

Memorandum



To: Mark Gaffino, Village President & Board of Trustees
Cc: Steven Bosco, Village Administrator
From: Brandon Tonarelli, Assistant Public Works Director / Village Engineer
Date: February 25, 2025
Re: Award Bid for Aspen Court Water Main Improvement Project

The scope of the project includes the replacement of the water main on Aspen Court that has experienced a number of water leaks caused by corrosion. The new water main will be Zinc Coated Ductile Iron water main, which the zinc coating serves as corrosion control, leading to a longer expected lifespan for the water main.

The concrete and pavement restoration for this project is included in the Village’s 2025 Road Program as Aspen Court is due to be resurfaced.

On February 19, 2025, eight sealed bids were received for the Aspen Court Water Main Improvement Project. A summary of the bid is below.

COMPANY	AS CALCULATED BID AMOUNT
J & S Construction Sewer and Water, Inc.	\$212,780.00
Performance Construction & Engineering	\$270,770.00
Stokes Excavating, Inc.	\$298,010.00
H. Linden & Sons Sewer & Water	\$314,621.00
Mauro Sewer Construction, Inc.	\$319,653.00
Conley Excavating Inc.	\$379,125.75
Stark and Son Trenching Inc.	\$388,430.00
Fox Excavating Inc.	\$393,350.00

J & S Construction Sewer and Water, Inc. (Oswego, IL) was the low bidder in the amount of \$212,780.00. The project will be paid from the water fund. The fiscal year budget has \$150,000 budgeted in the water fund. Though the total project is more expensive than originally budgeted, there is a sufficient fund balance to support the expenditure.

Village staff designed the improvement project and will be performing the construction inspection and administration of this project in house.

J & S Construction Sewer and Water, Inc. has successfully completed projects in the Village of North Aurora in the past. Village staff is recommending the award of the bid to J & S Construction Sewer and Water, Inc. in the amount of \$212,780.00.

SPECIFICATIONS AND CONTRACT DOCUMENTS
ASPEN COURT WATER MAIN IMPROVEMENT PROJECT

Required For Use By: Public Works Department

VILLAGE OF NORTH AURORA
North Aurora, Illinois 60542

- **CONTRACTOR'S CERTIFICATION - BID PROPOSAL - PAGE #20**
 - ** MUST BE EXECUTED AND NOTARIZED ****
- **ALL SIGNATURES TO BE SWORN BEFORE A NOTARY PUBLIC**
 - **ALL INSURANCE REQUIREMENTS MUST BE MET**

CONTRACT PERIOD: March 2025- June 2025

BID DEPOSIT: **5% of Bid Amount** (See Page 4, Item 7)
(Bank Cashier's Check or Bid Bond)

BOND REQUIRED: Performance Bond (100% of Contract) (See page 4, Item 8)
Payment Bond (100% of Contract) (See page 4, Item 8)

BID OPENING - DATE/TIME/LOCATION: **Wednesday, February 19, 2025** **10:00 a.m.**
VILLAGE HALL
25 East State Street
North Aurora, Illinois 60542

Issued by: Public Works Department
Village of North Aurora, Illinois
25 East State Street
North Aurora, Illinois 60542
(630) 897-8228



Advertisement for Bids

The Village of North Aurora will receive sealed bids for the Aspen Court Water Main Improvement Project. The bids will be received at the North Aurora Village Hall, 25 East State Street, North Aurora, Illinois 60542 until 10:00 a.m. local time on Wednesday, February 19, 2025. At this time and date, the bids will be publicly opened and read aloud. All bids must be addressed as follows:

SEALED BID

Contractor Name

Contractor Address

Contractor Phone Number

Re: Aspen Court Water Main Improvement Project

Designated Date of Bid Opening

Hour Designated for Bid Opening

Village of North Aurora

Attn: Brandon Tonarelli

Assistant Public Works Director / Village Engineer

25 East State Street

North Aurora, IL 60542

The bid packet can be downloaded, free of charge, at the Village's website <http://northaurora.org/government/rfp-rfq-bidding.aspx> or can be picked up at 25 East State Street, North Aurora, IL 60542 beginning Friday, January 31, 2025.

Each bid must be accompanied by a Bid Guarantee in the form of a Bid Bond from a company with an A-1 best rating, or a cashier's check in the amount of five percent (5%) of the total bid and made payable to the Village of North Aurora, 25 East State Street, North Aurora, Illinois, 60542. The Village of North Aurora reserves the right to reject any or all bids and to waive irregularities and informalities in the bids received.

All applicable laws, ordinances, and the rules and regulations of all authorities having jurisdiction over construction of the Project shall apply to the contract throughout including the (820 ILCS 130/0.01) Illinois Prevailing Wage Act (Ill. Rev. Stat. Ch. 48, Sects 39s-1-12) and the (30 ILCS 570/) Illinois Preference Act (Ill. Rev. Stat. Ch. 48, Sects. 2201-2207) and an Apprenticeship Training Program certified by the USDOL.

I. GENERAL CONDITIONS

1. DEFINITIONS

The following words and phrases, as used herein, shall have the meaning ascribed to them, as follows:

A. BIDDER shall mean:

B. VILLAGE shall mean the Village of North Aurora, Kane County, Illinois, an Illinois Municipal Corporation.

2. PREPARATION AND SUBMISSION OF BID PROPOSAL

The Bidder must submit his/her proposal in duplicate on the forms furnished by the Village of North Aurora. All blank spaces on the proposal form must be filled in if applicable. Authorized signature must be the individual owner of a proprietorship, a general partner of a partnership or a duly authorized officer, attested to by the Corporate Secretary, of a Corporation. The proposal is contained in these documents and must remain attached thereto when submitted. All signatures and spaces are to be completed in ink or typewritten, where applicable. Prices/costs shall be in United States dollars. Incorrect completion, execution or submission of bids shall be sufficient grounds for rejection of a bid. **The following documents shall be executed at the time of submission of a bid:**

- **BID PROPOSAL PAGES #18-19**
- **CONTRACTOR'S CERTIFICATION BID PROPOSAL - PAGE #20**
- **CONTRACTOR BID AGREEMENT PAGE #22**
- **APPRENTICESHIP OR TRAINING PROGRAM CERTIFICATION PAGE #23**

ALL PROPOSALS SHALL BE SUBMITTED IN SEALED ENVELOPES CARRYING THE FOLLOWING INFORMATION ON THE FACE:

CONTRACTOR NAME, ADDRESS, PHONE NUMBER, SUBJECT MATTER OF BID, DESIGNATED DATE OF BID OPENING AND HOUR DESIGNATED FOR BID OPENING.

3. ADDENDA

All addenda require signature and are to be included in the sealed bid. The Village will make every effort to make all bidders aware of addenda as they are issued, however, it is the responsibility of the bidder to check the web site for addenda, sign, print, and include them in the sealed bid. Addenda will be issued as needed up to 48 hours in advance of the bid opening and will be available on the Village's website.

4. QUESTIONS

All questions must be submitted in writing 72 hours in advance of the bid opening by contacting Brandon Tonarelli htonarelli@northaurora.org via email with the subject line "Aspen Court Water Main Improvement Project Bid".

A questions and answers sheet will be issued as needed up to 48 hours in advance of the bid opening and will be available on the Village's website.

5. WITHDRAWAL OF BID PROPOSAL

Bidders may withdraw their bids at any time prior to the time specified in the Bid Notice as the closing time for the receipt of bids.

However, no bid shall be withdrawn or cancelled for a period of ninety (90) calendar days after said advertised closing time for the receipt of bids, nor shall the successful bid be withdrawn, cancelled, or modified after having been accepted by the Village.

6. SUBMISSION OF ALTERNATE BIDS

Bidder may submit alternate bids provided that:

- Cash bid proposals meet Village Specifications and are submitted separately.
- The Village shall not consider an alternate bid which fails to meet specifications.

7. BID DEPOSIT

When required on Page 1 of these Specifications, all bids shall be accompanied by a bid deposit in the amount specified. Bid deposits shall be in the form of a bank cashier's check drawn on a responsible bank doing business in the United States and shall be made payable to the Village of North Aurora, letter of credit, or bid bond.

The bid deposit of all except the three lowest bidders on each contract will be returned after the opening of the bids. The remaining bid deposits on each contract will be returned, with the exception of the accepted Bidder, after the contract is awarded. The bid deposit of the accepted Bidder will be returned after acceptance by the Village of satisfactory performance bond where such bond is required or completion of contract where no performance bond is required.

8. SECURITY FOR PERFORMANCE

When required on Page 1 of these Specifications, the successful Bidder or Bidders shall, within thirteen (13) calendar days after acceptance of the bid by the Village, furnish a performance bond and a payment bond in the full amount of the contract, in a form acceptable to the Village.

In the event that the successful Bidder(s) fails to furnish the performance bond and payment bond within thirteen (13) calendar days after acceptance of the bid by the Village, then the bid deposit of the successful Bidder shall be retained by the Village as liquidated damages and not as a penalty, it being agreed by the successful Bidder that said sum is a fair estimate of the amount of damages that said Village will sustain due to the successful Bidder's failure to furnish said bond.

9. EQUIVALENT PRODUCTS

In cases where a specified item is identified by a manufacturer's name, trade name or other reference, it is understood that the Bidder proposes to furnish the item as identified. If the Bidder proposes to furnish an "equal" item, the proposed "equal" item must be so indicated in the bid proposal. The Village shall be the sole determiner of the equivalence of the substitute offered.

10. BASIS OF AWARD

The Village reserves the right to accept or reject any and all bids, in whole or in part, and to waive technicalities.

11. ACCEPTANCE OF BID

The Village shall make its determination with respect to bids within ninety (90) days from the date of opening of bids. Should the Village fail to act within the times herein specified, all bids shall be rendered null and void.

12. SUBLETTING OR ASSIGNMENT OF CONTRACT OR CONTRACT FUNDS

No contract awarded by the Village of North Aurora shall be assigned, in whole or in part, or any part of the same sub-contracted unless designated on page 20 of this document. Sub-contractors added after the opening of the bid require the written consent of the Public Works Director or his designee. In no case shall such consent relieve the successful Bidder from his/her obligations or change the terms of the contract.

Any and all subcontractors shall be bound by contract to the same terms as the successful Bidder. Prior to commencing any work, subcontractors must place on file with the Village a certificate of insurance as outlined under "insurance".

The successful Bidder shall not transfer or assign any contract funds or claims due or to become due without the written approval of the Village Administrator having first been obtained.

13. COMPETENCY OF BIDDER

No bid shall be accepted from, or contract awarded to, any person, firm or corporation that is in arrears or is in default to the Village of North Aurora upon any debt contract, or other obligation or who has failed to perform faithfully any previous contract with the Village.

The Bidder, if required, must present within forty-eight (48) hours evidence satisfactory to the Village of performance ability, possession of necessary facilities, equipment, pecuniary resources and adequate insurance to comply with the terms of these specifications and contract documents. The Village hereby reserves the right to reject any bid submitted by a Bidder who, in the sole and exclusive discretion of the Village, cannot completely perform the services or deliver the goods specified in these specifications.

14. COMPLIANCE WITH OSHA STANDARDS, THE AMERICANS WITH DISABILITIES ACT, VILLAGE ORDINANCES AND STATE LAWS

The equipment supplied to the Village of North Aurora must comply with all requirements and standards as specified by the Occupational Safety and Health Act. All guards and protectors as well as appropriate markings will be in place before delivery. Items not meeting any OSHA specifications will be refused.

Each contracting agency shall ensure that every contract to which it is a party shall comply with all relevant aspects of the Americans with Disabilities Act.

The Contractor shall fully comply with all provisions of the *(820 ILCS 130/0.01) Illinois Prevailing Wage Act (Ill. Rev. Stat. Ch. 48, Sects 39s-1-12), (30 ILCS 570/)*the *Illinois*

Preference Act (Ill. Rev. Stat. Ch. 48, Sects. 2201-2207), and the (820 ILCS 265/) Substance Abuse Prevention on Public Works Projects Act wherein the Act provides that no employee of the contractor or subcontractor working on this project may use, possess, distribute, deliver, or be under the influence of a drug, or use or be under the influence of alcohol, while performing work on a public works project. Additionally, the contractor is to maintain at all times and provide a copy upon request of a written program which meets or exceeds the program requirements of this Act.

The Contractor shall strictly comply with all applicable Federal, State, and Local laws, ordinances, rules, regulations and applicable standards for the duration of the Village's working relationship with the Contractor.

Any public works contract under the purview of the Illinois Prevailing Wage Act that is over \$25,000 shall only be awarded to a contractor who is enrolled in a Joint Apprenticeship Training Program that is registered and certified with the United States Department of Labor, Bureau of Apprenticeship and Training.

15. MATERIAL INSPECTION AND RESPONSIBILITY

The Village shall have a right to inspect any material to be used in carrying out this contract. The Village does not assume any responsibility for the availability of any materials and equipment required under this contract.

16. TOXIC SUBSTANCES

Successful Bidder shall notify the Village of, and provide material safety data sheets for all substances used or supplied in connection with this contract which are defined as toxic under the Illinois Toxic Substances Disclosure to Employees Act.

Materials, components, or completed work not complying therewith, may be rejected by the Village and shall be replaced by the successful Bidder at no cost to the Village. Any materials or components rejected shall be removed within a reasonable time from the premises of the Village at the expense of the successful Bidder.

17. PRICE REDUCTIONS

If at any time after a contract is awarded the successful Bidder(s) makes a general price reduction in the comparable price of any material covered by the contract to customers generally, an equivalent price reduction based on similar quantities and/or considerations shall apply to the contract for the duration of the contract period (or until the price is further reduced). Such price reduction shall be effective at the same time and in the same manner as the reduction in the price to customers generally. For the purpose of this provision, a "general price reduction" shall mean any horizontal reduction in the price of an article or service offered (1) to successful Bidder's customers generally, or (2) in the successful Bidder's price schedule for the class of customers, i.e., wholesalers, jobbers, retailers, etc., which was used as the basis for bidding on this contract. An occasional sale at a lower price, or sale of distressed merchandise at a lower price, would not be considered a "general price reduction" under this provision. The successful Bidder shall invoice the Village at such reduced prices indicating on the invoice that the reduction is pursuant to the "price reduction" provision of this contract. The successful Bidder, in addition, shall within ten (10) days of any general price reduction, notify the Village Administrator of such reduction by letter. Failure to do so may result in termination of the contract.

18. TERMINATION OF CONTRACT

- A. The Village may, by written notice of default to the successful Bidder, terminate the whole or part of this contract in any one of the following circumstances:
 1. If the successful Bidder fails to make delivery of the supplies or to perform the services within the time specified herein or any extension thereof; or fails to provide

the supplies or to perform the service at the exact price accepted by the Village (and any charges for contract changes mutually agreed to by the Village and the successful Bidder); or

2. If the successful Bidder fails to perform any of the other provisions of this contract, or so fails to make progress as to endanger performance of this contract in accordance with its terms, and in either of these two circumstances does not cure such failure within such period of time as the Village Administrator may direct in writing.
3. If it is determined that successful Bidder knowingly falsified information provided to the Village.
4. If it is determined that successful Bidder offered substantial gifts or gratuities to a Village official, employee, or agent whether in their official capacity or not.
5. Any order is entered in any proceeding against the successful Bidder decreeing the dissolution of the successful Bidder and such order remains in effect for sixty (60) days.
6. The successful Bidder shall apply to any tribunal for the appointment of a trustee or receiver of any part of the assets of the successful Bidder, or commence any proceedings relating to the successful Bidder under any bankruptcy, reorganization, arrangement, insolvency, readjustment of debt, dissolution or other liquidation law of any jurisdiction, or any such application shall be filed, or any such proceedings shall be commenced, against the successful Bidder, and the successful Bidder indicates its approval, consent or acquiescence, or an order shall be entered appointing such trustee or receiver or adjudicating the successful Bidder bankrupt or insolvent, or approving the petition in any such proceeding, and such order remains in effect for sixty (60) days.

- B. In the event the Village terminates this contract in whole or in part as provided in Paragraph (A) of this clause, the Village may procure, upon such terms in such manner as the Village Administrator may deem appropriate, supplies or services similar to those so terminated, and the successful Bidder shall be liable to the Village for any excess costs for such similar supplies or service, provided that the successful Bidder shall continue the performance of this contract to the extent not terminated under the provisions of this clause.

19. EQUAL EMPLOYMENT OPPORTUNITY

Each contracting agency shall ensure every contract to which it is a party shall contain the following clause.

EQUAL EMPLOYMENT OPPORTUNITY

In the event of the contractor's non-compliance with the provisions of this equal employment opportunity clause, the Illinois Human Rights Act or the Rules and Regulations of the Illinois Department of the Human Rights ("Department"), the Contractor may be declared ineligible for future contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations, and the contract may be cancelled or voided in whole or in part, and such other sanctions or penalties may be imposed or remedies invoked as provided by statute or regulation. During the performance of this contract, the contractor agrees as follows:

1. That it will not discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual orientation, marital status, order of protection status, national origin or ancestry, citizenship status, age, physical or mental disability unrelated to ability, pregnancy, military status, or an unfavorable discharge from the

military service; and further that it will examine all job classifications to determine if minority persons or women are underutilized and will take appropriate affirmative action to rectify any such underutilization.

2. That, if it hires additional employees in order to perform this contract or any portion thereof, it will determine the availability (in accordance with the department's rules and regulations) of minorities and women in the area(s) from which it may reasonably recruit and it will hire for each job classification for which employees are hired in such a way that minorities and women are not underutilized.
3. That, in all solicitations or advertisements for employees placed by it or on its behalf, it will state that all applicants will be afforded equal opportunity without discrimination because of race, color, religion, sex, sexual orientation, marital status, order of protection status, national origin or ancestry, citizenship status, age, physical or mental disability unrelated to ability, pregnancy, military status, or an unfavorable discharge from military service.
4. That it will send to each labor organization or representative of workers with which it has or is bound by a collective bargaining or other agreement or understanding, a notice advising such labor organization or representative of the contractor's obligations under the Illinois Human Rights Act and the Department's Rules and Regulations.

If any such labor organization or representative fails or refuses to cooperate with the contractor in its efforts to comply with such act and rules and regulations, the contractor will promptly so notify the department and the contracting agency and will recruit employees from other sources when necessary to fulfill its obligations thereunder.

5. That it will submit reports as required by the department's rules and regulations, furnish all relevant information as may from time to time be requested by the department or the contracting agency, and in all respects comply with the Illinois Human Rights Act and the Department's rules and regulations.
6. That it will permit access to all relevant books, records, accounts, and work sites by personnel of the contracting agency and the department for purposes of investigation to ascertain compliance with the Illinois Human Rights Act and the Department's rules and regulations.
7. That it will include verbatim or by reference the provisions of this clause in every subcontract it awards under which any portion of the contract obligations are undertaken or assumed, so that such provisions will be binding upon such subcontractor. In the same manner as with other provisions of this contract, the contractor will be liable for compliance with applicable provisions of this clause by such subcontractors; and further it will promptly notify the contracting agency and the department in the event any subcontractor fails or refuses to comply therewith. In addition, the contractor will not utilize any subcontractor declared by the Illinois Human Rights Commission to be ineligible for contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations.

SUBCONTRACTS

Each public subcontractor shall in turn include the equal employment opportunity clause set forth within these rules and regulations in each of its subcontracts under which any portion of

the contract obligations are undertaken or assumed, said inclusion to be either verbatim or by reference so that the provisions of the clause will be binding upon such subcontractors.

CONTRACTS OR SUBCONTRACTS WITH RELIGIOUS ENTITIES

The requirements of the equal employment clause set forth above with respect to non-discrimination because of religion shall not apply to a religious corporation, association, educational institution or society with respect to the employment of individuals of a particular religion for the carrying on by such corporation, association, educational institution or society of its activities.

20. INSURANCE SPECIFICATIONS

- A. The successful Bidder **shall not commence work** under the contract until he/she has obtained all insurance required herein and such insurance has been approved by the Village.
- B. The successful Bidder shall maintain limits no less than:

<u>TYPE OF INSURANCE</u>	<u>MINIMUM INSURANCE COVERAGE</u>
<u>COMMERCIAL GENERAL LIABILITY</u>	
1. Comprehensive Form	COMBINED SINGLE LIMIT PER OCCURRENCE FOR BODILY INJURY AND PROPERTY DAMAGE
2. Premises - Operations	
3. Explosion & Collapse Hazard	\$1,000,000
4. Underground Hazard	PERSONAL INJURY PER OCCURRENCE
5. Products/Completed Operations Hazard	
6. Contractual Liability Coverage Included	\$1,000,000
7. Broad Form Property Damage - construction projects only.	GENERAL AGGREGATE
8. Independent contractors	
9. Personal Injury	
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Business Automobile Liability Any Auto, Owned, Non-Owned Rented/Borrowed	COMBINED SINGLE LIMIT PER OCCURRENCE FOR BODILY INJURY AND PROPERTY DAMAGE \$1,000,000
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Worker's Compensation and Occupational Diseases	STATUTORY LIMIT
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Employer's Liability Insurance per Occurrence	\$1,000,000
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Coverage shall be at least as broad as (1) Insurance Services Office Commercial General Liability occurrence form CG 0001 with the Village, its trustees, officials, and employees named as additional insured on a ISO Additional Insured Endorsement form CG2010 or CG2026; Primary and non-contributory ISO Endorsement: CG2001 04 13; and the Village of North Aurora named as Cancellation Notice Recipient (2) if requested, Owners and Contractors Protective Liability policy with the Village named as insured; (3) Insurance Services Office Business Auto Liability form number CA 0001 (Ed. 10/90 or newer), Symbol 01 "Any Auto"; and (4) Workers Compensation as required by the Labor Code of the State of Illinois and Employers' Liability insurance. Owners, partners, and officers of the contractor must be covered by Workers Compensation Coverage if they are participating in the project.

Insurance coverages shall be primary as respects VILLAGE, its officials, agents, employees and volunteers. Any deductibles or self-insured retentions must be declared to and approved by the Village. At the option of the Village, either: the insurer shall reduce or eliminate such deductibles

or self-insured retention as respects the Village, its officials, agents, employees, and volunteers; or the Contractor shall procure a bond guaranteeing payment of losses and related investigation, claim administration and defense expenses.

The Contractor shall furnish the Village with certificates of insurance naming the Village, its officials, agents, employees and volunteers as additional insureds, and with original endorsements effecting coverage required prior to commencement of any work. The certificates and endorsements for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf and shall be in a form acceptable to the Village. The insurance afforded by the policy shall not be suspended, voided, canceled, reduced in coverage or in limits except after prior written notice by certified mail return receipt requested has been given to the Village. VILLAGE shall be endorsed to the policies as a Cancellation Notice Recipient. Such notice shall be addressed as shown in the heading of the endorsement.

- C. In the event of accidents of any kind, the successful Bidder shall furnish the Village with copies of all reports of such accidents at the same time that the reports are forwarded to any other interested parties.
- D. Any deductibles or self-insured retentions must be declared to and approved by the Village. At the option of the Village, either: the insurer shall reduce or eliminate such deductibles or self-insured retention as respects the Village, its officials, agents, employees, and volunteers; or the successful Bidder shall procure a bond guaranteeing payment of losses and related investigation, claim administration and defense expenses.

21. INSURANCE POLICY(S) ENDORSEMENT

SHALL BE PROVIDED PRIOR TO THE COMMENCEMENT OF WORK.

VILLAGE OF NORTH AURORA ("The Village")
25 East State Street
North Aurora, Illinois 60542

A. POLICY INFORMATION.

- 1. Insurance Company _____
- 2. Policy Number _____
- 3. Policy Term: (From) _____ (To) _____
- 4. Endorsement Effective Date _____
- 5. Named Insured _____
- 6. Address of Named Insured _____
- 7. Limit of Liability Any One Occurrence/
Aggregate \$ _____
- 8. Deductible or Self-Insured Retention (Nil unless otherwise specified)
\$ _____

B. VERIFICATION OF COVERAGE

When required on Page 1 of these Specifications, the successful Bidder or Bidders shall, **within thirteen (13) calendar days** after acceptance of the bid by the Village, furnish the Village with certificates of insurance naming the Village, its officials, agents, employees and volunteers as additional insureds, and with original endorsements affecting coverage required. The certificates and endorsements for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf.

In the event that the successful Bidder(s) fails to furnish the insurance coverage within thirteen (13) calendar days after acceptance of the bid by the Village, then the bid deposit of the successful Bidder shall be retained by the Village as liquidated damages and not as a penalty, it being agreed by the successful Bidder that said sum is a fair estimate of the amount of damages that said Village will sustain due to the successful Bidder's failure to furnish said insurance.

C. POLICY AMENDMENTS.

Each policy shall contain, or be endorsed to contain, the following provisions:

1. INSURED.

(COMMERCIAL GENERAL LIABILITY AND BUSINESS AUTOMOBILE LIABILITY)

The Village, its officials, agents, employees, and volunteers are to be included as additional insureds with regard to liability and defense of claims arising from: (a) activities performed by or on behalf of the successful Bidder, (b) products and completed operations of the successful Bidder, (c) premises owned, leased or used by the successful Bidder, and (d) automobiles owned, leased, hired or borrowed by the successful Bidder. The coverage shall contain no special limitations on the scope of protection afforded to the Village, its officials, agents, employees, and volunteers.

2. CONTRIBUTION NOT REQUIRED.

(COMMERCIAL GENERAL LIABILITY AND BUSINESS AUTOMOBILE LIABILITY)

The insurance afforded by the policy shall be primary insurance as respects the Village, its officials, agents, employees, and volunteers; or stand in an unbroken chain of coverage excess of the successful Bidder's scheduled underlying primary coverage. In either event, any other insurance or self-insurance maintained by the Village, its officials, agents, employees, and volunteers shall be excess of this insurance and shall not contribute with it.

3. SEVERABILITY OF INTEREST.

(COMMERCIAL GENERAL LIABILITY AND BUSINESS AUTOMOBILE LIABILITY)

The insurance afforded by the policy applies separately to each insured who is seeking coverage or against whom a claim is made or a suit is brought, except with respect to the Company's limit of liability.

4. SUBCONTRACTORS.

(ALL COVERAGES)

The successful Bidder shall include all subcontractors as insured under its policies or shall furnish separate certificates and endorsements for each subcontractor. All coverages for subcontractors shall be subject to all of the requirements stated in these General Conditions.

5. PROVISIONS REGARDING THE INSURED'S DUTIES AFTER ACCIDENT OR LOSS.

(COMMERCIAL GENERAL LIABILITY AND BUSINESS AUTOMOBILE LIABILITY)

Any failure to comply with reporting provisions of the policy shall not affect coverage provided to the Village, its officials, agents, employees, and volunteers.

6. CANCELLATION NOTICE.

(ALL COVERAGES)

The insurance afforded by the policy shall not be suspended, voided, canceled, reduced in coverage or in limits except after prior written notice by certified mail return receipt requested has been given to the Village. The Village shall be endorsed to the policy as a Cancellation Notice Recipient with notice addressed as shown in the heading of the endorsement.

7. SUBROGATION.

(WORKERS COMPENSATION AND EMPLOYERS' LIABILITY)

The insurer shall agree to waive all rights of subrogation against the Village, its officials, agents, employees, and volunteers for losses arising from work performed by the successful Bidder for the Village.

8. ACCEPTABILITY OF INSURERS.

(ALL COVERAGES)

Insurance is to be placed with insurers with a Best's rating of no less than A-VII and licensed to do business in the State of Illinois.

9. ASSUMPTION OF LIABILITY.

(ALL COVERAGES)

The successful Bidder assumes liability for all injury to or death of any person or persons including employees of the successful Bidder, any subcontractor, any supplier or any other person and assumes liability for all damage to property sustained by any person or persons occasioned by or in any way arising out of any work performed pursuant to the contract.

D. SIGNATURE OF INSURER OR AUTHORIZED REPRESENTATIVE OF THE INSURER.

I, _____ (print/type name), warrant, and by my signature hereon do so certify, that the required coverage is in place.

Signature of: _____

Authorized Representative (Original signature required on endorsement furnished to the Village).

Title: _____

Organization: _____

Address: _____

Phone: _____ Fax: _____

22. INDEMNITY HOLD HARMLESS PROVISION

To the fullest extent permitted by law, the successful Bidder hereby agrees to defend, indemnify and hold harmless the Village, its officials, agents, employees, and volunteers, against all injuries, deaths, loss, damages, claims, patent claims, suits, liabilities, judgments, costs and expenses, which may in anywise accrue against the Village, its officials, agents, employees, and volunteers; arising in whole or in part or in consequence of the performance of the work by the successful Bidder, its employees, or subcontractors, or which may in anywise result therefore, except that arising out of the sole legal cause of the Village, its officials, agents, employees, and volunteers, and the successful Bidder shall, at its own expense, appear, defend and pay all charges of attorneys and all costs and other expenses arising therefore or incurred in connection therewith, and, if any judgment shall be rendered against the Village, its officials, agents, employees, and volunteers, in any such action, the successful Bidder shall, at its own expense, satisfy and discharge same.

The successful Bidder expressly understands and agrees that any performance bond or insurance policies required by the contract, or otherwise provided by the successful Bidder, shall in no way limit the responsibility to indemnify, keep and save harmless and defend the Village, its officials, agents, employees, and volunteers, as herein provided.

The successful Bidder further agrees that to the extent that money is due the successful Bidder by virtue of the contract, an amount of said money as shall be considered necessary in the judgment of the Village, may be retained by the Village to protect itself against said loss until such claims, suits, or judgments shall have been settled or discharged and/or evidence to that effect shall have been furnished to the satisfaction of the Village.

23. INDEPENDENT CONTRACTOR

The Contractor shall be deemed to be an independent contractor, solely responsible for the control and payment of its employees and subcontractors, and compliance with all applicable Federal, State, and local laws.

24. COMPLIANCE WITH NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

In compliance with National Pollutant Discharge Elimination System (NPDES), and ILR40 permit requirements, consultants and contractors hired by the Village that will be engaged in any task or project that could potentially have an impact on water quality is required to have provided training to their employees to prevent and reduce storm water pollution from their activities.

25. COMPLIANCE WITH FREEDOM OF INFORMATION ACT

The Village is required by law to comply with the provisions of the Freedom of Information Act, 5 ILCS 140/1 et seq., as amended from time to time (“Act”). The Act requires the Village to provide, if requested to do so by any person, copies of documents that may be in your possession and related to this contract. As a condition of this contract, Contractor agrees to and shall provide to the Village, copies of any and all such documents when directed to do so by the Village. All such documents shall be delivered to the Village Clerk’s Office NO LATER THAN three (3) working days after the date of the Village’s direction to provide

such documents. Failure of the Contractor to provide documents within said three (3) working days as provided above shall result in the assessment of any and all penalties, damages, and/or costs incurred by the Village to the Contractor which shall be paid immediately by the Contractor upon demand of the same by the Village.

VILLAGE OF NORTH AURORA
ASPEN COURT WATER MAIN IMPROVEMENT PROJECT

II. PROJECT SPECIFICATIONS

1. INTENT

The intent of these plans, specifications and contract is to install an 8 inch ductile iron pipe water main replacement on Aspen Court for a total of 439 feet in length. The project also includes the installation of new 8" valves in a vault, new fire hydrant assembly, and abandonment and removal of the existing water main, valve, and fire hydrant. Including all other related and incidental work is also required to complete the improvements as shown on the plans and described herein.

2. LOCATION OF UTILITIES

If excavation is necessary, the Contractor shall contact the Village of North Aurora Public Works Department at least seventy-two (72) hours before beginning work and the J.U.L.I.E. system in conformance with all J.U.L.I.E. standards. Electric, gas and telephone utilities must be located in the field prior to construction. The Village bears no responsibility for damage done to existing utilities during construction.

3. EXAMINATION OF SITE

The bidder shall carefully examine the site and become familiar with the conditions under which he will have to execute the work required under this contract. Failure to do so will in no way relieve the bidder of his responsibility under this contract.

4. ADDITIONAL WORK

The Village reserves the right to order additional work at the same unit price as provided for in the contractor's bid during the course of construction. Prior to commencing any additional work, the bidder shall submit his charges for performing the work and shall not proceed until the Public Works Director or his designee, has approved the charges in writing.

5. PROTECTION OF EXISTING FACILITIES

Existing facilities, including grounds, structures, landscaping, and so forth, shall be protected by the Contractor. Any damage to existing facilities or sanitary surcharges caused by the Contractor's work, shall be reported to the Village in writing and shall be repaired and/or cleaned up promptly by the Contractor when ordered to do so by the Village at no additional cost. All repairs of damage shall be made to the satisfaction of the Village. Failure to repair damage shall be just cause for withholding payment for work which becomes due. If the Contractor fails to complete the repairs or clean-up immediately, or as otherwise directed by the Village, the Village shall provide notice to the Contractor and proceed to repair or replace the existing facilities and/or damaged property as may be deemed necessary at the Contractor's expense.

6. CONTRACTOR'S RESPONSIBILITY

The Contractor shall be responsible for constructing the improvements in accordance with the specifications. The Contractor shall have available on the job site at all times during construction a complete set of specifications with all revisions thereto. The Contractor shall employ only workmen skilled in their trade and shall furnish full time supervision of all construction. An English-speaking superintendent shall be at the site whenever construction is in progress. The superintendent shall have authority to receive and carry out instructions from the Village. The lack of a competent superintendent on the site during construction shall be just cause for the Village to order the work to cease.

7. SITE CONDITION AND CLEAN-UP

The Contractor shall store materials and equipment in a location approved by the Village and shall move same, if and when it becomes necessary at his own expense.

The Contractor shall have control over his employees' parking of automobiles on the site. The Contractor shall

keep the site neat and shall cleanup any debris when directed to do so by the Village. Upon completion of the improvement each site shall be left in a condition acceptable to the Village. Failure to keep the site neat, complete restoration of any disturbed areas, or cleanup debris to the satisfaction of the Village, when directed to do so shall be just cause for withholding payment due the Contractor and final acceptance will not be made until the site is in a condition acceptable to the Village.

8. TRESPASS ON LAND

The Contractor shall confine his operations and storage of materials and equipment to the job site public right-of-way or easements. The Contractor shall exercise extreme caution so as not to trespass upon property of third parties not involved in the contract. In the event that the Contractor is to enter upon the property of third parties in the execution of the work he shall obtain written permission prior to doing so and submit evidence of said written permission to the Village.

9. PROTECTION OF PUBLIC

The Contractor shall erect and maintain sufficient signs, barricades, lights and fences and shall employ competent flagmen and watchmen to warn and guard the public against the hazards created by the construction of the work. The Contractor shall not allow hazardous conditions to remain without affording adequate protection to the public. If, in the opinion of the Village a hazardous condition exists and the Contractor fails to correct the condition, or to protect the public, the Village may order the necessary precautions to safeguard the public, the cost of which will be deducted from payments due the bidder. Flagrant disregard for the safety of the public shall constitute just reason for the Village to order cessation of work.

10. GUARANTEE

All work and materials furnished under this contract shall be guaranteed by the Contractor against defects failure improper performance and non-compliance with the contract documents for a period of one (1) year after completion and acceptance of the work under this contract. All guarantees and warranties required shall be furnished by the successful Bidder and shall be delivered to the Village before the final payment voucher is issued. During the guarantee period, the Contractor shall repair and replace, at his own expense, when so ordered by the Village, all work that develops defects whether these defects may be inherent in the functioning of the piece of operating equipment, materials furnished or workmanship performed. Any equipment or material, which is repaired or replaced, shall have the guarantee period extended one (1) year from the date of the last repair or replacement.

11. START OF WORK AND COMPLETION

The Contractor's representatives who are assigned to this project shall be required to attend a pre-construction meeting with Village staff prior to commencing work. The Contractor shall be required to follow the order and route for the work which is delineated during the preconstruction meeting. It is anticipated that the Contractor shall commence work within a reasonable time after the award. Weather related time delays will be reviewed by both parties and determined by the Village.

12. FAILURE TO COMPLETE WORK ON TIME AND CONTRACT VIOLATIONS

Time is of the essence to the contract. Should the Contractor fail to complete the work within the working days stipulated in the contract or on or before the completion date stipulated in the contract or within such extended time as may have been allowed, the Contractor shall be liable and shall pay to the Village the amount shown in the following schedule of deductions, not as a penalty but as liquidated damages, for each day of overrun in the contract time or such extended time as may have been allowed. The liquidated damages for failure to complete the contract on time are approximate, due to the impracticality of calculating and proving actual delay costs. This schedule of deductions establishes the cost of delay to account for administration, engineering, inspection, and supervision during periods of extended and delayed performance. The costs of delay represented by this schedule are understood to be a fair and reasonable estimate of the costs that will be borne by the Village during extended and delayed performance by the Contractor of the work, remaining incidental work, correction of work improperly completed, or repair of work damaged as a result of the Contractor. The liquidated damage amount specified will accrue and be assessed until final completion of the total physical work of the contract even though the work may be substantially complete. The Village will deduct these liquidated damages from any monies due or to become due to the Contractor from the Village.

Schedule of Deductions for Each Day of Overrun in Contract Time
Working Day \$250

The other provisions of the Contract have been established to allow for the efficient completion of this project, without creating additional burden or hardship on Village residents or additional administration and/or operating expenses for the Village.

13. PAYMENT

Final payment will be made when the work, written reports and hard drive (media copy) are reviewed and accepted by the Village. The Contractor shall submit final waivers-of-lien covering all labor, material, equipment, services and so forth, prior to receiving final payments.

14. ACCEPTANCE

The work shall not be accepted by the Village until the Village has determined that all work is complete and in accordance with the specifications.

15. MATERIAL SAFETY DATA SHEETS

The Contractor shall supply the Village with Material Safety Data Sheets (MSDS) for all chemicals being used as part of this project.

16. ACCESSIBILITY OF CONTRACTOR

The Contractor shall supply cell phone numbers (primary and secondary numbers), daytime office numbers, fax numbers, and pager numbers of supervisors handling this contract and the supervisors shall be available twenty four (24) hours a day.

17. SPECIAL PROVISIONS FOR CONSTRUCTION

See attached Special Provisions

18. ENGINEERING PLANS

See Final Engineering Plans.

ASPEN COURT WATER MAIN IMPROVEMENT PROJECT BID PROPOSAL

The Bidder proposes to complete the project for the following prices by June 30, 2025, with reasonable weather related delays as defined, or less:

Item No.	SPECIAL PROVISION	BID ITEMS	UNIT	QUAN.	Unit Price	Total
1	*	CONNECTION TO EXISTING WATER MAIN, 8-INCH	EACH	1	2,200.00	2,200.00
2	*	WATER MAIN REMOVAL, 8-INCH	FOOT	91	10.00	910.00
3	*	WATER MAIN, ZINC COATED D.I.P., CLASS 52 WITH V-BIO POLY WRAP, 6-INCH	FOOT	26	93.00	2,418.00
4	*	WATER MAIN, ZINC COATED D.I.P., CLASS 52 WITH V-BIO POLY WRAP, 8-INCH	FOOT	439	182.00	79,898.00
5	*	WATER MAIN INSULATION	SQ YD	55	35.00	1,925.00
6	*	VALVE IN VAULT, 8-INCH	EACH	1	5,200.00	5,200.00
7	*	PRESSURE CONNECTION AND GATE VALVE IN VAULT, 8-INCH	EACH	1	8,900.00	8,900.00
8	*	INSERTION VALVE AND VALVE VAULT, 8-INCH	EACH	1	12,000.00	12,000.00
9	*	FIRE HYDRANT ASSEMBLY	EACH	2	8,000.00	16,000.00
10	*	NON-SPECIAL, NON-HAZERDOUS SOIL WASTE DISPOSAL – TYPE 1	TON	20	15.00	300.00
11	*	NON-SPECIAL, NON-HAZERDOUS SOIL WASTE DISPOSAL – TYPE 2	TON	20	15.00	300.00
12	*	FOUNDATION MATERIAL	CU YD	20	25.00	500.00
13	*	EXPLORATORY EXCAVATION	EACH	12	300.00	3,600.00
14	*	WATER SERVICE CONNECTION, 1 INCH	EACH	18	720.00	13,050.00
15	*	WATER SERVICE PIPE, TYPE "K" COPPER, 1 INCH	FOOT	1,055	29.00	30,595.00
16	*	DISCONNECT AND ABANDON EXISTING WATER MAIN	L SUM	1	8,100.00	8,100.00
17	*	VALVE VAULT TO BE ABANDONED	EACH	2	850.00	1,700.00
18	*	FIRE HYDRANT ASSEMBLY REMOVAL	EACH	1	2,900.00	2,900.00
19	*	WATER MAIN TESTING – PRESSURE AND DISINFECTION	L SUM	1	1,350.00	1,350.00
20	*	SANITARY SEWER SERVICE REPLACEMENT (WATER MAIN QUALITY PIPE)	FOOT	220	16.00	3,520.00
21	*	LANDSCAPE RESTORATION	SQ YD	490	14.00	6,860.00
22	*	TREE REMOVAL	UNIT	85	25.00	2,125.00
23		TRAFFIC CONTROL AND PROTECTION STANDARD 701501	L SUM	1	1,200.00	1,200.00
24		TRAFFIC CONTROL AND PROTECTION STANDARD 701801	L SUM	1	1,200.00	1,200.00
25	*	CONSTRUCTION LAYOUT	L SUM	1	4,869.00	4,869.00

26	*	DUST CONTROL – MECHANICAL SWEEPING	CAL DAY	5	250.00	1,250.00
	* Special Provision					
					TOTAL BID PRICE =	212,780.00
Total Bid Price In Words: TWO HUNDRED TWELVE THOUSAND SEVEN HUNDRED EIGHTY DOLLARS AND ZERO CENTS						


Start Date	March 24, 2025
Calendar Completion Date	June 30, 2025

Name of Bidder: J&S Construction Sewer and Water, Inc.
Address: PO Box 760, Oswego, IL 60543
Telephone No. 630-585-8000 Email. nancyl@jnsconstruction.com
Contact Name: Nancy Lach
Title: Estimator/Project Manager
Date: 02/19/25

I Jim Wilhelm (print name) verify that I am authorized to provide the above pricing on

behalf of J&S Construction Sewer and Water, Inc. (company name)

And will hold the above pricing for a period of 90 days from the date of the bid opening.



Signature
Jim Wilhelm, President

2/19/25

Date

Contractor's Certification

In compliance with P.A. 85-1295-Illinois Revised Statute, Chapter 31, Section 33E-11, and applicable local ordinances.


Print Name:

Contractor J&S Construction Sewer and Water, Inc.

Corporation Individual Partnership Other _____
(if other specify type)

As part of his/her bid on the above sole-referenced Contract, hereby certifies that the Contractor is not barred from bidding on the above referenced contract as a result of a violation of either Section 33E-3 Bid-rigging or 33E-4 Bid-stating of Article 33E of the Illinois Criminal Code of 1961, as amended.

Date: 2/19/25

Contractor By: 
Jim Wilhelm


Title: President

(State of Illinois) SS County of Kendall

I, the undersigned, a notary public in and for the State and County aforesaid, hereby certify that

Jim Wilhelm appeared before me this day in person and, being first duly sworn an oath, acknowledged that he/she executed the foregoing certification as his/her free act and deed.

Dated: 2/19/25

Notary Public: 
Bonnie Williams



List of Subcontractors and Suppliers

The sub-contractors and suppliers listed below will be involved in this contract work in the assignments listed. We understand that any deviation from this list must be requested and approved in writing ten (10) days before the start of the work that is involved.

Failure to complete this list may result in rejection of bid. Write “none” in the boxes below if no sub-contractors or suppliers will be used.

Legal name, current telephone number and address of all subcontractors must be included.

Sub-Contractors

Work Assignment

To be determined	Tree Removal

Suppliers

Material

Mid American Water, Aurora, IL	Pipe, valves, fittings
Component Precast	Precast vaults
EJ USA	Castings

Contractor Bid Agreement

To: The Village of North Aurora
25 E. State Street
North Aurora, IL 60542

The undersigned bidder, in compliance with your advertisement for bids for work as specified, and related documents prepared by or at the direction of the Village of North Aurora, Owner, and having examined the locations and being familiar with all conditions surrounding the Work, including availability of labor and material, does hereby proposed to furnish materials, labor, equipment and services and pay for same and shall perform all work required for the completion of the Project, in accordance with the contract documents and at the price stated.

Bidder certifies this bid to be for the project described herein and to be in accordance with plans, specifications and contract documents, including the invitation for bids.

In no event shall any delays or extensions of time be construed as cause or justification for payment of extra compensation to the contractor. Any claims for an increase of the contract time shall be made in writing to the Village within seven (7) days of the cause.

Signed: 

Print Name: Jim Wilhelm

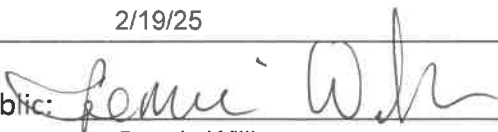
Title: President

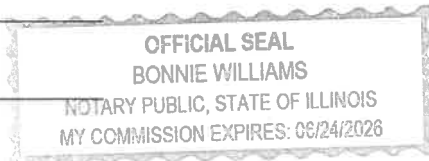
Date: 2/19/25

(State of Illinois) SS County of Kendall

I, the undersigned, a notary public in and for the State and County aforesaid, hereby certify that Jim Wilhelm appeared before me this day in person and, being first duly sworn an oath, acknowledged that he/she executed the foregoing certification as his/her free act and deed.

Dated: 2/19/25

Notary Public: 
Bonnie Williams



Apprenticeship or Training Program Certification

The Village has passed by Resolution on September 21, 2009, a resolution that any public works contract under the purview of the Illinois Prevailing Wage Act that is over \$25,000 shall only be awarded to a contractor who is enrolled in a Joint Apprenticeship Training Program that is registered and certified with the United States Department of Labor, Bureau of Apprenticeship and Training.

- 1. Each bidder is required to certify and provide information on the apprenticeship or training program(s) approved and registered with the United States Department of Labor’s Bureau of Apprenticeship and Training in which the bidder participates that is relevant to the portion(s) of this project that is/are subject to the State of Illinois’ Prevailing Wage Act below.

All apprenticeship programs adhere to the Operating Engineers and Laborer Unions

The requirements of this certification and disclosure are a material part of the contract, and the bidder shall require this certification provision to be included in all approved subcontracts. The bidder is responsible for making a complete report and shall make certain that each type of work or craft job category that will be utilized on the project is accounted for and listed. The Village at any time before or after ward may require the production of a copy of each applicable Certificate of Registration issued by the United States Department of Labor evidencing such participation by the contractor and any or all of its subcontractors.

Signed: Jim Wilhelm

Print Name: Jim Wilhelm

Title: President

Company: J&S Construction Sewer and Water, Inc.

Date: 2/19/25

(State of Illinois) SS County of Kendall

I, the undersigned, a notary public in and for the State and County aforesaid, hereby certify that

Jim Wilhelm appeared before me this day in person and, being first duly sworn an oath, acknowledged that he/she executed the foregoing certification as his/her free act and deed.

Dated: 2/19/25

Notary Public: Bonnie Williams



REFERENCES

The Bidder must list a minimum of two (2) references, preferable municipal, for in-kind work. The references provided must list company or municipality, contact person, address and telephone number.

Municipality: City of St Charles
Contact Person: Matt Wilson mwilson@stcharlesil.gov
Address: 2 E Main Street St. Charles, IL 60174
Phone #: 630-377-4405 Fax: _____
Project Included: Indiana Street, 2025 MFT Project Year: 2023-2024

Municipality: City of Aurora
Contact Person: Cassandra Armin ArminC@aurora.il.us
Address: 77 S Broadway Ave, Aurora, IL 60505
Phone #: 331-219-8418 Fax: _____
Project Included: Various - Redwood, Indian Trail, Prairie Meadows Project Year: 2021-2024

Municipality: Village of Montgomery
Contact Person: Mark Wolf
Address: 200 N River St, Montgomery, IL 60538
Phone #: 331-212-9043 Fax: _____
Project Included: Various Project Year: 2015-2025

Municipality: Village of Oswego
Contact Person: Jim Burbridge jburbridge@oswegoil.org
Address: 100 Parkers Mill, Oswego, IL 60543
Phone #: 630-554-3242 Fax: _____
Project Included: various Project Year: 2000-2025

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**ADDITIONAL INSURED – OWNERS, LESSEES OR
CONTRACTORS – SCHEDULED PERSON OR
ORGANIZATION**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s):	Location(s) Of Covered Operations
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

A. Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by:

1. Your acts or omissions; or
2. The acts or omissions of those acting on your behalf;

in the performance of your ongoing operations for the additional insured(s) at the location(s) designated above.

B. With respect to the insurance afforded to these additional insureds, the following additional exclusions apply:

This insurance does not apply to "bodily injury" or "property damage" occurring after:

1. All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the location of the covered operations has been completed; or
2. That portion of "your work" out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

PRIMARY AND NONCONTRIBUTORY – OTHER INSURANCE CONDITION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART

The following is added to the **Other Insurance Condition** and supersedes any provision to the contrary:

Primary And Noncontributory Insurance

This insurance is primary to and will not seek contribution from any other insurance available to an additional insured under your policy provided that:

- (1) The additional insured is a Named Insured under such other insurance; and

- (2) You have agreed in writing in a contract or agreement that this insurance would be primary and would not seek contribution from any other insurance available to the additional insured.

SAMPLE

**Aspen Court Water Main Improvement Project
Special Provisions**

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GENERAL SPECIAL PROVISIONS

The following Special Provisions supplement the “Standard Specifications for Water and Sewer Main Construction in Illinois”, latest edition; the “Standard Specifications for Road and Bridge Construction”, adopted January 1, 2022 (hereinafter referred to as the "Standard Specifications"); the latest edition of the “Manual on Uniform Traffic Control Devices for Streets and Highways”; the “Illinois Urban Manual”, latest edition; all of which apply to and govern the construction of the Local Improvement, and in case of conflict with any part or parts of said Specifications, the said Special Provisions shall take precedence and shall govern.

Where any section, subsection, paragraph, or subparagraph of the Standard Specifications is supplemented by any of the following paragraphs, the provisions of such section, subsection, paragraph, or subparagraph shall remain in effect. The Special Provisions shall govern in addition to the particular Standard Specification so supplemented, and not in lieu thereof.

Where any section, subsection, paragraph, or subparagraph of the Standard Specifications is amended, voided, or superseded by any of the following paragraphs, any provision of such section, subsection, paragraph, or subparagraph standing unaffected, shall remain in effect. The Special Provisions shall govern in lieu of any particular provision of the Standard Specification so amended, voided, or superseded, and not in addition to the portion changed.

SCOPE OF WORK

The Contractor shall be responsible to sufficiently familiarize himself with the local conditions prior to bidding the project. It is hereby understood and agreed that the contract unit prices shall prevail throughout the contract, and that no adjustments to unit prices will be allowed for an increase or decrease to the contract quantities. Also, no additional compensation for any dewatering, pumping, mobilization, readiness to serve or other startup costs shall be allowed.

This contract shall consist of constructing a water main and all necessary appurtenances according to the plans and these special provisions or as directed by the Engineer.

MAINTENANCE OF ROADWAYS

Beginning on the date that work begins on this project, the Contractor shall assume the responsibility for normal maintenance of all existing roadways within the limits of the improvement. This normal maintenance shall include all repair work deemed necessary by the Engineer but shall not include snow removal operations. Traffic control and protection for maintenance of roadways will be provided by the Contractor as required by the Engineer.

All construction shall be staged and conducted in a manner consistent with the traffic control standards as shown in the plans and as detailed in these special provisions. The Contractor shall note that all of the traffic control standards applicable to this Contract require through traffic to be maintained at all times and the restoration of normal traffic movements at any point in time when the Contractor is not onsite. If the Contractor feels that any portion of this Contract cannot be completed in this manner, it shall be brought to the attention of the Engineer so that the issue can be further analyzed, and an addendum can be issued if ultimately deemed necessary.

TRAFFIC FLOW AND PEDESTRIAN ACCESS

At the preconstruction meeting, the Contractor shall furnish a 24-hour primary and secondary name and telephone number where he or she may be reached during non-working hours or the individual under

direct supervision who is to be responsible for the installation and maintenance of the traffic control for this project. If the actual installation and maintenance are to be accomplished by a subcontractor, consent shall be requested of the Engineer at the time of the preconstruction meeting in accordance with Article 108.01 of the Standard Specifications. This shall not relieve the Contractor of the requirements to have a responsible individual in his or her direct employ to supervise this work.

All construction work specified under this contract shall be so engaged as to not impede normal traffic and pedestrian ways. Any barricading to detour traffic must receive prior written approval from the Engineer. All construction work shall be done such that continuous access to schools or business parking lots is maintained, although it may be restricted to one lane with proper barricading and flagging.

Construction operations shall be conducted in a manner such that streets will be open to emergency traffic and accessible as required to local traffic.

TRAFFIC CONTROL

Traffic Control shall be in accordance with the applicable sections of the Standard Specifications for Road and Bridge Construction, the Supplemental Specifications, the applicable guidelines contained in the Illinois Manual on Uniform Traffic Control Devices for Streets and Highways, any special details and Highway Standards contained herein and in the plans, and the Special Provisions contained herein.

Special attention is called to Articles 107.09, 107.14 and Section 701 of the Standard Specifications for Road and Bridge Construction and the following Highway Standards relating to traffic control:

701301-04 701501-06 701801-06 701901-08

The Contractor shall obtain, erect, maintain and remove all signs, barricades, flagmen and other traffic control devices as may be necessary for the purpose of regulating, warning or guiding traffic. Placement and maintenance of all traffic control devices shall be in accordance with the applicable parts of Article 107.14 and Section 701 of the Standard Specifications and the Illinois Manual on Uniform Traffic Control Devices for Streets and Highways and the attached special provisions.

This work will not be paid for separately but be considered included in the contract unit prices.

STARTING AND COMPLETION

The Contractor agrees to execute the contract and bonds satisfactory to and in the forms prescribed by the Village in the sum of the full amount of the contract, guaranteeing the faithful performance of the work in accordance with the terms of the contract within **fifteen (15)** days after notice of award of the contract.

The Contractor further agrees to begin work not earlier than **March 24, 2025** or prior to receipt of IEPA Construction Permit, unless otherwise provided, and to prosecute the work in such a manner and with sufficient materials, equipment, and labor as will ensure its completion with the time limit specified herein, it being understood and agreed that the completion within the time limit is an essential part of the contract.

The Contractor shall schedule their construction operations in such a manner so as to meet the following completion deadlines:

- Obtain Final Completion of the entire project by **June 30, 2025**.

Final completion shall be obtained when all the work in all respects has been completed, including the punch list work and landscaping.

Special attention is called to Article 108.10 of the Standard Specifications for Road and Bridge Construction and shall be strictly adhered to, in the event the Contractor fails to complete the project by the above-mentioned guidelines. Liquidated damages shall be assessed per Working Day for failure to meet the above deadlines.

The Contractor shall not discontinue progress towards the completion of the work until "Final Completion" has been obtained. This provision will be strictly enforced whether or not the abovementioned completion deadlines are being met. The Contractor shall be assessed liquidated damages for every working day that work is not being performed on the project.

The Contractor shall submit a schedule showing anticipated dates for each phase of construction work. The Village reserves the right to require adjustments to scheduling of work. The Contractor shall also take note to the following requirements:

- The Contractor shall contact the Village at least 72 hours in advance of beginning work.
- IEPA Permit shall be issued prior to Contractor starting any work on the project.

These requirements shall be considered included in the cost of the to the contract unit prices.

PRE-BID SITE VISIT

All bidders are encouraged to visit the site prior to preparation of bid. Submission of the bid is acknowledgement that the Bidder is aware of and accepting of existing conditions prior to the installation of the improvements.

CONSTRUCTION OPERATIONS

Construction operations shall be confined to the daylight hours between 7:00 a.m. and 5:00 p.m. Monday through Friday. Work may be performed on Saturday between 7:00 a.m. and 5:00 p.m. with Village approval. Requests for Saturday work must be done a minimum of 24 hours prior and if the work requires inspection, the Contractor will be billed by the Village for their costs. No work of any kind shall be done on Sundays in residential areas. 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.

The Contractor shall, where required by the Engineer, provide immediate access to driveways and intersecting streets.

At no time will the Contractor be allowed to stockpile or leave materials on any street overnight.

The Contractor shall provide, to residents and motorists, advance notice of parking restrictions. This shall be accomplished with signs and/or barricades as directed by the Engineer.

The Contractor shall not close any street or private driveway without the consent of the Engineer and the proper notification of the affected resident(s). Any street closed during working hours shall be reopened to traffic during non-working hours.

This work will not be paid for separately but be considered included in the contract unit prices.

STORM WATER POLLUTION REDUCTION

In compliance with the National Pollution Discharge Elimination System (NPDES) and ILR40 permit requirements, every Contractor hired by the Village that will be engaged in any task or project that could potentially have an impact on water quality is required to have provided training to their employees to prevent and reduce storm water pollution from their activities. This requirement shall be considered included in the cost of the contract unit prices.

CARE AND PROTECTION OF EXISTING ITEMS

Contractor shall use care in grading or excavating near all existing items that will not be removed, including but not limited to: curb, sidewalk, driveway pavement, bike path, landscaping, trees, bushes, and previously seeded areas. Any damage done to existing items by the contractor shall be repaired or replaced to the satisfaction of the Engineer.

Contractor shall use caution not to damage any trees or bushes within the project area. Should any trees or bushes be damaged or disturbed due to construction activities that are not planned for removal, contractor shall replace them in kind at their own expense. No additional compensation will be allowed.

Any material deposited in the flow line of curb or drainage structures, which obstructs the natural flow of water, shall be removed at the close of each working day. Prior to acceptance of the improvement, all drainage structures shall be free of dirt and debris to the satisfaction of the Engineer.

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

LOCATION OF EXISTING UTILITIES

Locations of all utilities shown on the Plans are approximate only, and are not necessarily complete. Existing public and private utilities are shown on the Plans according to information obtained from utility companies, municipalities, and/or surveys. The Contractor shall make their own investigations and familiarize themselves with the location of all utilities and structures that may be found in the vicinity of the construction and assumes responsibility for all utilities where shown or not, and must realize that the actual locations and/or elevations of the utilities may be different than indicated. Prior to construction, the Contractor shall contact all utility companies and arrange for location of any utilities they may have in the various areas.

It is understood and agreed that the Contractor has considered in their bid all of the permanent and temporary utility appurtenances in their present or relocated positions. Should any damages occur due to the Contractor's negligence, repairs shall be made by the Contractor at their expense in a manner acceptable to the Engineer. The Contractor shall notify all utility companies of their construction schedule and coordinate construction operations with the utility companies so that relocation of utility lines and structures may proceed in an orderly manner. If temporary bracing of utility poles is necessary, Contractor shall contact and coordinate with utility companies to arrange and is incidental to the Contract.

NOTIFICATION TO UTILITIES

The Contractor shall notify all utility companies including the local electric, telephone, gas, cable, Fox Metro Water Reclamation District, and the Village of North Aurora a minimum of 72 hours prior to beginning any construction or underground investigations. The Contractor shall then have the responsibility to determine from the public utility companies the locations of underground pipes, conduits or cables adjoining or crossing the construction area.

RESPONSIBILITY FOR CONSTRUCTION SAFETY, SHORING, CONSTRUCTION METHODS

The Contractor shall be responsible for initiating, maintaining, and supervising all safety precautions for the safety of; and shall provide the necessary protection to prevent damage, injury, or loss to:

- a) All employees on the work and other persons who may be affected thereby.
- b) All work and materials or equipment incorporated therein, whether in storage on or off the site.
- c) Other property at site or adjacent thereto, including trees, shrubs, lawns, sidewalks, pavements, roadways, structures, and utilities not designated for removal, relocation, or replacement in the course of construction.

The Contractor shall be responsible for complying with all applicable laws, ordinances, rules, regulations, and orders of any public body having jurisdiction for the safety of persons or property or to protect them from damage, injury, or loss. The Contractor shall be responsible for erecting and maintain, as required by the conditions and progress of the work, all necessary safeguards for its safety and protection, including tight sheeting or shoring of the trench. They shall notify owners of adjacent utilities when prosecution of the work may affect them. All damage, injury, or loss to any property referred to in paragraph a) or b) caused, directly or indirectly, in whole or in part, by any Contractor or Subcontractor or anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable, shall be remedied by the Contractor. The Contractor's duties and responsibilities for the safety and protection of all work shall continue until such times all the work is completed and acceptable. Any damages shall be repaired in a timely manner. Any and all interruptions of essential utilities such as water, electricity, or gas shall be corrected that same day and before the foreman leaves the site.

The Contractor shall be responsible for coordinating with utility companies regarding the bracing or relocating of utility poles, and the relocation of any underground facilities.

The Engineer shall not be responsible for determining the Contractor's construction means or methods.

PROTECTION OF EXISTING DRAINAGE STRUCTURES

During Construction, if the Contractor encounters or otherwise becomes aware of any sewer, underdrains or field drains within the right-of-way other than those shown on the plans, he/she shall so inform the Engineer. The Engineer shall direct the work necessary to maintain or to replace the facilities in service and to protect them from damage during construction if to be maintained. Existing facilities to be maintained that are damaged because of non-compliance with this provision shall be replaced at the Contractor's own expense.

SEQUENCE OF OPERATIONS

The sequence of operations shall be in general conformance as follows:

- All traffic control devices shall be in place prior to commencement of any work items.
- Saw cut items to be removed.
- Exploratory Excavations
- Complete removal of items as installation of water main improvements progress.
- Install water main improvements and ancillary items.
- Complete Grass restoration.

SCHEDULING

The Contractor shall provide any Scheduled Work Activity via e-mail to the Resident Engineer by 3:00 PM each day prior to any construction unless otherwise approved by the Engineer. The information shall provide the list of streets where work will occur and include start time and type of work. If these

scheduled construction activities are not given by the time listed above, then work will not be allowed to commence, and no compensation will be allowed for cancelled activities.

NOTIFICATION TO RESIDENCES

The Contractor shall be responsible for keeping vehicles off the streets as needed for the project. The Contractor shall install and maintain temporary signs in the parkway 24 hours prior to starting work on each street. Signs shall be spaced on both sides (min. 5 signs each side, each block or 1 sign per 200 ft.) as needed to notify motorists. Immediately following each stage of work on each street, the Contractor shall remove the signs and reinstall them as needed.

The Contractor shall deliver and provide notifications to residences regarding water service shutdowns during construction. Residents must be notified at least 48 hours in advance of any water shutdowns.

It is the responsibility of the Contractor to contact any resident or business of any utility, curb and gutter, sidewalk, or driveway removal that will inhibit access to their driveway, in writing, a minimum of 48 hours but not more than 72 hours, prior to the commencement of these activities. The morning of the work, the Contractor will again be required to notify the owner verbally, to allow the owner time to move their vehicle so as not to inhibit the vehicle from leaving the driveway upon removal of any material. The notice given out by the Contractor should provide notice to the residents as to when they will be permitted to use their driveway again. Coordination between activities should allow for all work to be done in a timely matter to permit access to the roadway. The Contractor shall barricade off the driveways that will not have access during the time of the utility, curb, sidewalk or driveway repairs (or any other construction activity that will result in restricted access). From the day the access is restricted, the Contractor will have five business days to restore access.

KEEPING ROADS OPEN TO TRAFFIC

All streets within the project limits shall be required to always remain open. Signage should be placed according to the Traffic Control Standards. Provisions shall be made so that access to residences and businesses is maintained. All work associated with the above shall be considered incidental to the project.

If during construction it is deemed necessary to temporarily close a road, the Engineer shall be notified a minimum of 72 hours in advance so that residents, local agencies, and emergency responders can be properly notified. All roads shall be open to traffic at the end of each working day.

SUBMITTALS

Shop drawings and cut sheets shall be submitted for the following items:

- All water main products.
- All sanitary sewer products.

AS-BUILT FIELD DRAWINGS

The contractor shall provide the Village with as-built drawings and field notes detailing the work as the water main was installed denoting any changes from the design as shown on the plan sheets. The cost for providing this information will be considered incidental to the project. Final payment will not be made to the Contractor until these drawings are reviewed and approved by the Village.

COOPERATION WITH OTHER CONTRACTORS

The Contractor shall cooperate with other contractors that are working on/or near any portion of the project site. The Contractor shall schedule their construction to minimize conflicts in common work areas

and to maintain continuity in construction and traffic management. Contractor will be given the names of other contractors who will work on/or near the project site. It is the Contractor's responsibility to contact each contractor and coordinate the sequence of work with them.

Coordination with the Village of North Aurora Road Program will be required. Aspen Court is scheduled to be resurfaced after full completion of this project. All hot-mix asphalt and concrete replacement work will be completed by the Road Program Contractor. The water main Contractor shall be responsible for final saw cutting of the hot-mix asphalt and concrete items as well as temporarily filling the excavation with aggregate to grade.

TESTING, PERMITTING, AND BONDING

The Village of North Aurora has submitted the necessary IEPA permits for the construction of the water main. The Contractor is responsible for reading the permit and complying with their provisions.

The Contractor is responsible for obtaining the necessary permits and bonds with the Fox Metro Water Reclamation District (FMWRD) for any work done to sanitary services or sanitary sewer. See Appendix B for the permit form. The Contractor shall be responsible for performing and scheduling all testing required by FMWRD.

All costs related to permitting, testing, and bonding will be incidental to the contract.

WATER REQUIRED FOR CONSTRUCTION

Water necessary for the completion of the improvements will be provided by the Village free of charge. To obtain a Village water meter, the Contractor must post a \$1,200 refundable deposit at the Village Hall (25 E. State Street, North Aurora, IL 60542). The Village's Public Works Water Department will direct the Contractor to which fire hydrant can be used.

PRIVATE LANDSCAPING LOCATED WITHIN THE RIGHT-OF-WAY (ROW)

Residents with landscaping in the ROW will be notified in advance by the Engineer if their landscaping is expected to conflict with the construction. The residents will have the option to remove their landscaping prior to construction activities.

The Contractor will have no responsibility to remove and replace any plant material that has not been relocated by the resident. Any plant material in conflict with construction shall be removed and disposed of by the Contractor with no additional compensation.

Any non-plant material landscaping (bricks, boulders, statues, timbers, etc.) left in the ROW shall be carefully removed and set aside by the Contractor for later use by the homeowner. No additional compensation will be provided to the Contractor for moving said material. The Contractor will have no responsibility to reinstall said material.

INCIDENTAL WORK

All work shown on the Plans, described in the applicable specifications or in these Special Provisions and not covered by a pay item, will be considered incidental to the Contract.

PREVAILING WAGES

This contract calls for the construction of a "public work," within the meaning of the Illinois Prevailing Wage Act, 820 ILCS 130/.01 et seq. ("the Act"). The Act requires contractors and subcontractors to pay laborers, workers and mechanics performing services on public works projects no less than the

“prevailing rate of wages” (hourly cash wages plus fringe benefits) in the county where the work is performed. The Department of Labor sets and revises the prevailing rate of wages so for information regarding current prevailing wage rates, please refer to the Illinois Department of Labor’s website. All contractors and subcontractors rendering services under this contract must comply with all requirements of the Act, including but not limited to, all wage, notice, record keeping duties, payment, and submittal duties.

The successful proposer and each subcontractor (or an officer, employee, or agent of the proposer or subcontractor) shall submit in person, by mail, or electronically, a certified payroll for the immediately preceding period or month to the Illinois Department of Labor. The certified payroll shall consist of all records required by the Department of Labor including all laborers, mechanics, and other workers employed by them on the project. The records shall include each worker’s name, address, telephone number (when available), required information of social security number, classification or classifications, the hourly wages paid in each period, the number of hours worked each day, and the starting and ending times of work each day.

These certified payroll records are considered public records, and public bodies must make these records available to the public under the freedom of Information Act, with the exception of the employee’s address, telephone number and social security number. Any Contractor who fails to submit certified payroll or knowingly files a false certified payroll is guilty of a Class B misdemeanor.

TAX EXEMPTION

This project will be tax exempt. The Village’s tax exempt number will be provided to the Contractor after the contract is awarded.

RETENTION

Ten percent (10%) retention will be held on the project until all construction items have been satisfactorily completed. Retention will be reduced to 0% once all punch list items are completed (as determined by the Engineer).

PLAN QUANTITY ASSUMPTIONS

Non-Special, Non-Hazardous Soil Waste Disposal, Foundation Material, Sanitary Sewer Service Replacement, PVC SDR 26, 6-Inch, Dust Control – Mechanical Sweeping, and Tree Removal are assumed quantities for the purpose of establishing a unit price.

MOBILIZATION

This Contract contains no provisions for Mobilization. Therefore, Section 671 of the Standard Specifications is deleted.

VANDALISM

It is the sole responsibility of the Contractor to ensure the final integrity of the work performed in association with this Contract and provide the protection necessary to deter vandalism or protect the work from inclement weather. In the event that any items become damaged, they shall be replaced at the Contractor’s expense. In addition to vandalism, this shall also include any damage caused by inclement weather or other incidents that result in a product that cannot be considered like new condition.

SAWCUTTING

This work shall be in accordance with Section 442 of the Standard Specifications insofar as applicable, the detail in the plans, and the following provisions.

Sawing of removal items as noted in the plans, specified in the Standard Specifications, or as required by the Engineer shall be included in the cost of the item being removed.

SANITARY SERVICE LOCATION

Locating, exposing of the sanitary service, and all costs associated with this work will be incidental to the contract.

TREE PRUNING (EQUIPMENT CLEARANCE)

This item shall be performed in accordance with section 201 of the Standard Specifications with the exception of waving the calendar day requirement. All pruning shall be done under the direct supervision of the engineer and a certified arborist. Tree trimming may be required to allow room for construction equipment to move and swing overhead. In the event tree trimming is needed on a private tree, the Contractor shall coordinate with the Engineer to confirm the homeowner is notified that their tree will requiring trimming and the date of the trimming.

All costs related to Tree Pruning (Equipment Clearance) will be incidental to the contract.

CLEARING

This item shall be performed in accordance with section 201 of the Standard Specifications. This work shall include the clearing, removal, and disposal of any shrubs, saplings, grass, weeds, bushes, and other vegetation and stumps of a diameter less than 6 inches necessary to be removed for the installation of the sanitary sewer improvements or equipment. No clearing shall begin without prior approval of the Village.

All costs related to Clearing will be incidental to the contract.

PROTECTION OF TREES AND SHRUBS

During construction of this improvement, the Contractor shall exercise care so as not to damage trees or shrubs outside the limits of construction as shown on the drawings or as determined by the Engineer. Prior to the start of construction, snow fencing or other approved fencing shall be installed in locations determined by the Engineer to help keep construction equipment away from any trees or shrubs deemed to be protected. Any trees or shrubs so damaged shall be immediately treated with an approved sealant as directed by the Engineer.

All costs associated with protection of trees will be incidental to the contract.

MAILBOX REMOVAL AND REINSTALLATION

During construction of this improvement, the Contractor shall exercise care so as not to damage any existing mailboxes. If a mailbox conflicts with any of the proposed work, the Contractor shall carefully remove the existing mailbox and store in a safe location on site. When work in the vicinity is complete, Contractor shall reinstall the mailbox. If post is damaged or in poor condition, Contractor shall replace post as part of the reinstallation with like materials. The Village will provide a temporary mailbox between the removal and reinstallation of the mailbox.

All costs associated with the mailbox removal and reinstallation will be incidental to the contract.

AGGREGATE FOR DRIVEWAY AND STREET CROSSING MAINTENANCE

This item of work shall be in accordance with Section 107.09 of the Standard Specifications, which provides for temporary driveway access during construction. The cost for furnishing, placing, removing and disposing of excess aggregate will not be compensated for separately but shall be considered incidental to the contract.

EROSION CONTROL

Erosion control measures shall be required as deemed necessary by the Engineer and shall be in compliance with the most recent revisions to the Illinois Urban Manual. It should be noted that inlet protection is required at all open grate inlets tributary to disturbed areas and shall be periodically monitored for silt building and should be emptied once the baskets are over half full.

All areas disturbed during construction shall be seeded as soon as possible after final grading. The Contractor will be responsible for cleaning the pavement, drainage structures, and storm sewers prior to final acceptance and at such times during construction as necessary to maintain drainage and protect adjacent properties.

All costs related to erosion control, including inlet protection, will be incidental to the contract.

REMOVAL AND DISPOSAL OF EXCAVATED MATERIAL (“UNCONTAMINATED SOIL”)

This work shall consist of the removal, transportation and disposal of the excavated material (“uncontaminated soil”). Any excavated material that meets the requirements of disposal at a CCDD facility and not needed for backfill or embankment shall be removed and disposed of off the site at a location or locations provided by the Contractor.

A signed LPC-662 form with supporting documentation is found in Appendix D. Any additional testing or documentation beyond what is provided with the LPC-662 and preliminary analysis that is necessary to dispose of the material shall be the Contractor’s responsibility.

If the Contractor chooses to dispose of the material at a permitted CCDD facility, the Contractor shall coordinate with said facility or facilities prior to bidding to determine if the information provided with the LPC-662 is adequate. The Engineer should be informed immediately of any deficiencies.

This work will not be paid for separately but be considered included in the contract unit prices.

SELECTED GRANULAR BACKFILL

Selected granular backfill (also referred to as trench backfill throughout) shall be in accordance with Section 208 of the IDOT Standard Specifications except that the trench backfill shall be CA-7 capped with 16 inches of CA-6, meeting the requirements of Section 1004.

Selected granular backfill shall be required for all storm sewer, sanitary sewer, and water main where any portion of the trench lies under or within 2’ of existing or proposed streets, curb & gutter, aggregate shoulder, sidewalks, and driveways. All CA-6 material placed in such trenches shall be mechanically compacted in maximum one foot lifts.

The Contractor shall be responsible for maintaining stone trenches as directed by the Village and/or Engineer.

Selected granular backfill will not be paid for separately but shall be included in the cost of the item requiring backfill, which includes but is not limited to water main, storm and sanitary sewer, services, hydrants, structures, and exploratory excavations.

DEWATERING

Dewatering, as required, will be considered incidental to this Contract.

PAVEMENT REMOVAL

This work shall be in accordance with Section 440 of the Standard Specifications insofar as applicable and the following provisions.

This work shall consist of the removal of the existing hot-mix asphalt pavement in locations of proposed work for the trench width needed for installation. All edges of the pavement removal shall be saw cut prior to excavation.

This work will not be paid for separately but shall be included in the cost of the item requiring pavement removal, which includes but is not limited to water main, sanitary services, water services, hydrants, structures, and exploratory excavations. **All pavement items will be replaced by others.**

COMBINATION CONCRETE CURB AND GUTTER REMOVAL

This work shall be in accordance with Section 440 of the Standard Specifications insofar as applicable and the following provisions.

Contractor shall not remove more than is required for the installation of the work item.

This work shall consist of the removal of the existing combination concrete curb and gutter in locations of proposed work for the trench width needed for installation. All edges of the concrete removal shall be saw cut prior to removal.

This work will not be paid for separately but shall be included in the cost of the item requiring combination concrete curb and gutter removal, which includes but is not limited to water main, sanitary services, water services, hydrants, structures, and exploratory excavations. **All concrete items will be replaced by others.**

PCC SIDEWALK REMOVAL

This work shall be in accordance with Section 440 of the Standard Specifications insofar as applicable and the following provisions.

Contractor shall not remove more than is required for the installation of the work item.

This work shall consist of the removal of the existing PCC sidewalk in locations of proposed work for the trench width needed for installation. All edges of the concrete removal shall be saw cut prior to removal.

This work will not be paid for separately but shall be included in the cost of the item requiring PCC sidewalk removal, which includes but is not limited to water main, sanitary services, water services, hydrants, structures, and exploratory excavations. **All concrete items will be replaced by others.**

PAY ITEM SPECIAL PROVISIONS

TREE REMOVAL

Trees that require removal to accommodate the installation of the proposed sanitary sewer shall be removed in accordance with Section 201 of the Standard Specifications and shall be paid for at the contract unit price per UNIT for TREE REMOVAL. No trees shall be removed without prior approval of the Village.

CONSTRUCTION LAYOUT

The contractor shall furnish and place construction layout stakes and perform layout work necessary to construct the water main and storm sewer, alignment and elevations shown on the plans and for the roadway and curb grades and alignment.

This work will be paid for at the contract LUMP SUM price for CONSTRUCTION LAYOUT.

LANDSCAPE RESTORATION

This work shall be in accordance with Section 202, 211, 250 and 251 of the Standard Specifications insofar as applicable and the following provisions.

This work shall consist of restoring all areas disturbed by any construction process. The Contractor according to Article 202.03 of the Standard Specifications and as directed by the Engineer shall dispose of all surplus or unsuitable material.

Any restoration required, including Placement of Topsoil, Erosion Control Blanket, Seeding and Fertilizer shall be included in the cost of this item. Topsoil shall be in accordance with the requirements of Section 211; Seeding shall be Class 1 in accordance with the requirements of Section 250; Fertilizer shall be applied in accordance with the requirements of Article 250.04; the Erosion Control Blanket shall be in accordance with the requirements of Section 251 of the Standard Specifications. The erosion control blanket used shall have a deterioration period of no longer than three months.

Depth of topsoil placement shall be 4". Any additional material required beyond a depth of 4" shall be reclaimed from any excavated, suitable material as located onsite. No compensation will be provided for the placement of this additional material. If sufficient depth to place the four inches of topsoil is not available, the Contractor will be required to excavate the additional depth to place the required four inches and shall be included in the cost of this item.

The Contractor shall provide erosion control and general maintenance until the seed is fully established. A seeded area shall require repair if erosion occurs and/or the seed does not fully establish within a reasonable period of time. The limits and magnitude of the repair are at the discretion of the Engineer. Prior to final approval the Engineer will direct the contractor to restore all areas not exhibiting growth. The cost of any repair shall be included in the cost of this item and will not be paid for separately.

Additional areas damaged by machinery, construction equipment, Contractor negligence or over-excavation shall be repaired in accordance with this Special Provision, at the Contractor's expense.

This work shall be measured and paid for at the contract unit price per square yard for LANDSCAPE RESTORATION. This price shall include any necessary excavation work, disposal of excess material, shaping, topsoil, seeding, erosion control blanket, repair, mowing, and all material, equipment, and labor necessary to complete this work.

NON-SPECIAL, NON-HAZARDOUS SOIL WASTE DISPOSAL – TYPE 1

This work shall consist of the removal, transportation and disposal of the excavated material that does **not** meet the requirements of disposal at a CCDD facility and not needed for backfill or embankment shall be removed and disposed of at a permitted receiving facility (i.e. landfill) provide by the Contractor or other approved location.

Basis of Payment: This work shall be paid for at the contract unit price per TON for NON-SPECIAL, NON-HAZARDOUS SOIL WASTE DISPOSAL – TYPE 1, at which price shall be payment in full for the work as specified herein. Documentation from the permitted receiving facility indicating date, time, weight, driver, truck number, etc. shall be provided to the Engineer as a requirement for payment for this item.

Based on the information provided in the LPC-662, it is not anticipated that any contaminated material will be encountered; however, if any material is rejected from the CCDD facility it shall be brought back to the site or other location as determined by the Engineer. At that time, the Engineer will determine the level of testing required for necessary disposal of NON-SPECIAL, NON-HAZARDOUS SOIL WASTE DISPOSAL – TYPE 1. All testing shall be paid for by the Village of North Aurora.

Any cost to the Contractor for additional hauling, dumping, airing out soil, reloading, etc. shall be considered in the unit price for this item.

NON-SPECIAL, NON-HAZARDOUS SOIL WASTE DISPOSAL – TYPE 2

This work shall consist of the removal, transportation and disposal of the excavated material that does **not** meet the requirements of disposal at a CCDD facility and not needed for backfill or embankment shall be removed and disposed of at a location owned by the Village of North Aurora.

Basis of Payment: This work shall be paid for at the contract unit price per TON for NON-SPECIAL, NON-HAZARDOUS SOIL WASTE DISPOSAL – TYPE 2, at which price shall be payment in full for the work as specified herein. Measurement and/or cross- sections for the dumped material at the Village of North Aurora facility will be required for payment for this item.

Based on the information provided in the LPC-662, it is not anticipated that any contaminated material will be encountered; however, if any material is rejected from the CCDD facility it shall be transported to the Village’s designated location.

Any cost to the Contractor for additional hauling, dumping, etc. shall be considered in the unit price for this item.

FOUNDATION MATERIAL

This work shall consist of the installation of foundation material installed by methods and with materials in accordance with Section 20 of the Standard Specifications for Water & Sewer Main Construction in Illinois, except that the Foundation Material shall be IDOT gradation CA-7, meeting the requirements of Section 1003 of the Standard Specifications.

FOUNDATION MATERIAL shall be measured for payment as described in Section 20 of the Standard Specifications for Water & Sewer Main construction in Illinois. FOUNDATION MATERIAL shall include all costs associated with the removal and disposal of unsuitable material.

EXPLORATORY EXCAVATION

This work shall consist of excavating a trench at each of the sanitary services crossing the water main for verification whether the sanitary services meet the IEPA separation requirements with the water main that is being lined and at any other locations directed by the Engineer within the construction limits of the proposed improvements.

The excavation shall be deep enough to expose the existing utility, and the width of the excavation shall be sufficient to allow proper investigation by the Engineer to determine if the existing utility needs to be adjusted or replaced at the proposed utility crossings.

Areas of the exploratory trench requiring trench backfill shall be backfilled according to the requirements of the Standard Specifications.

This work shall be paid at the contract unit price per EACH for EXPLORATORY EXCAVATION which price shall include all equipment, trench backfill, labor, and material necessary to perform the work.

No extra compensation will be allowed for delays, inconvenience, or damage sustained by the Contractor performing the work.

WATER MAIN, ZINC COATED D.I.P., CLASS 52, WITH V-BIO POLY WRAP

Pipe shall be installed in accordance with the Standard Specifications for Water & Sewer Main construction in Illinois and manufacturer’s instructions for installing the type of pipe specified.

The exterior of the ductile iron pipe shall be coated with arc-sprayed zinc. The mass of zinc is to be 200 g/m² of surface area. A bituminous top coat shall be provided on top of the zinc. Zinc coating shall meet ISO 8179 except where noted within the specifications. The zinc coating of the water main shall be included in the lineal foot unit price.

All ductile-iron pipe and appurtenances shall be protected against corrosion with V-bio polyethylene wrapping in accordance with AWWA C-105-82, Method A and manufacturer’s installation procedures for V-bio polyethylene wrapping. The Contractor shall use V-bio enhanced polyethylene wrap or Engineer approved equal. To ensure protection against corrosive soils, all ductile iron pipe installed as part of the public system shall include V-bio polyethylene encasement. The encasement shall be installed in accordance with the following specifications.

Table 1 – Raw Material Used to Manufacture Polyethylene Film

All Characteristics	In Accordance with ASTM Standard Specifications D-1238-68
Type	I
Class	A (Natural Color) or C (Black)
Grade	E-I
Flow Rate (Melt Index)	0.4 Maximum
Thickness	0.008 inch (8 mils) Minimum
Volume Resistivity	Minimum Ohm-cm ³ = 10 ¹⁵
Tensile Strength	1200 psi Minimum
Elongation	300% Minimum
Dielectric Strength	800 Volts per mil Minimum

Polyethylene film shall have a minimum thickness of 0.008 inch (8 mils). The minimum thickness tolerance is ten percent (10%) of the nominal thickness.

Table 2 – Minimum Polyethylene Width

Nominal Diameter of Pipe (Inch)	Flat Tube (Inch)	Sheet (Inch)
6	21	48
8	24	48
10	27	54
12	30	60
16	37	74

The V-bio polyethylene encasement shall prevent contact between the pipe and the surrounding backfill and bedding material. Overlaps shall be secured by the use of adhesive tape.

When lifting polyethylene-encased pipe, a fabric type sling or a suitably padded cable or chain shall be used to prevent damage to the polyethylene. Any damage to the polyethylene wrap shall be taped with a polyethylene adhesive tape. Excess damage to the polyethylene encasement will result in a new polyethylene tube for that pipe.

Bends, reducers, offsets, and other pipe-appurtenances wrapped with polyethylene in the same manners as the pipe. When valves, tees, crosses, and other odd-shaped pieces cannot be wrapped practically in a tube, wrap with a flat sheet or split length of polyethylene tube by passing the sheet under the appurtenances and bringing it up around the body. Make seams by bringing the edges together, folding over twice, and taping down. Handle width and overlaps at joints as described above. Tape polyethylene securely in place at valve stem and other penetrations.

Excavation and backfill for water mains shall conform to the typical sections shown in the Plans and shall conform to the provisions of Sections 20, 21, and 22 of the Standard Specifications for Water & Sewer Main Construction in Illinois.

The trench, unless otherwise specified, shall have a flat bottom. The pipe shall be laid on 4 inches of bedding stone graded true and even so that the barrel of the pipe will have bearing for its full length. Bell holes shall be excavated for joints. Any part of the trench excavated below grade shall be corrected with an approved material and thoroughly compacted.

When water is encountered in the trench, it shall be removed during pipe laying and jointing operations. Provisions shall be made to prevent floating of the pipe. Trench water shall not be allowed to enter the pipe at any time. Dewatering, if required, shall be considered incidental to the Contract.

Basis of Payment: This work shall be paid for at the contract unit price per FOOT for WATER MAIN, ZINC COATED D.I.P., CLASS 52, WITH B-BIO POLY WRAP, of the size specified, which price shall include providing and installing the pipe, polyethylene wrap, bedding stone (if necessary), trench backfill, and other materials (not listed for payment separately), and all necessary labor, tools, equipment, and materials to complete this work.

STAINLESS STEEL WATER MAIN T-HEAD BOLTS AND NUTS

Stainless steel T-head bolts and nuts shall be series S30400 AISI 304 meeting ASTM A193. To prevent galling the entire surface of the bolt shall be spray coated with burgundy colored 1010 Xylan as

manufactured by Whitford Worldwide or approved equal. This item shall be incidental to the per foot cost of the water main.

WATER MAIN INSULATION

This work shall consist of insulating the water main in locations as shown on the Plans or as directed by the Engineer.

Water main shall be insulated whenever cover over the water main is less than five feet (5'). The insulation material shall be Styrofoam Highload 60 Extruded Polystyrene Insulation manufactured by DOW Chemical Company or approved equal with minimum dimensions of 3 inches (3") thick and 4 feet (4') wide.

Prior to placement of the insulation, bedding material shall be placed to a height 6 inches (6") over the top of the pipe, leveled and compacted. The insulation shall be placed on the cover material with the long side parallel to the centerline of the water main for a minimum width of O.D. + 2 feet (2'). The insulation shall be placed in a staggered arrangement to eliminate continuous transverse joints. All joints shall be sealed with tape.

Basis of Payment: This work shall be paid for at the contract unit price per SQUARE YARD for WATER MAIN INSULATION, which price shall include providing and installing the insulation, bedding stone (if necessary), trench backfill and other materials (not listed for payment separately) and all necessary labor, tools, equipment, and materials necessary to complete this work.

VALVE IN VALVE VAULT

This item shall consist of removal of existing water main, installing a valve, watertight valve vault, frame and lid, and water main and fittings at locations needed for reconnection as shown on the Plans and as described herein at location of new valves.

Valve vaults shall be installed at the locations indicated in the plans or as directed by the Engineer and shall conform with the detail included in the plans. Valves shall be centered directly under the vault lid opening unless otherwise approved by the Engineer. The gate valves shall be suitable for ordinary water works service, intended to be installed in a normal position on buried pipelines for water distribution systems.

Gate valves shall be Clow or Waterous and conform with AWWA C-515-20 ductile iron. Main line valves shall be furnished with mechanical joint connections and restrained with Mega Lugs. Valves twelve inch (12") and smaller shall be bubble tight at 200 psi water working pressure. All gate valves shall have a non-rising stem, shall have a standard 2" square operating nut and shall open in a counter-clockwise direction.

Each valve shall have marker's name, pressure rating and year in which manufactured cast on the body. Prior to shipment from the factory, each valve shall be tested by hydrostatic pressure equal to twice the specified working pressure.

Valves eight inch or smaller shall be in a valve vault with a minimum of four feet inside diameter. Valves ten inches or greater shall be in a valve vault with a minimum of five feet inside diameter.

The valve vaults shall be made watertight. All joints of the vault shall be set in two butyl ropes and have Gator Wrap or engineer approved alternate on the exterior. A rubber boot connector assembly that meets ASTM C923 requirements shall be installed at walls where pipe penetrates the vault.

The new frame and grates and lids shall be the following models:

- Type 1 Frame and Grate, Closed Lid, Watertight Gasket East Jordan 1020

All closed lid castings furnished under this contract shall be embossed with the words "VILLAGE OF NORTH AURORA". The top surface of closed lids shall also be embossed with the word "WATER".

Basis of Payment: This work shall be paid for at the contract unit price EACH for VALVE IN VAULT, of the size specified. Price shall include excavation, removal and disposal of existing water main, providing and installing the valve, valve vault, water main and fittings for reconnection, trench backfill, frame, grate, and lid, and all necessary labor, tools, equipment and materials necessary to complete this work.

PRESSURE CONNECTION TO EXISTING WATER MAIN

This work shall consist of all excavation, furnishing and installing the tapping valve, saddle; valve vault; frame and closed lid and appurtenances; furnishing and installing the valve tie downs and thrust blocking; fittings; reducers; sleeves all in accordance with the plans and specifications.

Tapping sleeves shall be ductile iron construction meeting ASTM A536 Grade 65-45-12. Tapping valves shall be resilient wedge with cast iron body, fully bronze mounted, and non-rising stem with upper and lower thrust collars. Waterways shall be smooth. All valves shall have a standard 2" square operating nut and shall open by turning counterclockwise. Valves shall meet or exceed AWWA C-500. Valves shall be Waterous or Clow. All nuts, bolts, and threaded rods shall be stainless steel, Grade 304 bolts and Grade 316 nuts. End connections of all valves shall be mechanical joint with Mega Lug retainers.

All gate valves shall be furnished with O-Ring Stem Seals. Number, size and design shall conform to the AWWA Standard for R/W valve O-Ring Stem Seals. The minim requirements for all valves shall, in design, material and workmanship, conform to the standards of the latest AWWA C509-87 and C504. All materials used in the manufacture of waterworks valve shall conform to the AWWA standards designed for each material listed.

Valve vaults shall be five feet (5') in diameter for 12" diameter and smaller pressure connections. Valve vaults shall be six feet (6') in diameter for pressure connections greater than 12" diameter.

The valve vaults shall be made watertight. All joints of the vault shall be set in two butyl ropes and have Gator Wrap or engineer approved alternate on the exterior.

The new frame and grates and lids shall be the following models:

- Type 1 Frame and Grate, Closed Lid, Watertight Gasket East Jordan 1020

All closed lid castings furnished under this contract shall be embossed with the words "VILLAGE OF NORTH AURORA". The top surface of closed lids shall also be embossed with the word "WATER".

The valves shall be standard pattern and shall have the name or mark of the manufacturer, size, year in which manufactured, and working pressure plainly cast in raised letters on the valve body. Prior to

shipment from the factory, each valve shall be tested by hydrostatic pressure equal to twice the specified working pressure.

Basis of Payment: This work shall be paid for at the contract unit price per EACH for PRESSURE CONNECTION AND GATE VALVE IN VAULT for the size specified, which price shall include all labor, equipment, and material necessary to perform this work in accordance with the plans, specifications, and as directed by the Engineer in the field.

INSERTION VALVE

This item shall consist of furnishing and installing an insertion valve and valve vault or valve box at the locations shown on the Plans or per the direction of the Village and as described herein.

Insertion valves shall be suitable for ordinary water works service and shall comply with AWWA standards for permanent valve installation. The valve shall be installed under pressure without disruption to service.

Insertion valves shall be Hydra-Stop Insta-Valve 250 or AVT EZ Valve and shall be installed per manufacturer's specifications. The Contractor shall provide the Engineer with manufacturer's drawings illustrating and describing the fittings proposed to be furnished.

Valves eight inch or smaller shall be located in a valve vault with a minimum of four feet inside diameter. Valves ten inches or greater shall be located in a valve vault with a minimum of five feet inside diameter.

The valve vaults shall be made watertight. All joints of the vault shall be set in two butyl ropes and have Gator Wrap or engineer approved alternate on the exterior.

The new frame and grates and lids shall be the following models:

- Type 1 Frame and Grate, Closed Lid, Watertight Gasket East Jordan 1020

All closed lid castings furnished under this contract shall be embossed with the words "VILLAGE OF NORTH AURORA". The top surface of closed lids shall also be embossed with the word "WATER".

Insertion valves shall be located in a cast iron valve box, two piece 5 ¼" shafts, screw-type Tyler Model 664-S or approved equal, and the lids shall be marked "water". Must include a valve box stabilizer.

The Contractor shall expose the water main at the location of the valve to confirm the size, type, and condition of piping present. The Contractor shall obtain the necessary materials required to install the valve. The Contractor shall not proceed until they have all the required materials on site.

Basis of Payment: This work shall be paid for at the contract unit price EACH for INSERTION VALVE AND VALVE VAULT of the size specified. Price shall include excavation, providing and installing the insertion valve, valve vault, valve box, valve box stabilizer, trench backfill, surface restoration, and all necessary labor, tools, equipment and materials necessary to complete this work.

FIRE HYDRANT ASSEMBLY

This item shall consist of furnishing and installing a new fire hydrant assembly as shown on the Plans and as described herein.

Installation of a tee on the water main and the water main for the hydrant lead is included in this item.

Hydrants shall be manufactured to the latest and best design conforming to the current AWWA Specifications C-502, "Standard for Dry Barrel Fire Hydrants" and shall be of the breakaway style traffic design.

Hydrants shall be easy and economical to install and maintain, shall incorporate no parts requiring field adjustment, and shall place nozzle at least eighteen inches (18") above the hydrant ground line to fully comply with the National Fire protection Association, Fire Protection Handbook, latest edition. Any vertical adjustments or hydrant extensions will not be paid for separately but shall be considered incidental to the Fire Hydrant Assembly.

Hydrant shall be equipped with an automatic drain.

Fire hydrants shall be painted red at the factory and not repainted in the field.

All contractors/suppliers shall include (A) a detailed drawing to include a parts list indicating the material construction and applicable ASTM Standards for each part or item; and (B) flow data for the proposed hydrant.

6-inch fire hydrants to be supplied shall be Clow Medallion Hydrants with two-two and one half inch (2 ½") NST (National Standard Threads) hose nozzles and one-four inch (4") Stortz Nozzle. The main valve opening size shall be five and one quarter inch (5 ¼"). The inlet shall be six inch (6") mechanical joint (complete with accessories). Hydrants shall open by turning left (counterclockwise). A 6-foot fiberglass whip shall be furnished.

Hydrants shall be installed in accordance with the applicable provisions of Section 45 of the Standard Specification.

All six inch (6") mechanical joint auxiliary valves shall be constructed with a cast iron valve box, two piece five and one quarter inch (5 ¼") shafts, screw-type Tyler Model 664-S or approved equal, and the lids marked "water".

All nuts, bolts, and threaded rods shall be stainless steel, Grade 304 bolts and Grade 316 nuts.

Basis of Payment: This work shall be paid for at the contract unit price EACH for FIRE HYDRANT ASSEMBLY, which shall include labor and material (including any ductile iron pipe and ductile iron fittings) necessary to install the hydrant, the valve, valve box, valve box stabilizer, valve box grip, trench backfill, fiberglass whip, and thrust block as detailed in the Plans.

CONNECTIONS TO EXISTING WATER MAIN

This work shall consist of making connections to the existing water mains at locations shown on the plans and as described herein.

Where the connection of new work and old require interruption of services and notification of customers affected, the superintendent of the Utility (Village), the Engineer, and the Contractor shall mutually agree upon a date and time for the connections which will allow ample time to assemble labor and materials, and to notify all customers affected. Customers shall be notified at least 48 hours prior to being taken out of service.

Valves on existing mains shall not be operated by the Contractor (unless otherwise authorized by the Village) and will be closed and opened only by the employees of the Village's Water Department.

The Contractor shall expose the water main to be connected to and shall confirm the size and type of piping present. The Contractor shall obtain the necessary materials required to make a proper connection. The Contractor shall not proceed until they have the required materials and equipment on site. The Contractor shall limit the time for the interconnections to four hours. In no case, shall a customer be out of service overnight.

Once the new water mains have been tested and approved for service then the Contractor shall, under the direction of the Engineer and Village, place the new water main in service.

Any water main required to complete the connection on the existing water main (adjacent to the tee or sleeve) and if dewatering is required, shall be considered incidental.

Connections to existing mains done with a pressure connection are not paid for with this item. Refer to Special Provision for PRESSURE CONNECTION TO EXISTING WATER MAIN.

Basis of Payment: This work will be paid for at the contract unit price per EACH for CONNECTION TO EXISTING WATER MAIN for size specified, which price shall include all equipment, labor, sleeves, connecting pipe, rounded stone bedding, trench backfill, and other materials (not listed for payment separately) required to make proper connection of the existing water mains to the proposed water mains.

WATER SERVICE CONNECTION

This work shall consist of furnishing and installing all materials required to connect the existing water services to the newly installed water main once the new main has met all testing requirements. The tap, corporation stop and curb box, joint materials and other required fittings, and installation necessary are considered as a part of this item.

Corporation stops and curb stops shall be A. Y. McDonald ball style valves with compression fittings and shall conform to the current AWWA C-800 "Underground Service Line Valves and Fittings" standard.

The removal of the existing b-box shall be considered incidental to this pay item. The Village will collect all removed b-boxes from the job site. The Contractor shall protect the b-boxes from any damage and place them in one neat pile located on the job site.

The Contractor shall schedule with the Village, the inspection of the service by a licensed Plumber.

Basis of Payment: This work shall be paid for at the contract unit price per EACH for WATER SERVICE CONNECTION of the size specified, which shall include providing and installing the service, fittings, trench backfill, and all necessary labor, tools, equipment, and materials necessary to complete this work.

WATER SERVICE LINE, TYPE "K" COPPER, 1-INCH

This work shall consist of furnishing and installing all materials required to install the water service line from the new water main to the new b-box via open cut or trenchless methods.

The water service shall be continuous and have no intermediate unions.

If the type "K" copper water service pipe has been cut, the pipe shall be deburred and re-rounded/resized prior to installation of the fittings.

Any pavement removal, concrete curb, and/or sidewalk removal is included in the unit price for this item.

Basis of Payment: The installation of the type "K" copper service pipe shall be paid for at the contract unit price per FOOT for WATER SERVICE LINE, TYPE "K" COPPER, 1-INCH, which shall include providing and installing the service pipe, fittings, trench backfill, and all necessary labor, tools, equipment, and materials necessary to complete this work.

DUCTILE IRON FITTINGS

Any fittings required to install the water main, valves, and fire hydrants in accordance with the engineering Plans are considered incidental to the cost of the project. All vertical water main adjustments shall be accomplished by deflection, not bends in the water main, unless approved by the Engineer.

The cost of furnishing and installing ductile iron fittings is considered incidental to the project.

MECHANICAL JOINT ACCESSORIES

Mechanical Joint Accessories, consisting of, but not limited to, gaskets, glands, retainer glands, and bolts are considered incidental to the cost of DUCTILE IRON FITTINGS. Weight of fittings in the Bid Schedule does not include weight of accessories. All nuts, bolts, and threaded rods shall be stainless steel, Grade 304 bolts and Grade 316 nuts.

RETAINER GLANDS AND FIELD LOK GASKETS

All mechanical joint fittings, valves, and hydrants shall be restrained with retainer glands. Retainer glands shall be EBAA Iron Series 1100 Megalug, Uni-Flange Series 1400, Stargrip Series 3000, or Sigma One Lok SLD. In addition to the "megalug" style retaining glands to be used at all mechanical joint fittings, the gasket at each join one pipe length beyond the fitting shall be a Field Lok gasket.

The cost of furnishing and installing retainer glands and Field Lok gaskets is considered incidental to the project.

THRUST BLOCKING

Blocking to prevent movement of lines under pressure at bends, tees, caps, valves, plugs and hydrants shall be Portland Cement Concrete, rated at 3500 psi, a minimum of twelve inch (12") thick, placed between solid ground and the fittings, and shall be anchored in such a manner that pipe and fitting joints will be accessible for repairs. The Contractor shall provide a polyethylene cover of the pipe and/or fitting joints prior to installation of the concrete.

The cost of furnishing and installing thrust blocking is considered incidental to the project.

HYDROSTATIC TESTS AND DISINFECTION OF THE WATER MAIN

The Contractor shall perform Hydrostatic Tests in accordance with Division IV, Section 41 of the Technical Specifications and applicable provisions of AWWA C-600 and C-603. The water main shall be pressure tested at 150 psi.

The test pressure shall not drop more than 2 psi for the duration of the test. Allowable leakage shall be set forth in Section 41 of the Technical Specifications. Duration of the test shall be two (2) hours minimum. The gauge should be of good quality and condition, and be fluid filled. The gauge should have

large enough range for the pressure being tested and should be capable of reading a minimum pressure of one (1) psi. The testing length shall be limited to 1,000 feet. If more than 1,000 feet of water main is tested, the allowable leakage will be based upon 1,000 feet.

Upon completion of the newly laid water main, the water main shall be disinfected in accordance with the American Water Works Association, Procedure Destination, AWWA C-651.

The Contractor is responsible for coordination the collection of water samples with the Village of North Aurora. The Village and Engineer shall be present when the samples are taken. The Village will deliver the water samples to the lab to be tested. The sampling and testing shall be performed as required by the Illinois Environmental Protection Agency (IEPA).

Water samples collected on two (2) successive days from the treated piping system shall show satisfactorily bacteriological results. Bacteriological analyses must be performed by a laboratory certified by the IEPA and approved by the Engineer.

Should the initial treatment result in an unsatisfactorily bacterial test, the original chlorination procedure shall be repeated by the Contractor until satisfactory results are obtained.

The Contractor shall furnish to the Village the required documentation, test results, etc. required by the IEPA for placing the water main in service.

Basis of Payment: This work shall be paid for at the contract unit price per LUMP SUM for WATER MAIN TESTING – PRESSURE AND DISINFECTION, which price shall include all necessary labor and materials to pressure test, disinfect, and test the water main, all as required to place the water main in service in accordance with the IEPA regulations. No additional compensation shall be paid for required retesting or testing the water main in phases.

WATER MAIN REMOVAL

This item shall consist of the removal of the existing water main as shown on the Plans where the proposed water main is in conflict with the existing.

Basis of Payment: Water main removal will be paid for at the contract unit price per FOOT as WATER MAIN REMOVAL, of the size specified which shall include all necessary labor, tools, equipment, and materials necessary to remove the existing water main.

FIRE HYDRANT ASSEMBLY REMOVAL

This item shall consist of the removal of the existing fire hydrant as shown on the Plans and plug the tee at the water main. Removal shall include the excavation and physical removal of the fire hydrant, auxiliary valve and valve box. Excavation of the connection at the water main to install a plug. Removal shall also include capping the existing fire hydrant lead.

For surface restoration located outside the limits of the bituminous roadway, the item shall include the excavation and physical removal of the valve box and backfilling the void left by the valve box with earthen backfill. For restoration in the asphalt roadway, the item shall include the trench backfill.

The Village will collect all removed hydrants from the job site. The Contractor shall protect the removed hydrants from any damage and place the hydrants in one neat pile located on the job site. All other materials shall be disposed of by the Contractor.

Ductile Iron Fittings required for these disconnections are included in the contract unit price for this item.

Basis of Payment: Fire hydrant removal will be paid for at the contract unit price per EACH as FIRE HYDRANT ASSEMBLY REMOVAL, which shall include all necessary labor, tools, equipment, and materials necessary to remove existing hydrants, and plug tee.

VALVE VAULT TO BE ABANDONED

This item shall consist of the removal of the existing valve and removal of the cone section of the valve vault at locations shown on the Plans. Removal shall include the excavation and physical removal of the valve.

The water main shall be capped after removal of the existing valve. The portion of the valve vault left in place shall be backfilled with CA-7 up to six inches above the vault remaining in place.

The Village will collect all removed valves from the job site. The Contractor shall protect the valves from any damage and place them in one neat pile located on the job site.

Basis of Payment: This work will be paid for at the contract unit price per EACH as VALVE VAULT TO BE ABANDONED, which price shall include removal and disposal, trench backfill, and all necessary labor, tools, equipment, and materials necessary to remove existing valve boxes.

DISCONNECT AND ABANDON EXISTING WATER MAIN

This item shall consist of the Contractor disconnecting and abandoning the existing water main at locations shown on the Plans, and in the manner detailed herein. Existing water main that is in conflict with the proposed water main shall be removed as a part of this item.

Disconnecting and abandoning the existing water main shall only occur after all water services have been transferred to the proposed water main.

Disconnecting the existing water main will require interruption of services. The Village, the Engineer, and the Contractor shall mutually agree upon a date and time for disconnections which will allow ample time to assemble labor and materials, and to notify all customers affected. Customers shall be notified at least 48 hours prior to being taken out of service.

The Contractor shall not operate valves on existing mains (unless otherwise authorized by the Village), and will be closed and opened only by the employees of the Village's Water Department.

The Contractor shall expose the water main to be disconnected and shall confirm the size and type of piping present. The Contractor shall obtain the necessary materials required to make a proper disconnection. The Contractor shall not proceed until he has all the required materials on site. The Contractor shall limit the time for disconnections to four (4) hours. In no case, shall a customer be out of service overnight.

For water mains that are to be disconnected from existing water main that is to remain, the Contractor shall excavate and disconnect the pipe to be abandoned. If the pipe to be abandoned is connected to

remain via a tee, the tee shall be plugged with a DIP mechanical joint plug and must be blocked/braced behind the plug. If the water main to be removed is connected to the water main via a cross, the pipe shall be removed from the cross and replaced with a DIP mechanical joint plug and must be blocked/braced behind the plug.

A mechanical joint cap will be required at the end of the abandoned water main.

Basis of Payment: This work will be paid for at the contract unit price per LUMP SUM for DISCONNECT AND ABANDON EXISTING WATER MAIN, which price shall include all equipment, labor, disposal of abandoned pipe, stone bedding, connection pipe, and other materials (not listed for payment separately) required to properly disconnect the existing water mains. Any trench backfill and thrust blocking required to disconnect and abandon the existing water main shall be considered incidental to the pay item.

SANITARY SEWER SERVICE REPLACEMENT (WATER MAIN QUALITY)

This work shall consist of replacing the sanitary sewer services or risers in accordance with Fox Metro Water Reclamation District (FMWRD) requirements as required and directed by the Engineer to meet IEPA separation requirements. Replacement material shall be water main quality polyvinyl chloride (PVC) sewer pipe conforming to ASTM Designation D-2241 with elastomeric gasket joints conforming to ASTM F477 and shall be six inches (6") in diameter or to match existing. The PVC should be connected to the existing sanitary sewer service material on each side using non-shear Mission couplings. All sanitary services shall be inspected and approved by FMWRD prior to backfilling operations. The Contractor shall comply with all requests made by FMWRD regarding the sanitary sewer. The Contractor shall contact Don Davis with FMWRD for inspections at 630-327-8919.

Basis of Payment: This work will be paid for at the contract unit price per FOOT for SANITARY SEWER SERVICE REPLACEMENT (WATER MAIN QUALITY), 6-INCH, which price shall include the installation of the pipe, wyes, joint materials, connections, service risers, excavation, bedding, backfilling and all work as mentioned above.

No additional compensation will be provided to the Contractor for delays associated with sanitary sewer service replacements.

STREET SWEEPING

While daily street cleanup is still required, street sweeping, if deemed necessary by the Village or Engineer, may be required. Street sweeping shall be done with a mechanical sweeper truck which is equipped with water sprayers, mechanical brooms, and vacuums. Measures shall be taken to prevent excessive dust during street sweeping operations.

Street sweeping will be paid for at the contract unit price per CALENDAR DAY for DUST CONTROL – MECHANICAL SWEEPING. The calendar days will be based off of an 8 hour workday. If the street sweeper is only on site for a partial day, the Contractor will be paid accordingly. The minimum payment will be for two hours (i.e. 0.25 cal days), and durations exceeding two hours will be round up and paid for the next two-hour increment.

The disposal of the accumulated debris collected by the street sweeper shall be included in the pay item. If the street sweeper needs to be filled with water, it shall be done in accordance with the WATER REQUIRED FOR CONSTRUCTION special provision. Street sweeping does not alleviate the Contractor from performing daily cleanup, which typically includes mechanical methods.

Kane County Prevailing Wage Rates posted on 1/15/2025

Trade Title	Rg	Type	C	Base	Foreman	Overtime					Pension	Vac	Trng	Other Ins	Add OT 1.5x owed	Add OT 2.0x owed
						M-F	Sa	Su	Hol	H/W						
ASBESTOS ABT-GEN	All	ALL		50.15	51.15	1.5	1.5	2.0	2.0	15.53	19.10	0.00	0.91		0.00	0.00
ASBESTOS ABT-MEC	All	BLD		41.27	44.57	1.5	1.5	2.0	2.0	15.84	16.02	0.00	0.90		3.11	6.21
BOILERMAKER	All	BLD		55.76	60.77	2.0	2.0	2.0	2.0	6.97	26.44	0.00	3.34	1.95	0.00	38.26
BRICK MASON	All	BLD		52.06	57.27	1.5	1.5	2.0	2.0	12.70	24.54	0.00	1.24	0.00	3.99	7.98
CARPENTER	All	ALL		55.11	57.11	1.5	1.5	2.0	2.0	12.89	26.87	1.55	0.93	0.00	0.00	0.00
CEMENT MASON	All	ALL		51.00	53.00	2.0	1.5	2.0	2.0	12.19	29.96	0.00	0.80	0.00	0.00	0.00
CERAMIC TILE FINISHER	All	BLD		47.09	47.09	1.5	1.5	2.0	2.0	13.00	16.82	0.00	1.09	0.00	5.17	10.34
CERAMIC TILE LAYER	All	BLD		54.84	59.84	1.5	1.5	2.0	2.0	13.00	20.68	0.00	1.17	0.00	7.15	14.30
COMMUNICATION TECHNICIAN	N	BLD		46.63	49.03	1.5	1.5	2.0	2.0	14.67	19.15	0.00	0.93		10.03	20.08
COMMUNICATION TECHNICIAN	S	BLD		47.11	50.36	1.5	1.5	2.0	2.0	17.30	17.69	0.00	1.65		0.00	0.00
ELECTRIC PWR EQMT OP	All	ALL		50.82	69.34	1.5	1.5	2.0	2.0	7.25	14.22	0.00	1.52	1.52	8.63	17.26
ELECTRIC PWR GRNDMAN	All	ALL		39.04	69.34	1.5	1.5	2.0	2.0	7.25	10.93	0.00	1.17	1.17	6.63	13.27
ELECTRIC PWR LINEMAN	All	ALL		61.09	69.34	1.5	1.5	2.0	2.0	7.25	17.10	0.00	1.83	1.83	10.38	20.76
ELECTRIC PWR TRK DRV	All	ALL		40.46	69.34	1.5	1.5	2.0	2.0	7.25	11.33	0.00	1.21	1.21	6.87	13.75
ELECTRICIAN	N	ALL		55.99	60.39	1.5	1.5	2.0	2.0	16.54	22.78	0.00	1.68	0.00	12.23	24.46
ELECTRICIAN	S	BLD		57.32	63.05	1.5	1.5	2.0	2.0	17.05	22.05	0.00	2.00	0.00	0.00	0.00
ELEVATOR CONSTRUCTOR	All	BLD		67.84	76.32	2.0	2.0	2.0	2.0	16.18	20.96	5.42	0.75		0.00	0.00
FENCE ERECTOR	All	ALL		48.53	54.35	1.5	1.5	2.0	2.0	13.21	26.70	0.00	1.80	0.00	0.00	0.00
GLAZIER	All	BLD		51.55	53.05	1.5	2.0	2.0	2.0	15.64	26.18	0.00	2.27	0.00	0.00	0.00
HEAT/FROST INSULATOR	All	BLD		55.02	58.32	1.5	1.5	2.0	2.0	15.84	19.01	0.00	0.90		4.60	9.20
IRON WORKER	All	ALL		53.40	59.81	2.0	2.0	2.0	2.0	13.21	30.79	0.00	1.80	0.00	0.00	0.00
LABORER	All	ALL		50.15	50.90	1.5	1.5	2.0	2.0	15.53	19.10	0.00	0.91		0.00	0.00
LATHER	All	ALL		55.11	57.11	1.5	1.5	2.0	2.0	12.89	26.87	1.55	0.93	0.00	0.00	0.00
MACHINIST	All	BLD		58.39	62.39	1.5	1.5	2.0	2.0	9.93	8.95	1.85	1.47		0.00	0.00
MARBLE FINISHER	All	ALL		39.50	53.55	1.5	1.5	2.0	2.0	12.70	22.32	0.00	0.73	0.00	2.88	5.76
MARBLE SETTER	All	BLD		51.00	56.10	1.5	1.5	2.0	2.0	12.70	24.01	0.00	0.92	0.00	3.73	7.45

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MATERIAL TESTER I	All	ALL		40.15		1.5	1.5	2.0	2.0	15.53	19.10	0.00	0.91		0.00	0.00
MATERIALS TESTER II	All	ALL		45.15		1.5	1.5	2.0	2.0	15.53	19.10	0.00	0.91		0.00	0.00
MILLWRIGHT	All	ALL		55.11	57.11	1.5	1.5	2.0	2.0	12.89	26.87	1.55	0.93	0.00	0.00	0.00
OPERATING ENGINEER	All	BLD	1	60.80	64.80	2.0	2.0	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	BLD	2	59.50	64.80	2.0	2.0	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	BLD	3	56.95	64.80	2.0	2.0	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	BLD	4	55.20	64.80	2.0	2.0	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	BLD	5	64.55	64.80	2.0	2.0	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	BLD	6	61.80	64.80	2.0	2.0	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	BLD	7	63.80	64.80	2.0	2.0	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	FLT		50.50	50.50	1.5	1.5	2.0	2.0	23.95	21.40	2.00	2.85	0.00	0.00	0.00
OPERATING ENGINEER	All	HWY	1	59.00	63.00	1.5	1.5	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	HWY	2	58.45	63.00	1.5	1.5	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	HWY	3	56.40	63.00	1.5	1.5	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	HWY	4	55.00	63.00	1.5	1.5	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	HWY	5	53.80	63.00	1.5	1.5	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	HWY	6	62.00	63.00	1.5	1.5	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	HWY	7	60.00	63.00	1.5	1.5	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
ORNAMENTAL IRON WORKER	E	ALL		57.51	60.51	2.0	2.0	2.0	2.0	14.31	26.50	0.00	2.00	0.00	0.00	0.00
PAINTER	All	ALL		53.05	55.05	1.5	1.5	1.5	2.0	16.08	9.90	0.00	1.65	0.00	0.00	0.00
PAINTER - SIGNS	All	BLD		45.49	51.09	1.5	1.5	2.0	2.0	8.20	16.81	0.00	0.00	0.00	0.00	0.00
PILEDRIVER	All	ALL		55.11	57.11	1.5	1.5	2.0	2.0	12.89	26.87	1.55	0.93	0.00	0.00	0.00
PIPEFITTER	All	BLD		57.00	60.00	1.5	1.5	2.0	2.0	13.65	22.85	0.00	3.12	0.00	0.00	0.00
PLASTERER	All	BLD		50.00	53.00	1.5	1.5	2.0	2.0	17.81	21.22	0.00	1.15		0.00	0.00
PLUMBER	All	BLD		58.55	62.05	1.5	1.5	2.0	2.0	17.75	17.74	0.00	1.83		0.00	0.00
ROOFER	All	BLD		50.25	55.25	1.5	1.5	2.0	2.0	11.98	17.34	0.00	1.11	0.00	0.00	0.00
SHEETMETAL WORKER	All	BLD		56.35	60.86	1.5	1.5	2.0	2.0	15.41	19.83	0.00	1.79	2.62	0.00	0.00
SPRINKLER FITTER	All	BLD		60.00	62.75	1.5	1.5	2.0	2.0	14.95	19.40	0.00	1.10	0.00	0.00	0.00
STONE MASON	All	BLD		52.06	57.27	1.5	1.5	2.0	2.0	12.70	24.54	0.00	1.24	0.00	3.99	7.98

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SURVEY WORKER	All	BLD		50.15	50.90	1.5	1.5	2.0	2.0	15.53	19.10	0.00	0.91		0.00	0.00
SURVEY WORKER	All	HWY		50.15	50.90	1.5	1.5	2.0	2.0	15.53	19.10	0.00	0.91		0.00	0.00
TERRAZZO FINISHER	All	BLD		48.94	48.94	1.5	1.5	2.0	2.0	13.00	18.42	0.00	1.11	0.00	4.22	8.44
TERRAZZO MECHANIC	All	BLD		52.85	56.35	1.5	1.5	2.0	2.0	13.00	19.81	0.00	1.15	0.00	4.47	8.94
TRAFFIC SAFETY WORKER I	All	HWY		42.10	43.70	1.5	1.5	2.0	2.0	11.11	9.81	0.00	1.05	0.00	0.00	0.00
TRAFFIC SAFETY WORKER II	ALL	HWY		43.10	44.70	1.5	1.5	2.0	2.0	11.11	9.81	0.00	1.05	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	1	44.06		1.5	1.5	2.0	2.0	11.65	15.35	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	2	44.21		1.5	1.5	2.0	2.0	11.65	15.35	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	3	44.41		1.5	1.5	2.0	2.0	11.65	15.35	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	4	44.61		1.5	1.5	2.0	2.0	11.65	15.35	0.00	0.25	0.00	0.00	0.00
TUCKPOINTER	All	BLD		51.53	52.53	1.5	1.5	2.0	2.0	10.05	22.66	0.00	1.15	0.00	0.00	0.00

Legend

Rg Region

Type Trade Type - All,Highway,Building,Floating,Oil & Chip,Rivers

C Class

Base Base Wage Rate

OT M-F Unless otherwise noted, OT pay is required for any hour greater than 8 worked each day, Mon through Fri. The number listed is the multiple of the base wage.

OT Sa Overtime pay required for every hour worked on Saturdays

OT Su Overtime pay required for every hour worked on Sundays

OT Hol Overtime pay required for every hour worked on Holidays

H/W Health/Welfare benefit

Vac Vacation

Trng Training

Other Ins Employer hourly cost for any other type(s) of insurance provided for benefit of worker.

Explanations KANE COUNTY

ELECTRICIANS AND COMMUNICATIONS TECHNICIAN (NORTH) - Townships of Burlington, Campton, Dundee, Elgin, Hampshire, Plato, Rutland, St. Charles (except the West half of Sec. 26, all of Secs. 27, 33, and 34, South half of Sec. 28, West half of Sec. 35), Virgil and Valley View CCC and Elgin Mental Health Center.

The following list is considered as those days for which holiday rates of wages for work performed apply: New Years Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, Christmas Day and Veterans Day in some classifications/counties. Generally, any of these holidays which fall on a Sunday is celebrated on the following Monday. This then makes work performed on that Monday payable at the appropriate overtime rate for holiday pay. Common practice in a given local may alter certain

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days of celebration. If in doubt, please check with IDOL.

EXPLANATION OF CLASSES

ASBESTOS - GENERAL - removal of asbestos material/mold and hazardous materials from any place in a building, including mechanical systems where those mechanical systems are to be removed. This includes the removal of asbestos materials/mold and hazardous materials from ductwork or pipes in a building when the building is to be demolished at the time or at some close future date.

ASBESTOS - MECHANICAL - removal of asbestos material from mechanical systems, such as pipes, ducts, and boilers, where the mechanical systems are to remain.

CERAMIC TILE FINISHER

The grouting, cleaning, and polishing of all classes of tile, whether for interior or exterior purposes, all burned, glazed or unglazed products; all composition materials, granite tiles, warning detectable tiles, cement tiles, epoxy composite materials, pavers, glass, mosaics, fiberglass, and all substitute materials, for tile made in tile-like units; all mixtures in tile like form of cement, metals, and other materials that are for and intended for use as a finished floor surface, stair treads, promenade roofs, walks, walls, ceilings, swimming pools, and all other places where tile is to form a finished interior or exterior. The mixing of all setting mortars including but not limited to thin-set mortars, epoxies, wall mud, and any other sand and cement mixtures or adhesives when used in the preparation, installation, repair, or maintenance of tile and/or similar materials. The handling and unloading of all sand, cement, lime, tile, fixtures, equipment, adhesives, or any other materials to be used in the preparation, installation, repair, or maintenance of tile and/or similar materials. Ceramic Tile Finishers shall fill all joints and voids regardless of method on all tile work, particularly and especially after installation of said tile work. Application of any and all protective coverings to all types of tile installations including, but not be limited to, all soap compounds, paper products, tapes, and all polyethylene coverings, plywood, masonite, cardboard, and any new type of products that may be used to protect tile installations, Blastrac equipment, and all floor scarifying equipment used in preparing floors to receive tile. The clean up and removal of all waste and materials. All demolition of existing tile floors and walls to be re-tiled.

COMMUNICATIONS TECHNICIAN

Construction, installation, maintenance and removal of telecommunication facilities (voice, sound, data and video), telephone, security systems, fire alarm systems that are a component of a multiplex system and share a common cable, and data inside wire, interconnect, terminal equipment, central offices, PABX and equipment, micro waves, V-SAT, bypass, CATV, WAN (wide area network), LAN (local area networks), and ISDN (integrated system digital network), pulling of wire in raceways, but not the installation of raceways.

MARBLE FINISHER

Loading and unloading trucks, distribution of all materials (all stone, sand, etc.), stocking of floors with material, performing all rigging for heavy work, the handling of all material that may be needed for the installation of such materials, building of scaffolding, polishing if needed, patching, waxing of material if damaged, pointing up, caulking, grouting and cleaning of marble,

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holding water on diamond or Carborundum blade or saw for setters cutting, use of tub saw or any other saw needed for preparation of material, drilling of holes for wires that anchor material set by setters, mixing up of molding plaster for installation of material, mixing up thin set for the installation of material, mixing up of sand to cement for the installation of material and such other work as may be required in helping a Marble Setter in the handling of all material in the erection or installation of interior marble, slate, travertine, art marble, serpentine, alberene stone, blue stone, granite and other stones (meaning as to stone any foreign or domestic materials as are specified and used in building interiors and exteriors and customarily known as stone in the trade), carrara, sanionyx, vitrolite and similar opaque glass and the laying of all marble tile, terrazzo tile, slate tile and precast tile, steps, risers treads, base, or any other materials that may be used as substitutes for any of the aforementioned materials and which are used on interior and exterior which are installed in a similar manner.

MATERIAL TESTER I: Hand coring and drilling for testing of materials; field inspection of uncured concrete and asphalt.

MATERIAL TESTER II: Field inspection of welds, structural steel, fireproofing, masonry, soil, facade, reinforcing steel, formwork, cured concrete, and concrete and asphalt batch plants; adjusting proportions of bituminous mixtures.

OPERATING ENGINEER - BUILDING

Class 1. Asphalt Plant; Asphalt Spreader; Autograde; Backhoes with Caisson Attachment; Batch Plant; Benoto (requires Two Engineers); Boiler and Throttle Valve; Caisson Rigs; Central Redi-Mix Plant; Combination Back Hoe Front End-loader Machine; Compressor and Throttle Valve; Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Conveyor (Truck Mounted); Concrete Paver Over 27E cu. ft; Concrete Paver 27E cu. ft. and Under: Concrete Placer; Concrete Placing Boom; Concrete Pump (Truck Mounted); Concrete Tower; Cranes, All; Cranes, Hammerhead; Cranes, (GCI and similar Type); Creter Crane; Spider Crane; Crusher, Stone, etc.; Derricks, All; Derricks, Traveling; Formless Curb and Gutter Machine; Grader, Elevating; Grouting Machines; Heavy Duty Self-Propelled Transporter or Prime Mover; Highlift Shovels or Front Endloader 2-1/4 yd. and over; Hoists, Elevators, outside type rack and pinion and similar machines; Hoists, One, Two and Three Drum; Hoists, Two Tugger One Floor; Hydraulic Backhoes; Hydraulic Boom Trucks; Hydro Vac (and similar equipment); Locomotives, All; Motor Patrol; Lubrication Technician; Manipulators; Pile Drivers and Skid Rig; Post Hole Digger; Pre-Stress Machine; Pump Cretes Dual Ram; Pump Cretes: Squeeze Cretes-Screw Type Pumps; Gypsum Bulker and Pump; Raised and Blind Hole Drill; Roto Mill Grinder; Scoops - Tractor Drawn; Slip-Form Paver; Straddle Buggies; Operation of Tie Back Machine; Tournapull; Tractor with Boom and Side Boom; Trenching Machines.

Class 2. Boilers; Broom, All Power Propelled; Bulldozers; Concrete Mixer (Two Bag and Over); Conveyor, Portable; Forklift Trucks; Highlift Shovels or Front Endloaders under 2-1/4 yd.; Hoists, Automatic; Hoists, Inside Elevators; Hoists, Sewer Dragging Machine; Hoists, Tugger Single Drum; Laser Screed; Rock Drill (Self-Propelled); Rock Drill (Truck Mounted); Rollers, All; Steam Generators; Tractors, All; Tractor Drawn Vibratory Roller; Winch Trucks with "A" Frame.

Class 3. Air Compressor; Combination Small Equipment Operator; Generators; Heaters, Mechanical; Hoists, Inside Elevators (remodeling or renovation work); Hydraulic Power Units (Pile Driving, Extracting, and Drilling); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Low Boys; Pumps, Well Points; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 4. Bobcats and/or other Skid Steer Loaders; Oilers; and Brick Forklift.

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Class 5. Assistant Craft Foreman.

Class 6. Gradall.

Class 7. Mechanics; Welders.

OPERATING ENGINEERS - HIGHWAY CONSTRUCTION

Class 1. Asphalt Plant; Asphalt Heater and Planer Combination; Asphalt Heater Scarfire; Asphalt Spreader; Autograder/GOMACO or other similar type machines; ABG Paver; Backhoes with Caisson Attachment; Ballast Regulator; Belt Loader; Caisson Rigs; Car Dumper; Central Redi-Mix Plant; Combination Backhoe Front Endloader Machine, (1 cu. yd. Backhoe Bucket or over or with attachments); Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Paver over 27E cu. ft.; Concrete Placer; Concrete Tube Float; Cranes, all attachments; Cranes, Tower Cranes of all types: Creter Crane: Spider Crane; Crusher, Stone, etc.; Derricks, All; Derrick Boats; Derricks, Traveling; Dredges; Elevators, Outside type Rack & Pinion and Similar Machines; Formless Curb and Gutter Machine; Grader, Elevating; Grader, Motor Grader, Motor Patrol, Auto Patrol, Form Grader, Pull Grader, Subgrader; Guard Rail Post Driver Truck Mounted; Hoists, One, Two and Three Drum; Heavy Duty Self-Propelled Transporter or Prime Mover; Hydraulic Backhoes; Backhoes with shear attachments up to 40' of boom reach; Lubrication Technician; Manipulators; Mucking Machine; Pile Drivers and Skid Rig; Pre-Stress Machine; Pump Cretes Dual Ram; Rock Drill - Crawler or Skid Rig; Rock Drill - Truck Mounted; Rock/Track Tamper; Roto Mill Grinder; Slip-Form Paver; Snow Melters; Soil Test Drill Rig (Truck Mounted); Straddle Buggies; Hydraulic Telescoping Form (Tunnel); Operation of Tieback Machine; Tractor Drawn Belt Loader; Tractor Drawn Belt Loader (with attached pusher - two engineers); Tractor with Boom; Tractaire with Attachments; Traffic Barrier Transfer Machine; Trenching; Truck Mounted Concrete Pump with Boom; Raised or Blind Hole Drills (Tunnel Shaft); Underground Boring and/or Mining Machines 5 ft. in diameter and over tunnel, etc; Underground Boring and/or Mining Machines under 5 ft. in diameter; Wheel Excavator; Widener (APSCO).

Class 2. Batch Plant; Bituminous Mixer; Boiler and Throttle Valve; Bulldozers; Car Loader Trailing Conveyors; Combination Backhoe Front Endloader Machine (Less than 1 cu. yd. Backhoe Bucket or over or with attachments); Compressor and Throttle Valve; Compressor, Common Receiver (3); Concrete Breaker or Hydro Hammer; Concrete Grinding Machine; Concrete Mixer or Paver 7S Series to and including 27 cu. ft.; Concrete Spreader; Concrete Curing Machine, Burlap Machine, Belting Machine and Sealing Machine; Concrete Wheel Saw; Conveyor Muck Cars (Haglund or Similar Type); Drills, All; Finishing Machine - Concrete; Highlift Shovels or Front Endloader; Hoist - Sewer Dragging Machine; Hydraulic Boom Trucks (All Attachments); Hydro-Blaster; Hydro Excavating (excluding hose work); Laser Screed; All Locomotives, Dinky; Off-Road Hauling Units (including articulating) Non Self-Loading Ejection Dump; Pump Cretes: Squeeze Cretes - Screw Type Pumps, Gypsum Bulker and Pump; Roller, Asphalt; Rotary Snow Plows; Rototiller, Seaman, etc., self-propelled; Self-Propelled Compactor; Spreader - Chip - Stone, etc.; Scraper - Single/Twin Engine/Push and Pull; Scraper - Prime Mover in Tandem (Regardless of Size); Tractors pulling attachments, Sheeps Foot, Disc, Compactor, etc.; Tug Boats.

Class 3. Boilers; Brooms, All Power Propelled; Cement Supply Tender; Compressor, Common Receiver (2); Concrete Mixer (Two Bag and Over); Conveyor, Portable; Farm-Type Tractors Used for Mowing, Seeding, etc.; Forklift Trucks; Grouting Machine; Hoists, Automatic; Hoists, All Elevators; Hoists, Tugger Single Drum; Jeep Diggers; Low Boys; Pipe Jacking Machines; Post-Hole Digger; Power Saw, Concrete Power Driven; Pug Mills; Rollers, other than Asphalt; Seed and Straw Blower; Steam Generators; Stump Machine; Winch Trucks with "A" Frame; Work Boats; Tamper-Form-Motor Driven.

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Class 4. Air Compressor; Combination - Small Equipment Operator; Directional Boring Machine; Generators; Heaters, Mechanical; Hydraulic Power Unit (Pile Driving, Extracting, or Drilling); Light Plants, All (1 through 5); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Pumps, Well Points; Vacuum Trucks (excluding hose work); Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 5. SkidSteer Loader (all); Brick Forklifts; Oilers.

Class 6. Field Mechanics and Field Welders

Class 7. Dowell Machine with Air Compressor; Gradall and machines of like nature.

OPERATING ENGINEERS - FLOATING

Diver. Diver Wet Tender, Diver Tender, ROV Pilot, ROV Tender

SURVEY WORKER

Operates survey equipment (such as levels, transits, data collectors, GPS and robotic total stations) for the purpose of performing construction layout and/or grade checking.

SURVEY FOREMAN

Operates survey equipment (such as levels, transits, data collectors, GPS and robotic total stations) for the purpose of performing construction layout and/or grade checking; oversees survey crew operations; and/or coordinates work of survey crews.

TRAFFIC SAFETY Worker I

Traffic Safety Worker I - work associated with the delivery, installation, pick-up and servicing of safety devices during periods of roadway construction, including such work as set-up and maintenance of barricades, barrier wall reflectors, drums, cones, delineators, signs, crash attenuators, glare screen and other such items, and the layout and application or removal of conflicting and/or temporary roadway markings utilized to control traffic in construction zones, as well as flagging for these operations.

TRAFFIC SAFETY WORKER II

Work associated with the installation and removal of permanent pavement markings and/or pavement markers including both installations performed by hand and installations performed by truck.

TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION Class 1. Two or three Axle Trucks. A-frame Truck when used for transportation purposes; Air Compressors and Welding Machines, including those pulled by cars, pick-up trucks and tractors; Ambulances; Batch Gate Lockers; Batch Hopperman; Car and Truck Washers; Carry-alls; Fork Lifts and Hoisters; Helpers; Mechanics Helpers and Greasers; Oil Distributors 2-man operation; Pavement Breakers; Pole Trailer, up to 40 feet; Power Mower Tractors; Self-propelled Chip Spreader; Skipman; Slurry Trucks, 2-man operation; Slurry Truck Conveyor Operation, 2 or 3 man; Teamsters; Unskilled Dumpman; and Truck Drivers hauling warning lights, barricades, and portable toilets on the job site.

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Class 2. Four axle trucks; Dump Crets and Adgetors under 7 yards; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turnatrailers when pulling other than self-loading equipment or similar equipment under 16 cubic yards; Mixer Trucks under 7 yards; Ready-mix Plant Hopper Operator, and Winch Trucks, 2 Axles.

Class 3. Five axle trucks; Dump Crets and Adgetors 7 yards and over; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnatrailers or turnapulls when pulling other than self-loading equipment or similar equipment over 16 cubic yards; Explosives and/or Fission Material Trucks; Mixer Trucks 7 yards or over; Mobile Cranes while in transit; Oil Distributors, 1-man operation; Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long; Slurry trucks, 1-man operation; Winch trucks, 3 axles or more; Mechanic--Truck Welder and Truck Painter.

Class 4. Six axle trucks; Dual-purpose vehicles, such as mounted crane trucks with hoist and accessories; Foreman; Master Mechanic; Self-loading equipment like P.B. and trucks with scoops on the front.

TERRAZZO FINISHER

The handling of sand, cement, marble chips, and all other materials that may be used by the Mosaic Terrazzo Mechanic, and the mixing, grinding, grouting, cleaning and sealing of all Marble, Mosaic, and Terrazzo work, floors, base, stairs, and wainscoting by hand or machine, and in addition, assisting and aiding Marble, Masonic, and Terrazzo Mechanics.

Other Classifications of Work:

For definitions of classifications not otherwise set out, the Department generally has on file such definitions which are available. If a task to be performed is not subject to one of the classifications of pay set out, the Department will upon being contacted state which neighboring county has such a classification and provide such rate, such rate being deemed to exist by reference in this document. If no neighboring county rate applies to the task, the Department shall undertake a special determination, such special determination being then deemed to have existed under this determination. If a project requires these, or any classification not listed, please contact IDOL at 217-782-1710 for wage rates or clarifications.

LANDSCAPING

Landscaping work falls under the existing classifications for laborer, operating engineer and truck driver. The work performed by landscape plantsman and landscape laborer is covered by the existing classification of laborer. The work performed by landscape operators (regardless of equipment used or its size) is covered by the classifications of operating engineer. The work performed by landscape truck drivers (regardless of size of truck driven) is covered by the classifications of truck driver.

MATERIAL TESTER & MATERIAL TESTER/INSPECTOR I AND II

Notwithstanding the difference in the classification title, the classification entitled "Material Tester I" involves the same job duties as the classification entitled "Material Tester/Inspector I". Likewise, the classification entitled "Material Tester II" involves the same job duties as the classification entitled "Material Tester/Inspector II".

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APPENDIX A- IEPA WATER PERMIT
(TO BE PROVIDED WHEN OBTAINED)

Contractor/owner: Prior to construction, please contact the Village or City where you are performing work.



1135 South Lake Street • Montgomery, Illinois 60538
Engineering Inquiries (630) 301-6882
Inspections (630) 301-6811 • FAX (630) 897-6094

Permit # R - 2 - - - -

Sewer Repair Sewer Abandonment
* Sewer Lining Grease Interceptor

REPAIR LOCATION: CITY: REPAIR DATE:

RESIDENT'S NAME: OWNER NAME:

BONDED CONTRACTOR: CONTRACTOR PHONE:

DESCRIPTION:

Required: Non-shear coupling, CA7 class 1A stone, SDR 26 D-3034 pipe (If within 10' of water service, D-2241 pipe - no glue-type fittings)
*Liners shall be cured in place pipe (C.I.P.P.) using inversion method, steam or hot water cure only. DVD required before permit and after.

For the purpose of procuring said permit the undersigned does hereby represent, covenant and agree to and with the Fox Metro Water Reclamation District (District) as follows:

That all work to be done pursuant to the permit herein applied for, and shall be in strict conformity with all ordinances and regulations of the District and any other municipality within the corporate limits of which said work is done, with the description of the work herein contained and the plans and specifications, if any work hereunto attached. A License and Permit Bond in the sum of \$25,000 issued by an acceptable insurance company is required.

That the applicant shall restore all sewers, appurtenances, streets, alleys, sidewalks, pavements and / or structures disturbed by the work to as good of condition as the same existed at the time of commencement of said work and in accordance with any specifications and/or easement provision(s) of the Fox Metro Water Reclamation District. In case of any subsidence or settling of or other damage to any sewer, appurtenance, street, alley, sidewalk, pavement, or other structure caused by said work and/or occurring after its completion, applicant agrees, on demand of the District, forthwith at his sole expense is to make such repairs as are necessary to restore the same to the condition existing at the time of commencement of the work.

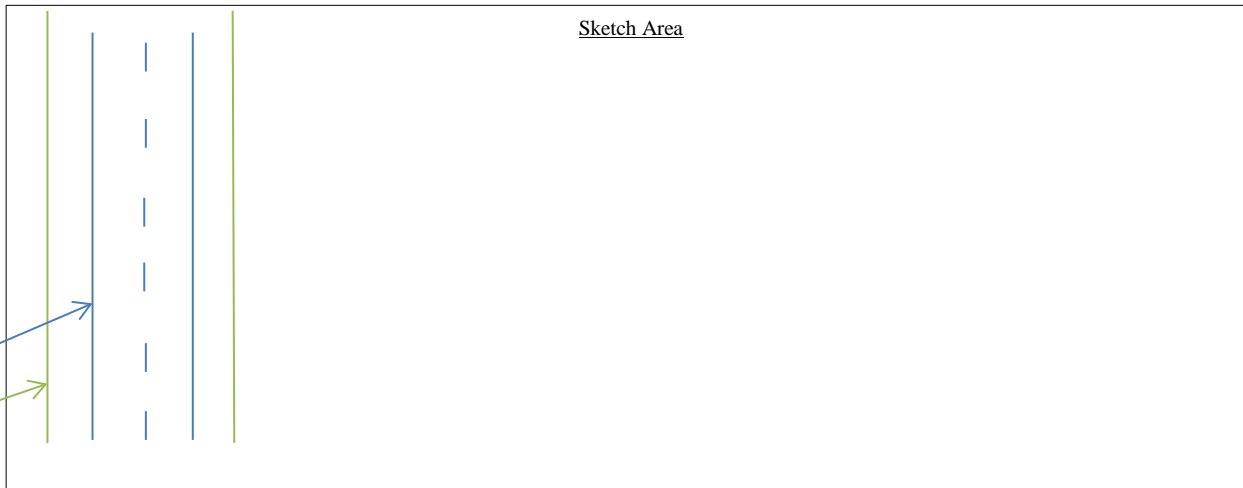
That applicant shall indemnify and save harmless the District from any and all loss, cost, damage, and expense which may come to the District by reason of or in any manner growing out of or connected with said work, including any and all liability for and on account of any accident or accidents, injury, death, damage or damages caused or in any manner arising from or growing out of or connected with said work: provided however, that the liability, if any of the applicant to the District shall not be limited to the District for any and all loss, cost, damage, and/or expense of every kind and character arising from, growing out of and/or connected with such work.

That in case of any suit, action or proceeding against the District for damages on or account of any liability or claim arising from, growing out of or in any way growing out of or in any way connected with said work, applicant shall, on demand of the District, enter his or its appearance therein, defend the same and pay all the costs, attorney's fees, solicitor's fees and expense thereof and the amount of any and all final judgments, decrees, and / or awards against the District entered or made therein.

Show:

- * Existing service
* Area of repair
* Cleanouts (new or existing)
* Driveway/sidewalk
* Grease trap
* Trees/bushes

Street
Right of way/Property line



It is agreed and understood that this work must be inspected by Fox Metro Water Reclamation District prior to backfill. Applicant agrees to notify the District at least twenty-four hours prior to the desired inspection date and time. Owner may only perform work on their property. Work in the public right of way must be performed by contractor that is bonded with the District.

Applicant Signature

Permit Issued this day of, 20

Engineering Dept.

All work must be performed in strict compliance with O.S.H.A. safety regulations.

APPENDIX C- LPC-662/663 PAPERWORK AND SUPPORTING
DOCUMENTS

(TO BE PROVIDED WHEN OBTAINED)

Contract for Aspen Court Water Main Improvement Project

THIS AGREEMENT made and concluded this **3rd** day of March 2025, between the Village of North Aurora, an Illinois municipal corporation (hereinafter referred to as “Village”) and J&S Construction Sewer and Water, Inc. an Illinois Limited Liability Company (hereinafter referred to as “Contractor”) for **Aspen Court Water Main Improvement Project**.

WHEREAS, the Village advertised for bids for the Aspen Court Water Main Improvement services (hereinafter “Services”) and provided bid specifications for such services, a copy of which is attached hereto and incorporated herein by reference as Exhibit “A” (“Bid Specifications”); and

WHEREAS, Contractor submitted a bid for the Services in the amount of **Two Hundred Twelve Thousand Seven Hundred Eighty and 00/100 dollars (\$212,780.00)** in response to the request for bids advertised by the Village, a copy of which bid is attached hereto and incorporated herein.

WHEREAS, the Contractor’s bid was determined to be the lowest responsible bid and was accepted by the Village Board of Trustees at the regularly scheduled meeting on **March 3, 2025**.

NOW THEREFORE, in consideration of Two Hundred Twelve Thousand Seven Hundred Eighty and 00/100 dollars (\$212,780.00) to be paid by the Village to the Contractor as follows for work described by the Bid Specifications for the Aspen Court Water Main Improvement Project, the parties hereto agree, and covenant as follows:

1. The Village and the Contractor agree the Bid Specifications attached hereto and incorporated herein are essential documents to this Contract and are made a part thereof.
2. The Contractor shall fulfill all the Services in keeping with the Bid Specifications and shall furnish all labor and equipment necessary to perform the Services in a professional and workman like manner.

3. The Contractor shall be solely responsible for its own employees, subcontractors and agents and for the performance of the Services and shall indemnify and hold the Village harmless from and against any claims or causes of action asserted by its employees, subcontractors and agents or claims, causes of action, liabilities or damages resulting or related to the performance of the Services.

4. If there is any conflict within contract documents the bid specifications shall govern.

5. If not previously provided, the Contractor shall supply a Certificate or other proof of Insurance in acceptable form to the Village as a condition to the Village's obligations under this Contract in compliance with the Bid Specifications.

6. The Contractor shall supply a payment bond and surety in form acceptable to the Village before performing the Services.

7. The Contractor acknowledges and agrees that, if the Illinois Prevailing Wage Act applies, the Contractor shall be responsible for such compliance and shall hold the Village and indemnify the Village from and against and claims or liabilities arising from a failure to comply.

8. Either party may terminate this Agreement upon thirty (30) days written notice by registered mail, or by personal delivery of notice, to the other party.

9. This instrument contains the entire agreement between the parties, and those statements, promises, or inducements made by either party or agent of either party that are not contained in this written agreement shall not be valid or binding.

10. In any claims for breach of this contract, the prevailing party shall be entitled to recovery all of its reasonable costs, including reasonable attorney fees.

11. Any litigation brought in regard to this Contract shall be brought in the Sixteenth Judicial Circuit, Kane County, Illinois.

12. This Agreement shall not be altered or modified in any way except in writing and signed by both parties.

[signatures to follow]

IN WITNESS WHEREOF, the said parties have executed these presents on the date above mentioned.

Village of North Aurora

By: Mark Gaffino, Village President

J&S Construction Sewer and Water, Inc.

Signature

Printed Name, Title