

**SAN ANTONIO WATER SYSTEM PURCHASING DEPARTMENT**

Issued By: **D. Anthony Rubin**  
BID NO.: **18-0028**

Date Issued: **June 19, 2018**

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**FORMAL INVITATION FOR BIDS  
ANNUAL CONTRACT FOR MISCELLANEOUS WATERWORKS BRASS GOODS  
ADDENDUM NO. 1**

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Sealed bids addressed to the Purchasing Director, San Antonio Water System, 2800 US Hwy 281 North, San Antonio, TX 78212 will be received until **3:00 p.m., June 26, 2018** and then publicly opened and read aloud for furnishing materials or services as described received herein below,

The San Antonio Water System Purchasing Department is willing to assist any bidder(s) in the interpretation of bid provisions or explanation of how bid forms are to be completed. Assistance may be received by visiting the Purchasing Office in the SAWS Main Office, 2800 US Hwy 281 North, San Antonio, TX 78212, or by calling (210) 233-3819.

This invitation includes the following:

Invitation for Bids  
Terms and Conditions of Invitation for Bids

Specifications and General Requirements  
Price Schedule

The undersigned, by his/her signature, represents that he/she is authorized to bind the Bidder to fully comply with the Specifications and General Requirements for the amount(s) shown on the accompanying bid sheet(s). By signing below, Bidder has read the entire document and agreed to the terms therein.

Signer's Name: \_\_\_\_\_ Firm Name: \_\_\_\_\_  
(Please Print or Type)

Address: \_\_\_\_\_

Signature of Person Authorized to Sign Bid \_\_\_\_\_ City, State, Zip Code: \_\_\_\_\_

Email Address: \_\_\_\_\_ Telephone No.: \_\_\_\_\_

Fax No.: \_\_\_\_\_

Please complete the following:

Prompt Payment Discount: \_\_\_\_\_% \_\_\_\_\_days. (If no discount is offered, Net 30 will apply.)

Please check the following blanks which apply to your company:

Ownership of firm (51% or more):

Non-minority  Hispanic  African-American  Other Minority (specify) \_\_\_\_\_

Female Owned  Handicapped Owned  Small Business (less than \$1 million annual receipts or 100 employees)

Indicate Status:  Partnership  Corporation  Sole Proprietorship  Other (specify) \_\_\_\_\_

Tax Identification Number: \_\_\_\_\_

**To report suspected ethics violations impacting the San Antonio Water System, please call 1-800-687-1918.**

Please make the following changes to subject bid form mailed to you June 4, 2018.

Change bid opening date and time as follows:

**“3:00 p.m., June 26, 2018”**

On Page 21 of 23 PRICE SCHEDULE Description on Item 4 needs to be changed as follows:

Manufacturer: A.Y. McDonald, Part No. 74652BQ and 74612BQ or approved equal.

**IT IS NOT NECESSARY TO RETURN THIS ADDENDUM WITH YOUR BID**

**SPECIFICATIONS** have been revised as follow:

**SPECIFICATIONS:**

**15-40**

**SAN ANTONIO WATER SYSTEM  
SPECIFICATIONS FOR NO LEAD CONTENT WATERWORKS BRASS GOODS  
REVISED Dec 2011**

**1. SCOPE**

This specification covers waterworks brass goods, such as, corporation stops, curb stops, couplings, connectors, nipples, etc.

**2. GENERAL REQUIREMENTS**

- a. The brass composition shall conform to ASTM Specifications B-62, or latest revision thereof, fittings shall conform to ANSI/AWWA Specifications C-800, or latest revision thereof.
- b. All brass components in contact with potable water must be made from either CDA/UNS Brass Alloys C89520 in accordance with ASTM B584; or C89833 with a maximum lead content of .25% by weight. Brass saddles shall be made from CDA/UNS C83600.
- c. Any brass component not in contact with potable water shall be made of 85-5-5-5 brass as defined per ASTM B62, ASTM B584 and AWWA C-800.
- d. All service fittings shall be certified as suitable for contact with drinking water by an ANSI accredited organization in accordance with ANSI/NSF standard 61, Drinking Water Systems Components-Health effects section 8. Proof of certification is required. The lead content of the wetted components in contact with potable water shall also be verified by an ANSI accredited testing facility.

- e. All brass fittings and valves shall have the manufacturers name and/or trademark integrally stamped, or cast into it indicating that the product is manufactured from the low-lead alloy as specified. Another marking such as “NL”, “EBII”, “FD” or other commonly accepted identifier, indicating the alloy as “No-lead”; shall also be cast or stamped into the fitting or valve.
- f. Painting, printing, sticker, or decals attesting to the components “no-lead” certification shall not be permitted.
- g. All casting shall have a natural, clean uniform and smooth surface, and be free from internal porosity.
- h. All machining shall be done in a workmanlike manner and within the acceptable tolerances.

**3. DESIGN CRITERIA FOR BALL TYPE CURB STOPS /ANGLE VALVES**

- a. All Curb Stop, Corporation and Angle valves shall be ball valves. "Inverted/Ground Key," type angle valves will not be accepted.
- b. Ball type valves will not have a stop.
- c. All ball valves, couplings and adapters will be pressure rated to 300 psi, and will be supplied with blowout resistance cap and stems with double SBR, NBR or EPDM o-ring steam seal.
- d. Stem and cap assembly will be one-piece design and will withstand low operating torque.
- e. Ball seats will be made with unfilled Teflon or EPDM for resilience and minimal friction.
- f. Ball will be lead free cast brass or stainless design. Only lead free Coatings would permitted.
- g. All fittings shall have a lifetime guarantee against lead leachate from the casting.
- h. The reduced port design not will be acceptable. The only exception is on the 3/4" curbstop angle/meter valve.
- i. Pack Joints will not be accepted.

**APPROVED MANUFACTURER LIST**

**In Line FIP X FIP**

**Approved Manufacturers and Models:**

**2-INCH FIP X FIP**

<b><u>Manufacturer</u></b>	<b><u>Model</u></b>
Ford Meter Box	B11-777WR-NL
A.Y. McDonald	76111W
Mueller	B-20200-3N
James Jones	J1900-RN

**Angle Curb Stop Meter Coupling x Compression**  
**Approved Manufacturers and Models:**

Size

<b>Manufacturer</b>	<b>3/4"</b>	<b>1"</b>	<b>1.5"</b>	<b>2"</b>
A.Y. McDonald	74652BQ & 74612BQ	74612BQ	74612BCS	74612BCS
Ford Meter Box	BA43-232WRQ-NL	BA43-444WRQ-NL	BFA43-666WRQ-NL	BFA43-777WRQ-NL
Mueller	B24258-3N	B24258-3N	B24276-3N	B24276-3N
James Jones	J-1963WSG-N	J-1963WSG-N	J-1975WSGLS-N	J-1975WSGLS-N

**F.I.P. X METER SWIVEL NUT/COUPLING**

**Approved Manufacturers and Models:**

Size

<b>Manufacturer</b>	<b>3/4"</b>
A.Y. McDonald	74654B
Ford Meter Box	BA13-232WR-NL
Mueller	B24265-3N
James Jones	J-1966WLS-N

**Ball Corporation Valve**

**Approved Manufacturers and Models:**

<b><u>Manufacturer</u></b>	<b><u>CC X CMP</u></b>	<b><u>IP X CMP</u></b>
A.Y. Mc Donald	74701BQ	74704 BQ
Mueller	B-25008N	B-25028N
James Jones	J-1937 SG-N	J-1935 SG-N
Ford Meter Box	FB-1000Q-NL	FB-1100Q-NL