

**LETTER OF TRANSMITTAL**

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FROM: Philip Schofield, P.E., Senior Project Manager

DATE: February 23, 2023

PROJ. NO.: G22021

SUBJECT: Addendum No. 2  
Supply of Materials for Project 1A WTP to Kensington, 1B Water Main to McLemore  
Conference Center  
Walker County Water & Sewerage Authority

PAGES: pages follow 6

**PLEASE  
RESPOND**

**TO CONFIRM RECEIPT OF THIS ADDENDUM NO. 2  
PLEASE SIGN AND EMAIL TO CTI  
[vvisco@ctiengr.com](mailto:vvisco@ctiengr.com)**

Company \_\_\_\_\_

Signature \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

## ADDENDUM NO. 2

### WALKER COUNTY WATER & SEWERAGE AUTHORITY SUPPLY OF MATERIALS NECESSARY FOR PROJECT 1A WTP TO KENSINGTON PROJECT 1B WATER MAIN TO MCLEMORE CONFERENCE CENTER PROJECT 4 FLARITY ROAD WATER LINE EXTENSION

The following changes shall be made to the Contract Documents, and Specifications:

#### I. CLARIFICATIONS

- A. This Addendum No. 2 has been issued to answer the questions received through Wednesday, February 22, 2023.
- B. Bid Schedule I for Flarity Road has been split into two schedules to separate the pipe, valves, and fittings from the meters, vaults, air release valves, and service line materials.
- C. Bidders may bid on any number of the four schedules or all schedules. Each schedule's bids will be evaluated individually.
- D. All bidders are subject to the American Iron and Steel Act.
- E. Detail drawings for the following have been provided in this Addendum:
  - 1. Detail drawing for the proposed service line installation (Appendix B)
  - 2. Detail drawing for the proposed air release valve installation (Appendix C)

#### II. CONTRACT DOCUMENTS

- A. **Section 00 42 00, Bid Schedule.** Page 00 42 00-1.1 thru 00 42 00-3.1
  - 1. DELETE Pages 00 42 00-1.1 thru 00 42 00-3.1 and REPLACE with the attached pages 00 42 00-1.2 thru 00 42 -3.2.

#### III. DRAWINGS

- A. **APPENDIX B – Service Line Detail Drawing**, ADD the attached detail drawing
- B. **APPENDIX C – Air Release Valve Detail Drawing**, ADD the attached detail drawing

Date: February 23, 2023

CTI Engineers, Inc.  
/s/ Philip R. Schofield, P.E.  
Senior Project Manager

**BID SCHEDULE FOR UNIT PRICE  
SUPPLY OF MATERIALS FOR THE WALKER COUNTY WATER & SEWERAGE AUTHORITY  
FLARITY ROAD, MCLEMORE, & KENSINGTON  
WALKER COUNTY GEORGIA**

Notes:

1. This bid is for supply of materials only. Bidder(s) may bid on one or all schedules.
2. The Owner may award any combination of Schedules or award each schedule separately to multiple bidders.
3. Materials for Schedule I will be delivered to the owner.
4. Materials for Schedules II and III will be stored until such time that an installation contractor is selected.

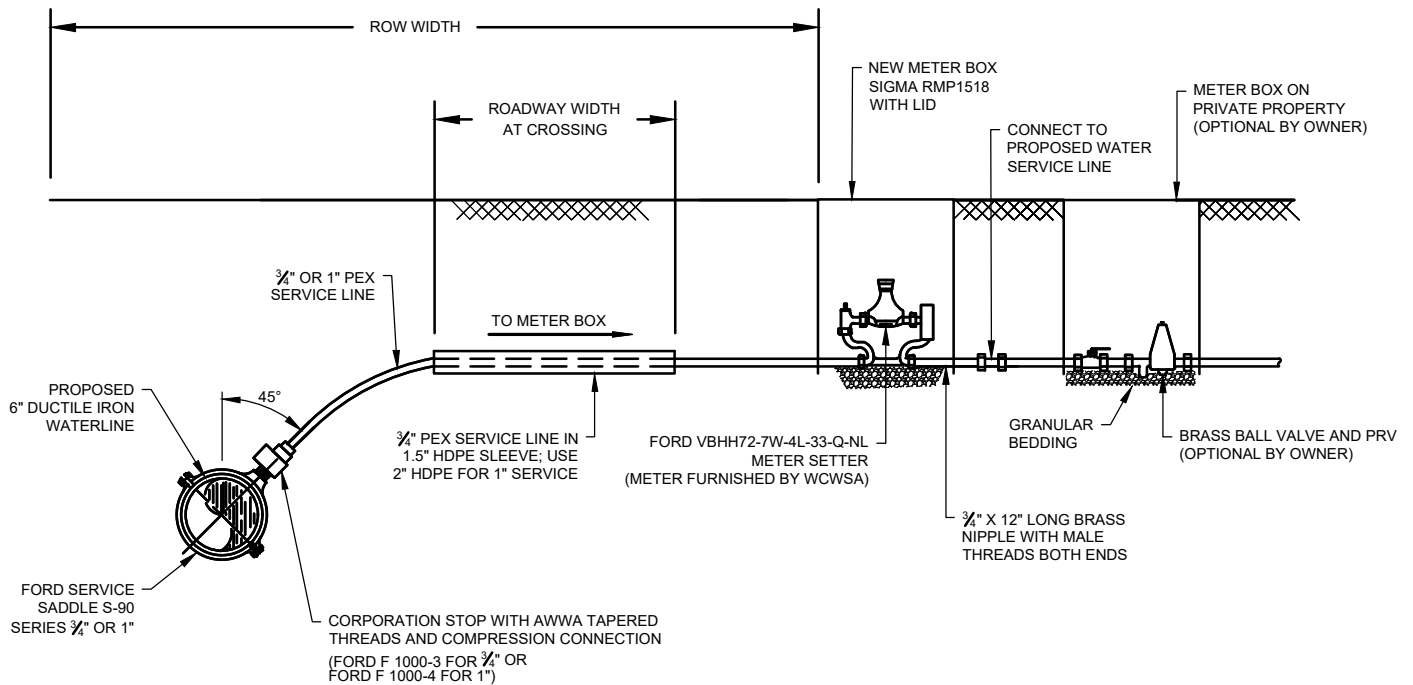
ITEM NO.	DESCRIPTION	UNIT	EST. NO. OF UNITS	UNIT PRICE	TOTAL
<b>SCHEDULE I-A: FLARITY ROAD WATERLINE - Pipe, Valves, and Fittings</b>					
<b>6-Inch Ductile Iron Pipe (DIP) and Fittings. DIP, Push-on, O-ring Gasketed Joint, Pipe (Pressure Class 350)</b>					
1	6-Inch Ductile Iron Pipe (DIP)	LF	23,360		\$
2	6-Inch MJ 90 Degree Bends	EA	2		\$
3	6-Inch MJ 45 Degree Bends	EA	3		\$
4	6-Inch MJ 22 1/2 Degree Bends	EA	10		\$
5	6-Inch MJ 11 1/4 Degree Bends	EA	15		\$
6	6-Inch MJ Sleeve	EA	3		\$
7	6-Inch MJ Cap or Plug	EA	5		\$
8	6-Inch x 6-Inch MJ Tee	EA	4		\$
9	6-Inch x 6-Inch Tapping Tee	EA	4		\$
10	6-Inch Restrained Gasket (Gripper, Field Lock, Fastite, or Equal Gasket)	EA	150		\$
11	Detectable Underground Water Line Warning Tape (1000-FT Rolls)	ROLLS	24		\$
<b>Mechanical Joint (MJ) Restrained Joint Gland Kits (EBBA Megalug, Romac, Sigma, UniFlange, or Equal Wedge Restraint Devices for DIP)</b>					
12	6-Inch MJ Restrained Joint Device Kits	EA	186		\$
<b>Swivel Anchor Couplings</b>					
13	6-Inch Swivel Anchor Coupling	EA	16		\$
<b>Foster Adaptor (Critical Area Alternative)</b>					
14	6-Inch Foster Adaptor	EA	8		\$
<b>6-inch Gate Valve</b>					
15	6-Inch MJ Gate Valve	EA	60		\$
16	Valve Marker	EA	27		\$
17	24-Inch x 24-Inch Concrete Pad or 24-Inch Precast Rings (4-Inch Min. Thickness) For Valve Covers	EA	57		\$
18	2-Piece Adjustable Cast Iron Valve Box with Lid (27" - 37")	EA	57		\$
<b>Casing Pipe for Highway Crossings</b>					
19	12-Inch Steel Casing w/ 0.532-Inch Wall Thickness	LF	80		\$
20	Stainless Steel Casing Spacers	EA	8		\$
21	Casing End Seals	EA	2		\$
<b>Fire Hydrant Assemblies</b>					
22	6" x 6" Swivel Anchor Tee	EA	21		\$
23	24-Inch x 24-Inch Concrete Pad or 24-Inch Precast Rings (4-Inch Min. Thickness) For Valve Covers	EA	21		\$
24	6-Inch Restraint Device Kits	EA	42		\$
Bidder acknowledges and agrees that _____ percent of the materials in Schedule I-A will be delivered no later than _____ days from the issuance of the Notice to Proceed. The remainder of the materials (Final Delivery) in Schedule I-A will be delivered no later than _____ days from the issuance of the Notice to Proceed.					
<b>SCHEDULE I-A FOR PIPE, VALVES, &amp; FITTINGS- TOTAL BID</b>					<b>\$</b>

ITEM NO.	DESCRIPTION	UNIT	EST. NO. OF UNITS	UNIT PRICE	TOTAL
<b>SCHEDULE I-B: FLARITY ROAD WATERLINE - METERS, METER VAULTS &amp; BOXES, AIR RELEASE VALVES, AND SERVICE LINE MATERIALS</b>					
<b>Air Release Assemblies</b>					
25	3/4-Inch ARI S-050 Air Release Valve with Brass Base	EA	2		\$
26	Ford 1-Inch Isolation Ball Valve or Equal	EA	2		\$
27	Ford F1000-4-Q 1-Inch Corporation Stop or Equal	EA	2		\$
28	1-Inch Copper (Type K)	LF	60		\$
29	Ford 6-Inch S-90 Series Brass Service Saddle with 1-Inch CC Thread or Equal	EA	2		\$
30	15-Inch Diameter Air Release Enclosure, 24-Inch tall (Sigma 1524 Meter Box with Cast Iron Lid)	EA	2		\$
<b>Meter Vault (See Drawing D103.00)</b>					
31	Master Meter 4-Inch Octave Ultrasonic Meter	EA	1		\$
32	Watts 4-Inch series 709 Double Check Calve Assembly or Zurn Model 350 ADA Double Check Valve Assembly	EA	1		\$
33	4-Inch Ductile Iron Pipe	LF	20		\$
34	4-Inch Romac Dismantling Joint	EA	1		\$
35	6-Inch x 4-Inch MJ Reducer	EA	2		\$
36	6-Inch MJ Gate Valve	EA	3		\$
37	2-Piece Adjustable Cast Iron Valve Box with Lid (27" - 37") or Equal	EA	3		\$
38	6-Inch Ductile Iron Pipe (DIP)	LF	40		\$
39	6-Inch x 6-Inch MJ Tee	EA	2		\$
40	6-Inch MJ 90 Degree Bends	EA	2		\$
41	Stainless Steel Restrained Pipe Supports Fabricated as Shown on Drawing D103.00	EA	3		\$
42	10' x 6', or 5' x 10' Pre-cast Concrete Meter/Backflow Vault by Tindall, Old Castle, Foley, or Equal, with Aluminum Hatches and Ladder as Shown on Drawing D103.00. (Furnish Cut Sheet from Supplier Selected with Bid)	EA	1		\$
43	6-Inch Restraint Device Kits	EA	10		\$
44	4-Inch Restraint Device Kits	EA	6		\$
45	4-Inch Swivel Anchor Coupling	EA	2		\$
46	6-Inch Foster Adaptor	EA	4		\$
<b>Service Line Materials</b>					
47	Ford 5/8-Inch x 3/4-Inch Meter Water Service Yoke (Model VBHH72-7W-41-33-Q-NL) or Equal	EA	36		\$
48	15-Inch Diameter Air Release Enclosure, 18-Inch tall (Sigma 1518 Meter Box with Cast Iron Lid)	EA	36		\$
49	Ford 6-Inch S-90 Series Brass Service Saddle with 1-Inch CC Thread or Equal	EA	6		\$
50	Ford 6-Inch S-90 Series Brass Service Saddle with 3/4-Inch CC Thread or Equal	EA	36		\$
51	Ford F-1000-4 NL 1-Inch Corporation Stop or Equal	EA	6		\$
52	3/4-Inch x 12" Long Brass Nipple with Male Threads Both Ends	EA	36		\$
53	Ford F-1000-3 NL 3/4-Inch Corporation Stop or Equal	EA	36		\$
54	Ford B44-233W-NI 3/4-Inch Lockable Curb Stop or Equal	EA	36		\$
55	Municipex 1-Inch Water Service Line by REHAU or Equal	LF	200		\$
56	Municipex 3/4-Inch Water Service Line by REHAU or Equal	LF	1,000		\$
57	2-inch HDPE Directional Drill Casing Pipe	LF	100		\$
58	1 1/2-inch HDPE Directional Drill Casing Pipe	LF	400		\$
Bidder acknowledges and agrees that _____ percent of the materials in Schedule I-B will be delivered no later than _____ days from the issuance of the Notice to Proceed. The remainder of the materials (Final Delivery) in Schedule I-B will be delivered no later than _____ days from the issuance of the Notice to Proceed.					
<b>SCHEDULE I-B FOR METERS, METER VAULT, AIRE RELEASE VALVES, &amp; SERVICE LINE MATERIALS- TOTAL BID</b>					<b>\$</b>

ITEM NO.	DESCRIPTION	UNIT	EST. NO. OF UNITS	UNIT PRICE	TOTAL
<b>SCHEDULE II: MCLEMORE WATERLINE</b>					
<b>Off-Site Material Storage</b>					
1	Material Storage	PER MONTH	12		\$
<b>8-Inch Ductile Iron Pipe (DIP) and Fittings</b>					
2	8-Inch Ductile Iron Pipe (DIP), Pressure Class 350 Push-on Joint Pipe	LF	12,650		\$
3	8-Inch MJ Gate Valve	EA	8		\$
<b>12-Inch Ductile Iron Pipe (DIP) and Fittings</b>					
4	12-Inch Ductile Iron Pipe, Pressure Class 350, Push-on Joint Pipe	LF	8,500		\$
5	12-Inch MJ Gate Valve	EA	6		\$
<b>12-Inch Steel Pipe (per Specification 33 11 06)</b>					
6	12-Inch Steel Pipe	LF	2,340		\$
<b>TOTAL SCHEDULE II - BID</b>					<b>\$</b>
<b>SCHEDULE III: KENSINGTON WATERLINE</b>					
<b>Off-Site Material Storage</b>					
1	Material Storage	PER MONTH	12		\$
<b>6-Inch Ductile Iron Pipe (DIP) and Fittings</b>					
2	6-Inch Ductile Iron Pipe, Pressure Class 350, Push-on Joint Pipe	LF	100		\$
3	6-Inch Gate Valve (Main Line & Fire Hydrant Gate Valves)	EA	69		\$
4	6-Inch Swivel Anchor Coupling	EA	63		\$
<b>12-Inch Ductile Iron Pipe (DIP) and Fittings</b>					
5	12-Inch Ductile Iron Pipe, Pressure Class 350, Push-on Joint Pipe	LF	28,850		\$
6	12-Inch Gate Valve	EA	30		\$
7	12-Inch X 6-Inch Anchor Tee	EA	15		\$
<b>16-Inch Ductile Iron Pipe (DIP) and Fittings</b>					
8	16-Inch Ductile Iron Pipe, Pressure Class 250, Push-on Joint Pipe	LF	32,740		\$
9	16-Inch Gate Valve with Side Operating Nut	EA	18		\$
10	16-Inch X 6-Inch Anchor Swivel Tee	EA	41		\$
<b>30-Inch Ductile Iron Pipe (DIP) and Fittings</b>					
11	30-Inch Ductile Iron Pipe (DIP), Pressure Class 250, Push-on Joint Pipe	LF	6,000		\$
12	30-Inch Ductile Iron Pipe (DIP) Factory Restrained Joint (TR Flex, HDSS, Flex Ring, or Equal Type Joint)	LF	3,340		\$
13	30-Inch Gate Valve with Side Operating Nut, Including Stainless Steel Track and Bronze Rollers & Scrapers	EA	5		\$
14	30-Inch X 6-Inch Anchor Tee	EA	7		\$
<b>TOTAL SCHEDULE III - BID</b>					<b>\$</b>
<b>BID SUMMARY</b>					
<b>SCHEDULE I-A FOR PIPE, VALVES, &amp; FITTINGS- BID</b>					<b>\$</b>
<b>SCHEDULE I-B FOR METERS, METER VAULT, AIRE RELEASE VALVES, &amp; SERVICE LINE MATERIALS- BID</b>					<b>\$</b>
<b>SCHEDULE II: MCLEMORE WATERLINE BID</b>					<b>\$</b>
<b>SCHEDULE III: KENSINGTON WATERLINE BID</b>					<b>\$</b>
Bidder: _____ Date: _____					
By: _____ (Signature) Title: _____					
Address: _____					
City: _____ State: _____ Zip Code: _____					
Telephone: _____ E-Mail: _____					

CTI PROJECT: ---, DRAWING: ProjectNotFound.CTI-2017.22x34 (67404v3/2/22/23 1:58PM), LAYOUT: SERVICE CROSSING DETAIL

# PROJECT NO. G22021-01 WALKER COUNTY WATER AND SEWERAGE AUTHORITY



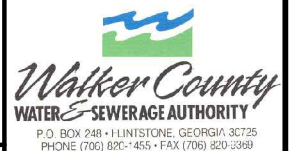
## LONGSIDE SERVICE CROSSING DETAIL

NOT TO SCALE



FLARITY WATERLINE EXTENSION

SERVICE CROSSING DETAIL

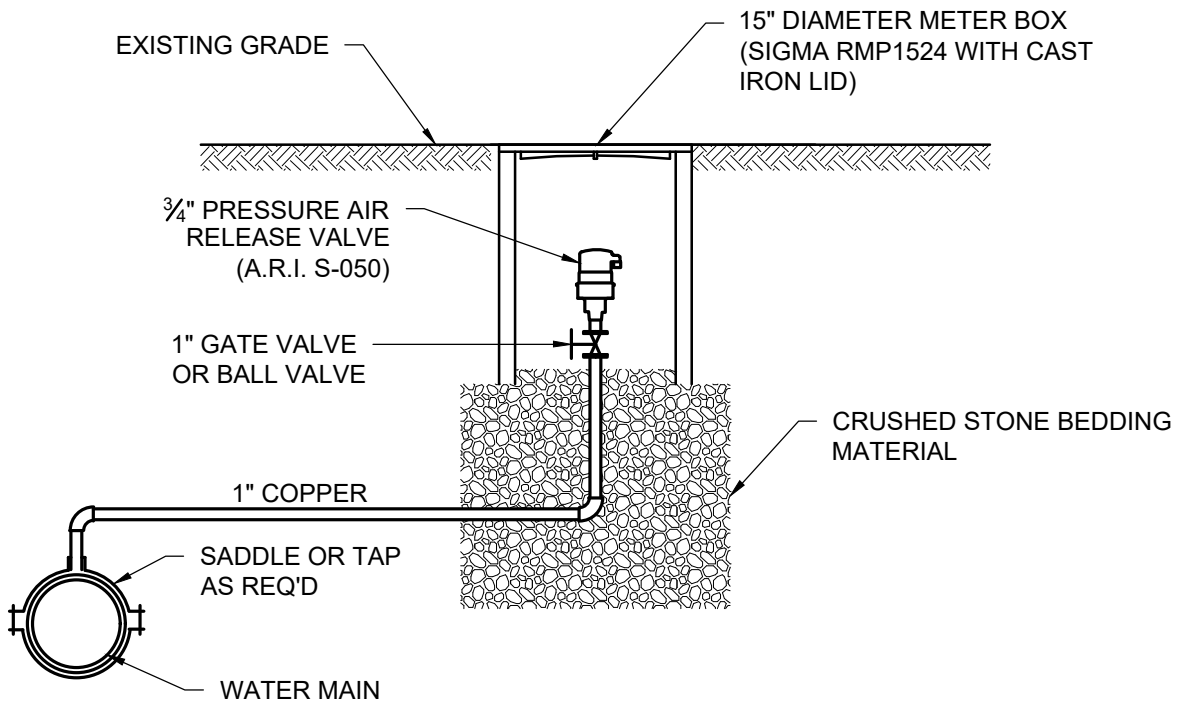


WALKER CO. WATER AND SEWERAGE AUTHORITY

2/22/2023

CTI PROJECT: ----, DRAWING: ProjectNotFound.CTI-2017 22x34 (674404v3/2/22/23 1:58PM), LAYOUT: AIR RELEASE VALVE DETAIL

PROJECT NO. G22021-01  
WALKER COUNTY WATER AND SEWERAGE AUTHORITY



LOCATION TO BE DETERMINED IN FIELD BY THE ENGINEER PAYMENT SHALL INCLUDE SADDLE PIPE, FITTINGS, VALVES, METER BOX, EXCAVATING LABOR ETC, FOR A COMPLETE INSTALLATION

**AIR RELEASE VALVE DETAIL**

NOT TO SCALE



FLARITY WATERLINE EXTENSION

AIR RELEASE VALVE DETAIL



WALKER CO. WATER AND SEWERAGE AUTHORITY

2/22/2023