

SCOPE OF WORK

INTENT

The intent of this invitation to bid is to establish an annual requirement contract for High-Density Polyethylene (HDPE) water pipe. The HDPE water pipe shall be utilized for new installations and repairs made by Arlington Water Utilities.

CONTRACTOR QUALIFICATIONS

The Contractor shall be an authorized dealer/reseller of the products offered. The Contractor shall have and operate a full-time, permanent business address with the ability to be reached by email and telephone.

CONTRACTOR'S RESPONSIBILITIES

If a manufacturer discontinues a Contract Item, the Contractor shall immediately notify the Contract Manager or designee to request approval of a substitute item. Contractor may not substitute a product without prior approval of the City.

The City reserves the right to order other items of a similar nature to those specifically listed, based on the Contractor's discount from non-Specified lines listed on the Bid Sheet and under the same terms and conditions of this Contract.

PRODUCT SPECIFICATION

HDPE pipe shall be PE4710, conforming to the latest edition of ANSI/AWWA C906 and ANSI/NSF Standard 61. For potable water applications, PE4710 compound shall conform to ASTM D3350 minimum Cell classification 445574C-CC2 or CC3. Refer to PPI TN-44 for CC2 and CC3 calculations to determine which classification is required.

HDPE pipe shall be extruded by a Plastic Pipe Institute PPI member and shall meet the requirements of AWWA C906.

Dimensions and tolerances for HDPE pipe and fittings shall meet the requirements of AWWA C906.

The pipe shall be marked in accordance with the standards to which it is manufactured. Markings shall include the following items: Nominal size (such as 12"), outside diameter base (such as DIPS), dimension ratio (such as DR 17), manufacturer's name or trademark, standard materials designation code (PE 4710), cell classification (e.g. PE 445574C), PE compound oxidative resistance for potable water (such as CC2), pressure class (such as PC 125), standard's designation (AWWA C906), manufacturer's production code, date of manufacture, mark of the certifying agency for potable water (such as NSF).

PRODUCT QUALITY ASSURANCE/CONTROL SUBMITTALS

The bidder must submit affirmation that product shipped meets or exceeds the standards set forth in this specification. This shall be in the form of a written document from the manufacturer attesting to the manufacturing process meeting the standards. Product literature, specifications, copies of laboratory testing reports, warranties/guarantees and technical information, including Safety Data Sheets, will be provided to the City within five (5) calendar days of the request.

The bidder must also submit the manufacturers recommended fusion procedures for the products bid.

PRODUCT MANUFACTURERS

Approved manufacturers can be found at the following location: <http://plasticpipe.org/municipalindustrial>

PRICING OF MATERIALS

Bidders shall bid a fixed price for all items on the bid form for the term of this contract.

DELIVERY

Furnish and deliver requested materials Arlington Water Utilities jobsite on dates specified. Some orders may also be requested to be delivered to the Arlington Water Warehouse, 1100 SW Green Oaks Blvd., Arlington, TX 76017.

GUARANTEE

The bidder guarantees items offered and delivered to be the current standard production at the time of bid and shall offer guarantee expiration date of no less than one year. The bidder also warrants and guarantees each item offered and delivered to be free from any and all defects in design, material, workmanship, packaging and failure to operate satisfactorily and agrees to replace the items promptly at no charge to the City of Arlington, for the entirety of the manufacturer's standard warranty but in no case for a period of less than 12 months from the date of acceptance. The warranty and/or guarantee shall begin on the date the product is placed into service and shall continue through the manufacturer's standard warranty period.