

LETTER OF TRANSMITTAL

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

DATE: February 14, 2025

PROJ. NO.: G22021

SUBJECT: Addendum No. 1
 Flarity Road Waterline
 Walker County Water & Sewerage Authority

PAGES: pages follow 7

PLEASE RESPOND	<p style="text-align: center; font-weight: bold;">TO CONFIRM RECEIPT OF THIS ADDENDUM NO. 1 PLEASE SIGN AND EMAIL TO CTI vvisco@ctiengr.com</p> <p>Company _____</p> <p>Signature _____</p> <p>Title _____</p> <p>Date _____</p>
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ADDENDUM NO. 1

WALKER COUNTY WATER & SEWERAGE AUTHORITY FLARITY ROAD WATERLINE

I. CONTRACT DOCUMENTS

A. *Section 00 42 00, Bid Schedule.*

1. DELETE Page 00 42 00-1 thru -6 and REPLACE with attached Pages 00 42 00-1.1 thru 00 42 00-1.6.

II. CLARIFICATIONS

- A. The proposed Booster Pump Station that is shown on Drawing C102.03 in Panel 1A plan view will not be installed and is not included in this project. The water line shown on this drawing will be adjusted during construction to be installed straight and somewhat parallel to Flarity Road as needed.
- B. The Owner-Supplied materials will be shipped to the Walker County Water & Sewerage Authority shop at 4655 Happy Valley Road in Flintstone, Georgia 30725. The contractor will be responsible for loading and hauling pipe, fire hydrants, fittings, and miscellaneous accessories from the WCWSA shop to the project site. Materials handling and storage of pipe on the project site are included in the unit price of pipe installation as stated in the bid schedule. A separate bid item for loading and hauling the pipe from WCWSA to the project site has been added to the bid Schedule.

Date: February 14, 2025

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

**BID SCHEDULE FOR UNIT PRICE
FLARITY ROAD WATERLINE
WALKER COUNTY WATER & SEWERAGE AUTHORITY
FLINTSTONE, GEORGIA**

Item No.	ITEM DESCRIPTION	Unit	Total Units	Unit Price	Item Total
SCHEDULE I - PIPE INSTALLATION					
00 66 13	Performance and Payment Bonds (Maximum 2% of Bid)	LS	1	\$	\$
00 72 00	General Conditions , Including Project Management, Shop Drawings Submittals, Site Security & Safety, Sanitary Facilities, Maintenance, and Supervision	LS	1		
01 11 00	Mobilization (Maximum 2.5% of Bid), Including Equipment and Material Handling, Locating and Excavating (Pot-holing) the Existing Utilities, Project Layout and Staking	LS	1		
01 22 00a	Traffic Control Devices for Traffic Control and Road Closure in Accordance with MUTCD and GDOT Requirements, Including Coordination with the Walker County Road Department and the Georgia Department of Transportation.	Month	18		
01 32 38	Pre-Construction Video Taping of Existing Ground Conditions Along the Path of the Proposed Water Line Route	LF	20,500		
01 78 39	Temporary Field Office , Including Weather-Tight Structure or Trailer with Desks, Chairs, Plan/Drawing Table, Garbage Can, Temporary Power, Water, Heat, AC Air, Temporary Sanitary Facilities for Workers and Visitors, Project Sign, and Memo Board for Workers and Public Notifications	Month	18		
03 30 00	Cast-In-Place Concrete				
03 30 00a	3,000 PSI Class B Concrete for Utility Crossings, Thrust Blocks, Pipe Encasement, and Pipe Protection , Including Concrete Material, Labor, and Equipment Needed for Complete in Place as Shown on Drawings or as Directed by Engineer	CY	35		
03 30 00b	4,000 PSI Class A Concrete, 4" Thick for Sidewalks, Slabs, and Driveways , Including Excavation, Stone Bedding, Formwork, and all Materials and Labor	SF	250		
03 30 00c	4,000 PSI Class A Concrete, 6" Thick with Reinforcement Wire for Slabs and Driveways , Including Excavation, Stone Bedding, Formwork, and all Materials and Labor	SF	500		
03 30 00d	Class A (4,000 psi) Concrete for Streets and Heavy-Duty Driveway Aprons, 8" Thick with Reinforcement Wire , Including Excavation, Bedding, Form Work, Concrete Mix, Pour and Finish Rubbing, Complete In Place as Shown in Detail on the Plans and as directed by the Engineer.	SF	300		
03 30 00e	4,000 PSI Class A Concrete for Concrete Header Curb or Curb and Gutter Repair , Including Excavation, Bedding, Form Work, Concrete Mix, Pour and Finish Rubbing, Complete In Place as Shown in Detail on the Plans and as directed by the Engineer.	LF	100		

Item No.	ITEM DESCRIPTION	Unit	Total Units	Unit Price	Item Total
03 30 00f	Flowable Fill , Including Concrete Mix and Placement as Directed by Engineer or Shown on Plans	CY	40		
03 30 00g	Class A (4,000 psi) Extruded Concrete Curb , Including Excavation, Bedding, Form Work, Concrete Mix, Pour and Finish Rubbing, Complete In Place as Shown in Detail on the Plans and as directed by the Engineer.	LF	100		
03 30 00h	Pre-Cast Concrete Thrust Blocks , including Labor, Materials, and Equipment to Set Concrete Thrust Block 2' x 4' x 2' Where Shown on Plans or As Directed by Engineer.	EA	8		
31 00 00	Earthwork				
31 11 00a	Clearing and Grubbing				
31 11 00a-1	Clearing and Grubbing in Wooded Areas or Along the Road Right-of-way for Installation of 6-Inch DIP , Including Stripping Topsoil and Stockpiling, Hedge, Brush, Tree and Stump Removal, Mulching, and Disposal	LS	1		
31 11 00b	Tree Removal for Areas Along Roads not in Wooded Areas				
31 11 00 b-1	Standard Tree Removal 18-inch minimum up to 32-inch Diameter , Including Stump Removal or Grinding, and Disposal	EA	2		
31 11 00 b-2	Large Tree Removal over 32-inch Diameter , Including Stump Removal or Grinding, and Disposal	EA	2		
31 11 00 b-3	Decorative / Fruit Tree Replacement 2.5-inch caliper , Including Existing Tree Removal, Excavation, New Tree Planting, and Mulching, Complete in Place	EA	3		
31 11 00 b-4	Landscape Repair Allowance	LS	1	\$ 5,000.00	\$ 5,000.00
31 20 00b	Crushed Stone Backfill in Trench for Sewer Lines in Streets, Parking Lots, and Driveways from Top of Bedding to Finished Grade				
31 20 00b-1	Crushed Rock Backfill Material, For 6-Inch Water Lines Installed in Streets, Driveways, or Parking Lots , Including Materials, Placement, Compaction, and Maintenance	LF	850		
31 20 00b-2	Crushed Stone Bedding in Excess of that Required for Standard Bedding and Haunching	CY	100		
31 20 00b-3	Compacted Crushed Base Stone (Pug Mix) for Gravel Driveway Repair and Fine Grading for Transitions to Existing Driveways.	TONS	200		
31 20 00c	Trench Rock Excavation by Drill & Blast, Rock Trenching, or Hoe-Ramming Methods				
31 20 00c-1	Trench Rock Excavation for 6-Inch DIP at 0 to 5.0 Feet Deep , Including all Materials, Labor, and Equipment Necessary to Drill, Blast, Hoe-Ram, Excavate Trench Rock, and Dispose of Excess Spoil Rock Debris	LF	15,000		
31 20 00c-2	Trench Test Drilling (in Dirt @ 5' to 8' intervals) without Blasting , 0' to 6' Deep	LF	7,500		
31 20 00c-3	Pre- Blast Survey for Houses and Structures	LS	1		
31 20 00d	Final Grading and Cleanup (Not Including Grassing and Mulch)				
31 20 00d-1	Final Grading and Cleanup . Areas Outside Sidewalks, Driveways, Parking Lots, and Roads (Not Including Grassing and Mulch)	LF	20,500		
31 20 00d-2	Topsoil , Sifted Friable Loam Material Free of Stiff Clay, Hard Clods, Rocks, and Other Debris such as Cement, Asphalt, and Wood with a pH range From 5.5 to 7.0, or Approved by Engineer.	CY	250		

Item No.	ITEM DESCRIPTION	Unit	Total Units	Unit Price	Item Total
31 20 00d-3	Mailbox Removal, Re-setting, or Replacement, Including New Mailbox if Necessary, Complete-in-Place	EA	6		
31 25 00	Slope Protection and Erosion Control				
31 25 00a	Temporary Silt Fence (Sd1-NS); Type "Non-Sensitive" Silt Fence, Including Trenching, Installation, Posts, Filter Fabric, and Bracing. Includes Maintenance and Removal	LF	3,900		
31 25 00b	Temporary Silt Fence (Sd1-S); Type "Sensitive" Silt Fence, Including Trenching, Installation, Posts, Filter Fabric, Woven Wire Fence Backing, Tie Wire, and Bracing. Includes Maintenance and Removal		1,500		
31 25 00c	Rip Rap Check Dams (Cd-S), Including Installation, Maintenance, and Removal as Needed or Directed by Engineer	Each	20		
31 25 00d	Baled Straw Checks and Barriers, Including Hay Bales, Stakes, Chinking, Maintenance, and Removal	Bales	40		
31 25 00e	Riprap Stone (Rp), Complete-in-place where shown on plans for Outlet Protection, Slope Protection, Check Dams, and as Directed by the Engineer, Including Excavation and Filter Fabric Installation	Tons	150		
31 25 00f	Construction Exit (Co), Including but not Limited to, Excavation, Geotextile Fabric, and Clean Washed Stone (2" to 4" in Size), Where Required or as Directed by Engineer as Shown on Drawing ES601.00.	EA	2		
31 25 00g	Concrete Washout Structure, Including Installation, Maintenance, and Removal.	EA	2		
31 25 00h	Straw Matting for Slope or Ditch Stabilization, Including Staples	SY	5,000		
31 25 00i	Straw Wattles / Tubes, Including Overlap and Staking	LF	1,000		
31 25 00j	Dewatering Structure, Including Stone, Fabric, Filter Bag	EA	2		
31 25 00k	No. 3 Surge Stone, Complete in Place Where Shown of Plans and as Directed by Engineer, Including Filter Fabric	Tons	100		
31 25 00l	Erosion and Sediment Control Monitoring, Sampling, and Inspections				
31 25 00l-1	Water Quality Monitoring and Sampling, Including Installation and Maintenance of Site Job Box with Rain Gauge, NOI and NOT Document Preparation, and Document Binder	MONTH	18		
31 25 00l-2	Water Quality Inspections, Including Weekly Inspections, Post Rain Event Inspections, Monthly Inspections, and Reports on EGS Standard Forms	MONTH	18		
32 10 00	New and Replacement Paving				
32 10 00a	Asphalt Pavement Replacement for Driveways and Parking Lots, Trench Width Repair and Driveway Apron Replacement with 12.5 mm GDOT mix, 3" Thick, Including Saw-cutting and Base Stone Compaction, Complete in Place	Tons	60		
32 10 00b	Heavy Duty Asphalt Pavement Replacement for Roads, Trench Width Repair with 2.5" of 19 mm Binder Mix and 1.5" of 9.5 mm GDOT mix, Including Saw-cutting and Base Stone Compaction, Complete in Place	Tons	60		

Item No.	ITEM DESCRIPTION	Unit	Total Units	Unit Price	Item Total
32 31 13	Fencing Repair and Replacement, including Removal of Existing Fence, Fence Materials, Re-Installation				
32 31 13a	Temporary Construction Fence	LF	500		
32 31 13b	Barbed Wire Fence Repair or Replacement	LF	500		
32 31 13c	Chain-link Fence Repair	LF	200		
32 31 13d	Wooden Fence Removal, Repair, or Replacement	LF	100		
32 31 13e	Page Wire Fence Repair, Replacement, and Re-Installation	LF	500		
32 92 19	Seeding & Mulching including Topsoil, Seed, Fertilizer, Lime, Straw Mulch, & Water				
32 92 19a	Temporary Mulching (Ds1) , As Shown on Drawing ES602.01	LF	10,000		
32 92 19b	Temporary Seeding and Mulching (Ds2) , As Shown on Drawing ES602.01	LF	10,000		
32 92 19c	Permanent Seeding and Mulch , Including Topsoil Placement, Seed, Fertilizer, Limestone, Mulch, and Water Using Table Shown on Drawing ES602.01.	LF	20,500		
32 92 19d	Grass Sod for Yard Stabilization , Including Staples or Anchorage for Fescue or Bermuda Sod, Where Shown, Required, or as Directed by Engineer	Pallet	4		
33 05 23	Utility Crossings of Railroad, Highways, Roads, or Driveways (Owner-Supplied Materials)				
33 05 23a	Jack and Bore for 6-inch Ductile Iron Pipe Water Line Under Flarity Road (Approximate Station 176+00, 40 LF) , Complete Installation by Bore and Jack Method, Including Installation of 12" Steel Casing, Stainless-Steel Casing Spacers, and Casing End Seals Furnished by WCWSA , Excavation of Bore and Receiving Pits, Shoring, Concrete, Backfill, Grading, Compaction, Site Restoration of Disturbed Area, Topsoil Placement, Seeding, and Straw Mulch	LF	40		
33 05 23b	Jack and Bore for 6-inch Ductile Iron Pipe Water Line Under SR 157 (Approximate Station 191+00, 40 LF) , Complete Installation by Bore and Jack Method, Including Installation of 12" Steel Casing, Stainless-Steel Casing Spacers, and Casing End Seals Furnished by WCWSA , Excavation of Bore and Receiving Pits, Shoring, Concrete, Backfill, Grading, Compaction, Site Restoration of Disturbed Area, Topsoil Placement, Seeding, and Straw Mulch	LF	40		
33 11 00	High Density Polyethylene (HDPE) Sleeve (Poly-Wrap) - Including Contractor-Supplied Materials				
33 11 00a-1	HDPE Poly Wrap for 6-Inch Ductile Iron Pipe	LF	500		
33 12 13a	3/4-Inch Water Services - Pipe and Fitting Materials Furnished by WCWSA				
33 12 13a-1	Labor and Equipment to Install 6-inch x 3/4-inch Double-Strap Tapping Saddle Installed , Including Excavation, Tap, Corporation Stop, and 3/4-inch Compression Type In-Line Valve, Complete in Place	EA	38		
33 12 13a-2	Install 3/4-inch, Muncipex Tubing by Open Cut Typically on Short Side (Pex to be Furnished by WCWSA)	LF	1,000		
33 12 13a-3	3/4-inch, Muncipex Tubing by Direction Drilling or Open Cut Method Typically on Long Side in 1 1/2-Inch HDPE Casing Pipe (Pex and Casing furnished by WCWSA)	LF	1,000		

Item No.	ITEM DESCRIPTION	Unit	Total Units	Unit Price	Item Total
33 12 13a-4	3/4-inch Water Service Line Connection with New Meter and Meter Box , Including Excavation, New Meter Setter, New Meter, Connection to existing water line with miscellaneous fittings or couplings, New Meter Box, Backfill, Grading, Seeding and Straw Mulch (Meter Setter, Meter, Fittings, and Meter Box Furnished by WCWSA)	EA	36		
33 12 13b	1-Inch Water Service - Pipe and Fitting Materials Furnished by WCWSA				
33 12 13b-1	Labor and Equipment to Install 6-inch x 1-inch Double Strap Tapping Saddle Installed , Including Excavation, Tap, Corporation Stop, and 1-inch Compression Type In-Line Valve, Complete in Place	EA	6		
33 12 13b-2	Install 1-inch, Muncipex Tubing by Open Cut Typically on Short Side (Pex to be Furnished by WCWSA)	LF	200		
33 12 13b-3	1-inch, Muncipex Tubing by Direction Drilling or Open Cut Method Typically on Long Side in 2-Inch HDPE Casing Pipe (Pex and Casing furnished by WCWSA)	LF	200		
33 12 13b-4	1-inch Water Service Line Connection with New Meter and Meter Box , Including Excavation, New Meter Setter, New Meter, Connection to existing water line with miscellaneous fittings or couplings, New Meter Box, Backfill, Grading, Seeding and Straw Mulch (Meter Setter, Meter, Fittings, and Meter Box Furnished by WCWSA)	EA	6		
33 12 19	Hydrant Installation with Owner-Supplied Materials for Hydrant Assembly				
33 12 19a	Fire Hydrants Installed Complete , with all Materials Including Anchor Coupling, Valve, Thrust Restraint, Piping Furnished by Owner (Stone Bedding Shall be Furnished by Contractor in Separate Pay Item)	EA	22		
40 05 13.53	Owner-Supplied Ductile Iron Pipe, Fittings, And Connections				
40 05 13.53a	Owner-Supplied Ductile Iron Pipe (DIP), Gasket Joint, Installed in Trench				
40 05 13.53a-1	6-Inch Ductile Iron Pipe Installed in Trench , Including Labor, Equipment, On-Site Storage, and Handling of Owner-Supplied Material (Ductile Iron Pipe and Gaskets Furnished by WCWSA)	LF	20,500		
40 05 13.53a-2	6-Inch Ductile Iron Pipe Site Delivery of Owner-Supplied Pipe from WCWSA Shop to Project Site , Including Labor and Equipment Necessary to Load and Haul Pipe from 4655 Happy Valley Road, Flintstone, GA to the Project Site. Storage, and Handling of Owner-Supplied Material on Site to be Paid in Pipe Installation Items.	LF	20,500		
40 05 13.53b	Owner-Supplied Ductile Iron Pipe (DIP), Gasket Joint, Installed in Casing				
40 05 13.53b-1	6-Inch Ductile Iron Pipe Installed in Casing , Including Labor, Equipment, Material Storage & Handling of Owner-Supplied Material (Ductile Iron Pipe and Gaskets Furnished by WCWSA)	LF	80		
40 05 13.53c	Owner-Supplied Supplied Ductile Iron Pipe (DIP) Fittings, Including Labor & Equipment to Install, Loading & Hauling to Site, and Storage & Handling on-site of Owner-Supplied Materials				
40 05 13.53c	6-Inch Mechanical Joint Bends, Tees, and Fittings (Furnished by WCWSA)				
40 05 13.53c-1	6-Inch MJ - 11 1/4 Degree Bend	EA	12		
40 05 13.53c-2	6-Inch MJ - 22 1/2 Degree Bend	EA	10		
40 05 13.53c-3	6-Inch MJ - 45 Degree bend	EA	6		
40 05 13.53c-4	6-Inch MJ - 90 Degree bend	EA	4		
40 05 13.53c-5	6-Inch x 6-Inch MJ Anchor Tee for Valve	EA	1		

Item No.	ITEM DESCRIPTION	Unit	Total Units	Unit Price	Item Total
40 05 13.53c-6	6-Inch x 6-Inch MJ Tee	EA	4		
40 05 13.53c-7	6-Inch MJ Restrained Joint Devices	EA	112		
40 05 13.53c-8	6-Inch Foster Adaptors	EA	6		
40 05 13.53c-9	6-Inch MJ Sleeve	EA	3		
40 05 13.53c-10	6-Inch MJ Reducer Cap or Plug	EA	4		
40 05 13.53c-11	6-Inch Anchor / Swivel Coupling	EA	30		
40 05 13.53c-12	6-Inch Bell or Pipe Restrained Joint Devices	EA	150		
40 05 13.53d	Connections to Existing Water Lines				
40 05 13.53d-1	Connect New 6" Water Line to Existing 6" Water Line on Flarity Road with 6-Inch Tapping Sleeve and Valve (Furnished by WCWSA), Including Excavation, Shoring, Traffic Control, Backfill, Grading, Clean-up, Seeding, and Straw Mulch	EA	1		
40 05 13.53f	Contractor Furnished Miscellaneous Ductile Iron Pipe (DIP) Mechanical Joint Fittings Not Itemized				
40 05 13.53f-1	Misc. 6-Inch DIP Fittings not Specified	LBS	500		
40 05 23	Owner-Supplied Valves				
40 05 23a Owner	Owner-Supplied Gate Valves, Including Labor & Equipment to Install, Loading & Hauling to Site, Storage & Handling on-site of Owner-Supplied Materials (Valves Furnished by WCWSA)				
40 05 23a-1	6-Inch Gate Valve, Including Labor and Equipment to Install Valve, Materials for Valve Box, Cover, Restrained Joint Couplings, Concrete Support Block, Thrust Block, & Valve Box Extensions (Valve, Valve Cover, Concrete Ring, and Valve Marker to be Furnished by WCWSA)	EA	40		
40 05 23b	Owner-Supplied Air Release Valves				
40 05 23b-1	3/4-inch Air Release Valve, including Valve Box, Tapped Saddle, Isolation Valve, Valve Cover, & Accessories (Air Release Valve and Associated Fittings and Enclosure to be Furnished by WSWA)	EA	2		
40 05 23c	Owner-Supplied Master Meter and Check Valves				
40 05 23c-1	4-Inch Master Meter with Double Check Valve Installation (As Shown on Drawing D-103), Including all Pipe Fittings, Pipe Supports, Pipe Restraint Devices, and Pre-Cast Concrete Structure (Meter, Check Valve, Associated Pipe and Fittings, Valves, Pipe Supports, and Concrete Structure to be Furnished by WCWSA)	LS	1		
TOTAL SCHEDULE I - FLARITY ROAD PIPE INSTALLATION				\$	
Notes:					
1. Bidders shall submit a bid on a unit price basis.					
2. Contract will be awarded (if it is awarded) to the responsible and responsive bidder submitting the lowest bid.					
BIDDER			DATE		
BY		(Signature) TITLE			
ADDRESS					
CITY		STATE		ZIP CODE	
PHONE		FAX		E-MAIL	