

AUTHORIZING CONSTRUCTION SERVICES WITH HERLIHY MID-CONTINENT COMPANY IN THE AMOUNT OF \$461,392.90 FOR 290 FEET OF WATER MAIN REPLACEMENT ON N. FIRST STREET ACROSS THE KISHWAUKEE RIVER WITH A PROJECT TOTAL NOT TO EXCEED \$478,000.

WHEREAS, the City of DeKalb (the "City") is a home rule unit of local government and may exercise any power and perform any function pertaining to its government and affairs pursuant to Article VII, Section 6, of the Illinois Constitution of 1970; and

WHEREAS, the City Engineer recommends the waiver of competitive bidding and approval of a proposal from Herlihy Mid-Continent (the "Contractor") to replace 290 feet of watermain on North First Street across the Kishwaukee River during the Contractor's contemporaneous work on the adjacent bridge project attached and incorporated as Exhibit A (the "Proposal"); and

WHEREAS, the City's corporate authorities find that waiving competitive bidding and approving the Proposal is in the City's best interests for the protection of the public health, safety, and welfare; and

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF DEKALB, ILLINOIS:

SECTION 1: The recitals to this resolution are true, correct, adopted and incorporated as Section One to this Resolution.

SECTION 2: The City's corporate authorities approve the waiver of competitive bid requirements and the Proposal, and further approve, authorize, and direct the City Manager to enter into an agreement, in a form acceptable to the City Manager, with Contractor for the Proposal with Staff authority to spend a total amount not to exceed \$478,000, and to take all necessary actions to effectuate the City's approval of the Proposal.

SECTION 3: This resolution and each of its terms shall be the effective legislative act of a home rule municipality without regard to whether such resolution should (a) contain terms contrary to the provision of current or subsequent non-preemptive state law, or (b) legislate in a manner or regarding a matter not delegated to municipalities by state law. It is the intent of the corporate authorities of the City of DeKalb that to the extent that the terms of this resolution should be inconsistent with any non-preemptive state law, that this resolution shall supersede state law in that regard within its jurisdiction.

SECTION 4: This resolution shall be in full force and effect from and after its passage and approval as provided by law.

PASSED BY THE CITY COUNCIL of the City of DeKalb, Illinois at a Regular meeting thereof held on the 22nd day of May 2023, and approved by me as Mayor on the same day. Passed by an 8-0 roll call vote. Aye: Zasada, Larson, Smith, Perkins, McAdams, Verbic, Walker, Barnes. Nay. None.




COHEN BARNES, Mayor

ATTEST:


Ruth A. Scott, Executive Assistant

HERLIHY

MID-CONTINENT CO.

March 9, 2023

HLR, INC.
380 Shepard Dr
Elgin, IL 60123
Sent via e-mail

Attn: Donald Ryba, PE

RE: Lucinda Bridge Replacement
IDOT Contract 87779

Subject: First St Water Main Relocation

Dear Mr. Ryba:

We have been asked to submit unit prices for work associated with relocation of watermain at First ST. The price breakdown is as follows:

| ITEM | Item | Quantity | Units | Unit Price | | Total |
|------|-------------------------------|----------|-------|-------------|--|--------------|
| 100 | TBF | 90 | CY | \$39.10 | | \$3,519.00 |
| 110 | EXPL TRENCH 52" | 50 | FT | \$25.00 | | \$1,250.00 |
| 120 | WATER VALVE 8" | 2 | EA | \$6,500.00 | | \$13,000.00 |
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| 160 | ABANDON EXISITING WATER MAIN | 270 | FT | \$35.65 | | \$9,625.50 |
| 170 | NON SPL WASTE DISPOS | 586 | CY | \$61.90 | | \$36,273.40 |
| 180 | REG SUB MON | 3 | DYS | \$875.00 | | \$2,625.00 |
| 190 | MOBILIZATION | 1 | LSU | \$52,500.00 | | \$52,500.00 |

Total:

\$461,392.90

Please note some items have been left off the proposal, as they are already covered under work on contract 87779. Some items have been added to the proposal as they were not included in the provided BOM.

If you have any questions please contact me at our office.

Very Truly Yours,
HERLIHY MID-CONTINENT COMPANY



Joseph P Lenahan
Sr. Project Manager

Res 2023-061
add to



Local Public Agency Formal Contract

Contractor's Name

Herlihy Mid-Continent

Contractor's Address

1306 Marquette Dr

City

Romeoville

State

IL

Zip Code

60446

STATE OF ILLINOIS

Local Public Agency

City of DeKalb

County

DeKalb

Section Number

N/A

Street Name/Road Name

N. First Street

Type of Funds

Local/Water

☐ CONTRACT BOND (when required)

For a Municipal Project

Submitted/Approved/Passed

Signature & Date

[Handwritten Signature]

Official Title

City Engineer

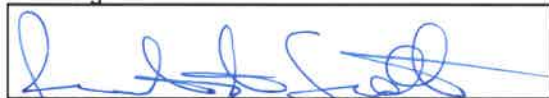
| | | | |
|---------------------|------------------------|--------|----------------|
| Local Public Agency | Local Street/Road Name | County | Section Number |
| City of DeKalb | N. First Street | DeKalb | N/A |

1. THIS AGREEMENT, made and concluded the 22nd day of May between the City of DeKalb, known as the party of the first part, and Herlihy Mid-Continent, its successor, and assigns, known as the party of the second part.

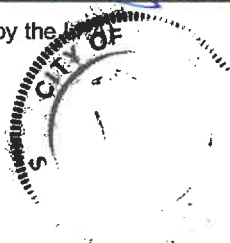
2. For and in consideration of the payments mentioned in the Proposal hereto attached, to be made and performed by the party of the first part, the party of the second part agrees with said party of the first part, at its own proper cost and expense, to do all the work, furnish all materials and all labor necessary to complete the work in accordance with the included plans.

3. The City of DeKalb, known as the party of the first part, and Herlihy Mid-Continent, its successor, and assigns, known as the party of the second part.

Attest:
Executive Asst.
Clerk Signature & Date



(SEAL, if required by the LPA)



(SEAL, if required by the LPA)

Party of the First Part Signature & Date
By:  8-22-23

(If a Corporation)

Corporate Name
City of DeKalb

President, Party of the Second Part Signature & Date
By: 

(If a Limited Liability Corporation)

LLC Name

Manager or Authorized Member, Party of the Second Part
By:

(If a Partnership)

Partner Signature & Date

Partner Signature & Date

Partners doing Business under the firm name of
Party of the Second Part

(If an individual)

Party of the Second Part Signature & Date

Attest:
Secretary Signature & Date

(SEAL, if required by the LPA)

HERLIHY

MID-CONTINENT CO.

March 9, 2023

HLR, INC.
380 Shepard Dr
Elgin, IL 60123
Sent via e-mail

Attn: Donald Ryba, PE

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If you have any questions please contact me at our office.

Very Truly Yours,
HERLIHY MID-CONTINENT COMPANY



Joseph P Lenahan
Sr. Project Manager

1306 MARQUETTE DRIVE ROMEOVILLE, ILLINOIS 60446-1026 630-378-1000 FAX 630-378-1001


**Illinois Department
of Transportation**
**Local Public Agency
Formal Contract Proposal**

| | | |
|-----------------------|----------|----------|
| PROPOSAL SUBMITTED BY | | |
| Contractor's Name | | |
| Street | P.O. Box | |
| City | State | Zip Code |

STATE OF ILLINOIS

COUNTY OF DeKalbCity of DeKalb

(Name of City, Village, Town or Road District)

FOR THE IMPROVEMENT OF

STREET NAME OR ROUTE NO. North First StreetSECTION NO. Water Main ImprovementsTYPE OF FUNDS Local☒ SPECIFICATIONS (required)☒ PLANS (required)
For Municipal Projects
Submitted/Approved/Passed

☐ Mayor ☐ President of Board of Trustees ☐ Municipal Official

Date

Department of Transportation
☐ Released for bid based on limited review

Regional Engineer

Date

For County and Road District Projects
Submitted/Approved

Highway Commissioner

Date

Submitted/Approved

County Engineer/Superintendent of Highways

Date

Note: All proposal documents, including Proposal Guaranty Checks or Proposal Bid Bonds, should be stapled together to prevent loss when bids are processed

RETURN WITH BID

NOTICE TO BIDDERS

County DeKalb
 Local Public Agency City of DeKalb
 Section Number Water Main Improvements
 Route North First Street

Sealed proposals for the improvement described below will be received at the office of City of DeKalb
Public Works Department, 1216 Market St., DeKalb, IL 60115 until 10:00 a.m. on September 15, 2022
Address Time Date

Sealed proposals will be opened and read publicly at the office of City of DeKalb Public Works Department
1216 Market Street, DeKalb, IL 60115 at 10:00 a.m. on September 15, 2022
Address Time Date

DESCRIPTION OF WORK

Name North First Street Watermain Improvements Length: 290.00 feet (0.0549 miles)
 Location North First Street
 Proposed Improvement Replace water main under the south branch of the Kishwaukee River

1. Plans and proposal forms will be available in the office of electronic format documents by email
icarley@hlreng.com
Address at

2. ☒ **Prequalification**
 If checked, the 2 low bidders must file within 24 hours after the letting an "Affidavit of Availability" (Form BC 57), in duplicate, showing all uncompleted contracts awarded to them and all low bids pending award for Federal, State, County, Municipal and private work. One original shall be filed with the Awarding Authority and one original with the IDOT District Office.
3. The Awarding Authority reserves the right to waive technicalities and to reject any or all proposals as provided in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals.
4. The following BLR Forms shall be returned by the bidder to the Awarding Authority:
- a. BLR 12200: Local Public Agency Formal Contract Proposal
 - b. BLR 12200a Schedule of Prices
 - c. BLR 12230: Proposal Bid Bond (if applicable)
 - d. BLR 12325: Apprenticeship or Training Program Certification **(do not use for federally funded project)**
 - e. BLR 12326: Affidavit of Illinois Business Office
5. The quantities appearing in the bid schedule are approximate and are prepared for the comparison of bids. Payment to the Contractor will be made only for the actual quantities of work performed and accepted or materials furnished according to the contract. The scheduled quantities of work to be done and materials to be furnished may be increased, decreased or omitted as hereinafter provided.
6. Submission of a bid shall be conclusive assurance and warranty the bidder has examined the plans and understands all requirements for the performance of work. The bidder will be responsible for all errors in the proposal resulting from failure or neglect to conduct an in depth examination. The Awarding Authority will, in no case be responsible for any costs, expenses, losses or changes in anticipated profits resulting from such failure or neglect of the bidder.
7. The bidder shall take no advantage of any error or omission in the proposal and advertised contract.
8. If a special envelope is supplied by the Awarding Authority, each proposal should be submitted in that envelope furnished by the Awarding Agency and the blank spaces on the envelope shall be filled in correctly to clearly indicate its contents. When an envelope other than the special one furnished by the Awarding Authority is used, it shall be marked to clearly indicate its contents. When sent by mail, the sealed proposal shall be addressed to the Awarding Authority at the address and in care of the official in whose office the bids are to be received. All proposals shall be filled prior to the time and at the place specified in the Notice to Bidders. Proposals received after the time specified will be returned to the bidder unopened.
9. Permission will be given to a bidder to withdraw a proposal if the bidder makes the request in writing or in person before the time for opening proposals.

RETURN WITH BID

PROPOSAL

County DeKalb
 Local Public Agency City of DeKalb
 Section Number Water Main Improvements
 Route North First Street

1. Proposal of _____

 for the improvement of the above section by the construction of _____
Replace water main under the south branch of the Kishwaukee River

 a total distance of 290 feet, of which a distance of 290 feet, (0.05 miles) are to be improved.
2. The plans for the proposed work are those prepared by Hampton Lenzini & Renwick Inc.
 and approved by the Department of Transportation on 8/16/2022
3. The specifications referred to herein are those prepared by the Department of Transportation and designated as "Standard Specifications for Road and Bridge Construction" and the "Supplemental Specifications and Recurring Special Provisions" thereto, adopted and in effect on the date of invitation for bids.
4. The undersigned agrees to accept, as part of the contract, the applicable Special Provisions indicated on the "Check Sheet for Recurring Special Provisions" contained in this proposal.
5. The undersigned agrees to complete the work within _____ working days or by _____ unless additional time is granted in accordance with the specifications.
6. A proposal guaranty in the proper amount, as specified in BLRS Special Provision for Bidding Requirements and Conditions for contract Proposals, will be required. Bid Bonds will be allowed as proposal guaranty. Accompanying this proposal is either a bid bond if allowed, on Department form BLR12230 or a proposal guaranty check, complying with the specifications, made payable to:
City Treasurer of DeKalb
 The amount of the check is _____ (_____).
7. In the event that one proposal guaranty check is intended to cover two or more proposals, the amount must be equal to the sum of the proposal guaranties, which would be required for each individual proposal. If the proposal guaranty check is placed in another proposal, it will be found in the proposal for: Section Number _____
8. The successful bidder at the time of execution of the contract will be required to deposit a contract bond for the full amount of the award. When a contract bond is not required, the proposal guaranty check will be held in lieu therefore. If this proposal is accepted and the undersigned fails to execute a contract and contract bond as required, it is hereby agreed that the Bid Bond or check shall be forfeited to the Awarding Authority.
9. Each pay item should have a unit price and a total price. If no total price is shown or if there is a discrepancy between the product of the unit price multiplied by the quantity, the unit price shall govern. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price.
10. A bid will be declared unacceptable if neither a unit price nor a total price is shown.
11. The undersigned submits herewith the schedule of prices on BLR 12200a covering the work to be performed under this contract.
12. The undersigned further agrees that if awarded the contract for the sections contained in the combinations on BLR 12200a, the work shall be in accordance with the requirements of each individual proposal for the multiple bid specified in the Schedule for Multiple Bids below.

HERLIHY

MID-CONTINENT CO.

March 9, 2023

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Very Truly Yours,
HERLIHY MID-CONTINENT COMPANY


Joseph P. Lenahan
Sr. Project Manager

1306 MARQUETTE DRIVE ROMEOVILLE, ILLINOIS 60446-1026 630-378-1000 FAX 630-378-1001



SCHEDULE OF PRICES

County DeKalb
Local Public Agency City of DeKalb
Section Water Main Improvements
Route North First Street

Schedule for Multiple Bids

| Combination Letter | Sections Included in Combinations | Total |
|--------------------|-----------------------------------|-------|
| | | |
| | | |
| | | |
| | | |

Schedule for Single Bid

(For complete information covering these items, see plans and specifications)

Bidder's Proposal for making Entire Improvements

| Item No. | Items | Unit | Quantity | Unit Price | Total |
|--|----------------------|-------|----------|------------|-------|
| 1 | TRENCH BACKFILL | CU YD | 70 | | |
| 2 | EXPLOR TRENCH 52 | FOOT | 25 | | |
| 3 | SEEDING CL 1A | ACRE | 0.1 | | |
| 4 | NITROGEN FERT NUTR | POUND | 9 | | |
| 5 | POTASSIUM FERT NUTR | POUND | 9 | | |
| 6 | PERIMETER EROS BAR | FOOT | 230 | | |
| 7 | SIDEWALK REM | SQ FT | 526 | | |
| 8 | WATER VALVES 8 | EACH | 2 | | |
| 9 | VV TA 4 DIA T1F CL | EACH | 2 | | |
| 10 | MOBILIZATION | L SUM | 1 | | |
| 11 | STL CAS P AUG/JKD 30 | FOOT | 180 | | |
| 12 | WATER MAIN ABANDON 8 | FOOT | 180 | | |
| 13 | WATER MAIN REMOV 8 | FOOT | 110 | | |
| 14 | DIWM 8 DIAM REST JT | FOOT | 306 | | |
| 15 | CONN TO EX W MAIN 8 | EACH | 2 | | |
| 16 | CH LK FENCE REMOV | FOOT | 80 | | |
| 17 | TRAF CONT & PROT SPL | L SUM | 1 | | |
| 18 | TEMP SIDEWALK | SQ FT | 526 | | |
| 19 | CONC TRUCK WASHOUT | L SUM | 1 | | |
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| | | | | | |
| Bidder's Proposal for Making Entire Improvements | | | | | |

RETURN WITH BID

CONTRACTOR CERTIFICATIONS

| | |
|---------------------|-------------------------|
| County | DeKalb |
| Local Public Agency | City of DeKalb |
| Section Number | Water Main Improvements |
| Route | North First Street |

The certifications hereinafter made by the bidder are each a material representation of fact upon which reliance is placed should the Department enter into the contract with the bidder.

1. **Debt Delinquency.** The bidder or contractor or subcontractor, respectively, certifies that it is not delinquent in the payment of any tax administered by the Department of Revenue unless the individual or other entity is contesting, in accordance with the procedures established by the appropriate revenue Act, its liability for the tax or the amount of tax. Make a false statement voids the contract and allows the Department to recover all amounts paid to the individual or entity under the contract in a civil action.
2. **Bid-Rigging or Bid Rotating.** The bidder or contractor or subcontractor, respectively, certifies that it is not barred from contracting with the Department by reason of a violation of either 720 ILCS 5/33E-3 or 720 ILCS 5/33E-4.

A violation of Section 33E-3 would be represented by a conviction of the crime of bid-rigging which, in addition to Class 3 felony sentencing, provides that any person convicted of this offense or similar offense of any state or the United States which contains the same elements as this offense shall be barred for 5 years from the date of conviction from contracting with any unit of State or local government. No corporation shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent in behalf of the corporation.

A violation of Section 33E-4 would be represented by a conviction of the crime of bid-rotating which, in addition to Class 2 felony sentencing, provides that any person convicted of this offense or any similar offense of any state or the United States which contains the same elements as this offense shall be permanently barred from contracting with any unit of State or local government. No corporation shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent in behalf of the corporation.

3. **Bribery.** The bidder or contractor or subcontractor, respectively, certifies that it has not been convicted of bribery or attempting to bribe an officer or employee of the State of Illinois or any unit of local government, nor has the firm made an admission of guilt of such conduct which is a matter of record, nor has an official, agent, or employee of the firm committed bribery or attempted bribery on behalf of the firm and pursuant to the direction or authorization of a responsible official of the firm.
4. **Interim Suspension or Suspension.** The bidder or contractor or subcontractor, respectively, certifies that it is not currently under a suspension as defined in Subpart I of Title 55 Subtitle A Chapter III Part 6 of the Illinois Administrative Code. Furthermore, if suspended prior to completion of this work, the contract or contracts executed for the completion of this work may be cancelled.

RETURN WITH BID

SIGNATURES

| | |
|--------------------|-------------------------|
| County | DeKalb |
| Local Pulic Agency | City of DeKalb |
| Section Number | Water Main Improvements |
| Route | North First Street |

(If an individual)

Signature of Bidder _____

Business Address _____

(If a partnership)

Firm Name _____

Signed By _____

Business Address _____

Insert Names and Addressed of All Partners

{ _____

(If a corporation)

Corporate Name _____

Signed By _____

President

Business Address _____

Insert Names of Officers

{ President _____
Secretary _____
Treasurer _____

Attest: _____
Secretary



Local Public Agency Proposal Bid Bond



| | | |
|---------------------|--------|----------------|
| Local Public Agency | County | Section Number |
| City of DeKalb | DeKalb | |

WE, _____ as PRINCIPAL, and _____ as SURETY, are held jointly,

severally and firmly bound unto the above Local Public Agency (hereafter referred to as "LPA") in the penal sum of 5% of the total bid price, or for the amount specified in the proposal documents in effect on the date of invitation for bids, whichever is the lesser sum. We bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly pay to the LPA this sum under the conditions of this instrument.

WHEREAS THE CONDITION OF THE FOREGOING OBLIGATION IS SUCH that, the said PRINCIPAL is submitting a written proposal to the LPA acting through its awarding authority for the construction of the work designated as the above section.

THEREFORE if the proposal is accepted and a contract awarded to the PRINCIPAL by the LPA for the above designated section and the PRINCIPAL shall within fifteen (15) days after award enter into a formal contract, furnish surety guaranteeing the faithful performance of the work, and furnish evidence of the required insurance coverage, all as provided in the "Standard Specifications for Road and Bridge Construction" and applicable Supplemental Specifications, then this obligation shall become void; otherwise it shall remain in full force and effect.

IN THE EVENT the LPA determines the PRINCIPAL has failed to enter into a formal contract in compliance with any requirements set forth in the preceding paragraph, then the LPA acting through its awarding authority shall immediately be entitled to recover the full penal sum set out above, together with all court costs, all attorney fees, and any other expense of recovery.

IN TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their respective officers this _____ Day _____ of _____ Month and Year

Principal

Company Name

Signature

Date

By:

Title

Company Name

Signature

Date

By:

Title

(If Principal is a joint venture of two or more contractors, the company names, and authorized signatures of each contractor must be affixed.)

Surety

Name of Surety

Signature of Attorney-in-Fact

Date

By:

STATE OF IL

COUNTY OF

I _____, a Notary Public in and for said county do hereby certify that

(Insert names of individuals signing on behalf of PRINCIPAL & SURETY)

who are each personally known to me to be the same persons whose names are subscribed to the foregoing instrument on behalf of PRINCIPAL and SURETY, appeared before me this day in person and acknowledged respectively, that they signed and delivered said instruments as their free and voluntary act for the uses and purposes therein set forth.

Given under my hand and notarial seal this _____ Day _____ of _____ Month and Year

(SEAL)

Notary Public Signature

Date commission expires _____

Local Public Agency

County

Section Number

City of DeKalb

DeKalb

ELECTRONIC BID BOND

☐ **Electronic bid bond is allowed (box must be checked by LPA if electronic bid bond is allowed)**

The Principal may submit an electronic bid bond, in lieu of completing the above section of the Proposal Bid Bond Form. By providing an electronic bid bond ID code and signing below, the Principal is ensuring the identified electronic bid bond has been executed and the Principal and Surety are firmly bound unto the LPA under the conditions of the bid bond as shown above. (If PRINCIPAL is a joint venture of two or more contractors, an electronic bid bond ID code, company/Bidder name title and date must be affixed for each contractor in the venture.)

Electronic Bid Bond ID Code

| | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

Company/Bidder Name

| |
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Signature

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Date

| |
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|--|

Title

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VOID

TABLE OF CONTENTS

| | |
|---|----|
| LOCATION OF PROJECT | 1 |
| DESCRIPTION OF PROJECT | 1 |
| STATUS OF UTILITIES TO BE ADJUSTED | 2 |
| CONSTRUCTION NOISE..... | 2 |
| FIRE HYDRANTS..... | 2 |
| CLEAN CONSTRUCTION OR DEMOLITION DEBRIS | 3 |
| TRENCH BACKFILL | 4 |
| TEMPORARY SIDEWALK PATCHING..... | 4 |
| SIDEWALK REMOVAL..... | 5 |
| TRAFFIC CONTROL AND PROTECTION | 5 |
| DUCTILE IRON WATER MAIN | 5 |
| WATER MAIN ENCASEMENT | 8 |
| ABANDON EXISTING WATER MAIN | 9 |
| CUT AND CAP EXISTING WATER MAIN..... | 9 |
| WATER MAIN REMOVAL | 9 |
| WATER VALVES | 9 |
| VALVE VAULTS | 10 |
| CONNECTION TO EXISTING WATER MAIN | 10 |
| CONCRETE TRUCK WASHOUT | 12 |
| CHAIN LINK FENCE REMOVAL..... | 13 |
| COMPLETION DATE PLUS WORKING DAYS | 14 |
| EXPLORATION TRENCH, SPECIAL | 14 |
| TEMPORARY INFORMATION SIGNING | 14 |

STATE OF ILLINOIS

SPECIAL PROVISIONS

The following Special Provisions supplement the "Standard Specifications for Road and Bridge Construction, Adopted January 1, 2022", the latest edition of the "Manual on Uniform Traffic Control Devices for Streets and Highways", and the "Manual of Test Procedures for Materials" in effect on the date of invitation for bids, and the "Supplemental Specifications and Recurring Special Provisions" indicated on the Check Sheet included herein, which apply to and govern the construction of F.A.U. Route 5352 (North First Street Bridge), in DeKalb County, and in case of conflict with any part, or parts, of said Specifications, the said Special Provisions shall take precedence and shall govern.

Contract No. _____

LOCATION OF PROJECT

The project is located on North First Street adjacent to the bridge over the South Branch of the Kishwaukee River in the City of DeKalb, Illinois.

DESCRIPTION OF PROJECT

Install new water main under the South Branch of the Kishwaukee River and abandon existing water main.

MATERIAL PROCUREMENT, CONSTRUCTION START

Lead times for materials procurement will not be allowed to delay the start of this project or cause any suspension of work during the project. The contractor shall ensure that all materials have been procured or can be obtained in such time that construction activities are not interrupted. Under no circumstances shall either bridge be allowed to be closed during winter months or any stoppage of construction. The contractor shall provide documentation to the engineer before the start of construction, certifying that all materials are or will be available at the time they are needed.

STATUS OF UTILITIES TO BE ADJUSTED

(Effective January 1, 2007; Revised January 24, 2011)

| <u>Name & Address of Utility</u> | <u>Type</u> | <u>Location</u> | <u>Estimated Date Relocation Complete</u> |
|--------------------------------------|-------------------|---|---|
| ComEd | Electric | Buried line along the north side of the river. | |
| Comcast | Internet | | |
| City of DeKalb | Water | | |
| Frontier Communications | Fiber Optic Cable | East side of N. First St. | |
| Kishwaukee Water Reclamation | Sanitary Sewer | Gravity sewer on south side of river, force main on north side of river | |
| Nicor | Natural Gas | | |
| Northern IL University | | | |
| Metro Fibernet, LLC | Fiber Optic Cable | | |
| | | | |
| | | | |
| | | | |

The above represents the best information of the Department and is only included for the convenience of the bidder. The applicable provisions of Section 102 and Articles 105.07, 107.20, 107.37, 107.38, 107.39, 107.40, and 108.02 of the Standard Specifications for Road and Bridge Construction shall apply.

The estimated utility relocation dates should be part of the progress schedule submitted by the Contractor.

CONSTRUCTION NOISE

Revise the second paragraph of Article 107.35 of the Standard Specifications to read:

Construction within 1000 feet of an occupied residence, motel, hospital, or similar receptor shall be confined to the period beginning at 7:00 a.m. and ending at 8:00 p.m. Monday through Friday and from 7:00 a.m. to 5:00 p.m. on Saturday. No work of any kind shall be done on Sundays. These time restrictions shall not apply to maintenance or operation of safety and traffic-control devices such as barricades, signs, and lighting, or to construction of an emergency nature. However, starting up of equipment does apply.

FIRE HYDRANTS

Revise the first paragraph of Article 107.18 of the Standard Specifications to read:

The use of fire hydrants by the Contractor shall not be permitted. If water is needed, the Contractor shall make application to the proper authorities, and shall conform to the municipal ordinances, rules, or regulations concerning their use.

CLEAN CONSTRUCTION OR DEMOLITION DEBRIS

A soil analysis has been performed for this project and a completed IEPA LPC-663 form will be provided to the awarded Contractor for use for the disposal of material generated from this project. It is the Contractor's responsibility to locate and dispose of the material at a permitted CCDD facility in accordance with the criteria set forth in 35 Illinois Administrative Code (IAC) 1100 as amended on August 27, 2012.

If the desired CCDD facility requires additional sampling and testing, it is the Contractor's responsibility to provide the additional sampling and testing necessary for appropriate disposal. The Contractor shall not be compensated for the additional sampling, testing, or paperwork necessary as required by the CCDD facility. The cost will be included in the cost of the contract.

REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES (PROJECT SPECIFIC)

Description. This work shall consist of the removal and disposal of regulated substances according to Section 669 of the Standard Specifications as revised below.

Contract Specific Sites. The excavated soil and groundwater within the areas listed below shall be managed as either "uncontaminated soil", hazardous waste, special waste or non-special waste. For stationing, the lateral distance is measured from centerline and the farthest distance is the offset distance or construction limit, whichever is less.

Soil Disposal Analysis. When the waste material requires sampling for landfill disposal acceptance, the Contractor shall secure a written list of the specific analytical parameters and analytical methods required by the landfill. The Contractor shall collect and analyze the required number of samples for the parameters required by the landfill using the appropriate analytical procedures. A copy of the required parameters and analytical methods (from landfill email or on landfill letterhead) shall be provided as Attachment 4A of the BDE 2733 (Regulated Substances Final Construction Report). The price shall include all sampling materials and effort necessary for collection and management of the samples, including transportation of samples from the job site to the laboratory. The Contractor shall be responsible for determining the specific disposal facilities to be utilized; and collect and analyze any samples required for disposal facility acceptance using a NELAP certified analytical laboratory registered with the State of Illinois.

Site 1/16: Commercial Property, 850 and 870 North 1st Street, City of DeKalb, DeKalb County

- Station 10+40 to northern project limits (CL North 1st Street), 20 feet to 142 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(5). Contaminants of concern sampling parameters: Semi-VOCs (benzo-a-pyrene, Benzo(a)anthracene, Benzo(b)fluoranthene, and Dibenzo(a,h)anthracene, etc.)

Work Zones

Three distinct OSHA HAZWOPER work zones (exclusion, decontamination, and support) shall apply to projects adjacent to or within sites with documented leaking underground storage tank (LUST) incidents, or sites under management in accordance with the requirements of the Site Remediation Program (SRP), Resource Conservation and Recovery Act (RCRA), or Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), or as deemed necessary. For this project, the work zones apply for the following HLR-PESA Sites:

None

Additional information on the above Site is available from Hampton, Lenzini and Renwick, Inc.

TRENCH BACKFILL

Description. This work shall consist of the furnishing, placing, and mechanically compacting backfill for excavated trenches within paved areas. This work shall be in accordance with the applicable portions of Section 208 of the Standard Specifications, Section 20 of the Standard Specifications for Water and Sewer Construction in Illinois, the TRENCH BACKFILL detail contained in the plans, and the following.

Materials. All trench backfill in required locations shall be in accordance with Articles 1003.04(c) and 1004.05(c) of the Standard Specifications.

Construction Requirements. Selected granular backfill material shall be used where the trench is in existing or proposed pavements and for all trenches outside of existing or proposed pavements where the inner edge of the trench is within two (2) feet of the edge of the pavements, curb, gutter, curb and gutter, stabilized shoulder, or sidewalk. Where selected granular material is not required, suitable material excavated from the trench may be used.

Trench backfill shall also be used in the excavation around manholes, catch basins, inlets, valve vaults, and other appurtenances when any part of that excavation is within 2 feet of any existing or proposed pavement.

Backfilling shall be in accordance with Section 20 of the Standard Specifications for Water and Sewer Construction in Illinois, Method 1 only deposited in uniform layers not exceeding six (6) inches thick (loose material). Each layer shall be compacted to 90% of modified proctor. Locations where trenches cross the road or any other paved surface shall contain trench backfill that is brought up to existing grade in order to maintain vehicular or pedestrian access if needed. Removal of the top layer of trench backfill to install proposed paved features shall be included in the unit cost of this item.

Method of Measurement. This work will be measured for payment and the area computed in cubic yards in accordance with the details included in the plans.

Basis of Payment. This work will be paid for at the contract unit price per cubic yard for TRENCH BACKFILL.

TEMPORARY SIDEWALK PATCHING

Description. This work shall consist of replacing portions of existing sidewalk in areas removed due to the installation of the new water main. The work will ensure accessibility and usability of the existing sidewalk after the water main is installed. These patches shall be in accordance with ADA regulations and to the satisfaction of the Engineer.

Construction Requirements. The contractor shall have the choice of patching with minimum 4 inches depth of concrete with minimum 2 inches of compacted aggregate base or minimum 2 inches depth of asphalt surface with minimum 4 inches of compacted aggregate base.

Method of Measurement. This work will be measured in place and the area calculated in square feet.

Basis of Payment. This work will be paid for at the contract unit price per square foot for TEMPORARY SIDEWALK PATCHING which price will include all labor, material, equipment, and incidentals necessary to complete the work as described above

SIDEWALK REMOVAL

Description. This work shall be in accordance with applicable portions of Section 440 of the Standard Specifications and the following provisions:

Construction Requirements. All sidewalk removal shown on the plans shall be to the nearest joint or as according to the Engineer.

Any excavation required for the purposes of meeting ADA requirements, placing aggregate base course to the proper elevation and thickness, all form work, and placement of P.C.C. material for the proposed sidewalk should be considered included in the unit price for this item. Any excavated material shall be disposed of at a suitable offsite location.

Any damage to the existing sidewalk and driveways remaining in place due to forming methods or the removal operation shall be replaced to the satisfaction of the Engineer at the Contractor's own expense.

Method of Measurement. This work will be measured in place and the area calculated in square feet.

Basis of Payment. This work will be paid for at the contract unit price per square foot for SIDEWALK REMOVAL which price will include all labor, material, equipment, and incidentals necessary to complete the work as described above.

TRAFFIC CONTROL AND PROTECTION

Traffic Control shall be according to the applicable sections of the Standard Specifications, the Supplemental Specifications, the "Illinois Manual on Uniform Traffic Control Devices for Streets and Highways", any special details and Highway Standards contained in the plans, and the Special Provisions contained herein.

Special attention is called to Article 107.09 of the Standard Specifications and the following Highway Standards, Details, Quality Standard for Work Zone Traffic Control Devices, Recurring Special Provisions and Special Provision contained herein, relating to traffic control.

The Contractor shall notify the City of DeKalb Director of Utilities, Engineering & Transportation, 815-748-2050 or City of DeKalb Director of Streets & Facilities 815-748-2040, at least 72 hours in advance of beginning work.

STANDARDS:

701006-05, 701502-09, 701801-06, 701901-08, 704001-08

DUCTILE IRON WATER MAIN

Description. This work shall consist of furnishing and installing water main of the size and type specified along with any necessary fittings and pipe restraint. This work shall be in accordance with the applicable portions of the Standard Specifications, "Standard Specification for Water and Sewer Construction in Illinois", the details contained in the plans, and the following.

Materials. Materials shall be as follows:

1. Water mains and fittings shall be constructed of ductile iron pipe conforming to the following specifications:
 - a. Bell and spigot pipe: ANSI 21.51 (AWWA C151) Class 52.
 - b. Pit casted pipe shall not be allowed.
 - c. Pipe and fittings shall have an outside bituminous coating with an inside cement lining in accordance with ANSI A21.4 (AWWA C104) Specifications.
 - d. Shall have a rated working pressure of three hundred fifty (350) psi plus a surge allowance of one hundred (100) psi. Thickness design shall be in conformance with ANSI/AWWA C150 requirements.
2. Pipe joints shall be mechanical joint or push on joint ductile iron pipe and fittings in accordance with ANSI A21.11 (AWWA C111). Retainer glands shall be required on all fittings. Lengths of pipe restraint shall be determined from manufacturers installation specifications.

All water main pipe and fittings shall be stamped manufactured in the United States of America. The contractor shall submit catalog cuts for the water main pipe and fittings for approval by the Engineer before the start of construction.

All proposed ductile iron pipe shall be wrapped in a black, cross-laminated, linear low density polyethylene encasement a minimum of 8 mils thick. Polyethylene encasement materials and installation methods shall conform to ANSI/AWWA C105/A21.5, using "Method A" or "Method C" installation. Any rips or punctures in the encasement shall be repaired prior to backfilling of the pipe.

Thrust blocking shall be provided as designated in Section 41 of the Standard Specifications for Water and Sewer Construction in Illinois and shall be accomplished using a joint restraint system consisting of MEGALUG mechanical joint restraints, or approved equal, designed for the type of piping on which it shall be installed. Mechanical thrust restraint shall utilize multiple gripping wedges incorporated into a follower gland meeting the applicable requirements of ANSI/AWWA C110/A21.10-03. Preformed concrete block thrust blocking shall be provided at all bends greater than 10 degrees, at all mechanical joint connections, and at all fire hydrants.

A continuous, 10-gauge solid insulated copper tracer wire shall be installed along all water main and hydrant branch lines. The tracer wire shall be carefully placed along the top of the pipe and securely taped in three locations along the pipe prior to placing initial backfill. Any splices in the copper wire shall be soldered and fitted with an insulated watertight boot. Tracer wire shall be brought to grade at all fire hydrants along the outside of the hydrant barrel and terminated in a flush-type access box, and up the outside of all valve vaults. Wire connection to the access box shall have a minimum of 24" of slack to permit removal of the lid with the wire intact.

Testing. All construction and testing of the water main and related appurtenances shall conform to the applicable requirements of Section 41 of the Standard Specifications for Water and Sewer Construction in Illinois. The City Water Department shall be notified a minimum of forty-eight hours prior to the start of any testing. Testing shall take place for the entire length of water main constructed and shall consist of the following tests:

- Pressure Test
- Leakage Test
- Fire Service Test

The pressure and leakage tests for all water mains shall be conducted at a pressure of 150 psi. Tapped plugs with temporary flushing risers may be required for testing the water main. Proper blocking must be in place during testing. All water mains and appurtenances shall be tested at 150 psi for a two-hour period. The Contractor shall submit a map identifying all of the water main pressure tested, identifying multiple pressure tests if they are used.

The leakage test shall be completed in accordance with Section 41-2.14C of the Standard Specifications for Water and Sewer Construction in Illinois.

All testing shall be completed prior to the removal of the existing main. The Engineer shall be notified prior to the execution of any testing procedure. Should the Contractor fail to notify the Engineer, the tests shall be repeated under the Engineer's supervision at the Contractor's expense.

Disinfection. Disinfection of the water main shall conform to Section 41-2.15 of the Standard Specifications for Water and Sewer Construction in Illinois. The Engineer and the City shall be notified prior to any disinfection-related work. All water mains and appurtenances shall be disinfected before they are put into service. The installer is responsible for disinfecting the mains. After completion of the leakage testing, disinfection of the water main shall be in accordance with AWWA C651-99, Standard for Disinfection of Water Mains. Disinfection of the water main shall use the liquid chlorine form and the continuous feed method. 50ppm concentration at the start; 25ppm after 24 hours.

After final flushing of the disinfected water main, bacteriological testing shall be performed in accordance with AWWA C651-99 and the provisions of the Illinois Environmental Protection Agency Public Water Supply Construction Permit. The chlorine residual at the time of bacteriological testing shall not be in excess of that residual present at the points of connection to the existing system. The City may collect their own additional samples for verification of contractor's results. Original bacteriological test results from the testing laboratory, certified by the Illinois Department of Public Health, are to be submitted to the City. The Contractor shall also submit a map of the water main identifying all of the sample locations. All water mains must be shown to be free of bacterial contamination before being placed into service. Satisfactory disinfection is demonstrated when two consecutive water samples, collected at least twenty-four hours apart, indicate no bacterial contamination. The original test results, the sample location map, and the construction permit shall all be transmitted by the City to the Illinois Environmental Protection Agency for approval of the IEPA water main permit.

Cost to provide all disinfection and testing shall be included in the price of water main.

Construction Requirements. All water main components shall be installed to maintain a minimum depth of 5.5 feet below proposed finished grade to the top of pipe. Variations from these standards will require approval of the Engineer.

All water main and sewer horizontal and vertical separation shall conform to the latest version of the Standard Specifications for Water & Sewer Construction in Illinois. Reference to these standards should be made when it is impossible to meet separation requirements for casing pipe requirements. Where the proposed water main cannot maintain the required separation from the existing sanitary and storm sewers, the water main of the size and type specified shall be placed in a casing pipe which extends a minimum of ten feet to each side of the crossing or as specified in the plans.

Existing pipelines shall be properly supported during construction of the water main so that cracking and leakage or failure of the existing pipeline does not occur. Fittings (bends, tees, crosses, etc.) in all ductile iron pipe systems shall be restrained to prevent joint separation. Thrust restraint design shall be in accordance with the procedures of the AWWA Manual of Water Supply Practices - M41, Second Edition. Dead end water main ends with caps or plugs shall be mechanically restrained for three joints prior to the dead end in addition to concrete thrust blocking. Restraint harness for push-on bells of ductile iron pipe shall be used on all water main pipe joints within proposed encasement pipe.

Pipe bedding, haunching, and initial backfill shall be of gradation CA-6 from 4 inches below the pipe to a depth 12" above the top of pipe as shown on the detail for Rigid Pipe Installation included in the plans.

The contractor shall notify the Engineer of any planned shutdown of existing water mains a minimum of 48 hours in advance of this work to properly notify residents. Residents shall not be without water supply for a period lasting more than 4 hours at any given time. Water main shutdowns shall not occur without approval by the Engineer and proper notification to residents affected.

No new water main should be connected to the existing water main unless the new water main can be pressure tested separately. Connection to an existing water main shall be done by pressure connection only unless authorized by the Engineer. Pressure connection and valve shall be located within the valve vault. No pressure connection shall be within 3 feet of an existing water main joint. If a pressure connection cannot be done, a cut in sleeve and tee connection shall be used. All fittings shall be swabbed out with a chlorine solution of at least 50 mg/L as approved by the City of DeKalb Public Works Department.

Method of Measurement. Water main will be measured for payment in place in feet. The length measured will include stops fittings and valves.

Water main installed in casing pipe will be measured for payment in place in feet of water main pipe installed within the ends of water main encasement.

Basis of Payment. All of the above, including water main installed within casing pipe, will be paid for at the contract unit price per foot for DUCTILE IRON WATER MAIN, RESTRAINED JOINT PIPE of the diameter specified which price will include all fittings, polyethylene encasement, thrust blocking, tracer wire, tracer wire access boxes, testing, disinfection, cutting, and capping.

WATER MAIN ENCASEMENT

Description. This work shall consist of furnishing and installing casing pipe where water main crosses below the river. This work shall be in accordance with the applicable portions of the Standard Specifications for Water and Sewer Construction in Illinois, the details contained in the plans, and the following.

Materials. Water main encasement material shall be as shown on the plan details with a minimum inner diameter of 30". The water main shall be installed through the center of the encasement pipe using stainless steel casing spacers with plastic runners. Supports shall be spaced as shown on the plan details, or per manufacturer's recommendation.

Restraint harness for push-on bells of ductile iron pipe shall be used on all water main pipe joints within the proposed encasement pipe. The ends of the encasement pipe shall be sealed using a brick and mortar bulkhead to preclude entrance of foreign material into the encasement. The Contractor may install larger-diameter pipe than called for above, if they believe it would be beneficial to placement or pipe stability, at no extra cost.

Water main pipe installed within the encasement shall be done so by the auger or bore and jack method.

Basis of Payment. This work will be measured for payment in place in feet as STEEL CASING PIPE AUGERED AND JACKED, 30", which price shall include all casing pipe, lubricant, auger or jacking equipment, pit excavation and backfill, compaction, controls, and emergency mitigation measures.

The water main installed within the casing pipe will be paid for at the contract unit price per foot for DUCTILE IRON WATER MAIN, RESTRAINED JOINT PIPE of the diameter specified, which price will include the joint restraints.

The Contractor shall provide catalog cuts for all appurtenant items pertaining to WATER MAIN ENCASEMENT and DUCTILE IRON WATER MAIN, RESTRAINED JOINT PIPE prior to the start of construction for approval by the Engineer.

ABANDON EXISTING WATER MAIN

This work shall consist of abandoning portions of the existing water main at locations shown on the plans or as directed by the Engineer.

The abandoned water main shall be filled with flowable fill or grout and the ends capped with concrete mortar.

This work will be measured for payment in feet of existing water main abandoned.

This work shall be paid for at the contract unit price per foot for WATER MAIN TO BE ABANDONED of the specified diameter.

CUT AND CAP EXISTING WATER MAIN

Description. This work shall be done in accordance with the current edition of the Standard Specifications for Water and Sewer Construction in Illinois insofar as applicable and the following provisions. This work shall consist of "cutting and capping" existing water main at the locations shown on the plans or as directed by the Engineer.

Basis of Payment. This work will be included in the contract unit price for the various sizes of water main to be installed. The work will include all labor, equipment, trench backfill, and fittings to complete the work.

WATER MAIN REMOVAL

Description. This work shall consist of removing portions of the existing water main as shown on the plans or as directed by the Engineer. This work shall be done in accordance with the Standard Specifications for Water and Sewer Construction in Illinois insofar as applicable and the following provisions.

Construction Requirements. Existing water main pipe scheduled for removal shall be completely removed and disposed of by the Contractor. This work shall include dewatering (if necessary), excavating down to the existing water main, removal, disposal, backfilling the excavated trench, and all other labor, materials, and equipment necessary to complete the removal of the existing water main.

Trench Backfill shall be in accordance with the Trench Backfill special provisions herein.

Method of Measurement. This work will be measured for payment in feet of existing water main removed.

Basis of Payment. This work will be paid for at the contract unit price per foot for WATER MAIN REMOVAL of the diameter specified.

WATER VALVES

Description. This work shall consist of furnishing and installing valves in vaults, of the size and type specified. This work shall be in accordance with the applicable portions of the Standard Specifications for Water and Sewer Construction in Illinois, the details contained in the plans, and the following.

Materials. All water valves shall be in accordance with Section 42 of the Standard Specifications for Water and Sewer Construction in Illinois and meet the following requirements:

Type: Resilient Wedge Gate Valve
Size: 6" to 12" Diameter
Connections: Mechanical Joint per AWWA C111
Operating Nut: 2" Square – Open Left
Stem: Non-Rising Stem
Coating: Exterior Epoxy and Interior Epoxy Coating per AWWA C550
Seals: O-ring seals
Wedge: Solid iron encapsulated with rubber
Approved manufacturers and models include:
Mueller A2360-XX Resilient Wedge Gate Valve with MJ Ends
Clow ULFM – AWWA R/W Valve F-6100
Waterous RW AWWA C-509

All below grade factory installed bolts and fasteners shall be 304-grade stainless steel.

The Contractor shall provide catalog cuts for all appurtenant items pertaining to water valves prior to the start of construction for approval by the Engineer.

Basis of Payment. This work will be paid for at the contract unit price per each for WATER VALVES of the size specified, which price will include all labor, materials, and equipment necessary to complete this item in accordance with the plans and specifications.

VALVE VAULTS

Description. This work shall consist of furnishing and installing valve vaults, of the size and type specified. This work will be in accordance with the applicable portions of the Standard Specifications for Water and Sewer Construction in Illinois, the details contained in the plans, and the following.

Materials. Valve vaults shall be precast concrete meeting the requirements of Section 32-4 of the Standard Specifications for Water and Sewer Construction in Illinois and the details in the plans. Barrel sections shall be sealed using a butyl rubber or rubber strip. A maximum of 8-inches of adjusting rings shall be used. All valve vault structures shall have lids furnished with "WATER" cast into the top surface and contain a concealed pick hole. The valve shall be supported on concrete blocks. All wall penetrations shall be filled and finished smooth with non-shrink grout and barrel sections shall be sealed using a butyl rubber or rubber strip to form a water-tight seal.

Basis of Payment. This work will be paid for at the contract unit price per each for VALVE VAULTS of the size, type, and frame and grate specified, which price will include all labor, materials, and equipment necessary to complete this item in accordance with the plans and specifications.

CONNECTION TO EXISTING WATER MAIN

Description. This work shall consist of installing tapping connections of the proposed water main to the existing live water main at locations designated on the plans. This work shall be in accordance with the requirements of Section 46 of the Standard Specifications for Water and Sewer Construction in Illinois.

Materials. Tapping sleeves shall be ductile iron with mechanical joint connections meeting the following requirements:

- Outlet flange drilling complies with ASME/ANSI B16.42 class 150
- Certified ANSI/NSF 61
- Ductile Iron body with ¾" NPT test plug

All nuts, bolts and washers shall be Type 304 stainless steel or better. Tapping sleeves shall be rated with a working pressure of 150 psi and be capable of withstanding a test pressure of 225 psi. A test port shall be provided to facilitate pressure testing the apparatus prior to cutting the main.

All tapping connections shall be located within a precast concrete valve vault. Tapping valves shall meet the following criteria:

Tapping Valve – Valves shall meet the requirements of AWWA C509.
Type: Resilient Wedge Tapping Valve
Connections: Mechanical Joint x Flanged End
Operating Nut: 2" Square – Open Left
Stem: Non-Rising Stem
Coating: Interior and Exterior Epoxy Coating per AWWA C550
Seals: O-ring seals
Wedge: Solid iron encapsulated with rubber

Valve vaults shall be in accordance with the special provision for VALVE VAULTS.

The Contractor shall provide catalog cuts for all appurtenant items pertaining to tapping valves and valve vaults prior to the start of construction for approval by the Engineer.

Construction Requirements. All water taps shall require a minimum of 48 hours notice to the City Water Department prior to this work being performed. This item shall include making a permanent branch connection to the existing water main by performing a live tap of the existing pipe while in continuous service. This shall include preparation of the site and the existing pipe, furnishing, placement and set-up of the tapping sleeve, tapping valve, tapping machine and ancillary equipment, testing the equipment prior to making the tap and performing the tapping procedure.

The site of the proposed tap shall be excavated to the dimensions necessary to install and secure the tapping equipment and support the existing pipe. The tapping equipment shall be supported such that it does not impose any external load upon the existing pipe. The existing pipe shall be excavated around its full circumference to provide for placement of the tapping sleeve. The existing pipe shall be supported as required to compensate for the removed pipe bedding, haunch and backfill removed.

The Contractor shall be responsible for verifying the size and type of existing water main to be tapped prior to procuring the tapping sleeve. The full circumference of the outer surface of the existing main within the limits of the tapping sleeve shall be thoroughly cleaned. The outer surface of the existing watermain and the inner surface of the tapping sleeve and gasket shall be disinfected with a 1% chlorine solution prior to installation.

The complete apparatus, including the tapping sleeve, tapping valve, and tapping machine shall be pressure tested to 120 psi as a complete unit prior to cutting the main. Following completion of the pressure connection, the tapping sleeve and valve shall be placed within a valve vault. Trench backfill, consisting of CA-6, shall be placed, and compacted up to existing grade to maintain vehicular access in accordance with the provisions for Trench Backfill, Special.

Method of Measurement. Pressure connections will be measured per each pressure connection installed.

Valve Vaults will be measured separately in place per each.

Basis of Payment. This work will be paid for at the contract unit price per each for CONNECTION TO EXISTING WATER MAIN of the size specified which price will include all labor, equipment, materials, excavation, preparation, pipe supports, tapping sleeve, tapping valve, bedding, backfill and all ancillary materials and equipment. This will also include the use of the tapping machine, disposal of surplus materials and all testing.

Valve Vaults will be paid for separately per each according to the special provision for VALVE VAULTS.

CONCRETE TRUCK WASHOUT

Description. This work shall consist of providing and maintaining a concrete truck washout to contain concrete liquids when chutes of concrete trucks are rinsed out after delivery of concrete to the construction site. The washout facility functions to consolidate solids for disposal and prevent the runoff of liquids associated with concrete. The plans include details for constructing non-portable facilities.

General Requirements. The Contractor shall submit a plan for his/her proposed concrete truck washout facility to the Engineer for approval at least 10 days prior to the first concrete pour. The concrete truck washout facility shall be in place prior to any delivery of concrete to the construction site. The concrete truck washout shall be located at least 50 feet from storm drain structures, open drainage facilities, or water bodies. Each facility is to be located away from construction traffic or access areas to prevent disturbance or tracking. A sign shall be installed adjacent to each concrete truck washout to inform concrete equipment operators of the designated washout facility.

Design. Two types of concrete truck washout facilities are available for use on this project:

1. Prefabricated portable facilities as approved by the Engineer
2. Non-portable facilities
 - a. Above Grade: Constructed using barrier wall and polyethylene sheeting. Barrier walls are constructed to create a berm with a single sheet of 10-mil polyethylene sheeting which is free of holes, tears, or other defects which may compromise the impermeability of the material. Sandbags are used to hold the sheeting in place on top of the berm. Sheeting must extend over the entire basin and berm to prevent discharge of liquids or solids.
 - b. Below Grade: Constructed via excavation and the use of polyethylene sheeting and sandbags. A pit is first excavated at a designated location with a single sheet of 10-mil polyethylene sheeting which is free of holes tears, or other defects, which may compromise the impermeability of the material. Sandbags are placed around the perimeter to hold the sheeting in place to prevent discharge of liquids or solids.
3. Size of Concrete Truck Washouts: The number and size of the concrete truck washout facilities is to be determined by the Contractor. It is his/her responsibility to provide enough storage for the excess concrete and water produced from the construction activities.

Inspection, Maintenance and Removal.

1. Concrete truck washout facilities shall be inspected by the Engineer during his/her weekly erosion and sediment control inspection per the requirements of the SWPPP. The inspector is to ensure there are no leaks, spills, and the capacity of the facility has not yet been compromised.
2. Any overflowing of the concrete truck washout onto the ground shall be cleaned up and removed within 24 hours of discovery.
3. If a rain or snow event is forecasted, a non-collapsing, non-water collecting cover shall be placed over the concrete truck washout and secured to prevent accumulation and overflow of the facility.
4. Contents of each facility are not to exceed 75% of the design capacity. If contents reach 75% capacity, discontinue pouring concrete until the facility has been cleaned out.
5. The slurry shall be allowed to evaporate and then be removed from the site in a safe manner, for example with a vacuum truck. All hardened material shall be removed and disposed of properly.
6. If a lined facility is used, immediately replace the liner if it becomes damaged.
7. Remove the concrete truck washout facilities when they are no longer needed and restore the disturbed areas to their original condition.
8. The locations of these facilities and any changes to the locations shall be shown on the SWPPP.

Basis of Payment. This work will be paid for at the contract unit price per lump sum for CONCRETE TRUCK WASHOUT.

CHAIN LINK FENCE REMOVAL

Description. This work consists of the complete removal and disposal of existing chain link fence mesh, rails, posts, and post foundations. It includes work required to modify the ends of existing fences to remain.

Construction Requirements. Remove fence at the locations shown on the plans to the nearest existing fence post. If the post at the limits of removal is a line post, it shall be removed and replaced with a new terminal post and concrete footing. The mesh shall not be cut, it shall be unwoven from the end of the mesh to remain. The horizontal rails shall be cut at the location of the terminal post. Attach the mesh and rails to the terminal post using all required hardware, including brackets, clamps, bands, fabric ties, caps, and stretcher bars.

Materials. All fence posts and rails shall be Schedule 40 galvanized steel with diameters to match the existing installation, except terminal posts shall be 2 $\frac{3}{8}$ " diameter. All hardware shall be zinc-coated galvanized steel in accordance with AASHTO M232. Concrete footings shall be constructed with Class SI concrete, 12" diameter, 36" deep.

Basis of Payment. This work will be paid for at the contract unit price per foot for CHAIN LINK FENCE REMOVAL, which price will include all labor, materials, and equipment necessary to complete this item in accordance with the plans and specifications.

COMPLETION DATE PLUS WORKING DAYS

The Contractor shall complete all work required to replace the water main under the south branch of the Kishwaukee River by 10/31/2022. After the completion date, an additional fifteen working days will be allowed to complete the remainder of the work.

EXPLORATION TRENCH, SPECIAL

(Revised January 1, 2007)

This work shall consist of constructing a trench for the purpose of verifying clearances and locations of existing utilities and storm sewers. The exploration trench shall be constructed at the locations directed by the Engineer.

The depth of the trench shall be variable. The width of the trench shall be sufficient to allow proper investigation of the entire trench.

After the trench has been inspected by the Engineer. The excavated material shall be used to backfill the trench in a manner satisfactory to the Engineer. Any excess materials shall be disposed of according to Article 202.03 of the Standard Specifications.

This work will be paid for at the contract unit price per foot (meter) for EXPLORATION TRENCH, SPECIAL.

TEMPORARY INFORMATION SIGNING

(Effective: September 24, 2013, Revised July 31, 2020)

Description. This work shall consist of the furnishing, installation, maintenance, and removal of temporary information signs.

Materials. Materials shall be according to the applicable portions of Section 701 of the Standard Specifications and as shown on the plans.

Construction Requirements. The temporary information signs shall be in place at least one week prior to the beginning of construction activities that impact traffic flow and shall remain in place until the completion of the project. If all lanes are open for an extended period of time during the project the Contractor shall cover the signs until lane closures resume. If the project is shut down for the winter the signs shall read "Road Work Resumes Spring XXXX".

Signs shall be installed according to the requirements of Section 701.

Method of Measurement: The auxiliary sign panel will not be measured for payment.

Basis of Payment. This work will not be paid for separately but shall be included in the cost of the contract.



Hampton, Lenzini and Renwick, Inc.

Civil Engineers • Structural Engineers • Land Surveyors • Environmental Specialists
www.hltreengineering.com

ADDENDUM NO. 1

City of DeKalb
North First Street
Water Main Improvements

September 13, 2022

All Bidders shall acknowledge receipt of this addendum by signing below and returning this signed Addendum as part of the Bid Submittal package. FAILURE TO DO SO MAY SUBJECT THE BIDDER TO DISQUALIFICATION.

By signing below, the Contractor acknowledges receipt of this addendum and certifies that all information has been incorporated into his bid.

Respectfully submitted this _____ day of _____, 2022

Name of Firm

Printed Name of Signature

By: _____
Signature

Title

This addendum shall be included in and become part of the Contract Documents. The above referenced project documents issued for bid on September 02, 2022 are hereby modified as follows:

Project Documents

Question: Are soil boring logs available?

Response: Soil boring logs at the North First Street bridge are attached to this addendum.

Attachments

Soil Boring Logs (6 pages)

END OF ADDENDUM NO. 1



Midwest Testing Services, Inc.

3705 Progress Blvd.

Peru, IL 61354

BORING LOG

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Fax: 815-223-6659

e-mail: mts37@comcast.net

Sheet 1 of 3

Client: Hampton Lenzini and Renwick
 Project Name: North 1st Street
 Project Site: South Branch Kishwaukee River
DeKalb, Illinois

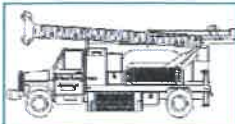
Boring No. B-1
 Surface Elev. 844.50
 Auger Depth 51ft Rotary Depth NA
 Start Date 01/09/21 Finish Date 01/09/21

Location: Centerline Station 10+52

| (DEPTH) *ELEV. | DESCRIPTION OF MATERIALS | Graphic Log | Depth in feet | SAMPLES | | | | | | DRILLED BY | |
|-------------------|---|----------------|------------------|------------|-------------|----------|-----------------|---------------|--------------|-------------------|---------|
| | | | | Sample No. | Sample Type | Qu (TSF) | N Value (Blows) | Bulge / Shear | Moisture (%) | Dry Density (PCF) | REMARKS |
| 844.50 | | | | | | | | | | | |
| 843.50 | 7.5" Bituminous 16" Aggregate | | 1 | | | | | | | | |
| 842.50 | | | 2 | | | | | | | | |
| 841.50 | | | 3 | 1 | SS | 1.3 | 10 | B | 16 | | |
| 840.50 | Stiff Black And Brown Clay (Fill) | | 4 | | | | | | | | |
| 839.50 | | | 5 | | | | | | | | |
| 838.50 | | | 6 | 2 | SS | 1.6 | 12 | B | 13 | | |
| 837.50 | | | 7 | | | | | | | | |
| 836.50 | | | 8 | 3 | SS | 1.1 | 8 | B | 15 | | |
| 835.50 | Stiff Brownish Clay Loam | | 9 | | | | | | | | |
| 834.50 | | | 10 | | | | | | | | |
| 833.50 | | | 11 | 4 | SS | 1.4 | 10 | S | 13 | | |
| 832.50 | | | 12 | | | | | | | | |
| 831.50 | Medium Brown Fine Sand And Gravel | | 13 | 5 | SS | --- | 13 | --- | --- | | Water |
| 830.50 | | | 14 | | | | | | | | |
| 829.50 | | | 15 | | | | | | | | |
| 828.50 | | | 16 | 6 | SS | 2.1 | 12 | B | 13 | | |
| 827.50 | Very Stiff Pink To Brownish Gray Clay Till | | 17 | | | | | | | | |
| 826.50 | | | 18 | 7 | SS | 2.1 | 13 | B | 13 | | |
| 825.50 | | | 19 | | | | | | | | |
| 824.50 | | | 20 | 8 | SS | 2.0 | 13 | B | 12 | | |

Groundwater Data: Static Water Table After Auger Removal Elevation 818.0

Comments:



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3705 Progress Blvd.

Peru, IL 61354

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e-mail: mts37@comcast.net

Sheet 2 of 3

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 Project Name: North 1st Street
 Project Site: South Branch Kishwaukee River
DeKalb, Illinois

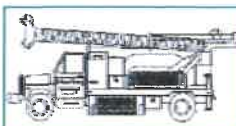
Boring No. B-1
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| | | | | Sample No. | Sample Type | Qu (TSF) | N Value (Blows) | Bulge / Shear | Moisture (%) | Dry Density (PCF) | REMARKS | |
| 823.50 | | | | | | | | | | | Jeff Safranski Diedrich D-50 Turbo | |
| 822.50 | 7.5" Bituminous 16" Aggregate | | 22 | | | | | | | | | |
| 821.50 | Very Stiff Brownish Gray Clay Till | | 23 | 9 | SS | 2.2 | 12 | B | 12 | | | |
| 820.50 | | | 24 | | | | | | | | | |
| 819.50 | | | 25 | | | | | | | | | |
| 818.50 | | | 26 | 10 | SS | 2.4 | 13 | B | 12 | | | |
| 817.50 | | | 27 | | | | | | | | | |
| 816.50 | | | 28 | 11 | SS | 2.5 | 13 | B | 11 | | | |
| 815.50 | | | 29 | | | | | | | | | |
| 814.50 | Very Stiff Gray And Brownish Gray Clay Till | | 30 | | | | | | | | | |
| 813.50 | | | 31 | 12 | SS | 3.0 | 17 | S | 10 | | | |
| 812.50 | | | 32 | | | | | | | | | |
| 811.50 | | | 33 | | | | | | | | | |
| 810.50 | | | 34 | | | | | | | | | |
| 809.50 | | | 35 | | | | | | | | | |
| 808.50 | | | 36 | 13 | SS | 2.7 | 16 | B | 12 | | | |
| 807.50 | | | 37 | | | | | | | | | |
| 806.50 | | | 38 | | | | | | | | | |
| 805.50 | | | 39 | | | | | | | | | |
| 804.50 | | | 40 | | | | | | | | | |
| 803.50 | | | 41 | 14 | SS | 2.5 | 15 | B | 11 | | | |

Groundwater Data: Static Water Table After Auger Removal Elevation 818.0

Comments:



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Sheet 3 of 3

Client: Hampton Lenzini and Renwick
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 Project Site: South Branch Kishwaukee River
DeKalb, Illinois

Boring No. B-1
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| | | | | Sample No. | Sample Type | Qu (TSF) | N Value (Blows) | Bulge / Shear | Moisture (%) | Dry Density (PCF) | REMARKS |
| 802.50 | | | | | | | | | | | |
| 801.50 | 7.5" Bituminous 16" Aggregate | | 43 | | | | | | | | |
| 800.50 | | | 44 | | | | | | | | |
| 799.50 | | | 45 | | | | | | | | |
| 798.50 | Very Stiff Brownish Gray Clay Till | | 46 | 14 | SS | 2.6 | 14 | B | 12 | | |
| 797.50 | | | 47 | | | | | | | | |
| 796.50 | | | 48 | | | | | | | | |
| 795.50 | | | 49 | | | | | | | | |
| 794.50 | | | 50 | | | | | | | | |
| 793.50 | | | 51 | 15 | SS | 2.4 | 14 | B | 12 | | |
| 792.50 | Bottom OF Boring | | 52 | | | | | | | | |
| 791.50 | | | 53 | | | | | | | | |
| 790.50 | | | 54 | | | | | | | | |
| 789.50 | | | 55 | | | | | | | | |
| 788.50 | | | 56 | | | | | | | | |
| 787.50 | | | 57 | | | | | | | | |
| 786.50 | | | 58 | | | | | | | | |
| 785.50 | | | 59 | | | | | | | | |
| 784.50 | | | 60 | | | | | | | | |
| 783.50 | | | 61 | | | | | | | | |
| 782.50 | | | 62 | | | | | | | | |

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Sheet 1 of 3

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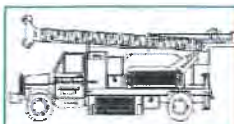
Boring No. B-2
 Surface Elev. 844.20
 Auger Depth 51ft Rotary Depth NA
 Start Date 01/09/21 Finish Date 01/09/21

Location: Centerline Station 9+52

| (DEPTH) *ELEV. | DESCRIPTION OF MATERIALS | Graphic Log | Depth in feet | SAMPLES | | | | | | DRILLED BY | |
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| | | | | Sample No. | Sample Type | Qu (TSF) | N Value (Blows) | Bulge / Shear | Moisture (%) | Dry Density (PCF) | REMARKS |
| 844.20 | | | | | | | | | | | |
| 843.20 | 7.5" Bituminous 16" Aggregate | | 1 | | | | | | | | |
| 842.20 | | | 2 | | | | | | | | |
| 841.20 | Stiff Black & Brown Clay Fill | | 3 | 1 | SS | 1.7 | 11 | B | 16 | | |
| 840.20 | | | 4 | | | | | | | | |
| 839.20 | | | 5 | | | | | | | | |
| 838.20 | | | 6 | 2 | SS | 2.1 | 9 | B | 15 | | |
| 837.20 | | | 7 | | | | | | | | |
| 836.20 | Stiff Gray And Brownish Gray Clay | | 8 | 3 | SS | 1.4 | 9 | B | 18 | | |
| 835.20 | | | 9 | | | | | | | | |
| 834.20 | | | 10 | | | | | | | | |
| 833.20 | | | 11 | 4 | SS | 1.6 | 9 | B | 15 | | |
| 832.20 | | | 12 | | | | | | | | |
| 831.20 | | | 13 | 5 | SS | --- | 16 | --- | --- | | Water |
| 830.20 | | | 14 | | | | | | | | |
| 829.20 | Medium Brown Fine to Coarse Gravel | | 15 | | | | | | | | |
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| 826.20 | | | 18 | 7 | SS | 2.3 | 14 | B | 11 | | |
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Groundwater Data: Static Water Table After Auger Removal Elevation 818.0

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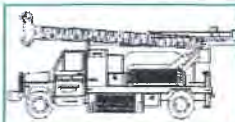
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| 820.20 | | | 24 | | | | | | | | | |
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| 818.20 | | | 26 | 10 | SS | 2.5 | 14 | B | 12 | | | |
| 817.20 | | | 27 | | | | | | | | | |
| 816.20 | | | 28 | 11 | SS | 2.8 | 14 | B | 12 | | | |
| 815.20 | | | 29 | | | | | | | | | |
| 814.20 | | | 30 | | | | | | | | | |
| 813.20 | | | 31 | 12 | SS | 3.1 | 21 | S | 10 | | | |
| 812.20 | | | 32 | | | | | | | | | |
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| 805.20 | | | 39 | | | | | | | | | |
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Sheet 3 of 3

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Dekalb, Illinois

Boring No. B-2
 Surface Elev. 844.20
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 Start Date 01/09/21 Finish Date 01/09/21

Location: Centerline Station 9+52

| (DEPTH) ELEV. | DESCRIPTION OF MATERIALS | Graphic Log | Depth in feet | SAMPLES | | | | | | DRILLED BY | |
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| 801.20 | 7.5" Bituminous 16" Aggregate | | 43 | | | | | | | | |
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| 798.20 | | | 46 | 14 | SS | 2.5 | 15 | B | 12 | | |
| 797.20 | | | 47 | | | | | | | | |
| 796.20 | | | 48 | | | | | | | | |
| 795.20 | | | 49 | | | | | | | | |
| 794.20 | | | 50 | | | | | | | | |
| 793.20 | | | 51 | 15 | SS | 2.4 | 14 | B | 12 | | |
| 792.20 | Bottom Of Boring | | 52 | | | | | | | | |
| 791.20 | | | 53 | | | | | | | | |
| 790.20 | | | 54 | | | | | | | | |
| 789.20 | | | 55 | | | | | | | | |
| 788.20 | | | 56 | | | | | | | | |
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| 785.20 | | | 59 | | | | | | | | |
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Comments: