

**1ST STREET WATER MAIN REPLACEMENT
FROM LIBERTY ST TO CHESTNUT ST
WILTON, IOWA**

CONTRACTOR'S BID DATE: Wednesday, June 21, 2023 @ 2:00 P.M.

PLACE FOR CONTRACTORS
TO SUBMIT BIDS:

City of Wilton
City Hall
104 E. 4th Street
Wilton, Iowa 52778

ADDENDUM NO.2

June 14, 2023

TO ALL PLANHOLDERS:

The following changes, clarifications, additions, and/or deletions are hereby made a part of the contract documents for the above-referenced project, as fully and completely as if the same were fully set forth therein. All Bidders submitting a Bid on the above Contract shall carefully read this Addendum and give it consideration in the preparation of their Bid.

This Addendum No. 2 consists of the following:

- Addendum No. 2 (pages ADN2-1 through ADN2-2)
- Section 00400 – BID FORM – ADDENDUM 2 (4 pages)
- Plan Sheet G001 (1 page)
- Plan Sheet C101 (1 page)

CLARIFICATIONS:

1. No Soil Information is available.

SPECIFICATIONS:

1. **REFER TO SECTION 00200 – INSTRUCTIONS TO BIDDERS**
 - a. **CHANGE** the diameter of the casing pipe in Bid Item 2 diameter from “18” to “14”.
2. **REFER TO SECTION 00400 – BID FORM**
 - a. **REPLACE** the Bid Form with the attached.


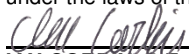
PLANS:

1. **REFER TO SHEET G001**
 - a. **REPLACE** with the attached.

2. REFER TO SHEET C101

- a. **REPLACE** with the attached.

All bidders shall acknowledge receipt and acceptance of Addendum No. 2 by signing in the space provided on the Bid Form. Bids submitted without Addendum No. 2 being acknowledged will be considered non-responsive.

	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 Iowa.	
		Date: <u>6/14/23</u>
	IAN CORBIN, P.E.	
	License No. 25370	
	My renewal date is December 31, 2024.	
	Pages or sheets covered by this seal: ADDENDUM 2	

IAN CORBIN, PE
HR GREEN, INC.
8710 EARHART LANE
CEDAR RAPIDS, IOWA 52404
PHONE: (319) 841-4000

END OF ADDENDUM #2

**SECTION 00400
BID FORM
ADDENDUM 2**

BID TO: City of Wilton
104 E. 4th Street
Wilton, Iowa

1. The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with the Owner in the form included in the Contract Documents to perform the WORK as specified or indicated in said Contract Documents entitled:

1st Street Water Main Replacement From Liberty St to Chestnut St

2. Bidder accepts all of the terms and conditions of the Contract Documents, including without limitation those in the Notice to Bidders and Instructions to Bidders, dealing with the disposition of the Bid Security.
3. Schedule of prices for construction of 1st Street Water Main Replacement From Liberty St to Chestnut St in accordance with the Contract Documents.

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTIT Y	UNIT PRICE	TOTAL
1	WATER MAIN, TRENCHED, PVC DR 18, 6-INCH – CITY WILL PROCURE PIPE	LF	2,210	\$	\$
2	WATER MAIN WITH 14" STEEL CASING PIPE, TRENCHLESS, PVC, 6" – THE CITY WILL PROCURE PVC AND STEEL PIPE, CASING SPACERS, CASING END SEALS	LF	70	\$	\$
3	WATER MAIN FITTINGS, BEND, 6" DI MJ, 90 DEG – THE CITY WILL PROCURE 90 DEGREE BENDS	EA	3	\$	\$
4	WATER MAIN FITTINGS, REDUCER, 6" X 4" – THE CITY WILL PROCURE REDUCER	EA	1	\$	\$
5	WATER SERVICE STUB – THE CITY WILL PROCURE SERVICE LINES OF A LENGTH NEEDED TO REACH THE STOP BOX, TO BE FIELD VERIFIED	EA	26	\$	\$

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTIT Y	UNIT PRICE	TOTAL
6	WATER MAIN ABANDONMENT, CAP, 4" – THE CITY WILL PROCURE CAP	EA	1	\$	\$
7	WATER MAIN ABANDONMENT, CAP, 8" – THE CITY WILL PROCURE CAP	EA	1	\$	\$
8	WATER MAIN ABANDONMENT, FILL AND PLUG, 4" – THE CITY WILL PROCURE PLUGS	LF	2,198	\$	\$
9	GATE VALVE, 6" DI MJ – THE CITY WILL PROCURE VALVES	EA	2	\$	\$
10	INSERTION VALVE, 8" – THE CITY WILL PROCURE INSERTION VALVE	EA	1	\$	\$
11	INSERTION VALVE, 4" – THE CITY WILL PROCURE INSERTION VALVE	EA	1	\$	\$
12	TAPPING VALVE ASSEMBLY, 8"X6" – THE CITY WILL PROCURE TAPPING VALVE ASSEMBLY	EA	1	\$	\$
13	TAPPING VALVE ASSEMBLY, 4"X4" – THE CITY WILL PROCURE TAPPING VALVE ASSEMBLY	EA	1	\$	\$
14	FIRE HYDRANT ASSEMBLY – THE CITY WILL PROCURE HYDRANT ASSEMBLIES	EA	7	\$	\$
15	FIRE HYDRANT ASSEMBLY REMOVAL	EA	3	\$	\$
16	VALVE REMOVAL	EA	2	\$	\$
17	SEAL COAT ROAD RESTORATION	SY	2,507	\$	\$
18	TEMPORARY TRAFFIC CONTROL	LS	1	\$	\$
19	CONSTRUCTION SURVEY	LS	1	\$	\$
20	MOBILIZATION	LS	1	\$	\$
21	6" GRANULAR SURFACING	TONS	790	\$	\$

HR Green, Inc.
Project No. 10110158

1st Street Water Main Replacement
From Liberty St to Chestnut St
Wilton, Iowa

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTIT Y	UNIT PRICE	TOTAL
TOTAL ITEM 1 THROUGH 21					\$

4. Name of person who inspected site of proposed WORK for your firm:

Name: _____ Date of Inspection: _____

5. Bidder has examined copies of all the Contract Documents including the following addenda (receipt of all of which is hereby acknowledged):

Number	_____	Date	_____
	_____		_____
	_____		_____

6. Failure to acknowledge addenda may render the Bid non-responsive and be cause for its rejection. Bidder has familiarized itself with the nature and extent of the Contract Documents, WORK, site, locality where the WORK is to be performed, the legal requirements (federal, state and local laws, ordinances, rules and regulations), and the conditions affecting cost, progress or performance of the WORK and has made such independent investigations as Bidder deems necessary.

7. The Bidder hereby agrees to comply with the additional requirements listed below which are included in this proposal and identified as Bid Form attachments:

ITEM NO. DESCRIPTION OF ATTACHMENT

- | | |
|----|--|
| 1. | Bidder Status Form and Worksheet: Authorization to Transact Business |
| 2. | Section 00430 – Bid Bond (Submitted in Separate Sealed Envelope) |

To all the foregoing, and including all Bid Forms contained in this Bid, said Bidder further agrees to complete the WORK required under the Contract Documents within the Contract Time stipulated in said Contract Documents, and to accept in full payment therefore the Contract Price based on the Total Bid Price(s) named in the aforementioned Bid Form.

Signed this _____ day of _____, 2023.

By: _____
(Firm Name)

(Signature)

(Typed or Printed Name)

(Title)

(1) BIDDER's name and address:

(2) BIDDER's telephone numbers, and e-mail address:

(3) Federal Tax I.D. No.: _____ Iowa Contractor License No.:

(DO NOT OMIT)

(4) BIDDER's authorized agent for contract execution: _____
Name and Title

(5) BIDDER's attesting agent for contract execution: _____
Name and Title

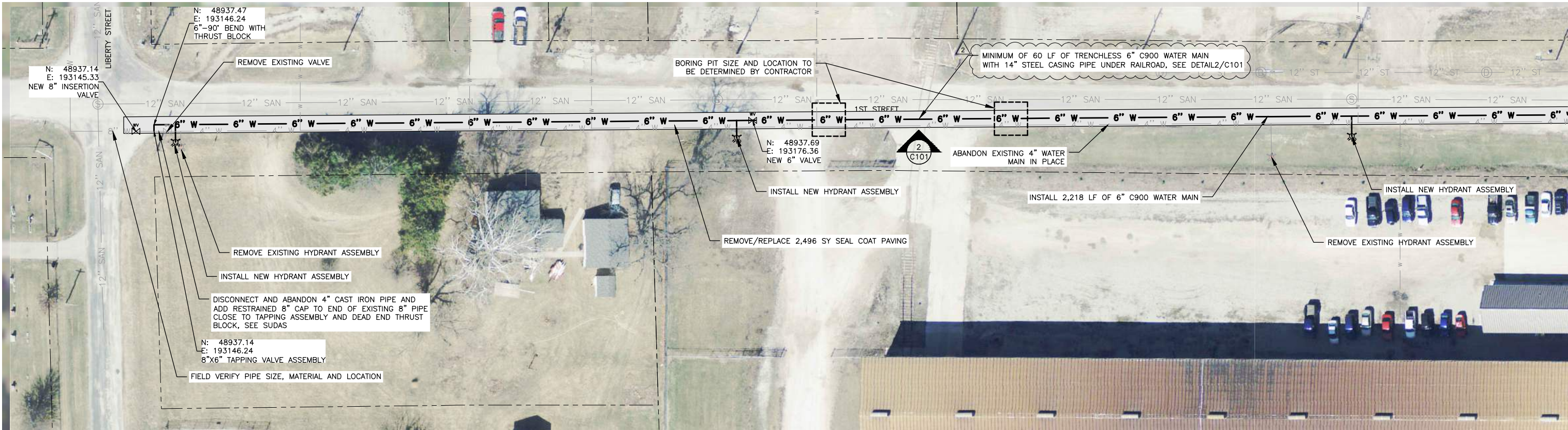
(6) BIDDER's type of business: _____
(Corporation, partnership, individual, etc.)

END OF SECTION 00400

1			MET. CONTRACTOR IS RESPONSIBLE FOR THE TRENCH COMPACTION TESTING PER SUDAS 3010. 12" STORM SEWER IS INCIDENTAL. CONTRACTOR IS REQUIRED TO FIELD VERIFY EXISTING PIPE TYPE PRIOR TO ORDERING MATERIALS AND CONSTRUCTION FOR THIS WORK. CONTRACTOR IS RESPONSIBLE FOR STORM SEWER PIPE.	
2	2	5010-B-2	WATER MAIN WITH 14" STEEL CASING PIPE, TRENCHLESS, PVC, 6"	
			A. SUDAS SECTION 3020 FOR TRENCHLESS CONSTRUCTION SHALL BE FOLLOWED. B. THIS ITEM SHALL INCLUDE BUT IS NOT LIMITED TO THE FOLLOWING: RESTRAINED JOINT C900 PVC CARRIER PIPE, 14" STEEL CASING PIPE WITH MINIMUM WALL THICKNESS OF 3/8", CASING SPACERS WITH A MAXIMUM OF 6' SPACING, CASING END SEAL AND TRENCHLESS INSTALLATION.	1
	3	5010-C-1	WATER MAIN FITTINGS, BEND, 6" DI MJ, 90 DEG	
			A. RESTRAINED ALL FITTINGS USING DUCTILE IRON RETAINING GLANDS; MEGALUG SERIES 110 OR 2000 PV, STARGRIP SERIES 3000 OR 4000 OR APPROVED EQUIVALENT. B. ALL DUCTILE IRON FITTINGS SHALL BE WRAPPED IN POLYETHYLENE ENCASEMENT. POLY-WRAP SHALL BE CONSIDERED INCIDENTAL.	
	4	5010-C-1	WATER MAIN FITTINGS, REDUCER, 6"X4"	
	5	5010-D	WATER SERVICE STUB	
			A. SERVICE SIZE AND LENGTH TO BE FIELD VERIFIED. DIFFERENT SERVICE SIZES WILL NOT BE COUNTED SEPARATELY. MATCH THE EXISTING DIAMETER ON ALL SERVICE PIPES WITH THE NEW SERVICE LINE. THIS ITEM SHALL INCLUDE ANY AND ALL MATERIALS AND WORK TO CONNECT TO THE EXISTING SERVICE LINE. USE TYPE K COPPER PIPE. CITY WILL PROCURE SERVICE LINES.	
	6	5010-F	WATER MAIN ABANDONMENT, CAP, 4"	
	7	5010-F	WATER MAIN ABANDONMENT, CAP, 8"	
	8	5010-G	WATER MAIN ABANDONMENT, FILL AND PLUG, 4"	
			A. EXISTING 4" MAIN SHALL REMAIN ACTIVE THROUGHOUT NEW WATER MAIN INSTALLATION	
	9	5020-A	GATE VALVE, 6" DI MJ	
			A. PROVIDE VALVE BOX ADAPTOR ii FOR ALL BURIED VALVES. B. RESTRAIN ALL VALVES USING DUCTILE IRON RETAINING GLANDS, SEE WATER MAIN FITTINGS ITEM ABOVE.	
	10	5020-A	INSERTION VALVE 8"	
	11	5020-A	INSERTION VALVE 4"	
			A. MANUFACTURER TO BE QUIKVALVE BY ROMAC OR EQUAL	2
	12	5020-B	TAPPING VALVE ASSEMBLY, 8"X6"	
	13	5020-B	TAPPING VALVE ASSEMBLY, 4"X4"	
	14	5020-C	FIRE HYDRANT ASSEMBLY	1
			A. HYDRANT ASSEMBLY SHALL BE FULLY RESTRAINED USING ANCHOR TEE AND PIPE AS IDENTIFIED IN SUDAS FIGURE 5020.201 (WM-201) OR WITH MJ FITTINGS AND DUCTILE IRON RETAINING GLANDS, SEE WATER MAIN FITTINGS ABOVE. HYDRANT TEE IS INCLUDED AS PART OF HYDRANT ASSEMBLY BID ITEM. B. FIRE HYDRANT SHALL BE PROVIDED WITH 5-1/4" MAIN VALVE, (1) 4-1/2" PUMPER NOZZLE, AND (2) 2-1/2" HOSE NOZZLES. PROVIDE NATIONAL STANDARD NOZZLE THREADS. C. AUXILIARY VALVE SHALL MEET REQUIREMENTS FOR GATE VALVE, SEE REQUIREMENTS ABOVE. D. PROVIDE GRAVEL PACK, TRACE WIRE AND F TRACER WIRE TERMINAL POST. INCLUDE ANCILLARY COMPONENTS TO PROVIDE A COMPLETE FIRE HYDRANT ASSEMBLY. E. HYDRANT SHALL BE WATEROUS PACER, CLOW MEDALLION, EJ WATERMASTER, AND KENNEDY GUARDIAN.	
	15	5020-J	FIRE HYDRANT ASSEMBLY REMOVAL	
			A. SALVAGE FIRE HYDRANT TO OWNER.	
	16	5020-K	VALVE REMOVAL	
			A. REMOVE VALVE BOXES ON ABANDONED WATER MAIN AFTER NEW WATER MAIN HAS BEEN PUT IN SERVICE.	
	17	7060-A	SEAL COAT ROAD RESTORATION	
	18	8030-A	TEMPORARY TRAFFIC CONTROL	
			A. SUBMIT STREET/LANE CLOSURE TO OWNER FOR REVIEW AND APPROVAL A MINIMUM OF 48 HOURS PRIOR TO CLOSURE.	1

1

 ΔC

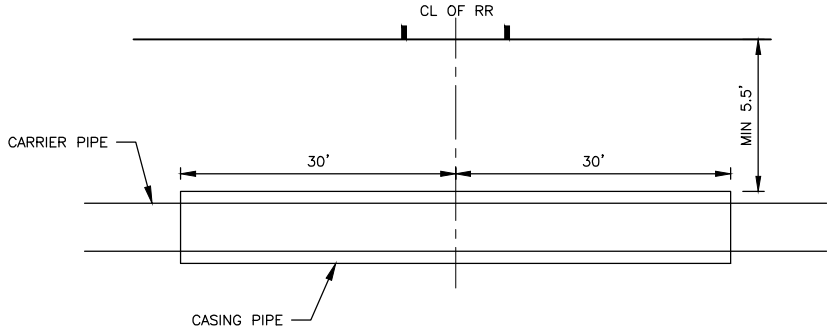


1 WATERMAIN PLAN
SCALE: 1"=30'



- GENERAL NOTES
1. ABANDON EXISTING PIPE IN PLACE.
 2. MINIMUM 5' COVER OVER TOP OF PIPE.
 3. RESTRAINED JOINT 10' FROM ALL VALVES AND FITTINGS.
 4. PROTECT EXISTING SANITARY SEWER SERVICES.
 5. FIELD VERIFY EXISTING WATER MAIN DEPTH.
 6. RECONNECT ALL EXISTING WATER SERVICE STUBS. FIELD VERIFY ALL SERVICE LOCATIONS.
 7. PROTECT CURB.
 8. REMOVE AND REPLACE PCC SIDEWALK AND DRIVEWAYS AS NEEDED.
 9. REMOVE AND REPLACE GRAVEL ROAD AND DRIVEWAYS AS NEEDED.
 10. TREE REMOVAL, SEEDING, STORM SEWER, SIDEWALK AND DRIVEWAY REMOVAL AND REPLACEMENT, AND STORM SEWER INLET PROTECTION ARE INCIDENTAL TO PROJECT, REFER TO SUDAS 2022.
 11. EXISTING 4" MAIN SHALL REMAIN ACTIVE THROUGHOUT NEW WATER MAIN INSTALLATION.
 12. NEW 6" WATER MAIN AND SERVICES TO REMAIN ACTIVE WHILE DISCONNECTING AND ABANDONING THE 4" WATER MAIN.

- LEGEND
- EXISTING HYDRANT
 - PROPOSED HYDRANT
 - EXISTING VALVE
 - PROPOSED VALVE
 - 4" W EXISTING WATER
 - 12" SAN EXISTING SANITARY
 - 12" ST EXISTING STORM
 - EXISTING SANITARY MANHOLE
 - EXISTING STORM MANHOLE
 - EXISTING STORM INTAKE
 - 6" W PROPOSED WATER
 - WATER SERVICE SHUT OFF
 - W WATER SERVICE



2 CASING PIPE DETAIL
SCALE: NONE

DRAWN BY: BDB JOB DATE: 2022
APPROVED: IMC JOB NUMBER: 10110158
CAD DATE: 6/14/2023 11:46:19 AM
CAD FILE: \\hrgcrnas\Data\10110158\1stStreetWaterMain\Design\DWGs\WATER MAIN

BAR IS ONE INCH ON
OFFICIAL DRAWINGS.
0 1"
IF NOT ONE INCH,
ADJUST SCALE ACCORDINGLY.

NO.	DATE	BY	REVISION DESCRIPTION
1	6/14/23	I.C	ADDENDUM 2



1ST STREET WATER MAIN REPLACEMENT FROM
LIBERTY ST TO CHESTNUT ST
CITY OF WILTON
WILTON, IOWA

CIVIL
1ST ST WATERMAIN PLAN

SHEET NO.
C101