

ADDENDUM NO. 1

To: All Plan Holders of Record and Interested Parties
City of Galena
Project: Lead Service Line Replacement
Origin Design No.: 21194
Issue Date: April 14, 2023
Bids Due: May 2, 2023 10:00 a.m.

The following additions, revisions, corrections, and clarifications contained herein shall become part of the Construction Contract Documents for the Project, and shall be included in the Scope of Work and Bid Proposals to be submitted. References made below to Specifications and Construction Drawings shall be used as a general guide only. Bidders shall determine for themselves the full scope of work affected by the Addendum items.

The following Addendum is part of the Construction Contract Documents.

This Addendum consists of the following:

Addendum No. 1 (5 pages)
Revised Bid Schedule (2 pages)

CLARIFICATIONS:

Reminder from the Pre-Bid Conference Notes that the funding program requires that Bidders must undertake affirmative efforts to utilize Minority and Women's Business Enterprises and Advertisements must be published a minimum of 16 days prior to the bid opening date with proof of publication provided in the Bid. Please refer to Bid Documents (Front Ends) for specific requirements and alternative publication options for use in an online bidder clearinghouse. For questions, please contact Community Funding & Planning Services, Jill Pepin, jill@cfps-inc.com, (515) 249-3214.

CHANGES TO BIDDING DOCUMENTS:

BID SCHEDULE: The Bid Schedule has been revised to reflect the following:

- Item 7 - Change name from 'COPPER SERVICE (TRENCHED)' to 'SERVICE PIPE (TRENCHED)'
- Item 7A - Add item with name 'TRACING WIRE SYSTEM FOR PLASTIC SERVICE PIPE'
- Item 15A - Add item with name 'PCC PAVEMENT'
- Item 24 - Change name from 'COPPER SERVICE (BORED)' to 'SERVICE PIPE (BORED)'
- Item 24A - Add item with name 'TRACING WIRE SYSTEM FOR PLASTIC SERVICE PIPE'
- Item 31A - Add item with name 'PCC PAVEMENT'
- Item 41- Change name from 'WATER SERVICE CASING, 2" DIAMETER' to 'WATER SERVICE CASING'
- Item 50 - Add item with name 'INTERIOR PLUMBING MODIFICATIONS, GREATER THAN 5-FT'
- Item 51 - Add item with name 'MINOR ROCK REMOVAL AT EXISTING MAINS'
- Item 52 - Add item with name 'ELECTRICAL GROUNDING'

Bidders are required to submit the attached Revised Bid Schedule.

CHANGES TO TECHNICAL SPECIFICATIONS:

None

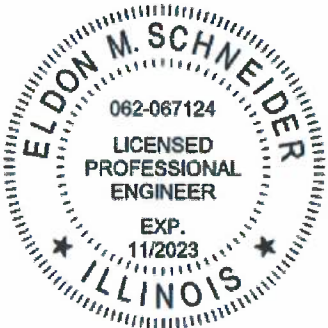
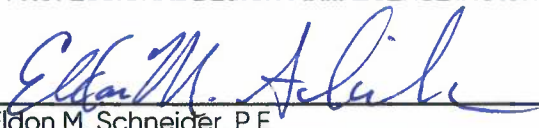
CHANGES TO DRAWINGS:

1. G0.03
 - Bid Item Description Table – Item 4
 - Change notes to reference Standard Specifications for Water and Sewer Construction in Illinois from 'SECTION 20-2.02' to 'SECTION 21-2.02'
 - Bid Item Description Table – Item 7
 - Change name from 'COPPER SERVICE (TRENCHED)' to 'SERVICE PIPE (TRENCHED)'
 - Change PE pipe spec from 'COMPLYING WITH ASTM D3035 AND AWWA C901; IPS; DR9.' to 'COMPLYING WITH ASTM D2737 AND AWWA C901; CTS, SDR9. SUPPLY STAINLESS STEEL INSERTS AT ALL COMPRESSION CONNECTIONS.'
 - Change service pipe minimum size from '3/4-IN' to '1-IN'
 - Add to Notes: WHERE PLASTIC SERVICE PIPE IS USED, CONTRACTOR SHALL SUPPLY TRACING WIRE SYSTEM AS COVERED IN BID ITEM NO. 7A.
 - Bid Item Description Table – Item 7A
 - Add bid item 7A as follows:
 - ITEM NO.: 7A
 - DESCRIPTION: TRACING WIRE SYSTEM FOR PLASTIC SERVICE PIPE
 - NOTES: THE USE OF PLASTIC SERVICE PIPE WILL REQUIRE THE INSTALLATION OF A TRACING WIRE SYSTEM. TRACER WIRE SHALL BE SOLID COPPER WIRE (12 GAUGE MINIMUM) WITH POLYETHYLENE INSULATION (30 MIL MINIMUM). TRACER WIRE SHALL BE INSTALLED ON THE TOP OF SERVICE PIPE FOR INDICATION OF LOCATION. WIRE SHALL EXTEND FROM THE EXTERIOR OF THE SERVICED BUILDING TO THE MAIN AND THEN DOUBLE BACK FROM THE MAIN TO THE CURB BOX. SPLICES SHALL NOT BE ALLOWED EXCEPT WITH USE OF OWNER-APPROVED WATERPROOF CONNECTIONS. TRACER WIRE ACCESS BOXES SHALL BE VALVECO TWAB, OR APPROVED EQUAL, INSTALLED ADJACENT TO THE BUILDING PENETRATION. ACCESS BOXES SHALL HAVE A 2-IN PVC EXTENSION RISER FROM THE TOP OF THE PIPE TO THE ACCESS BOX. THE OPPOSITE END OF THE INSTALLED TRACER WIRE SHALL BE TERMINATED AT THE CURB BOX. THIS ITEM WILL BE PAID BASED ON THE BASIS OF THE MEASUREMENT FOR THE ASSOCIATED SERVICE PIPE LINE ITEM.
 - Bid Item Description Table – Item 9
 - Add to Notes: WHERE PLASTIC SERVICE PIPE IS USED, CONTRACTOR SHALL SUPPLY CURB BOX LID WITH TRACER WIRE TERMINALS.
 - Bid Item Description Table – Item 10
 - Add to Notes: ELECTRICAL GROUNDING CONNECTION TO METALLIC PIPE SHALL BE REINSTALLED TO NEW SERVICE PIPE, PROVIDED COPPER SERVICE PIPE MATERIAL IS USED. IF NON-METALLIC SERVICE PIPE IS USED, REFER TO BID ITEM NO. 52.
 - Bid Item Description Table – Item 15A
 - Add bid item 15A as follows:
 - ITEM NO.: 15A
 - DESCRIPTION: PCC PAVEMENT
 - NOTES: THIS BID ITEM SHALL BE USED FOR PCC PAVEMENT REPLACEMENT AND SHALL CONFORM TO SECTION 21-2.03 OF THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS AND SECTION 442 OF THE ILLINOIS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, CLASS A PAVEMENT PATCH. WORK SHALL INCLUDE, BUT NOT BE LIMITED TO: RESTORING THE SUBGRADE, FURNISHING AND PLACING THE SUBBASE, SUBBASE PREPARATION, FORMWORK, JOINTING, BARS AND REINFORCEMENT, PAVEMENT REPLACEMENT, AND SURFACE CURING. DOWEL BARS AND REINFORCEMENT SHALL BE EPOXY COATED.
 - Bid Item Description Table – Item 16
 - Add to Notes: SIDEWALK THICKNESS SHALL BE MINIMUM 5-IN.
 - Bid Item Description Table – Item 21
 - Change notes to reference Standard Specifications for Water and Sewer Construction in Illinois from 'SECTION 20-2.02' to 'SECTION 21-2.02'

- Bid Item Description Table – Item 24
 - Change name from 'COPPER SERVICE (BORED)' to 'SERVICE PIPE (BORED)'
 - Change PE pipe spec from 'COMPLYING WITH ASTM D3035 AND AWWA C901; IPS; DR9.' to 'COMPLYING WITH ASTM D2737 AND AWWA C901; CTS, SDR9. SUPPLY STAINLESS STEEL INSERTS AT ALL COMPRESSION CONNECTIONS.'
 - Change service pipe minimum size from '3/4-IN' to '1-IN'
 - Add to Notes: WHERE PLASTIC SERVICE PIPE IS USED, CONTRACTOR SHALL SUPPLY TRACING WIRE SYSTEM AS COVERED IN BID ITEM NO. 24A.
 - Bid Item Description Table – Item 24A
 - Add bid item 24A as follows:
 - ITEM NO.: 24A
 - DESCRIPTION: TRACING WIRE SYSTEM FOR PLASTIC SERVICE PIPE
 - NOTES: THE USE OF PLASTIC SERVICE PIPE WILL REQUIRE THE INSTALLATION OF A TRACING WIRE SYSTEM. TRACER WIRE SHALL BE SOLID COPPER WIRE (12 GAUGE MINIMUM) WITH POLYETHYLENE INSULATION (30 MIL MINIMUM). TRACER WIRE SHALL BE INSTALLED ON THE TOP OF SERVICE PIPE FOR INDICATION OF LOCATION. WIRE SHALL EXTEND FROM THE EXTERIOR OF THE SERVICED BUILDING TO THE CURB BOX. SPLICES SHALL NOT BE ALLOWED EXCEPT WITH USE OF OWNER-APPROVED WATERPROOF CONNECTIONS. TRACER WIRE ACCESS BOXES SHALL BE VALVECO TWAB, OR APPROVED EQUAL, INSTALLED ADJACENT TO THE BUILDING PENETRATION. ACCESS BOXES SHALL HAVE A 2-IN PVC EXTENSION RISER FROM THE TOP OF THE PIPE TO THE ACCESS BOX. THE OPPOSITE END OF THE INSTALLED TRACER WIRE SHALL BE TERMINATED AT THE CURB BOX. THIS ITEM WILL BE PAID BASED ON THE BASIS OF THE MEASUREMENT FOR THE ASSOCIATED SERVICE PIPE LINE ITEM.
 - Bid Item Description Table – Item 26
 - Add to Notes: WHERE PLASTIC SERVICE PIPE IS USED, CONTRACTOR SHALL SUPPLY CURB BOX LID WITH TRACER WIRE TERMINALS.
 - Bid Item Description Table – Item 27
 - Add to Notes: ELECTRICAL GROUNDING CONNECTION TO METALLIC PIPE SHALL BE REINSTALLED TO NEW SERVICE PIPE, PROVIDED COPPER SERVICE PIPE MATERIAL IS USED. IF NON-METALLIC SERVICE PIPE IS USED, REFER TO BID ITEM NO. 52.
 - Bid Item Description Table – Item 31A
 - Add bid item 31A as follows:
 - ITEM NO.: 31A
 - DESCRIPTION: PCC PAVEMENT
 - NOTES: THIS BID ITEM SHALL BE USED FOR PCC PAVEMENT REPLACEMENT AND SHALL CONFORM TO SECTION 21-2.03 OF THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS AND SECTION 442 OF THE ILLINOIS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, CLASS A PAVEMENT PATCH. WORK SHALL INCLUDE, BUT NOT BE LIMITED TO: RESTORING THE SUBGRADE, FURNISHING AND PLACING THE SUBBASE, SUBBASE PREPARATION, FORMWORK, JOINTING, BARS AND REINFORCEMENT, PAVEMENT REPLACEMENT, AND SURFACE CURING. DOWEL BARS AND REINFORCEMENT SHALL BE EPOXY COATED.
 - Bid Item Description Table – Item 32
 - Add to Notes: "SIDEWALK THICKNESS SHALL BE MINIMUM 5-IN.
2. G0.04
- Bid Item Description Table – Item 35
 - Change minimum thickness of concrete from '4-IN' to '7-IN'
 - Bid Item Description Table – Item 43
 - Change current final sentence to read: ADDITIONAL INTERIOR SERVICE LINE PIPING TO REACH THE PRE-EXISTING METER LOCATION SHALL BE PAID UNDER THE BID ITEM FOR 'SERVICE PIPE (TRENCHED)' OR 'SERVICE PIPE (BORED)', AS APPLICABLE TO LOCATION.
 - Add sentence to end of notes: INTERNAL PIPING MODIFICATIONS REQUIRING MORE THAN 5-FT OF PIPE SHALL BE PAID UNDER THE BID ITEM FOR 'INTERIOR PLUMBING MODIFICATIONS, GREATER THAN 5-FT'.

- Bid Item Description Table – Item 50
 - Add bid item 50 as follows:
 - ITEM NO.: 50
 - DESCRIPTION: INTERIOR PLUMBING MODIFICATIONS, GREATER THAN 5-FT
 - NOTES: THIS BID ITEM SHALL BE USED FOR INTERIOR PLUMBING MODIFICATIONS RESULTING FROM RELOCATION OF WATER METER OR SERVICE PIPE ENTRANCE INTO BUILDING THAT ARE GREATER THAN 5-FT. ALL PLUMBING MODIFICATIONS SHALL BE PERFORMED BY A LICENSED PLUMBER AND CONDUCTED TO CITY OF GALENA'S ADOPTED BUILDING CODES.
 - Bid Item Description Table – Item 51
 - Add bid item 51 as follows:
 - ITEM NO.: 51
 - DESCRIPTION: MINOR ROCK REMOVAL AT EXISTING MAINS
 - NOTES: THIS BID ITEM SHALL COVER MINOR ROCK EXCAVATION AND BACKFILL AT WATER MAINS WHERE INSTALLATION OF CORPORATION STOP CAP SADDLE (COVERED UNDER BID ITEM NO. 11 OR 19) OR INSTALLATION OF CORPORATION STOP SERVICE SADDLE (COVERED UNDER BID ITEM NO. 8 OR 25) IS INHIBITED BY PREVIOUSLY UNDISTURBED ROCK. ALL WORK ASSOCIATED WITH THIS BID ITEM WILL BE PAID BASED ON THE ROCK REMOVAL LOCATION FOR THE APPLICABLE SADDLE. THIS ITEM WILL INCLUDE ALL LABOR AND MATERIALS TO REMOVE AND DISPOSE OF ROCK IN THE TRENCH SUFFICIENT TO INSTALL THE SADDLE. THIS ITEM WILL ALSO INCLUDE THE LABOR AND MATERIALS TO REPLACE THE REMOVED ROCK WITH GRANULAR BACKFILL MATERIAL.
 - Bid Item Description Table – Item 52
 - Add bid item 52 as follows:
 - ITEM NO.: 52
 - DESCRIPTION: ELECTRICAL GROUNDING
 - NOTES: THIS BID ITEM SHALL COVER GROUNDING OF BUILDING ELECTRICAL SYSTEM WHEN USING PLASTIC SERVICE PIPE AND EXISTING GROUNDING CONNECTION OF BUILDING WAS MADE TO EXISTING WATER PIPE. CONTRACTOR SHALL FURNISH REPLACEMENT INDEPENDENT GROUNDING SYSTEM FOR BUILDING, INSTALLED AND TESTED IN CONFORMANCE WITH CITY OF GALENA'S ADOPTED BUILDING CODES.
3. C1.01
- Site List Table – Tag No. 70
 - Change to read: "EAST / 70 / 06-500-279-00 / ILLINOIS, STATE OF / 507 BOUTHILLIER / NOTE 2; DRINKING FOUNTAIN NEAR LOWER PARKING LOT
4. C1.12A
- Relocate Tag No. 70 approximately 110' west and 20' south to location of existing water fountain.
 - Add leader with note reading "NOTE 3" pointing to Tag Nos. 102 and 103 located near the right-center of drawing.
 - Add Note 3 to read: "TAG NOS. 102 AND 103 ARE CURRENTLY FED FROM A SINGLE SERVICE LINE FROM THE MAIN, WHICH TEES BETWEEN THE BUILDINGS. INSTALL TWO, INDEPENDENT SERVICE LINES TO REPLACE."
5. C1.12
- Relocate Tag No. 70 approximately 110' west and 20' south to location of existing water fountain.
 - Add leader with note reading "NOTE 3" pointing to Tag Nos. 102 and 103 located near the right-center of drawing.
 - Add Note 3 to read: "TAG NOS. 102 AND 103 ARE CURRENTLY FED FROM A SINGLE SERVICE LINE FROM THE MAIN, WHICH TEES BETWEEN THE BUILDINGS. INSTALL TWO, INDEPENDENT SERVICE LINES TO REPLACE."
6. C1.19A
- Add leader with note reading "NOTE 2" pointing to Tag No. 356 located near the top-center of drawing.
7. C1.19
- Add leader with note reading "NOTE 2" pointing to Tag No. 356 located near the top-center of drawing.

It is required to acknowledge this addendum on the Bid Proposal Form.

	<p>I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF ILLINOIS.</p> <p>FOR ORIGIN DESIGN CO. PROFESSIONAL DESIGN FIRM LICENSE #184007435-0015</p>
	<p> 04/14/2023</p> <p>Eldon M. Schneider, P.E. Date License Number 062-067124 My license renewal date is November 30, 2023 Pages or sheets covered by this seal: Addendum No. 1</p>

END OF ADDENDUM NO. 1

BIDDER agrees to perform all the work described in the CONTRACT DOCUMENTS for the following unit prices or lump sum:

CITY OF GALENA, ILLINOIS
LEAD SERVICE LINE REPLACEMENT
BID SCHEDULE
REVISED PER ADDENDUM NO. 1

NOTE: BIDS shall include sales tax and all other applicable taxes and fees.

NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE
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TYPE I - OPEN CUT FULL REPLACEMENT					
1	Exploratory Excavation	2	HR		
2	Traffic Control	1	LS		
3	Curb and Gutter Removal	10	LF		
4	Pavement Removal	15	SY		
5	Sidewalk Removal	1.5	SY		
6	Topsoil Strip and Salvage	6	CY		
7	Service Pipe (Trenched)	30	LF		
7A	Tracing Wire System for Plastic Service Pipe	30	LF		
8	Corporation Stop	1	EA		
9	Curb Stop w/Box	1	EA		
10	Connection to Water Meter	1	EA		
11	Existing Service Abandonment/Removal	1	EA		
12	Select Granular Backfill	15	LF		
13	Stone Base	7	TON		
14	PCC Curb & Gutter	10	LF		
15	HMA Pavement	15	SY		
15A	PCC Pavement	15	SY		
16	Sidewalk Replacement	1.5	SY		
17	Topsoil Replacement	6	CY		
18	Seed, Fertilize, and Mulch	36	SY		
	Type I Bid Price - Per Location				
	Number of Locations Estimated				37
	Total Bid Price for Type I Replacements				

TYPE II - BORED INSTALLATION FULL REPLACEMENT					
19	Exploratory Excavation	2	HR		
20	Traffic Control	1	LS		
21	Pavement Removal	9	SY		
22	Sidewalk Removal	1.5	SY		
23	Topsoil Strip and Salvage	1.5	CY		
24	Service Pipe (Bored)	55	LF		
24A	Tracing Wire System for Plastic Service Pipe	55	LF		
25	Corporation Stop	1	EA		
26	Curb Stop w/Box	1	EA		
27	Connection to Water Meter	1	EA		
28	Existing Service Abandonment/Removal	1	EA		
29	Select Granular Backfill	15	LF		
30	Stone Base	3.5	TON		

NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE
31	HMA Pavement	9	SY		
31A	PCC Pavement	9	SY		
32	Sidewalk Replacement	1.5	SY		
33	Topsoil Replacement	2.5	CY		
34	Seed, Fertilize, and Mulch	12	SY		
	Type II Bid Price - Per Location				
	Number of Locations Estimated				290
	Total Bid Price for Type II Replacements				
GENERAL AND MISCELLANEOUS ITEMS					
35	PCC Driveway or Approach Remove & Replace	100	SY		
36	HMA Driveway or Approach Remove & Replace	100	SY		
37	Granular Driveway Remove & Replace	200	TON		
38	Rock Excavation and Backfill	100	CY		
39	Retaining Wall, Modular Block, Remove & Replace	1500	SF		
40	Retaining Wall, PCC Concrete, Remove & Replace	100	SF		
41	Water Service Casing	500	LF		
42	Freeze Protection	500	LF		
43	Internal Home Water Service Relocation/Penetration	30	EA		
44	Inlet Protection	100	EA		
45	Inlet Filters	100	EA		
46	Clearing	150	UNITS		
47	Tree Removal (Less than 15" Diameter)	80	UNITS		
48	Tree Removal (Greater than 15" Diameter)	10	UNITS		
49	Protection of Existing Plant Material (Temporary Fencing)	200	FT		
50	Interior Plumbing Modifications, Greater than 5-ft	150	LF		
51	Minor Rock Removal at Existing Mains	150	EA		
52	Electrical Grounding	50	EA		
	Total Bid Price for General and Miscellaneous Items				

TOTAL AMOUNT OF BID

\$ _____

Bidder is currently certified as an MBE or WBE under EPA's DBE Program?

Yes _____ No _____

Respectfully Submitted:

Signature

Address

Title

Date

Telephone #

E-mail Address

(SEAL - if BID is by a corporation)

Attest _____