



HOGG STONE & ASSOCIATES ENGINEERS, INC.

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May 13, 2024

TO: Mr. John Laney, Project Manager  
SRF Section  
Alabama Department of Environmental Management

RE: **Selma Waterworks - DWSRF Project No. FS010256-04**  
**Contract 1 – Lead Service Line Replacement – Downtown Area**  
**AIS Waiver – Water Meter Boxes**

Dear Mr. Laney,

The Selma Waterworks is hereby formally requesting a waiver from the American Iron and Steel (AIS) provisions required by the Drinking Water State Revolving Fund program for the specified cast iron water meter boxes for the above referenced project. The project specifications call for fully cast-iron meter boxes with dimensions 12-3/4 inches wide by 18-1/2 inches long by 12-inches deep, [REDACTED]. The Selma Waterworks Distribution personnel prefer this type of meter box with the specified dimensions as it provides ease of access to facilitate repairs and reduces the potential for damage caused by vehicular traffic. This is an availability waiver as we are not aware of any fully cast-iron meter box with the specified dimensions that comply with AIS requirements.

A total of five (5) suppliers were contacted regarding the domestic availability of the specified meter box and response was received from four (4) stating the specified meter box could not be found domestic. The responses from the suppliers are attached to this letter.

The total cost of the meter boxes for the above referenced project is \$63,500 and the overall project cost is \$1,450,600, therefore; the meter boxes make up approximately 4.4% of the total project cost.

If you need further information, please do not hesitate to give me a call.

Sincerely,

Meredith Hogg-Stone, P.E.

**D. Water Service Connections:**

1. Water service connections shall conform to AWWA C800-21 (or latest revision).
2. Dual Check Valve: Service check valves shall be 3/4" or 1" bronze dual check valves as Watts #7.
3. Meter Boxes: Meter boxes for service meters shall be a minimum of 12 3/4-inches wide by 18 1/2-inches long by 12-inches deep cast iron, must meet American Iron & Steel (AIS) requirements.

<b>Corporation Stop</b>		
Size	Part #	Part #
3/4"	F1000-3-G-NL	H-15008N
1"	F1000-4-G-NL	H-15008N

<b>Meter Valve/Curb Stop (Angle Key Ball Valve)</b>		
Size	Part #	Part #
3/4"	AV-41-333W-G-NL	B24274N
1"	AV-41-444W-G-NL	B24274N

<b>Meter Valve/Curb Stop (Regular Ball Valve)</b>		
Size	Part #	Part #
3/4"	B-41-333W-G-NL	B25170N
1"	B-41-444W-G-NL	B24274N

<b>Meter Couplings</b>		
Size	Part #	Part #
3/4" x 5/8"	C38-24-2-5-NL	H10890N
3/4"	C38-23-2-25-NL	H10890N
1"	C38-44-2-25-NL	H10890N

<b>Brass Quarter Bend Coupling (90 Degree Elbow)</b>		
Size	Part #	Part #
3/4"	L21-33-G-NL	G-15526N
1"	L21-44-G-NL	G-15526N

<b>Brass Eight Bend Coupling (45 Degree Elbow)</b>		
Size	Part #	Part #
3/4"	LA21-33-G-NL	G-15528N
1"	LA21-44-G-NL	G-15528N

<b>3/4" x 3/4" x 3/4" Side Outlet Brass Tee</b>		
Size	Part #	Part #
3/4" x 3/4" x 3/4"	T-444-333-G-NL	H-15381N

This waiver request was submitted to the EPA by the state of Alabama and applies only to the project in the subject line. All supporting correspondence and/or documentation from contractors, suppliers or manufacturers included as a part of this waiver request was done so by the recipient to provide an appropriate level of detail and context for the submission. There may be documents with project diagrams, schedules, and supplier correspondence in formats that do not meet the Federal accessibility requirements for publication on the Agency's website. Hence, these exhibits have been omitted from this waiver publication. They are available upon request by emailing [DWSRFWaiver@epa.gov](mailto:DWSRFWaiver@epa.gov).

1" x 1" x 3/4" Side Outlet Brass Tee			
Size		Part #	Part #
1"x 1" x 3/4" side outlet		T444-443-G-NL	H-15381N

Copper Tubing Union (straight)			
Size		Part #	Part #
3/4"		C44-33-G-NL	H-15403N
1"		C44-44-G_NL	H-15403N

All nipples used shall be made of brass.  
Any meter resitter shall be preapproved and consists of NO LEAD

All iron an steel pipe and fittings shall be of a type made by a manufacturer member of the Cast Iron Pipe Research Association, manufactured in the United States in accordance with the American Iron and Steel Act of 2014, and shall be designed for use with the pipe proposed under these Technical Specifications. Joint surfaces shall be suitably protected against corrosion during storage and shipment.

## 0.2 MEASUREMENT AND PAYMENT

### 1. Water Service Pipe:

The length of water service pipe installed shall be measured by the linear foot (LF) along the centerlines of the pipe complete in place. This applies to both Type K copper piping and Pex-B pipe. Tees, wyes, crosses, bends and fittings will not be deducted from the measurement for payment along the center of the line being laid. Pipe shall be paid for by Contract Unit as shown in the Bid Schedule and include furnishing and installing pipe, making necessary pipe connections, pigging, flushing, testing, excavating, backfilling and for all materials, tools, labor, equipment and incidentals necessary to complete the work.

### 2. Water Service Connections (Taps):

Water service connections shall be measured and paid for per each connection as a unit that includes new corporation stops threaded into existing water main by direct tap and all labor, materials, equipment and incidentals necessary to install one service connection. Payment shall also include excavation, saw cutting, backfill, pavement repair for all materials, tools, labor, equipment and incidentals necessary to complete work in accordance with details shown on the Contract Drawings.

### 3. Water Service Assembly:

Items covered under Water Service Assembly will be paid for per EACH individual fitting, valve, meter box, etc. as shown on the Bid Schedule.