
	<b>Description</b>	<b>UOM</b>	<b>QTY</b>	<b>MSRP</b>	<b>MSRP LESS DISCOUNT</b>	<b>EXTENSION</b>
15	COUPLING, METER, SHORT, BRASS, 3/4" (LF)	Each	500	\$	\$	\$
16	COUPLING, METER, SHORT, BRASS, 1" (LF)	Each	200	\$	\$	\$
<b>Total Group 6</b>						\$
<b>GROUP 7 – 3/4:" &amp; 1" Meter Coupling Bushings</b>				<b>DISCOUNT _____ % MANUFACTURER: Ford</b>		
	<b>Description</b>	<b>UOM</b>	<b>QTY</b>	<b>MSRP</b>	<b>MSRP LESS DISCOUNT</b>	<b>EXTENSION</b>
17	BUSHING, METER COUPLING, BRASS, 3/4" (LF)	Each	200	\$	\$	\$
18	BUSHING, METER COUPLING, BRASS, 1" (LF)	Each	200	\$	\$	\$
<b>Total Group 7</b>						\$
<b>GROUP 8 – Meter Couplings with Bushing, 1 – 1/2" &amp; 2"</b>				<b>DISCOUNT _____ % MANUFACTURER: Grand Haven</b>		
	<b>Description</b>	<b>UOM</b>	<b>QTY</b>	<b>MSRP</b>	<b>MSRP LESS DISCOUNT</b>	<b>EXTENSION</b>
19	COUPLING, METER, BRASS, 1-1/2" (LF)	Each	400	\$	\$	\$
20	COUPLING, METER, BRASS, 2" (LF)	Each	300	\$	\$	\$
<b>Total Group 8</b>						\$

## SECTION F – BID SUBMITTAL

GROUP 9 – Bushing, Meter Coupling, 1 -1/2" & 2"				DISCOUNT _____ % MANUFACTURER:		
	Description	UOM	QTY	MSRP	MSRP LESS DISCOUNT	EXTENSION
21	BUSHING, METER COUPLING, BRASS, 1 1/2" (LF)	Each	100	\$	\$	\$
22	BUSHING, METER COUPLING, BRASS, 2" (LF)	Each	100	\$	\$	\$
<b>Total Group 9</b>						\$
GROUP 10 – Brass Service Valve				DISCOUNT _____ % MANUFACTURER:		
	Description	UOM	QTY	MSRP	MSRP LESS DISCOUNT	EXTENSION
23	VALVE, BALL, BRASS, 3/4" HBK PART (LF)	Each	400	\$	\$	\$
24	VALVE, BALL, BRASS, 1" (LF)	Each	200	\$	\$	\$
25	VALVE, BALL, BRASS, 2" (LF)	Each	200	\$	\$	\$
<b>Total Group 10</b>						\$
GROUP 11 – Ball, Straight, Meter Valves				DISCOUNT _____ % MANUFACTURER:		
	Description	UOM	QTY	MSRP	MSRP LESS DISCOUNT	EXTENSION
26	VALVE, METER, BRASS, 3/4", FULL PORT OPENING (LF)	Each	900	\$	\$	\$
27	VALVE, METER, BRASS, 1", FULL PORT OPENING (LF)	Each	200	\$	\$	\$
28	VALVE, METER, BRASS, 1", W/3/4" METER NUT (LF)	Each	100	\$	\$	\$
<b>Total Group 11</b>						\$

## SECTION F – BID SUBMITTAL

GROUP 12 – Corporation Stops				DISCOUNT _____ % MANUFACTURER:		
	Description	UOM	QTY	MSRP	MSRP LESS DISCOUNT	EXTENSION
29	STOP, CORPORATION, BRASS, 3/4" (LF)	Each	400	\$	\$	\$
30	STOP, CORPORATION, BRASS, 1" (LF)	Each	200	\$	\$	\$
<b>Total Group 12</b>						\$
GROUP 13 – Service Saddles for 2" PVC				DISCOUNT _____ % MANUFACTURER:		
	Description	UOM	QTY	MSRP	MSRP LESS DISCOUNT	EXTENSION
31	SADDLE, SERVICE, HINGED TYPE, BRASS, 2" X 3/4" (FOR PVC)	Each	100	\$	\$	\$
32	SADDLE, SERVICE, HINGED TYPE, BRASS, 2" X 1" (FOR PVC)	Each	100	\$	\$	\$
<b>Total Group 13</b>						\$
GROUP 14 – Mechanical Joint Fittings/Class 350 Ductile Iron				DISCOUNT _____ % MANUFACTURER:		
	Description	UOM	QTY	MSRP	MSRP LESS DISCOUNT	EXTENSION
33	SLEEVE, REPAIR, SOLID, MJ, 6" X 12"	Each	100	\$	\$	\$
34	BEND, 45 DEG, MJ, 6"	Each	100	\$	\$	\$
35	TEE, MJ, 6"	Each	100	\$	\$	\$
<b>Total Group 14</b>						\$

**SECTION F – BID SUBMITTAL**

<b>GROUP 15 – Packaged Multiple Wedge Style Mechanical Joint Restraints/D.I. Pipe</b>				<b>DISCOUNT _____ % MANUFACTURER:</b>		
	<b>Description</b>	<b>UOM</b>	<b>QTY</b>	<b>MSRP</b>	<b>MSRP LESS DISCOUNT</b>	<b>EXTENSION</b>
36	GLAND, RETAINER, 4"	Each	100	\$	\$	\$
37	GLAND, RETAINER, 6"	Each	100	\$	\$	\$
38	GLAND, RETAINER, 8"	Each	100	\$	\$	\$
<b>Total Group 15</b>						\$
<b>GROUP 16 – Packaged Multiple Wedge Style Mechanical Joint Restraints/PVC Pipe</b>				<b>DISCOUNT _____ % MANUFACTURER:</b>		
	<b>Description</b>	<b>UOM</b>	<b>QTY</b>	<b>MSRP</b>	<b>MSRP LESS DISCOUNT</b>	<b>EXTENSION</b>
39	RESTRAINT, JOINT, P/E PVC TO MJ, MEGALUG TYPE (1400), 4"	Each	200	\$	\$	\$
40	RESTRAINT, JOINT, P/E PVC TO MJ, MEGALUG TYPE (1400), 6"	Each	300	\$	\$	\$
41	RESTRAINT, JOINT, P/E PVC TO MJ, MEGALUG TYPE (1400), 8"	Each	200	\$	\$	\$
<b>Total Group 16</b>						\$
<b>GROUP 17 – Pre-packaged Joint Restraints &amp; Adapter Flanges</b>				<b>DISCOUNT _____ % MANUFACTURER:</b>		
	<b>Description</b>	<b>UOM</b>	<b>QTY</b>	<b>MSRP</b>	<b>MSRP LESS DISCOUNT</b>	<b>EXTENSION</b>
42	RESTRAINT, JOINT, PUSH-ON, (1350), 2"	Each	200	\$	\$	\$
43	RESTRAINT, JOINT, DI TO FL, (400), 4"	Each	200	\$	\$	\$
44	RESTRAINT, JOINT, DI TO FL, (400), 6"	Each	200	\$	\$	\$
<b>Total Group 17</b>						\$

## SECTION F – BID SUBMITTAL

GROUP 18 – Resilient Seated Line Valves				DISCOUNT _____ % MANUFACTURER:		
	Description	UOM	QTY	MSRP	MSRP LESS DISCOUNT	EXTENSION
45	VALVE, LINE, MJ X MJ, 4"	Each	100	\$	\$	\$
46	VALVE, LINE, MJ X MJ, 6"	Each	100	\$	\$	\$
47	VALVE, LINE, MJ X MJ, 8"	Each	100	\$	\$	\$
<b>TOTAL GROUP 18</b>						\$
GROUP 19 – Resilient Seated Tapping Valves				DISCOUNT _____ % MANUFACTURER:		
	Description	UOM	QTY	MSRP	MSRP LESS DISCOUNT	EXTENSION
48	VALVE, TAP X MJ, 4"	Each	100	\$	\$	\$
49	VALVE, TAP X MJ, 6"	Each	100	\$	\$	\$
50	VALVE, TAP X MJ, 8"	Each	100	\$	\$	\$
<b>TOTAL GROUP 19</b>						\$
GROUP 20- Resilient Seated OS & Y Valves				DISCOUNT _____ % MANUFACTURER:		
	Description	UOM	QTY	MSRP	MSRP LESS DISCOUNT	EXTENSION
51	VALVE, OS&Y, FL X FL, 4"	Each	100	\$	\$	\$
52	VALVE, OS&Y, FL X FL, 6"	Each	100	\$	\$	\$
53	VALVE, OS&Y, FL X FL, 8"	Each	100	\$	\$	\$
<b>TOTAL GROUP 20</b>						\$
GROUP 21 – Valve Box				DISCOUNT _____ % MANUFACTURER:		
	Description	UOM	QTY	MSRP	MSRP LESS DISCOUNT	EXTENSION
54	RING & COVER, HANDHOLE, MARKED "S"	Each	300	\$	\$	\$
55	TOP, VALVE BOX, W/ LID, 10" (WATER)	Each	200	\$	\$	\$
56	BOTTOM, VALVE BOX, 15"	Each	200	\$	\$	\$
<b>TOTAL GROUP 21</b>						\$



**SECTION F – BID SUBMITTAL**

<b>GROUP 22 – HDPE Adjustment Rings</b>				<b>DISCOUNT _____ % MANUFACTURER: Lad Tech, Inc</b>		
	<b>Description</b>	<b>UOM</b>	<b>QTY</b>	<b>MSRP</b>	<b>MSRP LESS DISCOUNT</b>	<b>EXTENSION</b>
57	MANHOLE ADJUSTING RING, HDPE, 4" X 24"	Each	200	\$	\$	\$
58	MANHOLE ADJUSTING RING, HDPE, 2" X 24"	Each	200	\$	\$	\$
59	MANHOLE ADJUSTING RING, HDPE, 1-1/2" X 24" (S)	Each	200	\$	\$	\$
<b>TOTAL GROUP 22</b>						\$
<b>GROUP 23 – Concrete Thrust Block</b>				<b>DISCOUNT _____ % MANUFACTURER:</b>		
	<b>Description</b>	<b>UOM</b>	<b>QTY</b>	<b>MSRP</b>	<b>MSRP LESS DISCOUNT</b>	<b>EXTENSION</b>
60	BLOCK, THRUST, LARGE	Each	100	\$	\$	\$
61	BLOCK, THRUST SMALL	Each	100	\$	\$	\$
<b>TOTAL GROUP 23</b>						\$
<b>GROUP 24– PVC Pipe (2" SDR21)</b>				<b>DISCOUNT _____ % MANUFACTURER:</b>		
	<b>Description</b>	<b>UOM</b>	<b>QTY</b>	<b>MSRP</b>	<b>MSRP LESS DISCOUNT</b>	<b>EXTENSION</b>
62	PIPE, SDR-21, BLUE, 2"	Feet	3000	\$	\$	\$
<b>TOTAL GROUP 24</b>						\$
<b>GROUP 25– PVC Pipe C-900 (4" and above) – Potable Water</b>				<b>DISCOUNT _____ % MANUFACTURER:</b>		
	<b>Description</b>	<b>UOM</b>	<b>QTY</b>	<b>MSRP</b>	<b>MSRP LESS DISCOUNT</b>	<b>EXTENSION</b>
63	PIPE, C-900, BLUE, 4"	Feet	600	\$	\$	\$
64	PIPE, C-900, BLUE, 6"	Feet	4000	\$	\$	\$
65	PIPE, C-900, BLUE, 8"	Feet	800	\$	\$	\$
<b>TOTAL GROUP 25</b>						\$

**SECTION F – BID SUBMITTAL**

<b>GROUP 26 – PVC Pipe C-900 (4" and Above) – Non-Potable Water</b>				<b>DISCOUNT _____ % MANUFACTURER:</b>		
	<b>Description</b>	<b>UOM</b>	<b>QTY</b>	<b>MSRP</b>	<b>MSRP LESS DISCOUNT</b>	<b>EXTENSION</b>
66	PIPE, C-900, GREEN, 4"	Feet	200	\$	\$	\$
67	PIPE, C-900, GREEN, 6"	Feet	200	\$	\$	\$
68	PIPE, C-900, GREEN, 8"	Feet	200	\$	\$	\$
<b>TOTAL GROUP 26</b>						\$
<b>GROUP 27 – PVC Pipe ASTM D-3034 (SDR 26)</b>				<b>DISCOUNT _____ % MANUFACTURER:</b>		
	<b>Description</b>	<b>UOM</b>	<b>QTY</b>	<b>MSRP</b>	<b>MSRP LESS DISCOUNT</b>	<b>EXTENSION</b>
69	PIPE, PVC, SDR-26, 4" (SEWER)	Feet	3000	\$	\$	\$
70	PIPE, PVC, SDR-26, 6" (SEWER)	Feet	600	\$	\$	\$
71	PIPE, PVC, SDR-26, 8" (SEWER)	Feet	600	\$	\$	\$
<b>TOTAL GROUP 27</b>						\$
<b>GROUP 28 – Polyethylene Tubing ASTM D-2737 (Blue) – for Potable Water Service</b>				<b>DISCOUNT _____ % MANUFACTURER:</b>		
	<b>Description</b>	<b>UOM</b>	<b>QTY</b>	<b>MSRP</b>	<b>MSRP LESS DISCOUNT</b>	<b>EXTENSION</b>
72	TUBING, POLYETHYLENE, BLUE, 3/4"	Feet	12000	\$	\$	\$
73	TUBING, POLYETHYLENE, BLUE, 1"	Feet	6000	\$	\$	\$
74	TUBING, POLYETHYLENE, BLUE, 2"	Feet	10 00	\$	\$	\$
<b>TOTAL GROUP 28</b>						\$

## SECTION F – BID SUBMITTAL

GROUP 29 – Polyethylene Tubing ASTM D-2737 (Purple (Magenta) Reclaimed Water Service)				DISCOUNT _____% MANUFACTURER:		
	Description	UOM	QTY	MSRP	MSRP LESS DISCOUNT	EXTENSION
75	TUBING, POLYETHYLENE, MAGENTA, 3/4"	Feet	100	\$	\$	\$
76	TUBING, POLYETHYLENE, MAGENTA, 1"	Feet	3000	\$	\$	\$
77	TUBING, POLYETHYLENE, MAGENTA, 2"	Feet	100	\$	\$	\$
<b>TOTAL GROUP 29</b>						\$
GROUP 30 – Schedule 80 Plastic Fittings (Threaded IPS Nipples & Plugs Only)				DISCOUNT _____% MANUFACTURER:		
	Description	UOM	QTY	MSRP	MSRP LESS DISCOUNT	EXTENSION
78	NIPPLE, SCH 80, 1" X 6"	Each	200	\$	\$	\$
79	NIPPLE, SCH 80, 1-1/2" X 6"	Each	200	\$	\$	\$
80	NIPPLE, SCH 80, 3/4" X 6"	Each	200	\$	\$	\$
<b>TOTAL GROUP 30</b>						\$
GROUP 31 – Fittings, Gasketed PVC, SDR35				DISCOUNT _____% MANUFACTURER:		
	Description	UOM	QTY	MSRP	MSRP LESS DISCOUNT	EXTENSION
81	ADAPTER, CLEAN-OUT, SDR-25, 4"	Each	400	\$	\$	\$
82	PLUG, CLEAN-OUT, SDR-35, RECESSED, 4"	Each	300	\$	\$	\$
83	PLUG, CLEAN-OUT, SDR-35, NON-RECESSED, 4"	Each	300	\$	\$	\$
<b>TOTAL GROUP 31</b>						\$

**SECTION F – BID SUBMITTAL**

<b>GROUP 32 – Service Saddles</b>				<b>DISCOUNT _____% MANUFACTURER:</b>		
	<b>Description</b>	<b>UOM</b>	<b>QTY</b>	<b>MSRP</b>	<b>MSRP LESS DISCOUNT</b>	<b>EXTENSION</b>
84	SADDLE, SERVICE, 6" X 3/4" (CC)	Each	200	\$	\$	\$
85	SADDLE, SERVICE, 2" X 3/4" (CC)	Each	200	\$	\$	\$
86	SADDLE, SERVICE, 8" X 3/4" (CC)	Each	200	\$	\$	\$
<b>TOTAL GROUP 32</b>						\$
<b>GROUP 33 – Tap Sleeves</b>				<b>DISCOUNT _____% MANUFACTURER:</b>		
	<b>Description</b>	<b>UOM</b>	<b>QTY</b>	<b>MSRP</b>	<b>MSRP LESS DISCOUNT</b>	<b>EXTENSION</b>
87	SLEEVE, TAP, 6" X 6"	Each	100	\$	\$	\$
88	SLEEVE, TAP, 6" X 4"	Each	100	\$	\$	\$
89	SLEEVE, TAP, 8" X 4"	Each	100	\$	\$	\$
<b>Total Group 33</b>						\$
<b>GROUP 34 – Repair Clamp</b>				<b>DISCOUNT _____% MANUFACTURER:</b>		
	<b>Description</b>	<b>UOM</b>	<b>QTY</b>	<b>MSRP</b>	<b>MSRP LESS DISCOUNT</b>	<b>EXTENSION</b>
90	CLAMP, REPAIR, (PIPE SAVER), 3/4"	Each	200	\$	\$	\$
91	CLAMP, REPAIR, (PIPE SAVER), 1"	Each	100	\$	\$	\$
92	CLAMP, REPAIR, (PIPE SAVER), 1-1/2"	Each	100	\$	\$	\$
<b>TOTAL GROUP 34</b>						\$
<b>GROUP 35 – Full Seal Clamps 4" and Larger</b>				<b>DISCOUNT _____% MANUFACTURER:</b>		
	<b>Description</b>	<b>UOM</b>	<b>QTY</b>	<b>MSRP</b>	<b>MSRP LESS DISCOUNT</b>	<b>EXTENSION</b>
93	CLAMP, FULL SEAL, 6" X 15"	Each	100	\$	\$	\$
94	CLAMP, FULL SEAL PIPE REPAIR, 6" X 7-1/2"	Each	100	\$	\$	\$
95	CLAMP, FULL SEAL, 4" X 7-1/2"	Each	100	\$	\$	\$
<b>TOTAL GROUP 35</b>						\$

## SECTION F – BID SUBMITTAL

GROUP 36 – Full Seal Clamps ¾" thru 3"				DISCOUNT _____ % MANUFACTURER:		
	Description	UOM	QTY	MSRP	MSRP LESS DISCOUNT	EXTENSION
96	CLAMP, FULL SEAL, 1/2" X 3"	Each	100	\$	\$	\$
97	CLAMP, FULL SEAL, 3/4" X 3"	Each	200	\$	\$	\$
98	CLAMP, FULL SEAL, 1" X 3"	Each	100	\$	\$	\$
<b>TOTAL GROUP 36</b>						\$
GROUP 37 – Pipe Adapters, Non Pressure				DISCOUNT _____ % MANUFACTURER:		
	Description	UOM	QTY	MSRP	MSRP LESS DISCOUNT	EXTENSION
99	ADAPTER, CL X CI/PL, 6" X 4"	Each	200	\$	\$	\$
100	ADAPTER, CI/PL X CI/PL, 4" X 4"	Each	400	\$	\$	\$
101	ADAPTER, CL X CI/PL, 4" X 4"	Each	300	\$	\$	\$
<b>TOTAL GROUP 37</b>						\$
GROUP 38 – Fire Hydrants				DISCOUNT _____ % MANUFACTURER:		
	Description	UOM	QTY	MSRP	MSRP LESS DISCOUNT	EXTENSION
102	HYDRANT, FIRE, BURY, 36"	Each	100	\$	\$	\$
103	HYDRANT, FIRE , BURY, 42"	Each	100	\$	\$	\$
104	HYDRANT, FIRE, BURY, 48"	Each	100	\$	\$	\$
<b>TOTAL GROUP 38</b>						\$
GROUP 39 – Water Meter Connection Gaskets				DISCOUNT _____ % MANUFACTURER:		
	Description	UOM	QTY	MSRP	MSRP LESS DISCOUNT	EXTENSION
105	¾" x 1/16" Fiber Meter Gasket	Each	2000	\$	\$	\$
106	¾" x 1/8" Rubber Meter Gasket	Each	2000	\$	\$	\$
107	1" x 1/8" Rubber Meter Gasket	Each	2000	\$	\$	\$
<b>TOTAL GROUP 39</b>						\$

## SECTION F – BID SUBMITTAL

GROUP 40 – Flange Joint Ring Gasket				DISCOUNT _____% MANUFACTURER:		
	Description	UOM	QTY	MSRP	MSRP LESS DISCOUNT	EXTENSION
108	4" Flange Joint Ring Gasket	Each	1000	\$	\$	\$
109	6" Flange Joint Ring Gasket	Each	1000	\$	\$	\$
110	8" Flange Joint Ring Gasket	Each	1000	\$	\$	\$
<b>TOTAL GROUP 40</b>						\$
GROUP 41 – Cured-in-Place Point Repair Kit				DISCOUNT _____% MANUFACTURER: Perma-Liner Industries, Inc		
	Description	UOM	QTY	MSRP	MSRP LESS DISCOUNT	EXTENSION
111	8" x 4" Flange Joint Ring Gasket	Each	1000	\$	\$	\$
112	8" x 7" Flange Joint Ring Gasket	Each	1000	\$	\$	\$
113	10" x 6" Flange Joint Ring Gasket	Each	1000	\$	\$	\$
<b>TOTAL GROUP 41</b>						\$
GROUP 42 – Adjustable Pipe Stand				DISCOUNT _____% MANUFACTURER:		
	Description	UOM	QTY	MSRP	MSRP LESS DISCOUNT	EXTENSION
114	STAND, BACKFLOW, ADJUSTABLE	Each	200	\$	\$	\$
<b>TOTAL GROUP 42</b>						\$
GROUP 43 – Flanged Joint Fittings (AWWA C110)				DISCOUNT _____% MANUFACTURER:		
	Description	UOM	QTY	MSRP	MSRP LESS DISCOUNT	EXTENSION
115	FLANGE, COMPANION, 6" W/2" TAP	Each	100	\$	\$	\$
116	FLANGE, COMPANION, 4" W/2" TAP	Each	100	\$	\$	\$
117	FLANGE, BLIND, 6"	Each	100	\$	\$	\$
<b>TOTAL GROUP 43</b>						\$

**SECTION F – BID SUBMITTAL**

<b>GROUP 44 – Ductile Iron Pipe/Push-on Joint/Class 350</b>				<b>DISCOUNT _____% MANUFACTURER:</b>		
	<b>Description</b>	<b>UOM</b>	<b>QTY</b>	<b>MSRP</b>	<b>MSRP LESS DISCOUNT</b>	<b>EXTENSION</b>
118	PIPE, DI, CL350, 4"	Feet	200	\$	\$	\$
119	PIPE, DI, CL350, 12"	Feet	200	\$	\$	\$
120	PIPE, D.I., PROTECTO 401, 6" (SEWER)	Feet	200	\$	\$	\$
<b>TOTAL GROUP 44</b>						\$
<b>GROUP 45 – Repair Coupling, Compression</b>				<b>DISCOUNT _____% MANUFACTURER:</b>		
	<b>Description</b>	<b>UOM</b>	<b>QTY</b>	<b>MSRP</b>	<b>MSRP LESS DISCOUNT</b>	<b>EXTENSION</b>
121	COUPLING, REPAIR, HYMAX, 4"	Each	75	\$	\$	\$
122	COUPLING, REPAIR, HYMAX, 6"	Each	75	\$	\$	\$
123	COUPLING, REPAIR, HYMAX, 8"	Each	75	\$	\$	\$
<b>TOTAL GROUP 45</b>						\$
<b>GROUP 46 – Miscellaneous Water, Sewer &amp; Reclaim Supplies</b>				<b>DISCOUNT _____% MANUFACTURER:</b>		
	<b>Description</b>	<b>UOM</b>	<b>QTY</b>	<b>MSRP</b>	<b>MSRP LESS DISCOUNT</b>	<b>EXTENSION</b>
124	23-3/4 SS M/HOLE INFLOW PROT	Each	400	\$	\$	\$
125	MANHOLE COVER, 195-W, 23-3/4" X 1-1/4" W/6" X 36" RING	Each	50	\$	\$	\$
126	SU2000 SAMPLING STATION	Each	20	\$	\$	\$
<b>TOTAL GROUP 46</b>						\$
<b>GROUP 47 – Valve, Air Release – Short Body/Sanitary Sewer</b>				<b>DISCOUNT _____% MANUFACTURER:</b>		
	<b>Description</b>	<b>UOM</b>	<b>QTY</b>	<b>MSRP</b>	<b>MSRP LESS DISCOUNT</b>	<b>EXTENSION</b>
127	AIR RELEASE, VALVE, SHORT BODY SANITARY SEWER, GA INDUSTRIES, 929F	Each	30	\$	\$	\$
<b>TOTAL GROUP 47</b>						\$

**SECTION F – BID SUBMITTAL**

<b>GROUP 48 – Valve, Air Release – Stainless Steel/Sanitary Sewer</b>				<b>DISCOUNT _____ % MANUFACTURER:</b>		
	<b>Description</b>	<b>UOM</b>	<b>QTY</b>	<b>MSRP</b>	<b>MSRP LESS DISCOUNT</b>	<b>EXTENSION</b>
128	AIR RELEASE, VALVE, SANITARY SEWER, 2" (STAINLESS STEEL)	Each	10	\$	\$	\$
129	AIR RELEASE, VALVE, SANITARY SEWER, FLANGE, 4", (STAINLESS STEEL)	Each	10	\$	\$	\$
<b>TOTAL GROUP 48</b>						\$
<b>GROUP 49 – Valve, Air Release (UL/FM ) – Potable &amp; Reclaimed Water</b>				<b>DISCOUNT _____ % MANUFACTURER:</b>		
	<b>Description</b>	<b>UOM</b>	<b>QTY</b>	<b>MSRP</b>	<b>MSRP LESS DISCOUNT</b>	<b>EXTENSION</b>
130	AIR RELEASE VLV 15-A	Each	30	\$	\$	\$
131	AIR RELEASE VLV, 22	Each	30	\$	\$	\$
<b>TOTAL GROUP 49</b>						\$
<b>GROUP 50 – Valve, Air Release (2") – Potable &amp; Reclaimed Water</b>				<b>DISCOUNT _____ % MANUFACTURER:</b>		
	<b>Description</b>	<b>UOM</b>	<b>QTY</b>	<b>MSRP</b>	<b>MSRP LESS DISCOUNT</b>	<b>EXTENSION</b>
132	AIR RELEASE, 2" INSET, POTABLE WATER/RECLAIM	Each	20	\$	\$	\$
<b>TOTAL GROUP 50</b>						\$



## SECTION F – BID SUBMITTAL

GROUP 51 – Traffic Grates, Frames, Manhole Covers & Adjusting Rings				DISCOUNT _____ % MANUFACTURER: US Foundry		
	Description	UOM	QTY	MSRP	MSRP LESS DISCOUNT	EXTENSION
133	GRATE, TRAFFIC, CAST IRON, SQUARE HD 24" x 24" x 1½" Grate Style 54-R / US Foundry #6235	Each	75	\$	\$	\$
134	GRATE, STEEL GALV., HD 47" X 21½" X 3 5/8" H-20 3 SIDE BEARING, US FOUNDRY DRWG #39213	Each	200	\$	\$	\$
135	MANHOLE RING & COVER, SLAB TYPE, 23 7/8" x 1¼" x 6" (TOP FLANGE). STAMP: PINELLAS COUNTY STORM SEWER & YEAR. US FOUNDRY #1266BJ	Each	300	\$	\$	\$
136	ADJUSTING RING FOR MANHOLE 23¾" x 1¼" x 2" for #170. US Foundry #2336	Each	185	\$	\$	\$
<b>TOTAL GROUP 51</b>						\$

**SECTION F – BID SUMMARY**

<b>Group</b>	<b>Total</b>	<b>% of Discount</b>	<b>Manufacturer</b>
1	\$	%	
2	\$	%	
3	\$	%	
4	\$	%	
5	\$	%	
6	\$	%	
7	\$	%	
8	\$	%	
9	\$	%	
10	\$	%	
11	\$	%	
12	\$	%	
13	\$	%	
14	\$	%	
15	\$	%	
16	\$	%	
17	\$	%	
18	\$	%	
19	\$	%	
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21	\$	%	
22	\$	%	
23	\$	%	
24	\$	%	
25	\$	%	
26	\$	%	
27	\$	%	
28	\$	%	
29	\$	%	
30	\$	%	
31	\$	%	
32	\$	%	
33	\$	%	
34	\$	%	
35	\$	%	
36	\$	%	
37	\$	%	
38	\$	%	
39	\$	%	
40	\$	%	

**SECTION F – BID SUMMARY**

<b>Group</b>	<b>Total</b>	<b>% of Discount</b>	<b>Manufacturer</b>
41	\$	%	
42	\$	%	
43	\$	%	
44	\$	%	
45	\$	%	
46	\$	%	
47	\$	%	
48	\$	%	
49	\$	%	
50	\$	%	
51	\$	%	

<b>Total Bid</b>	\$
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- Materials Affidavit (Attachment A)
- MSRP Documentation
- Valve Box – Drawings (Page 29)

**IF THE COUNTY IS EXPECTED TO SIGN ANY AGREEMENTS, PLEASE SUBMIT DOCUMENTS WITH YOUR BID.**

**DELIVERY \_\_\_\_\_ DAYS AFTER RECEIPT OF ORDER**

An award may not be issued without proof that your firm is registered with the Florida Division of Corporations, as per Florida Statute §607.1501 (<http://www.flsenate.gov/Laws/Statutes/2011/607.1501>).

A foreign corporation (foreign to the State of Florida) may not transact business in this state until it obtains a certificate of authority from the Department of State. Please visit [www.sunbiz.org](http://www.sunbiz.org) for this information on how to become registered.

**SECTION F – BID SUMMARY****Electronic Payment (ePayables)**

The Board of County Commissioners (County) is offering faster payments. The County would prefer to make payment using credit card through the ePayables system. See Section A, number 27.

Would your company accept to participate in the ePayables credit card program?

Yes No 

For more information about ePayables credit card program please visit Purchasing Department website [www.pinellascounty.org/purchase](http://www.pinellascounty.org/purchase).

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Company Name

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Signature

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Printed Signature

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Phone Number

**W-9 REQUEST FOR TAXPAYER ID NUMBER AND CERTIFICATION**

Substitute Form **W-9**

**Request for Taxpayer Identification Number and Certification**

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

**Print or type**  
**See Specific Instructions on page 2.**

Name (as shown on your income tax return)

Business name, if different from above

Check appropriate box:  Individual/Sole proprietor  Corporation  Partnership  
 Limited liability company. Enter the tax classification (D=disregarded entity, C=corporation, P=partnership) ▶ .....  Exempt payee  
 Other (see instructions) ▶

Address (number, street, and apt. or suite no.) Requester's name and address (optional)

City, state, and ZIP code

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 your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Social security number
or
Employer identification number

**Note.** If the account is in more than one name, see the chart on page 4 for guidelines on whose number to enter.

**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 in the instructions).

**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 on page 4.

**Sign Here** Signature of U.S. person ▶ Date ▶

**\*Instructions to Form W-9 available upon request.**

Detach on the perforation

**Section 119.071(5), Florida Statutes Notice:**

Your Tax Identification Number (which for individuals is your social security number) is collected on Form W9 for use in filing information returns with the IRS as described more fully below. Collection of the tax identification number (or social security number as applicable) is mandatory pursuant to Section 6109 of the Internal Revenue Code (26 U.S.C § 6109).

**Privacy Act Notice:**

Section 6109 of the Internal Revenue Code requires you to provide your correct TIN to persons who must file information returns with the IRS to report interest, dividends, and certain other income paid to you, mortgage interest you paid, the acquisition or abandonment of secured property, cancellation of debt, or contributions you made to an IRA, or Archer MSA or HSA. The IRS uses the numbers for identification purposes and to help verify the accuracy of your tax return. The IRS may also provide this information to the Department of Justice for civil and criminal litigation, and to cities, states, the District of Columbia, and U.S. possessions to carry out their tax laws. We may also disclose this information to other countries under a tax treaty, to federal and state agencies to enforce federal nontax criminal laws, or to federal law enforcement and intelligence agencies to combat terrorism.

You must provide your TIN whether or not you are required to file a tax return. Payers must generally withhold 28% of taxable interest, dividend, and certain other payments to a payee who does not give a TIN to a payer. Certain penalties may also apply.

**SECTION G - ADDENDA ACKNOWLEDGMENT FORM**

**Bid Title: Water and Sewer Materials**

**Bid No: 156-0035-B(LN)**

**PLEASE ACKNOWLEDGE RECEIPT OF ADDENDA FOR THIS ITB/RFP BY SIGNING AND DATING BELOW:**

ADDENDUM NO.	SIGNATURE/PRINTED NAME	DATE RECEIVED

**Note:** Prior to submitting the response to this solicitation, it is the responsibility of the firm submitting a response to confirm if any addenda have been issued. If such document(s) has been issued, acknowledge receipt by signature and date in section above. Failure to do so may result in being considered non-responsive or result in lowering the rating of a firm’s proposal.

Information regarding Addenda issued is available on the Purchasing Department’s website at, [www.pinellascounty.org/purchase/Current\\_Bids1.htm](http://www.pinellascounty.org/purchase/Current_Bids1.htm) , listed under category ‘Current Bids’.

**SECTION H – STATEMENT OF NO BID**

**NOTE:** If you do not intend to bid on this requirement, please return this form immediately. **Thank you.**

[Pinellas County Purchasing Department  
400 South Fort Harrison Avenue, 6th Floor  
Clearwater, Florida 33756]

We, the undersigned have declined to submit a bid for No. **156-0035-B(LN)** for **Water and Sewer Materials**

- Specifications too "tight", i.e., geared toward one brand or manufacturer only (explain below).
- Insufficient time to respond to the Invitation to Bid.
- We do not offer this product or service.
- Our schedule would not permit us to perform.
- Unable to meet specifications.
- Unable to meet Bond requirement.
- Specifications unclear (explain below).
- Unable to Meet Insurance Requirements.
- Remove Us from Your "Notification List" Altogether
- Other (specify below).

REMARKS:

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We understand that if the "No Bid" letter is not executed and returned our name may be deleted from the Bidders List of Pinellas County.

COMPANY NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

TYPED NAME OF ABOVE: \_\_\_\_\_

TELEPHONE: \_\_\_\_\_

FAX: \_\_\_\_\_

EMAIL: \_\_\_\_\_

**MATERIALS AFFIDAVIT  
Provide with Bid Submittal**

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Company: \_\_\_\_\_

I, \_\_\_\_\_ (Name), certify:

- 1. That I hold the above position with the above company and have been formally authorized through its governance system as an authorized representative to act for and on behalf of the company to create this affidavit.
- 2. That all potable and reclaimed water meters and related parts and all backflow prevention assemblies, devices and related parts meet all current regulatory requirements; including those for accuracy testing, low lead standards for drinking water conveyance materials, food additive standards for coatings, and Factory Mutual Approved and Underwriter Laboratory approvals as appropriate.
- 3. That accuracy testing certification will be provided with every potable and reclaimed water meter delivered to Pinellas County Utilities.
- 4. That proof of material regulatory compliance shall be promptly provided to Pinellas County Utilities when requested.
- 5. That all potable and reclaimed water meters and related parts and all backflow prevention assemblies, devices and related parts will meet future regulatory requirements by the prescribed deadlines; including those for accuracy testing, low lead standards for drinking water conveyance materials, food additive standards for coatings, and Factory Mutual Approved and Underwriter Laboratory approvals as appropriate.

Dated: \_\_\_\_\_ (Company Name) \_\_\_\_\_

By: (Name and Title of Authorized Representative) \_\_\_\_\_

STATE OF FLORIDA  
COUNTY OF PINELLAS

I, the undersigned Notary public, do hereby affirm that (Authorized Representative Name) personally appeared before me on the \_\_\_ day of (Month) (Year), and signed the above Affidavit in his/her capacity as (Title) of (Company) on behalf of such company.

\_\_\_\_\_  
Notary (Name)

My commission expires: (Date) \_\_\_\_\_