

CLERK'S CONTRACT and AGREEMENT COVER PAGE

Legistar File ID#: 2024-0941

Contract #: 2025-0056

Start date: 1/1/2025

End date: 12/31/2027

Amount: \$ 586,000.00

Contingency Amount: \$ 0.00

Department: Public Works

Total Contract Amount: \$ 586,000.00

Contract Type: Professional Services

Contractors Name: RJN Group, Inc.

Status of Ownership: N/A

Status of Sub: N/A

Certification: Attached ☐ Self-Certifying ☐ Did not disclose ☐

Contract Description: Sanitary Sewer Evaluation Program 2025-2027
3 year Contract with Village discretion to exercise Option Years
FY 2025 \$185,000.00 - FY 2026 \$194,500.00 -
FY 2027 \$206,500.00
Option Years - FY 2028 \$210,500.00 - FY 2029 \$225,500.00



ORLAND PARK

AGREEMENT BETWEEN THE VILLAGE OF ORLAND PARK AND RJN Group, Inc. FOR PROFESSIONAL SERVICES

THIS AGREEMENT (hereinafter, the "Agreement" or the "Contract") is made December 16, 2024, by and between the VILLAGE OF ORLAND PARK (hereinafter referred to as "Village") and RJN Group, Inc. (hereinafter referred to as "Consultant") for the performance of certain professional services for the Village in connection with Sanitary Sewer Evaluation Program 2025-2027 (hereinafter referred to as the "Project", the "Work", or the "Services").

WITNESSETH:

In consideration of the mutual covenants set forth herein by the Village and the Consultant (hereinafter referred to collectively as the "Parties"), the Parties agree as follows:

1. **Scope of Work:** The Consultant agrees to and shall timely perform and fully complete the "Scope of Services" as set forth in:

- ☒ The Consultant's Revised Proposal dated November 22, 2024; and/or
- ☒ Village of Orland Park RFP 24-064 Scope of Work.

which is/are attached hereto and made a part of this Agreement as Exhibit A (the "Work" or the "Project"). The terms, conditions and specifications set forth in Village's Request for Qualifications (RFQ), Request For Proposal ("RFP"), and/or Purchase Order and any other Village document shall supersede, govern, and prevail over any inconsistent terms, conditions, and/or specifications on any other documents submitted by the Consultant. Any provisions in the Consultant's Proposal or Bid or other submittals which are in conflict with or inconsistent with any of the same provisions in the Village's RFQ, RFP, and/or Purchase Order shall be void to the extent of such conflict or inconsistency and the terms of the Village's RFQ, RFP, and/or Purchase Order shall control.

2. **Payment:**

- A. **Compensation:** The Village agrees to pay the Consultant, and the Consultant agrees to accept as compensation for all Services and/or Work and/or the Project required by this Agreement the amount(s) set forth as follows:

- ☒ the amount(s) set forth on Exhibit A (the "Consultant's Proposal");
- ☐ the amount(s) based upon the Schedule of Fees set forth on Exhibit B attached hereto and thereby made a part hereof; and
- ☒ A not-to-exceed amounts of

\$185,000.00 for FY 2025

\$194,500.00 for FY 2026

\$206,500.00 for FY 2027

For a total not-to-exceed amount for \$586,000.00 ("Contract Price")

At the Village's discretion to exercise Option Years, not-to-exceed amounts of

\$210,500.00 for FY 2028

\$225,500.00 for FY 2029

For a total not-to-exceed amount for \$436,000.00 ("Contract Price")

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The full three (3) years, plus two (2) optional years, at a total not-to-exceed amount of \$1,022,000.00 ("Contract Price").

(i) It is expressly understood and agreed to by both Parties that in no event shall the total amount to be paid by the Village for the complete and satisfactory performance of services, under this Agreement exceed \$586,000.00 for FY 2025-FY 2027, \$436,000.00 for two (2) optional years FY 2028-FY 2029, for a total not to exceed \$1,022,000.00. Said price shall be the total compensation for Consultant's performance hereunder including, but not limited to, all work, deliverables, materials, supplies, equipment, subcontractor's fees, and all reimbursable travel and miscellaneous or incidental expenses to be incurred by Consultant. In the event the Consultant incurs cost in excess of the sum authorized for service under this Agreement, the Consultant shall pay such excess from its own funds, and the Village shall not be required to pay any part of such excess, and the Consultant shall have no claim against the Village on account thereof. For the avoidance of doubt, in no event shall Consultant be entitled to receive more than this not-to-exceed amount and this amount includes all costs incurred by Consultant in connection with the work and services authorized hereby, including, but not limited to: (i) any known or unknown and/or unexpected condition(s); (ii) any and all unforeseen difficulties; (iii) any unanticipated rises in the cost of labor, materials or equipment, changes in market or negotiating conditions, and errors or omissions made by the Consultant or others; (iv) the character of the work and/or services to be performed; and (v) any overrun in the time or cost necessary for the Consultant to complete the work due to any causes, within or beyond its control. Under no circumstances shall the Village be liable for any additional charges if Consultant's actual costs and reimbursable expenses for such work, service or deliverable exceed the not-to-exceed price. Accordingly, Consultant represents, warrants and covenants to the Village that it will not, nor will Consultant have anyone on its behalf, attempt to collect an amount in excess of the not to exceed price agreed to by the Consultant as set forth above

B. Invoices: The Consultant agrees to and shall prepare and submit:

☐ an invoice to the Village which the Village shall pay upon completion and approval of the Work; or

☒ invoices for progress payments to the Village as hereinafter set forth for Services completed to date. Invoices shall be prepared monthly and shall document the time/hours expended as the Work is completed to date by the Consultant.

C. Payment: Notwithstanding any provision of the Illinois Local Government Prompt Act (50 ILCS 505/1, et seq.) (the "Act") to the contrary, the Parties agree that any bill approved for payment by the Corporate Authorities shall be paid within sixty (60) days after the date of approval. If payment is not made within such sixty (60) day period, an interest penalty of 1% of any amount approved and unpaid shall be added for each full thirty (30) day period, without proration, after the expiration of the aforementioned sixty (60) day payment period, until final payment is made. No other provision of the Act shall apply to this contract.

D. Withholding Payment: Notwithstanding anything to the contrary herein contained, no compensation will be paid to or claimed by the Consultant for services required to correct deficiencies attributable to errors or omissions of the Consultant, and all such errors or omissions must be corrected by the Consultant at their sole cost and expense. Notwithstanding anything to the contrary herein contained, the Village has the right to withhold from payment due the Consultant such sums as are reasonably necessary to protect the Village against any loss or damage which may result from: (i) the negligence of or unsatisfactory Services of the Consultant;

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(ii) the failure by the Consultant to perform the Consultant's obligations hereunder; or (iii) claims filed against the Village relating to the Services. Any sums withheld from the Consultant as provided in this section, and subsequently determined to be due and owing to the Consultant, will be paid to the Consultant.

- E. Appropriation of Funds: The Parties hereto agree that, if the term of this Agreement extends beyond the current fiscal year of the Village (the current fiscal year being the year in which the first date of the term of this Agreement falls), this Agreement is subject to the appropriation of funds by the Village Board of Trustees and/or any other funding agencies for each subsequent year. If the Village, and/or any other governmental agency providing funding for this Service, fails to make such an appropriation, the Village may terminate this Agreement and the Consultant will be entitled to receive, as its sole and exclusive remedy, compensation for Services properly performed to the date of termination to the extent the Village has funds available and appropriated to pay the Consultant such amount. Upon the request of the Consultant, the Village will inform the Consultant as to whether any governmental agency other than the Village is providing funding to pay all or a portion of the Services.
- F. Records: The Consultant's records relating to the Services must be kept in accordance with generally accepted principles of accounting consistently applied and must be retained by the Consultant for a period of not less than five (5) years following the completion of the Services. Such records must be available to the Village or any authorized representative of the Village, upon reasonable prior notice, for audit and review during normal business hours at the Village offices, 14700 S. Ravinia Ave. Orland Park, IL 60462. In addition, such records must be available, upon reasonable prior notice, for audit and review by any other governmental agency providing funding for all or any portion of this Service.

3. Contract Documents: The term "Contract Documents" means and includes, but is not limited to, this Agreement and the following, which are each attached hereto and thereby made a part hereof:

☒ Scope of Services as set forth in the Consultant's proposal dated November 22, 2024 (Exhibit A)
☐ Schedule of Fees (Exhibit B)

In the event of any conflict between this Agreement and any other Contract Document, this Agreement shall prevail and control over the terms and conditions set forth in such other Contract Documents.

4. Term: The Contract commences on the date it is fully executed by all Parties and terminates on December 31, 2027 (hereinafter the "Term"), with an option to extend for two (2) additional years at the Village's discretion, for a termination date of December 31, 2029, barring only Acts of God, due to which the Completion Date may be modified in writing with the prior approval of the Village.

A. Termination; Remedies: Notwithstanding any other provision hereof, the Village may terminate the Agreement in the event of a default by the Consultant or without cause at any time upon fifteen (15) days prior written notice to the Consultant. In the event that the Agreement is so terminated, and the Consultant is not in default or breach of this Agreement, the Consultant shall be paid for Services actually performed and reimbursable expenses actually incurred, if any, prior to termination, not exceeding the value of the Services completed which shall be determined on the basis of the rates set forth in the Consultant's Proposal.

5. Time is of the Essence; Dates of Commencement and Completion; Progress Reports:

A. Time is of the essence in this Contract. The Services to be performed by the Consultant under the Contract Documents shall commence no later than January 1, 2025 (hereinafter the

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“Commencement Date”), and shall be completed no later than December 31, 2027, (hereinafter the “Project Completion Date”) with the option to extend up to two (2) additional years through December 31, 2029, at the Village’s discretion. If the Consultant fails to complete the Services by the Completion Date, the Village shall thereafter have the right to have the Services completed by another independent contractor, and in such event, the Village shall have the right to deduct the cost of such completion so incurred by the Village from payments otherwise due to the Consultant for the Services and/or the right to recover any excess cost of completion from the Consultant to the extent that the total cost incurred by the Village for the completion of the Work which is the subject of the Contract Documents exceeds the Contract Price.

B. Progress Reports. The Consultant must prepare and submit monthly progress reports describing the Services performed in the prior month and anticipated to be performed in the following one-month period. The Services schedule shall insure that each of the Services provided are being completed within a timeframe that does not negatively impact the Village’s compliance with any federal, state, or local regulations (if applicable).

6. Venue and Choice of Law: The Consultant and the Village agree that the venue for any and all disputes shall solely be in Cook County, Illinois, in which the Village’s Village Hall is located. This Contract and all other Contract Documents shall be construed and interpreted in accordance with the laws of the State of Illinois.
7. Nonassignability: The Consultant shall not assign this Contract, or any part thereof, to any other person, firm, or corporation without the prior written consent of the Village, and in no case shall such consent relieve the Consultant or its surety from the obligations herein entered into by the same or change the terms of this Contract.
8. Notices and Communications: Where notice is required by the Agreement it shall be considered received if it is delivered in person, sent by registered United States mail, return receipt requested, delivered by messenger or mail service with a signed receipt, sent by facsimile or e-mail with an acknowledgment of receipt, to the following:

To the Village:

Name: Patrick McLaughlin
Village of Orland Park
14700 South Ravinia Avenue
Orland Park, Illinois 60462
Telephone: 708-403-6357
Email: pmclaughlin@orlandpark.org

To the Consultant:

Name: Archana Kuchimanchi, P.E.
Company: RJN Group, Inc.
Address: PO Box 926
City, State, Zip: Bedford Park, IL, 60499
Telephone: (630) 682-4700
Email: archana.kuchimanchi@rjnmail.com

or to such other person or persons or to such other address or addresses as may be provided by either party to the other party.

9. Right to Alter Scope of Services Reserved: The Village reserves the right to alter the plans, extend or shorten the Scope of Services, add to the Scope of Services as may be necessary, and increase or decrease the scope and/or quantity of the Services, including the deduction or cancellation of any one or more of the unit price items, or to cancel the Contract and the Services in their entirety for any reason.

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10. Control and Inspection of Work: Unless otherwise specified in the Contract Documents, inspection, acceptance or rejection of goods and/or Services shall be made after delivery. Final inspection, acceptance and/or rejection of the goods and/or Services shall not impose liability on the Village for goods and/or Services not in accordance with the Contract Documents as determined solely by the Village. Payment shall not be due on rejected goods and/or Services until and unless fully corrected and/or replaced as determined by the Village. All Services performed by the Consultant shall be done in conformance with this Agreement and the other Contract Documents as determined solely by the Village, and this Agreement shall control.
11. Timely Written Response and Written Report(s) of Resolution Relative to Certain Incident(s), Claim(s) and/or Complaint(s):
- A. All alleged incident(s), claim(s), or complaint(s) related to any alleged death, injury and/or damage to persons and/or to public or private property related to the Consultant's work or services provided pursuant to this Contract shall be reported to the Village and resolved by the Consultant and/or its agent in a timely manner.
 - B. Within three (3) business days after receipt by Consultant of an initial written or verbal notice of any such incident, claim, or complaint, the Consultant shall also provide to the Village, and to any third-party making such claim or complaint, the name, telephone number, and cellular number of the Consultant's officer or employee who will be responsible for managing the resolution thereof until its final resolution by the Consultant and/or by the Consultant's insurer or agent.
 - C. Within ten (10) business days after the Consultant's receipt of the first notice of an alleged incident, claim, or complaint related to any alleged death, injury, and/or damage to persons and/or to public or private property (the "incident, claim, or complaint"), the Consultant or its agent(s) shall provide to the Village and to any third-party person making such claim or complaint an initial written response relative to such incident, claim or complaint, and the efforts and current progress of the Consultant and/or its agents to date toward the resolution of such incident, claim or complaint.
 - D. If complete resolution of the incident, claim, or complaint has not been reached within the aforesaid ten (10) business day period, the Consultant or its agent shall continue to use all reasonable efforts to fully resolve the incident, claim, or complaint, and to that end, further updated written status reports of resolution, or progress toward resolution, as the case may be, of such incident, claim, or complaint shall be provided to the Village by the Consultant not less than monthly until such incident, claim, or complaint is fully resolved.
 - E. The Consultant or its agents will be expected to fully resolve most incident(s), claim(s), or complaint(s) involving minor damage to public or private property within said initial ten (10) business day period after the Consultant receives its initial verbal or written notice of such incident, claim, or complaint.
12. Insurance:
- A. Prior to Commencement of Work:
 - (i) Prior to commencement of any Services under the Contract Documents, Consultant shall supply to the Village certificates of insurance as specified below. Consultant shall not start the Services contemplated by the Contract until Consultant has obtained all insurance required under this Paragraph 12, and all such insurance coverage has been obtained and approved by the Village Manager, or his designee.
 - (ii) Minimum Scope of Insurance:

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Coverage shall be at least as broad as Insurance Services Office (“ISO”) Commercial General Liability occurrence form CG 00 01 04 13 with the “Village of Orland Park and its officers, officials, employees, agents and volunteers” named as additional insureds on a primary and non-contributory basis. This primary, non-contributory additional insured coverage shall be confirmed through the following required policy endorsements (or their substantial equivalents): ISO Additional Insured Endorsement CG 20 10 04 13 or CG 20 26 04 13, and CG 20 01 04.

☐ If this box is checked, a Completed Operations Endorsement (CG 20 37 04 13) is also required.

B. Insurance Required: The Consultant shall procure and maintain, for the duration of the Contract, insurance against claims for injuries to persons or damage to property, which may arise from or in connection with the performance of the Work hereunder by the Consultant, its employees, subconsultants, and other agents, and:

(i) Commercial General Liability:

- (a) \$1,000,000 combined single limit per occurrence for bodily injury, and property damage and \$1,000,000 per occurrence for personal injury. The general aggregate shall be \$2,000,000.
- (b) The Village of Orland Park, and its officers, officials, employees, agents and volunteers, are to be named and covered as additional insureds as respects: liability arising out of the Consultant’s work, including activities performed by or on behalf of the Consultant; products and completed operations of the Consultant; premises owned, leased or used by the Consultant, or automobiles owned, leased, hired or borrowed by the Consultant. The coverage shall contain no special limitations on the scope of protection afforded to the Village of Orland Park and its officers, officials, employees, agents and/or volunteers.
- (c) The Consultant’s insurance coverage shall be primary and non-contributory as respects the Village of Orland Park and its officers, officials, employees, agents and volunteers. Any insurance or self-insurance maintained by the Village of Orland Park and/or on behalf of its officers, officials, employees, agents and/or volunteers shall be excess of Consultant’s insurance and shall not contribute with it.
- (d) Any failure to comply with reporting provisions of any applicable insurance policies shall not affect coverage provided to the Village of Orland Park and/or its officers, officials, employees, agents and/or its volunteers.
- (e) The Consultant’s insurance shall contain a Severability of Interests/Cross-Liability clause or language stating that Consultant’s insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer’s liability.
- (f) If any commercial general liability insurance is being provided under an excess or umbrella liability policy that does not “follow form”, then the Consultant shall be required to name the “Village of Orland Park, and its officers, officials, employees, agents and volunteers” as additional insureds.
- (g) All general liability coverages shall be provided on an occurrence policy form. Claims-made general liability policies will not be accepted.
- (h) The Consultant and all subconsultants hereby agree to waive any limitation as to the amount of contribution recoverable against them by the Village of Orland Park, and/or by its officers, officials, employees, agents and/or its volunteers. This specifically includes any limitation imposed by any state statute, regulation, or case law including

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any Workers' Compensation Act provision that applies a limitation to the amount recoverable.

- (ii) ISO Business Auto Liability coverage form number CA 00 01, Symbol 01 "Any Auto": \$1,000,000 combined single limit per occurrence for bodily injury, and property damage and \$1,000,000 per occurrence for personal injury.
 - (iii) Workers' Compensation Insurance:
Such coverage as required by the Workers' Compensation Act of the State of Illinois with coverage of statutory limits and Employers' Liability Insurance with limits of \$500,000 per accident. The insurer shall agree to waive all rights of subrogation against the "Village of Orland Park, its officers, officials, employees, agents and volunteers" for losses arising from work performed by the Consultant for the Village.
 - (iv) Professional Liability:
 - (a) Professional liability insurance with limits not less than \$1,000,000 each claim with respect to negligent acts, errors and omissions in connection with professional services to be provided under the contract, with a deductible not-to-exceed \$50,000 without prior written approval.
 - (b) If the policy is written on a claims-made form, the retroactive date must be equal to or preceding the effective date of the contract. In the event the policy is cancelled, non-renewed or switched to an occurrence form, the Consultant shall be required to purchase supplemental extending reporting period coverage for a period of not less than three (3) years.
 - (v) Umbrella Policy:
If the general aggregate limit for Commercial General Liability coverage provided is less than \$2,000,000, pursuant to Section 11(B)(i) above, then a \$2,000,000 Umbrella Policy shall also be provided which policy shall follow all required coverages as set forth above, other than Worker's Compensation and Professional Liability coverages.
 - (vi) ☐ Cyber Liability Coverage: for losses arising out of the Consultants work or work product resulting from a network/data breach, malware infection, cyber extortion, ransomware, exposure of confidential, personally identifiable and financial information, intellectual property and other related breaches. This coverage will apply to but not limited to damages for notification cost, credit monitoring expenses, public relations expenses, computer system/software damage and related financial losses.
- C. Deductibles and Self-Insured Retentions: Any deductibles or self-insured retentions must be declared to and approved by the Village of Orland Park.
- D. All Coverages:
- (i) No Waiver. Under no circumstances shall the Village, or its officers, officials, employees, agents or volunteers be deemed to have waived any of the insurance requirements of this Contract by any act or omission, including, but not limited to:
 - (a) Allowing work by Consultant or any subconsultant to start before receipt of Certificates of Insurance and Additional Insured Endorsements.
 - (b) Failure to examine, or to demand correction of any deficiency, of any Certificate of Insurance and Additional Insured Endorsement received.
 - (ii) Each insurance policy required shall have the Village of Orland Park expressly endorsed onto the policy as a Cancellation Notice Recipient. Should any of the policies be cancelled before the expiration date thereof, notice will be delivered in accordance with the policy provisions.
 - (iii) When requested by the Village Manager, or his designee, Consultant shall promptly provide the respective original insurance policies for review and approval by the Village Manager, or

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his designee.

- E. Acceptability of Insurers: Insurance is to be placed with insurers with a Best's rating of no less than A-, VII and approved to do business in the State of Illinois.
- F. Verification of Coverage: Consultant shall furnish the Village of Orland Park with certificates of insurance naming the "Village of Orland Park, its officers, officials, employees, agents and volunteers", as additional insureds (except on Professional Liability), and with original endorsements affecting coverage required by this clause. 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. The certificates and endorsements are to be received and approved by the Village Manager, or his designee, before any work commences. The following additional insured endorsements may be utilized (or their substantial equivalent): ISO Additional Insured Endorsements CG 20 10 04 13 or CG 20 26 04 13, and CG 20 37 04 13 – Completed Operations, where required. In the event a claim is filed, the Village reserves the right to request full certified copies of the insurance policies and endorsements.
- ☐ If this box is checked, a Completed Operations Endorsement (CG 20 37 04 13) is also required.
- G. Subconsultants: Consultant shall include all subconsultants as insureds under its policies or shall furnish separate certificates and endorsements for each subconsultant. All coverages for subconsultants shall be subject to all of the requirements stated herein.
- H. Assumption of Liability: Consultant assumes liability for all injury to or death of any person or persons including employees of the Consultant, any subconsultant, 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 this Contract.
- I. Insurance Certifications: In addition to providing Certificates of Insurance as required by the contract documents, the Consultant shall submit to the Village a signed certification with each Request for Payment, stating that all the insurance required of the Consultant remains in force. Failure to submit such a certification shall be grounds to withhold payment in full or in part.
- J. Insurance Requirements Cannot Be Waived by Village: Under no circumstances shall the Village be deemed to have waived any of the insurance requirements of the related Contract by any act or omission, including, but not limited to: (1) allowing the Work to commence by the Consultant or any subconsultant of any tier before receipt of Certificates of Insurance; (2) failing to review any Certificates of Insurance received; (3) failing to advise the Consultant or any subconsultant of any tier that any Certificate of Insurance fails to contain all the required insurance provisions, or is otherwise deficient in any manner; or (4) issuing any payment without receipt of a Sworn Statement from the Consultant and all subconsultants of any tier stating that all the required insurance is in force. The Consultant agrees that the obligation to provide the insurance required by this Agreement or any of the contract documents is solely its responsibility and that this is a requirement which cannot be waived by any conduct, action, inaction or omission by the Village. Consultant shall also protect the Village by specifically incorporating this Paragraph into every subcontract entered into relative to the Work contemplated herein and also requiring that every subconsultant incorporate this Paragraph into every sub-subcontract it enters into relative to the Work contemplated herein.
- K. Liability of Consultant and Subconsultant is Not Limited by Purchase of Insurance: Nothing contained in the insurance requirements of this Agreement or any Contract Documents is to be construed as limiting the liability of the Consultant or the liability of any subconsultant of any tier, or either of their respective insurance carriers. The Village does not, in any way, represent that the coverages or limits of insurance specified is sufficient or adequate to protect the Village, the Consultant, or any subconsultant's interest or liabilities, but are merely required minimums.

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The obligation of the Consultant and every subconsultant of any tier to purchase insurance shall not, in any way, limit their obligations to the Village in the event that the Village should suffer an injury or loss in excess of the amount recoverable through insurance, or any loss or portion of the loss which is not covered by either the insurance of the Consultant or any subconsultant's insurance.

- L. Notice of Bodily Injury or Property Damage: The Consultant shall notify the Village, in writing, of any actual or possible claim for personal injury or property damage relating to the Work, or of any occurrence which might give rise to such claim, promptly upon obtaining first knowledge of same.
- M. Updated Proof Required: The Consultant agrees that at any time upon the demand of the Village, updated proof of such insurance coverage will be submitted to the Village. There shall be no additional charge to the Village for said insurance.
- N. Higher and More Expansive Standard Applicable: To the extent other insurance requirements of the Contract Documents contradict this Paragraph 12, the more expansive and higher standard, in terms of type and amount of coverage, shall govern.

13. Indemnity:

- A. To the fullest extent permitted by law, the Consultant hereby agrees to defend, indemnify and hold harmless the Village, its elected and appointed officials, employees and agents against all injuries, deaths, loss, damages, claims, patent claims, suits, liabilities, judgments, costs and expenses, which may in anywise accrue against the Village, its elected and appointed officials, employees, and agents arising in whole or in part or in consequence of the performance of the Work by the Consultant, its employees, or subconsultants, or which may in anywise result therefrom, except that arising out of the sole legal cause of the Village, its elected and appointed officials, employees or agents, the Consultant shall, at its own expense, appear, defend and pay all charges of attorneys and all costs and other expenses arising therefrom or incurred in connection therewith, and, if any judgment shall be rendered against the Village, its elected and appointed officials, employees or agents, in any such action, the Consultant shall, at its own expense, satisfy and discharge the same.
- B. Consultant expressly understands and agrees that any performance bond or insurance policies required by this Contract, or otherwise provided by the Consultant, shall in no way limit the responsibility to indemnify, keep and save harmless and defend the Village, its elected and appointed officials, employees or agents as herein provided.
- C. Consultant further agrees that to the extent that money is due the Consultant by virtue of this Contract as shall be considered necessary in the judgment of the Village, such funds 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.
- D. In the event that the Village is not immune from liability under any applicable law, and only in such event, the Village hereby agrees to indemnify and hold harmless the Consultant, its officers, directors, employees and subconsultants (collectively, Consultant) against all damages, liabilities or costs, including reasonable attorney's fees and defense costs, to the extent caused by the Village's negligent acts in connection with the Project and the acts of the Village, and/or any of its officers, trustees and/or employees.
- E. Neither the Village nor the Consultant shall be obligated to indemnify the other party in any manner whatsoever for the other party's own negligence, or for the acts of their respective officers, trustees, employees and/or agents.

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- F. The provisions of this Paragraph 13 shall survive any termination of the Contract.
14. Village Confidential Information:
- A. Consultant warrants that it shall not disclose, use, sell, rent, trade, or otherwise provide Village Confidential Information to any person, firm, or entity for any purpose outside of the specific purposes of the Contract Documents, except as necessary to comply with applicable State or Federal laws.
 - B. The provisions of this Paragraph 14 shall survive any termination of the Contract.
15. Professional Standard: The Consultant hereby covenants and agrees that the Consultant will perform all Services described in this Agreement in accordance with the Professional Standard. In connection with the execution of this Agreement, the Consultant warrants and represents as follows:
- A. Feasibility of Performance. The Consultant (i) has carefully examined and analyzed the provisions and requirements of this Agreement, including all Exhibits hereto; (ii) understands the nature of the Services required; (iii) from its own analysis has satisfied itself, to the extent reasonably possible, as to the nature of all things needed for the performance of this Agreement and all other matters that in any way may affect this Agreement or its performance; (iv) represents that this Agreement is feasible of performance in accordance with all of its provisions and requirements; and (v) can and will perform, or cause to be performed, the Services in accordance with the provisions and requirements of this Agreement.
 - B. Ability to Perform: The Consultant hereby represents and warrants to the Village, with the intention that the Village rely thereon in entering into this Agreement, that: (a) the Consultant is financially solvent; (b) the Consultant, and each has the training, capability, experience, expertise, and licensing necessary to perform the Services in accordance with the requirements of this Agreement and the Professional Standard; (c) the Consultant possesses and will keep in force all required licenses, permits and accreditations to perform the Services; (d) the Consultant has full power to execute, deliver and perform this Agreement and has taken all necessary action to authorize such execution, delivery and performance; (e) the individual(s) executing this Agreement are duly authorized to sign the same on the Consultant's behalf and to bind the Consultant hereto; and (f) the Consultant will perform the Services described herein promptly, diligently and continuously with an adequate number of qualified personnel to ensure such performance.
 - C. Authorized to do Business in Illinois: The Consultant certifies that it is a legal entity authorized to do business in Illinois, 30 ILCS 500/1.15.8, 20-43.
 - D. Certification to Enter into Public Contracts: The Consultant certifies that it is not barred from contracting with any unit of state or local government as a result of a violation of either Section 33E-3 or 33E-4 of the Illinois Criminal Code or violating the prohibition set forth in Section 50-10.5(e) of the Illinois Procurement Code, 30 ILCS 500/50-10.5e or any similar offense of any State of the United States which contains the same elements as the Illinois offenses of bid-rigging or bid rotating.
 - E. Payment to the Illinois Department of Revenue: Consultant certifies that it is not delinquent in payment of any taxes to Illinois Department of Revenue.
 - F. Debarment. The Consultant certifies that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in the Agreement by any federal department or agency. The Consultant will not knowingly use the services of any related party barred or ineligible for contracts by any federal,

1360850-01-10-14

state or local governmental agency or applicable Laws for any purpose in the performance of the Services.

- G. Interest of members of the Village: Consultant certifies that no member of the governing body of the Village and no other officer, employee, or agent of the Village who exercises any functions or responsibilities in connection with the planning or carrying out of the Services, has any personal financial interest, direct or indirect, in this Agreement; and the Consultant shall take appropriate steps to assure compliance.
- H. Interest of Professional Services Provider and Employees. Consultant certifies that it presently has no interest and shall not acquire interest, direct or indirect, in the various project areas or any parcels therein or any other interest which would conflict in any manner or degree with the performance of Consultant Services hereunder. The Consultant further covenants that in the performance of this Agreement, no person having such interest shall be employed.
16. No Conflicts of Interest: The Consultant warrants that it has no conflict of interest and has not employed or retained any company or person, other than a bona fide employee working solely for the Consultant, to solicit or secure this contract, and that it has not paid or agreed to pay any company or person, other than a bona fide employee working solely for the Consultant, any fee, commission, percentage, brokerage fee, gift(s), or any other consideration, contingent upon or resulting from the award or the making of this Contract.
17. Compliance with Laws: Consultant shall comply with all applicable federal, state, and local laws, ordinances, rules and regulations, and any and all orders and decrees of any court, administrative body or tribunal applicable to the performance of the Contract. Included within the scope of the laws, ordinances, rules and regulations referred to in this paragraph, but in no way to operate as a limitation, are: Occupational Safety & Health Act (“OSHA”); Illinois Department of Labor (IDOL”), Department of Transportation, and all forms of traffic regulations; public utility, Intrastate and Interstate Commerce Commission regulations; Workers’ Compensation Laws, the Social Security Act of the Federal Government and any of its titles, the Illinois Human Rights Act, and EEOC statutory provisions and rules and regulations. Evidence of specific regulatory compliance will be provided by the Consultant if requested by the Village.
18. Equal Employment Opportunity: The Consultant shall be an “equal opportunity employer” as defined in the United States Code Annotated. The Consultant shall be required to comply with the President’s Executive Order No. 11246, as amended, and the requirements for Bidders and Consultants under this order are explained in 41 CFR 60-4. The Consultant shall fully comply with all applicable provisions of the Illinois Human Rights Act.
19. Certifications: By the execution of this Agreement, the Consultant certifies that: (1) the Consultant is not delinquent in the payment of any tax administered by the Illinois Department of Revenue as required by 65 ILCS 5/11-42.1-1; (2) the Consultant has a written sexual harassment policy as required by and shall otherwise comply in all respects with the Illinois Human Rights Act (775 ILCS 5/2-105(A)(4)); (3) the Consultant will provide a drug-free workplace as required by and shall otherwise comply with the Illinois Drug-Free Workplace Act (30 ILCS 580/1, et seq.); (4) the Consultant has in place a written policy as required by and that it does and shall otherwise comply with the Illinois Substance Abuse Prevention on Public Works Projects Act (820 ILCS 265/1, et seq.); and (5) the Consultant is not and/or was not barred from bidding on this Contract pursuant to Section 33E-3 or 33E-4 of the Illinois Criminal Code (720 ILCS 5/33E-3 and 5/33E-4).

1360850-01-11-14

20. Project Documentation: Upon execution of this Agreement relative to the Project, notwithstanding anything contained in any other Contract Documents to the contrary, the Consultant and its subconsultants agree to and shall release to the Village any and all right, title, and interest in and to any and all Project Documentation depicting, documenting, or recording the Services, and/or the Work, and/or the Project which is the subject of the Contract Documents, prepared or created by the Consultant and/or its subconsultants, including but not limited to any and all drawings, plans, specifications, photos, reports, videos, and/or other recordings on any electronic media (sometimes collectively referred to as "Project Documentation"), and any and all of such Project Documentation shall become the property of the Village. The Consultant and its subconsultants further warrant to the Village that they have the legal right to convey said Project Documentation to the Village. The Work contemplated by the Contract Documents shall not be considered complete until and unless legible and complete physical and electronic copies of all such Project Documentation have been delivered to the Village. The Village may reuse Project Documentation without the prior written authorization of the Consultant, but the Village agrees to waive any claim against the Consultant arising from any unauthorized reuse or modification of the Project Documentation.
21. Illinois Freedom of Information Act: The Illinois Freedom of Information Act (FOIA) applies to public records in the possession of a party with whom the Village has an Agreement. The Village of Orland Park will have only a very short period of time from receipt of a FOIA request to comply with the request, and there is a significant amount of work required to process a request including collating and reviewing the information. Vendor acknowledges the requirements of FOIA and agrees to comply with all requests made by the Village for public records (as that term is defined by Section 2(c) of FOIA) and to provide the requested public records to the Village within two (2) business days of the request being made by the Village. Vendor agrees to indemnify and hold harmless the Village from all claims, costs, penalty, losses and injuries (including but not limited to, attorney's fees, other professional fees, court costs and/or arbitration or other dispute resolution costs) arising out of or relating to its failure to provide the public records to the Village under this agreement.
22. Independent Contractor: It is mutually understood and agreed that the Consultant shall have full control of the ways and means of performing the Professional Services referred to above and/or which is the subject of this Agreement and the related Contract and that the Consultant or his/its employees, representatives or Subconsultants are in no sense employees of the Village, it being specifically agreed that in respect to the Village, the Consultant and any party employed by the Consultant bears the relationship to the Village of an independent contractor.
23. Duration: This Agreement and the related Contract Documents shall be in effect from the date of the Contract until the completion of the Services, but the obligations of the Consultant under Paragraphs 12 and 13 shall continue after such termination.
24. Advertisement: The Consultant is specifically denied the right to use in any form or medium the name of the Village for public advertising unless express permission is granted by the Village.
25. Amendments: No agreement or understanding to modify this Agreement or the related Contract Documents shall be binding upon the Village unless in writing and signed by the Village's authorized agent. All specifications, drawings, and data submitted to the Consultant with this Agreement or the related Contract Documents are hereby incorporated and made part thereof.

1360850-01-12-14

25. Termination; Remedies: Notwithstanding any other provision hereof, the Village may terminate the Agreement in the event of a default by the Consultant or without cause at any time upon 15 days prior written notice to the Consultant. In the event that the Agreement is so terminated and the Consultant is not in default or breach of this Agreement, the Consultant shall be paid for Services actually performed and reimbursable expenses actually incurred, if any, prior to termination, not exceeding the value of the Services completed which shall be determined on the basis of the rates set forth in the Consultant's Proposal.
27. Supersede: The terms, conditions and specifications set forth in this Agreement shall supersede, govern, and prevail over any inconsistent terms, conditions, and/or specifications on any other Contract Documents.
28. Severability: In the event any section, subsection, paragraph, sentence, clause, phrase or provision of this instrument or part thereof shall be deemed unlawful, invalid, unenforceable or ineffective by any court of competent jurisdiction, such decision shall not affect the validity, enforceability or effectiveness of the remaining portions of this instrument.
29. Facsimile or Digital Signatures: Facsimile or digital signatures shall be sufficient for purposes of executing, negotiating, and finalizing this Contract, and this Contract shall be deemed delivered as if containing original signatures if such delivery is made by emailing a PDF of a scanned copy of the original, hand-signed document, and/or by use of a qualified, established electronic security procedure mutually agreed upon by the Parties.
30. Counterparts: This Agreement may be executed in one or more counterparts, which counterparts when affixed together, shall constitute one and the same original document.
31. No Third Party Beneficiaries: The parties do not intend to confer any benefit hereunder on any person, firm or corporation other than the parties hereto.
32. Entire Agreement: The Contract Documents (including all Exhibits attached thereto which by reference are made a part of the Agreement) and all other written agreements signed by all of the parties hereto which by their express terms are a part of the Contract Documents, are the final expression of, and contain the entire agreement between the parties with respect to the subject matter hereof and supersedes all prior understandings with respect thereto.

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed by their duly authorized officer in quadruplicate counterparts, each of which shall be considered as an original.

RJN Group, Inc.

By: E-SIGNED by Michael N. Young
on 2025-02-03 22:43:44 GMT

Name:
Michael N. Young

VILLAGE OF ORLAND PARK

By: E-SIGNED by Jim Culotta
on 2025-02-03 23:30:49 GMT

Name:
Jim Culotta

1360850-01-13-14

Its Senior Vice President & Authorized Agent Title: Interim Village Manager

EXHIBIT A

[ATTACH]

Scope of Work as set forth in Consultant's Revised Proposal dated November 22, 2024
And in Village RFP 24-064 Scope of Work dated November 19, 2024

EXHIBIT B

[ATTACH IF REQUIRED]

Schedule of Fees

1360850-01-14-14

Exhibit A

November 19, 2024 | 11:00 AM

A Proposal for SANITARY SEWER EVALUATION PROGRAM 2025-2027 RFP #24-064

PREPARED FOR THE
Village of Orland Park, IL

PREPARED BY



DESIGNATED CONTACT

Archana Kuchimanchi , PE
Project Manager
(312) 363-8835
archana.kuchimanchi@rjnmail.com



Engineering
Infrastructure
for Tomorrow

www.rjn.com

November 19, 2024

Mr. Patrick McLaughlin
Engineering Division Manager
Village of Orland Park
Office of the Village Clerk
14700 South Ravinia Avenue
Orland Park, Illinois 60462

Subject: RFP #2024-064 Sanitary Sewer Evaluation Program 2025-2027

RJN Group, Inc. is poised to bring the Sanitary Sewer Evaluation and MWRD Compliance Program and the sewer improvements to fruition by leveraging our acute knowledge of the Village's collection system's operational history and unique challenges. We will accomplish this by implementing proven design approaches that will cost-effectively and efficiently improve high-priority sanitary sewer defects. RJN acknowledges receipt of Addendum #1 published via BidNet Direct on November 14, 2024.

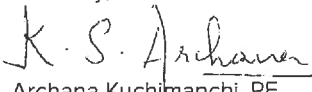
Program Understanding—We understand that the focus of the 2025-2027 program will be to make significant progress in terms of continued sewer assessment and constructing improvements and the rehabilitation of assets. Our project leadership has in-depth knowledge of the planned improvements, having been heavily involved in developing the recommendations. While improving asset service life is the primary focus, our team will also ensure all MWRD reporting is completed and that compliance is achieved through systematically investigating and rehabilitating throughout the Village. Additionally, we will also continue to advance and refine the CCTV televising review and analysis of inflow and infiltration (I/I) sources.

MWRD Reporting—RJN has strong working relationships with the Metropolitan Water Reclamation District (MWRD) and the Illinois EPA. We have actively supported MWRD tributary communities, negotiating the requirements of the MWRD Inflow/Infiltration Control Program (IICP), and assisting with MWRD approval processes for tributary infrastructure. RJN assisted the Village with the preparation of the initial reporting, as well as all of the annual reports for the short-term program from 2016-2023. RJN has also partnered with the Village to prepare and submit the annual long-term operation and maintenance plan (LTOMP) as well as their private sector plan (PSP) to MWRD.

Design and Construction Expertise—Armed with our unparalleled understanding, our team will hit the ground running and deliver pragmatic construction management services that will minimize project delays and change orders. To date RJN has affected significant change to the Village's collection system through the design and execution of major point repair, CIPP lining, T-liners, mainline joint grouting, and lateral grouting.

Thank you for considering our qualifications. We look forward to continuing our work with the Village of Orland Park. If you have any questions, please contact Project Manager Archana Kuchimanchi, PE, at 630-682-4700 x1344 or archana.kuchimanchi@rjnmail.com.

Sincerely,


Archana Kuchimanchi, PE
Project Manager


Michael Young, PE
Project Director



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SECTION 1
FIRM DESCRIPTION





FIRM DESCRIPTION

Established in 1975, RJN is an employee-owned professional engineering and specialty field services corporation focused on providing cost-effective and innovative water infrastructure solutions, always driven by client goals. With more than 180 nationwide engineering professionals and over 3,680 projects successfully completed, our engineers have the experience to meet the unique challenges of any assessment or design project.

49
years delivering
infrastructure solutions

291M
linear feet of
pipeline assessed

9.6M
linear feet of
pipeline designed

\$400M
worth of constructed
pipelines and assets

THE RJN DIFFERENCE

Engineering Quality Data

RJN engineers understand the caliber and type of data required to meet project goals, whether the aim is achieving peak hydraulic performance, extending remaining useful life, or restoring design capacity.



Public Utility Expertise

More than 90 percent of our clients are municipalities and public utilities. We understand the nuances of navigating the complex regulatory environment and funding constraints when working with critical community systems.



Technology and Innovation

RJN embraces emerging technologies and new approaches. We continuously strive to identify ways to create efficiencies and enhance our ability to capture quality data and deliver actionable solutions.



SERVICES

Our engineers provide full life cycle project delivery, from planning through construction phase services.

Analyze

- Field investigations and condition assessments
- Inflow and infiltration (I/I) analysis and reduction
- GIS/asset survey, mapping, and integration
- Flow and rainfall monitoring

Plan

- Capacity analysis and hydraulic modeling
- Asset management
- Regulatory and funding assistance
- Master and capital planning

Design and Construct

- Pipeline design
- Lift and pump station assessments and design
- Construction inspection and management
- Design-build project delivery programs

AWARDS

Trenchless Technology since 2010

19th in Top 50 Trenchless Engineering Firms - 2023

Engineering News-Record

2024 Top 200 Environmental Firm (*since 2005*)
2024 Top 500 Design Firm (*since 1984*)

APWA National and Regional Project of the Year

2016: West Park Wet-Weather Storage, Design-Build, Wilmette, Illinois

APWA Regional Project of the Year

2021: Emergency Levee Repairs, Fort Worth, Texas

2020: Large Diameter Pipe Rehabilitation, Wheeling, Illinois

Water Environment Federation Innovative Technology Award

2020: Clarity®

REGISTRATIONS AND LICENSURE

Firm Licensure

RJN maintains an engineering license from the State of Illinois Department of Financial and Professional Regulation: #184.000813-0002 062.052840
Expiration: 04/30/2025

Personnel Registrations

Project Manager Archana Kuchimanchi, PE (#062-069026), QA/QC Leader Tom Romza, PE (#062-068124), Funding Specialist Catherine Morley, PE (#062-044743), Design Engineer Patrick Hulsebosch, PE (#062-074848), Design Engineer Andrew Ico, PE (#062-076904), and Project Director Michael Young, PE (#062-052840), are registered professional engineers within the State of Illinois.

SSES EXPERIENCE

Firm Experience

RJN has been providing SSES inspection and analysis services to communities in the Midwest and across the nation for 49 years. At present, RJN is conducting comparable projects to the scope outlined in solicitation 2024-RFQ-021 for clients tributary to MWRD and within 75 miles of the Village, including:

- Rolling Meadows, Illinois
- Des Plaines, Illinois
- Palos Heights, Illinois
- Wheeling, Illinois
- Arlington Heights, Illinois
- Hanover Park, Illinois

Personnel Experience

Project Manager Archana Kuchimanchi, PE, has more than five years managing SSES and customizing design rehabilitation programs. Project Director Michael Young, PE, QA/QC Leader Tom Romza, PE, and Field Manager Lewis Chellberg each have over a decade of managing SSES projects, including the multi-year MWRD IICP, sanitary sewer assessment, and rehabilitation program for the Village of Orland Park. Technical Advisor Catherine Morley, PE, has more than three decades of funding and compliance management for federally-funded design and construction projects.

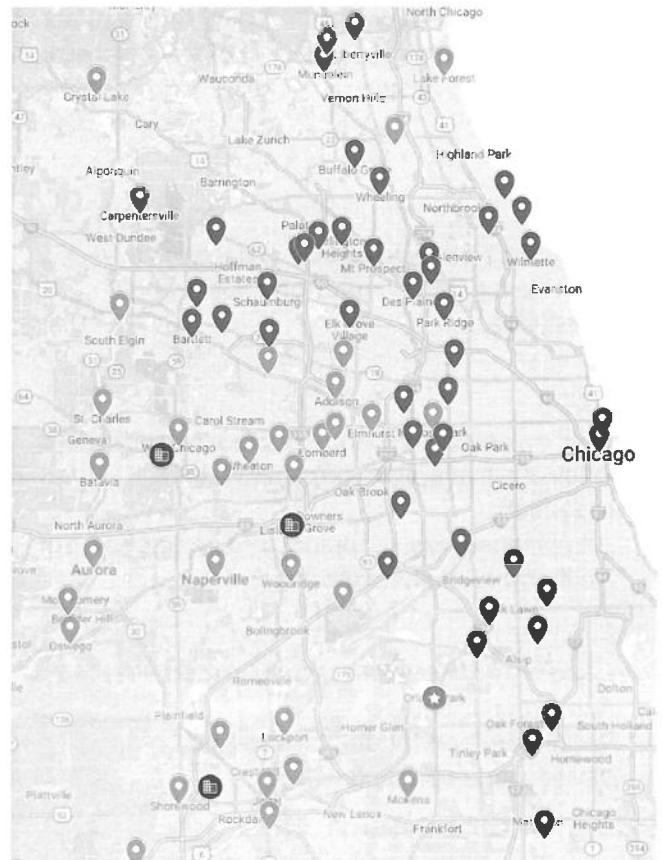


MWRD IICP EXPERTISE

RJN engineers and technicians have worked extensively with regulatory-driven programs like the Metropolitan Water Reclamation District (MWRD) of Greater Chicago Inflow/Infiltration Control Program (IICP), and have studied and designed sewer, water, and stormwater infrastructure.

Our comprehensive knowledge base with local regulatory drivers, and system condition inspection, analysis, and design strategies, ensures that best practices are always implemented, resulting in cost effective and sustainable solutions.

RJN has a strong working relationship with the MWRD. We have also worked with and for a number of MWRD communities in preparing annual submittals for the IICP reporting, as well as Long Term Operation and Maintenance Program (LTOMP) and Private Sector Programs (PSP). We always act on behalf of our clients to ensure each project meets the needs and will be approved by MWRD.



- 📍 Municipal Client of RJN
- 📍 MWRD Tributary Community and Client of RJN
- ★ Village of Orland Park
- 🏢 RJN's Local Offices

SECTION 2
PROJECT UNDERSTANDING



PROJECT UNDERSTANDING

The Village of Orland Park seeks to engage a specialty engineering consulting firm to continue the Village's proactive assessment and improvement program for their sanitary sewer system, which consists of four primary components:

- Flow monitoring and hydraulic modeling
- Inspections and condition assessments
- MWRD reporting
- Rehabilitation design and construction

RJN Group has worked with the Village since 2016, leading the Village through the IICP efforts to maintain compliance with MWRD. RJN has key project leaders who have been involved in the program as guiding voices through the Village's engineering staff transitions over the last ten years. From the MWRD short-term program and now into the long-term operations and maintenance program (LTOMP), RJN has helped plan the annual sewer program activities and budget.

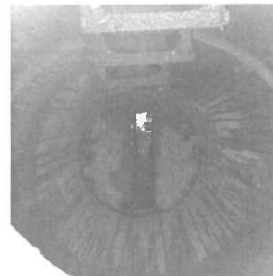
Using our acute understanding of known historic problem areas; wet-weather basement backups and sanitary sewer overflows—in combination with the insights gained from inspections and flow monitoring, the Village was able to focus the first four years of the program on inspecting the identified high priority sewers.

Upon initiating the LTOMP in 2020, the Village has focused on rehabilitating the original four basins, as well as conducting inspections in basins where flow monitoring identified large amounts of I/I.

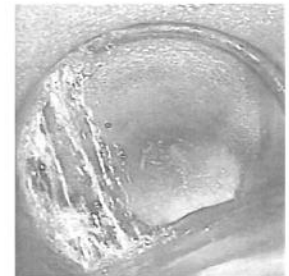
From 2019 through 2022, RJN has assisted Orland Park in completing the village-wide flow monitoring program by installing a mixture of Village-owned and RJN-owned flow meters, resulting in a evidence-based and hydraulic data-driven program focusing the program's priorities for future inspections, analyses, and improvement efforts.

Priority areas for investigations were identified based on the high peaking factors observed in some basins. Significant issues have since been identified for the following concerns:

- Sanitary sewers exhibiting a variety of inflow/infiltration (I/I) issues
- In the past four years, several areas suffered pipe collapse or structural failures
- Numerous cross connections to the storm sewer system have been identified through smoke testing and dye testing
- A few crossbored utility pipes have been identified.



I/I at manhole chimney joints



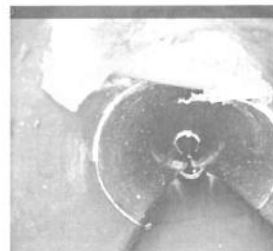
Inflow revealed by CCTV inspection/sewer televising



Wastewater pipe failure



Structural defect and pipe deformation



Cross-bored utility pipe



Multiple manhole I/I sources found during smoke testing

MWRD REPORTING

RJN has been a partner for the Village since the beginning of the MWRD IICP in 2016. RJN assisted with the preparation of the initial reporting, as well as all of the annual reports for the short-term program from 2015-2020. In addition, RJN has worked with the Village to prepare and submit the annual LTOMP as well as their private sector plan (PSP) to MWRD.

RJN maintains an up-to-date and holistic understanding of the IICP submittal requirements and will continue to assist the Village with navigating the nuances of maintaining compliance with MWRD.

DESIGN AND CONSTRUCTION

The FY2025-27 design and construction program will include rehabilitation design and construction of mainlines 8-15 inches in diameter. These improvement designs are based on assessments and will develop I/I remedial measures as part of the program.

The condition assessment program has been used since FY2016 to drive the Village's sanitary sewer rehabilitation program. To date, the Village has focused rehabilitation efforts on the mainline and critical lateral connection rehabilitation. Since FY2018, six major construction projects totaling nearly 2.5 million dollars in construction costs have been completed, restoring full-service life to sewers and laterals.

These efforts have drastically improved the collection system and eliminated major defects, encompassing:

- Point repairs
- Lining of more than 100 sewer segments (25,000+ feet of pipe)
- Rehabilitation of over 200 laterals
- Identification of 500 manholes that require rehabilitation

FLOW MONITORING

The flow monitoring program has facilitated quantification of the amount of excess flows entering the collection system at various locations, prioritizing inspections and rehabilitation, provided flow data for lift station improvements, and

identified capacity constraints within the sewers. The flow monitoring program is expected to continue to be a part of the annual program, as needed, for the foreseeable future.

Metering and Maintenance

RJN has installed, maintained, and operated the Village's fleet of 8 Hach FL900 series flow meters with onboard telemetry units since their purchase in 2016.

The next phase of flow monitoring is expected to start in FY25 through FY27, where the tributaries to the Catalina Lift Station, Fairway Lift Station and Wedgewood Lift Station can be monitored to assess the capacity of the sewers, diagnosing I/I problems and identifying flow inhibitors.

I/I SOURCE QUANTIFICATION

I/I quantification is critical to the success of the MWRD IICP initiative. RJN has developed algorithms to analyze flow and field inspection data and quantify I/I contributions to a specific defect. The foundation of our I/I quantification tool is the balancing of measured flows with cumulative I/I source contributions. Using this method for prioritizing defects for rehabilitation or repair, we have been able to successfully achieve proven flow reduction and meet the compliance goals.

CONDITION ASSESSMENT

It is expected that SSES activities will continue our field inspections and sewer investigations with the goal being to finish the sewer televising, footage review, manhole inspections, and smoke testing within the central parts of town.

RJN has been working with the Village on improving their CCTV procedures through the use of SewerAI autocoding. The CCTV review is expected to include autocoding services by SewerAI.

SECTION 3
PROJECT APPROACH



MWRD ANNUAL REPORTING

On July 10, 2014, the MWRD adopted Article 8 of the Watershed Management Ordinance (WMO). This article outlines the requirements of the inflow and infiltration (I/I) control program, which applies to all separate sanitary sewer systems tributary to the MWRD. RJN has worked with the Village since 2016, assisting with completing and submitting paperwork and forms on behalf of the Village to the MWRD including annual reports presenting:

- Condition assessment investigations and associated rehabilitation completed
- Narrative of progress made toward the development of private sector and long-term O&M programs

- Summary of sanitary sewer overflows (SSOs) and basement backups
- Status and map of deficiencies found as well as plan for rehabilitation, including a Capital Improvement Plan (CIP) summary, if necessary

In 2019, we completed the submittal requirements for the Village's long-term operations and maintenance plan (LTOMP) and the private sector plan (PSP) development. As the Village progresses into compliance with the long term plan for MWRD, RJN has the processes in place to continue helping the Village in this effort.

FLOW AND ASSESSMENT PROGRAM APPROACH

RJN will approach the FY2025-27 SSES program in the same way we have completed inspections for the Village since 2016 while incorporating new technologies developed since the program started. Our approach will satisfy the scope of services provided in the solicitation RFP #24-064. We have completed the following for the Village since the beginning of our work relationship:

- 1,522 NASSCO manhole inspections and GPS manhole survey
- 283,554 LF of smoke testing
- 11 dye testing setups
- 2 lift station & 1,972 LF force main assessment
- 628,456 LF CCTV inspection condition review
- Summary report with GIS integration

RJN STANDARD SSES PROJECT FEATURES

- ◆ GPS-Driven Field Data Collection
- ◆ Customizable Data Management Tools
- ◆ Internally-Developed Analytics Tools
- ◆ Stringent QA/QC Processes
- ◆ Clarity™ Secure, Web-Based Client Portal
- ◆ Integrated GIS Deliverables

FLOW MONITORING

RJN's standard approach to flow monitoring ensures comprehensive data collection and analysis to inform. Our methodology adheres to industry best practices and incorporates advanced techniques to accurately capture flow rates and rainfall patterns. With a focus on precision, reliability, and efficiency, RJN's approach guarantees the delivery of high-quality data that meets or exceeds Village expectations. All flow monitoring data is readily accessible, on-demand, via RJN's management hub, Clarity®. RJN has maintained, calibrated, and operated the Village's fleet of 8 Hach FL900 series flow meters with onboard telemetry units since their purchase in 2016.

I/I Analyses

RJN has developed a suite of tools that take flow data analysis beyond peaking factor analysis. I/I analyses can identify downstream control, surcharging, reverse flow, and overflow events. Regression analyses project flows to standardized recurrence intervals, providing the capability to determine a variety of storm strengths.



The RJN algorithms calculate and assign a rate to each found defect using standard storm event levels. Each defect I/I rate for a line segment is accumulated for the metered basin to balance with the overall excess flow levels. Infiltration levels are balanced by uniformly distributing the unit flow rate over all line segments in the basin. Inflow balancing uses a standard array of flow values within a range. Balancing is successful when the monitored inflow rate is within ten percent of all quantified defect I/I.

MANHOLE INSPECTIONS AND GPS SURVEY

Manhole inspections identify deterioration in the manhole structures and at pipe connections entering and exiting the structure. Structure attributes and physical measurements are



obtained and, where present, flow rates are quantified. All pipes entering and exiting each structure are visually inspected for any sources of extraneous flow or restriction.

RJN inspectors perform NASSCO compliant inspections focusing on documenting general structure conditions, noting deterioration, cracking, and other general structural issues that could allow groundwater into the system or require maintenance to prevent failure. All defects are rated using industry-accepted NASSCO condition criteria. They hold necessary OSHA and work zone safety certifications to safely perform visual topside, full-descent, and remote camera inspections.

RJN MANHOLE INSPECTION STANDARDS

- ◆ GPS coordinates are captured for each manhole.
- ◆ Manhole attributes, coordinates, and measurements are recorded using mobile data collectors
- ◆ Digital photos record the general area surrounding each manhole as well as down looking images.
- ◆ The interior structure of the manhole is inspected using high-level illumination.
- ◆ NASSCO MACP/PACP compliant coding is used to categorize defects.

SMOKE TESTING

Smoke testing effectively simulates wet-weather conditions and is used to cost-effectively locate leaky manholes; cracked main lines and laterals;



connected downspouts; directly connected storm sewers; foundation drains; area and driveway drains; and broken clean-outs. Suspect sources—potential connections to the sewer system like downspouts that do not smoke—are also noted and recommended for dye tracing follow-ups. RJN deploys a three- or four-person crew and smoke tests one segment at a time using dual smoke blowers on consecutive manholes.

RJN SMOKE TESTING STANDARDS

- ◆ Smoke testing uses high-intensity dual blowers.
- ◆ Smoke testing lengths are limited to one line segment between the upstream and downstream blower locations.
- ◆ Flags are placed at all observed smoke locations and digital photo images will be captured.
- ◆ GPS coordinates are captured for smoke defect locations and suspect source sites are sketched using mobile data collectors.
- ◆ All smoke defect images are linked to site GPS coordinates.

DYE TESTING/FLOODING

Dye testing helps to pinpoint and quantify cross connection defects, such as directly connected catch basins and cross-connected storm sewers that were initially identified during



smoke testing. Dye testing is a follow-up inspection to smoke testing.

RJN DYE TESTING STANDARDS

- ◆ Plug any adjacent storm sewers near smoke defects.
- ◆ Fill the storm sewer with florescent-dyed water
- ◆ Measure the total depth and velocity of the flow with a portable velocity meter before and during dye flooding
- ◆ Assign an estimated flow contribution to each identified defect.
- ◆ Complete in conjunction with sewer TV inspection to trace flows
- ◆ Record site GPS coordinates, images, and D/V readings with mobile data collectors

Mainline video pipe inspections performed in conjunction with dye testing will efficiently pinpoint defects, and provide the data needed to assign I/I flow contributions.

CCTV REVIEW

The Village conducts an annual cleaning and televising program using in-house staff and equipment. Video pipe inspections identify and verify the magnitude and condition of structural pipe defects in mainlines, force mains, and service laterals. Captured video records specific defects and provides key information used to vet rehabilitation methods.



Local RJN engineers, field professionals, and data analysts hold current NASSCO MACP/PACP/LACP certifications and are qualified to review televising footage, assign defect codes to the data, and provide recommendations for rehabilitation to the Village. RJN data analysts will observe the pipe characteristics, defects, and flow obstructions to rate its conditions.

Lateral Televising. In most sewer systems, service laterals can be a large I/I contributor. We have seen laterals contributing up to two gallons per minute (GPM) during a major storm event. Lateral televising, coupled with dye testing will effectively locate failing connections, dead laterals, and failing laterals. Lateral inspections run a mainline TV camera down the sewer main to a lateral connection. A separate camera is launched from the main camera up the lateral.



GPS Coordinates are captured and used to link the video to be linked to the GIS. NASSCO LACP-certified engineers review the lateral video, assign LACP coding, and develop rehabilitation recommendations including disconnections. Flow balancing techniques can also be used to assign I/I contribution levels from laterals.

QA/QC Reviews

Video and logs are uploaded and reviewed by RJN NASSCO-certified data analysts/engineers to validate field findings. This process results in 100% of the TV inspection footage being double-checked for accuracy.

Alternative Data Collection Technologies

RJN brings a complete toolbox of inspection technologies for gravity lines and force main/pressure pipes, and offers a working knowledge of more than 50 specialized pipe inspection tools.

IN-PIPE TECHNOLOGIES

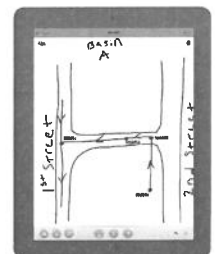
- Rapid Inspection Technology (RIT)
- CCTV and Multi-Sensor Inspection Pipe Inspections (MSI)—HDCCTV/Laser/Sonar
- Free-Swimming and Tethered In-Pipe Acoustic and MSI Tools
- Ultrasonic
- Electromagnetic
- Pole and Zoom Cameras
- 360° Manhole Scanners
- Flow Meters
- Pressure Monitors
- Overflow Sensors

EXTERNAL TECHNOLOGIES

- Acoustic Leak Detection
- Acoustic Correlators
- Electromagnetic Survey
- Corrosion Assessment

Mobile Data Collectors

RJN's field data collection efforts run on our handheld, mobile data collectors. These are equipped with customizable data entry forms and operate on standard Wi-Fi and cellular technologies. During field inspections, attribute and field data is entered using custom forms designed to guide inspection activities and validate data entry. Built-in quality control measures ensure all data elements are captured efficiently and accurately. Spatial coordinates (X and Y) are captured at each work site, and photos recording conditions are tagged to the GPS coordinates at the inspection sites. Data is uploaded to the Clarity® data management platform as the inspectors leave each inspection site.



LIFT STATION EVALUATION ---

Lift stations serve a critical role in the healthy operation of sewer systems. Lift station maintenance issues and failures have the potential to put the system into stress and negatively impact services to community residents and businesses. The proven RJN lift station assessment process is designed to preempt issues by holistically evaluating pump performance and capacities, structural conditions, and tributary system components (i.e., force mains, downstream manholes, valves, etc.).

Historical Data Review

Prior to starting the assessment, a complete review of existing as-builts, performance histories, and maintenance and operations histories including pump curves and pump run times will be completed. Previous station and/or force main rehabilitation or replacement, failures, repairs, and pump performance data will be documented.

General Condition Assessment

Evaluating the general condition of lift station, force mains, and tributary components focuses on documenting overall conditions including station and force main sizes and materials, types of pumps, connecting sewer inverts, accessibility for maintenance, security, bypass pumping options, valve locations and shut-offs, floats and level monitoring, and emergency power options.

We will walk force main alignments to capture GPS coordinates of air/vacuum relief valves, force main outlets, and other access points that may be relevant to maintenance or inspection activities. Any signs of potential stray currents, external loadings, leaks, or other potential issues will be documented with notes, photos, and GPS coordinates.

Structural Assessment

The condition assessment of wet-wells, dry-wells, valve vaults, and downstream manholes will be conducted via manned entry following OSHA confined space entry protocols or using remote cameras to capture condition data about the lift station, the wall material, dry-well structures, wet-well structures, evidence of corrosion, manhole conditions, and evidence of surcharging or observations of inflow or infiltration (I/I).

Operations Assessment

We will observe and document pump operations and complete fill-and-draw testing for each pumping configuration. The fill-and-draw testing is used to determine actual pump capacities and hydraulic operation. This information can be compared to available pump curves and design flows. Wet-well volumes are calculated using dimensions; the fill time for wet-wells will be measured during the fill-and draw testing to calculate average flow rates.

We can also install a pressure gauge (pressure transducer) and data logger on the force main and collect pressure data during the pump on/off cycles.

Controls Assessment

We will review the monitoring and control system and produce a comprehensive inventory, including installed flow meters or runtime recorders, SCADA connectivity and telemetry, alarming capabilities, and backup power and emergency controls.

All conditions will be recorded with digital photos and GPS coordinates will be captured. All findings will be available in our proprietary data management hub, Clarity® as the inspections are completed.

DATA SHARING AND GIS INTEGRATION ---

RJN's proprietary Clarity® Data Management Hub is built on a GIS framework and unites powerful data analytics, smart AI automation, and GIS-driven data management, giving utility owners a single-source management tool. Designed for flexibility, Clarity easily communicates with external data technologies or systems.



Simplified Project Monitoring

Clarity is a powerful reporting tool with user-specific security, scheduling, and management features, allowing efficient and timely access to evaluate project data as it is collected for analysis, reporting, and tracking.

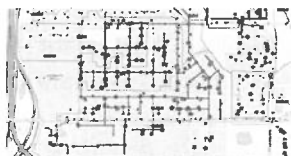
Clarity also facilitates the bundling of capital improvements, summarizes maintenance actions, and illustrates hot spots for prioritization of rehabilitation activities.

Results at a Glance

All field inspection data and analysis, such as asset attributes (materials, age), condition scoring, I/I quantification, customizable and on-demand hydrographs, scattergraphs, hot spots and trending analytics can be viewed in Clarity in a map format with drill-down capabilities to see the details. Details and findings can be filtered to visualize only what is important, highlighting trends critical to planning and decision-making.

GIS Integration

RJN, as a Silver ESRI partner, uses GIS for project planning, tracking, analysis and reporting. All collected inspection data—GPS coordinates, manhole inspection, smoke defect data—is exported from Clarity in GIS-ready formats, facilitating easy integrated.



RJN is familiar with the Village's GIS and standards. Our team will continue to deliver quality data that refines and enhances the GIS with zero learning curve.

DATA ANALYSIS AND REPORTING

RJN assessment phase deliverables provide a summary of findings and a list of I/I defects and structural defects that may contribute to dry-weather and wet-weather overflows. As a standard practice, RJN assigns I/I contribution rates to each defect to develop rehabilitation recommendations that account of potential I/I reduction. Each asset is reviewed holistically using our internally developed algorithms and analytics tools. Our quantification process identifies I/I by line segment or manhole and focuses on deriving the source of I/I and I/I flow rate based on storm simulations.

ENGINEERING DESIGN AND BIDDING SERVICES

RJN engineers have prepared designs to construct or rehabilitate more than 9.6 million linear feet of pipeline and thousands of manholes.

Flow rates based on actual field observations can also be entered during the data input process to override the computer quantified values.

Recommendations

Our strategy for developing rehabilitation recommendations includes evaluating each defect, vetting various rehabilitation alternatives, and estimating costs using current local contractor bid schedules. We review each inspected manhole, pipe and each observed defect to build a sound, holistic plan by structure. Recommendation prioritization weighs the severity of structural conditions, I/I contribution rates, and costs.

Each recommendation considers replacement, point repairs, relief, upsizing, and the use of trenchless technologies, factoring the extended service life of the rehabilitation measure. Our objective is to ensure the appropriate, cost-effective, and sustainable solutions and techniques are used.

Typical Manhole Rehabilitation

- Complete Replacement
- Grade Adjustments
- Pipe Seal Repair
- Manhole Lining
- Frame Sealing
- Wall Coating and Grouting
- Bench and Trough Repair

Typical Mainline/Interceptor Rehabilitation

- Point Repairs
- Capacity Improvements
- Section Replacement
- Re-routing
- Upsizing
- CIPP Lining

Typical Lateral Rehabilitation

- Replacement
- Point Repairs with Emphasis on Main Connections
- Clean-Out Repairs
- Lateral Lining and Grouting

RJN summary reports provide sufficient detail to serve as a 10% or basis for design documents to support maintenance and capital planning.

PROVEN DESIGN WORKFLOW

RJN's design projects follow a proven workflow that establishes clear, client-focused goals and facilitates the execution of tailored design solutions to even the most challenging scenarios.

RJN's typical workflow includes:

- Kick-off meeting to establish goals, schedules, budgets, and standards
- Finalize scope and work plan
- Conduct field reconnaissance and collect existing site data
- Analyze preliminary site and existing system/maintenance data
- Develop and vet design alternatives
- Identify permitting and easement requirements
- Develop conceptual design report
- 30% QA/QC
- Meet with client for approval
- Perform utility coordination/SUE
- Develop draft plans and specifications
- Estimate construction cost
- 60% QA/QC
- Meet with client
- Incorporate client feedback and prepare technical specifications
- 90% QA/QC
- Prepare final bid-ready documents and assist client with bidding
- Make recommendation for award
- Provide construction assistance

REHABILITATION SPECIALISTS

Developing plans, specifications, and bidding documents for sewer rehabilitation programs is only part of the work related to rehabilitation. It is important to be knowledgeable of the ever evolving rehabilitation technologies, materials, and methods available in the market. RJN is nationally recognized for our experience with trenchless construction methods.

Trenchless Construction Experts

RJN, ranked 19th on the Trenchless Technology list of "Top 50 Trenchless Design Firms," offers expertise with innovative trenchless technologies that can effectively overcome traditional obstacles associated with pipeline rehabilitation. These technologies are employed for a variety of reasons; some provide financial rewards, while others have intangible benefits to the public including:



- Preserving natural terrain, landscaping, and foliage
- Averting exorbitant restoration costs
- Preserving historical areas
- Minimizing disruptions to public facilities, private properties, and improvements
- Limiting impacts to wetlands and other sensitive environmental areas
- Avoiding other utilities and structures
- Increasing system capacity to avoid expensive relief or re-routing strategies



RJN engineers understand the complexities of developing the ideal solution suited to the budget and the unique project sites and conditions.

DESIGN QA/QC

Constructability and the ease of future maintenance are the primary focus of the QA/QC reviews at each design stage.

- **10% Milestone**—A design and concept review workshop and a site visit to evaluate or further assess site conditions.
- **30% Milestone**—A site walk-through conducted by the design review engineer with survey database sheets to ensure survey data is accurate and complete.
- **60% Milestone**—A site walk-through conducted by the design review engineer and a qualified independent engineer with the preliminary design plans to ensure the constructibility of the design meets sustainability and design goals.
- **90% Milestone**—A comprehensive review of all construction documents and deliverables conducted by an independent engineer prior to submission.

In addition to the walk-through reviews, the QA/QC team will hold brainstorming sessions at each progress level to ensure the design is thoroughly validated and tested. Each review will be completed with checklists and sign-off before submittal to the Village.

BIDDING ASSISTANCE

During the final design phase we will prepare bid documents providing the detail required for bidding. Producing detailed plans, specifications, and bidding documents is just the first step in selecting the right contractors for construction. RJN engineers stay abreast of continually evolving sewer rehabilitation technologies, materials, and methods, and will use our knowledge base to assist the Village with:

- Bid advertising and collection
- Answering contractor/bidder questions
- Acting as an extension of Village staff for:
 - Bid opening
 - Bid tabulation and scoring
 - Contractor recommendations and selection

Our engineers and construction inspectors can fully manage bidding services, serve as a consultant, or some variation of managing and consulting.

CONSTRUCTION MANAGEMENT

RJN engineers and construction inspectors have performed construction phase engineering services on sewer and water improvement and rehabilitation projects approaching \$400 million.



Our approach typically includes the following tasks:

- Perform pre-construction conference
- Review submittal/shop drawings
- Conduct on-site inspections
- Document construction activities
- Review and approve payment requests
- Perform pre-final and final construction inspection
- Prepare record drawings

Through each aspect of every awarded project, RJN team members will operate transparently, ensuring open lines of communication with Village staff while developing budget-friendly long-term solutions.

RJN expertise with construction management ensures that contractors are performing their work in accordance with the construction documents,

and that the project objectives will be met. Typical construction phase activities may include, but not be limited to, the following:

- Attend and conduct a pre-construction conference
- Review shop drawings, product data, and samples
- Evaluate and determine the acceptability of substitute materials and equipment
- Review manufacturers' warranties or bonds on materials and equipment
- Review and approve pre-construction videos
- As the Village's representative, provide full-time, on-site inspection of all significant activities
- Issue all contractor instructions
- Prepare routine change orders as required
- Provide initial interpretation of contract terms, conditions, and documents, and judge performance
- Make recommendations to the Village on claims of Village and contractor(s) relating to the execution and progress of work and other matters and questions
- Conduct progress meetings with contractor and Village representatives
- Update and maintain project progress schedules
- Respond to complaints or concerns of Village residents and businesses
- Develop any changes, alterations, or modifications, in the best interest of the Village, and issue field work orders
- On-site observation of post-construction testing
- Review pay estimates and recommend approval or other appropriate action

RJN conducts inspections to ensure the project is substantially complete, and performs a final inspection to determine if the project has been constructed in accordance with the contract documents. Final inspection will validate that each contractor has fulfilled their obligations and that a recommendation can be made, in writing to the Village, of final payment. Our team has a deep understanding of the Village's collection system, which allows us to more efficiently make decisions.

Upon completion of the final inspection, RJN construction specialists will:

- Prepare the record drawings in digital format
- Prepare the final change order reconciliation (overs and unders) of the project in conjunction with the final request for payment.

ADDITIONAL SERVICES

HYDRAULIC MODELING AND ALTERNATIVES ANALYSIS

Hydraulic modeling is one of the most effective tools for evaluating the ability of a collection system (pipes and pumps) to convey base flows, peak flows, and simulate system behavior during various wet-weather events.

Having established the modeling and data management protocols, as well as the design criteria for the alternatives, the RJN team will work logically through identified concept designs to assess and evaluate the alternatives. Various scenarios will be simulated to analyze how the current system configuration responds.

BUILDING INSPECTIONS

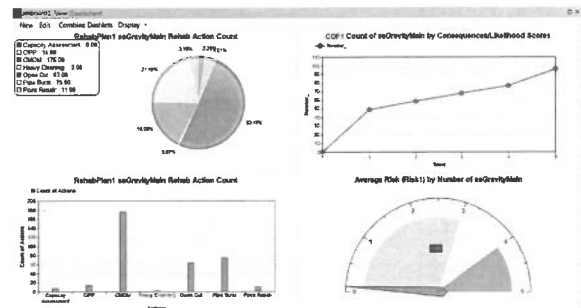
Building inspections conducted to identify or confirm private sources of I/I that could not be identified by other field investigation tasks. Properties and areas may be selected based on results of hydraulic analysis or flow balancing. Each selected property will be subject to a full exterior and interior inspection.

- Exterior inspection will consist of identification of potential sources of inflow such as roof leader downspouts, patio drains, driveway drains, area drains, window well drains, and foundation drains.
- Internal inspections will consist of identification of the exit location, the location and discharge outlet of any sump pumps, combination pumps, and ejector pits, and the location of diverter valves or floor drains in the building's basement or lowest level.

Building inspections are always conducted by two-person crews and are scheduled so inspections are performed in an orderly fashion and entrance to building interiors is maximized.

ASSET MANAGEMENT

Risk-based analysis uses mathematical models and decision-tree analytics to develop likelihood and consequence of failure ratings based on asset conditions and attribute data. This analysis



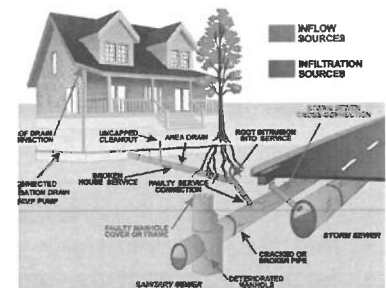
produces a report card for system assets, effectively driving improvement planning to:

- Prioritize infrastructure maintenance
- Produce a visual representation of critical assets
- Develop risk-based budgeting

Leveraging ArcGIS databases, condition data and NASSCO coding, and hydraulic modeling data, we use the features of Aquanuity to apply advanced predictive analytics. Robust analytics ensure development of performance-driven capital planning alternatives that focus capital budget dollars to address the most critical maintenance issues.

PUBLIC OUTREACH

Public outreach efforts can include surveys to collect information, notifications for inspection testing, and educational/informative meetings to address project goals. The primary goal of RJN outreach efforts is to support the Village by addressing resident questions and concerns.



Surveys

RJN has worked with numerous communities to help develop the short surveys, collect the data, and incorporate the responses into GIS for easy viewing and analysis. Storm surveys conducted after severe rain events are distributed to community members to find out if basement backups or flooding occurred.

Smoke testing and building inspections are highly visible and somewhat intrusive into personal property. RJN uses proven public notification procedures to minimize the impact to residents, facilities, and businesses. Routine procedures include:

- [illegible]



SECTION 4
PROJECT EXPERIENCE



Multi-Year SSES, MWRD IICP Compliance, and Rehab Program

VILLAGE OF ORLAND PARK, ILLINOIS

Patrick McLaughlin | (708) 403-6350 | pmclaughlin@orlandpark.org



BACKGROUND

The Village of Orland Park undertook a program to understand the performance of its wastewater system, prioritize areas for I/I studies, and meet the regulatory requirements of the Metropolitan Water Reclamation District of Greater Chicago (MWRD) Inflow and Infiltration Control Plan (IICP). RJN Group was selected to help develop a multi-faceted action plan to assess the condition of its sanitary sewer system, including lift stations and force mains, prioritize improvement recommendations, and design rehabilitation measures in compliance with the IICP.

PROJECT FEATURES

- Flow monitoring and condition assessments—manhole inspections, smoke testing, dye testing, and building inspections—identified 747,112 GPD of public sector I/I and 377,936 GPD from private sources.
- An annual CCTV program was developed to support the annual pipeline rehabilitation program, including contractor selection, CCTV quality control, and recommendations for point repairs, spot liners, mainline grouting, service connection T-liners and grouting, and mainline CIPP.
- Design and construction oversight was provided to rehabilitate 292 manholes, 7,189 LF of CIPP, T-lining, grouting, and point repairs.
- A screening level assessment of 1,952 LF of a 20-inch force main using non-destructive, in-pipe Pipers® technology recommended a pigging program and five-year re-inspections to monitor H₂S, gas pockets, deposits, and wall roughness.
- Lift stations were assessed, reviewing the condition of dry and wet wells, pump performance and capacity, and electrical, mechanical, and backup power systems.

CONTRACT VALUE

\$1,983,323

DATES

2016 - Ongoing

SERVICES PROVIDED

- Flow monitoring (42 meters)
- Manhole inspection (1,522)
- Smoke testing (283,554 LF)
- Dye testing (11 setups)
- CCTV review (628,456 LF)
- Private property inspections (1,303)
- Force main assessment (1,972 LF)
- Lift station assessment/design (2)
- Capacity and I/I analysis
- Design and construction inspection
- Compliance reporting



Pigging process for force main cleaning

Multi-Year SSER, MWRD IICP Compliance, and Rehab Program

Brent McQueen, PE, CFM | (847) 923-6628 | bmcqueen@schaumburg.com



The Village of Schaumburg in compliance with the Metropolitan Water Reclamation District of Greater Chicago's (MWRD) Infiltration/Inflow Control Program (IICP) initiated a multi-year sewer study and rehabilitation program. RJN Group, working with the Village, developed a program to inspect, assess, and rehabilitate areas using a phased program. The study is conducted with design and construction completed the following year; flow monitoring provides data to calibrate the hydraulic model to evaluate I/I levels and the effectiveness of rehabilitation measures.

- Basins were prioritized to address the critical areas of concern. RJN assisted the Village with purchasing flow meters and developing an annual flow monitoring program. Using flow data and hydraulic analysis, sewer basins were prioritized based on I/I levels and critical areas of concern.
- Annual condition inspection programs were conducted to locate I/I sources and develop prioritized recommendations for I/I mitigation.
- A comprehensive condition assessment of a 50-year-old lift station determined the current pumping configuration was undersized and overwhelmed during one-year storm events. Hydraulic modeling confirmed I/I remediation in the basin would restore capacity by 25%.
- Hydraulic modeling simulations demonstrated additional I/I remediation measures and system improvements were needed to handle basin flow from storms as low as six-month rain events. Alternatives and preliminary design recommendations were developed for 30% flow reduction, localized pipe upsizing, storage, and flow diversion.
- Designed and performed construction oversight of \$4.25M in sewer rehabilitation.

\$2,173,557

2015 - Ongoing

- Flow monitoring (63 sites/10 rain gauges)
- Hydraulic modeling (129,000 LF 4- to 24-inch diameter pipe/459 junctions)
- Manhole Inspections (1,364)
- Smoke testing (355,237 LF)
- Dye testing (60 setups)
- CCTV review (418,965 LF)
- Lift station assessments (2)
- Force main assessment (2,750 LF)
- I/I analysis and remediation recommendations
- Design
 - 43,039 LF of CIPP lining
 - 780 grouted laterals
 - 15 mainline joints grouted
 - 103 T-liners
 - 39 point repairs
- Construction observation
- Compliance and reporting

Multi-Year SSES, MWRD IICP Compliance, and Rehab Program

CITY OF PALOS HEIGHTS, ILLINOIS

Adam Jasinski | (708) 361-1806 | ajasinski@palosheights.org



BACKGROUND

The City of Palos Heights maintains a total of 61.2 miles of the sanitary sewer collection system and nine lift stations. The City transfers the sewer flow over to the Metropolitan Water Reclamation District of Greater Chicago (MWRD) for treatment. To meet the regulatory requirements of the MWRD Inflow and Infiltration Control Plan (IICP), RJN Group was selected to manage the program, which assesses the condition of its sanitary sewer system which prioritizes system improvement, develops I/I mitigation recommendations, and designs rehabilitation measures in compliance with the IICP.

PROJECT FEATURES

- Citywide basins were prioritized to address the critical areas of concern. RJN assisted the City with the development of an annual flow monitoring program. Using flow data and hydraulic analysis, sewer basins were prioritized based on I/I levels and critical areas of concern.
- Annual condition inspection programs were conducted to locate I/I sources and develop prioritized recommendations for I/I mitigation.
- Designed and performed construction oversight of \$2.2M in sewer rehabilitation and repair.

CONTRACT VALUE

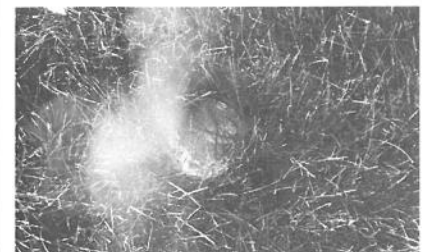
\$785,609

DATES

2016 - Ongoing

SERVICES PROVIDED

- Flow monitoring (14 sites/2 rain gauges)
- Manhole Inspections (393)
- Smoke testing (45,678 LF)
- Dye testing (4 setups)
- CCTV review (131,491 LF)
- I/I analysis and remediation recommendations
- Design
 - 21,995 LF of CIPP lining
 - 35 T-liners
 - 5 point repairs
 - 368 lateral grouting
 - 264 manholes rehabbed
- Construction observation
- Compliance and reporting



Smoke testing positive at lateral cleanout

OTHER RELEVANT PROJECT EXPERIENCE

MULTI-YEAR SSES AND MWRD COMPLIANCE PROGRAM, DES PLAINES, ILLINOIS

Reference

Rob Greenfield
Superintendent of Utilities
City of Des Plaines
(847) 391-6121
rgreenfield@desplaines.org

Comprehensive sanitary sewer study conducted in compliance with MWRD Inflow/Infiltration Control Program (IICP) requirements. The rehabilitation program review integrated existing operations and maintenance data outlining inspection planning, rehabilitation recommendations, and prioritization. Services included smoke testing (134,606 LF), manhole inspections (389), overflow site (11) evaluations, NPDES/MS4 and CSO program review and audit, and overflow analysis. Engineering tasks included public outreach, data collection and management, GPS mapping, SSES data analysis and MWRD reporting, and compliance.

SANITARY SEWER EVALUATION, REHABILITATION, AND MWRD COMPLIANCE PROGRAMS, ROLLING MEADOWS, ILLINOIS

Reference

Mark Kilarski
Superintendent of Utilities
City of Rolling Meadows
(847) 394-8500
kilarskim@cityofrm.org

Comprehensive sanitary sewer study conducted in compliance with MWRD Inflow/Infiltration Control Program (IICP) requirements. The master plan review and update integrated existing operations and maintenance data outlining inspection watch lists, rehabilitation recommendations (lining and T-lining rehabilitations) with phased costs, lift station and force mains, and prioritization of the sewer lining, lateral lining, and manhole rehabilitation programs. Condition inspections included smoke testing (60,339 LF), manhole inspections (250), dye testing (14 setups), a lift station assessment, CCTV review (20,700 LF), and assistance with MWRD IICP submittal. The lift station assessment involved the review of daily lift station operations and O&M histories, draw-down testing to evaluate pump operations, structure corrosion assessments, and hydraulic analysis.

CMOM, SANITARY SEWER EVALUATIONS, AND MWRD COMPLIANCE, HANOVER PARK, ILLINOIS

Reference

T.J. Moore
Director of Public Works
Village of Hanover Park
(630) 823-5700
tjmoore@hpil.org

Development of a CMOM plan involving review of existing GIS maps, flow monitoring data, and prior study data; performing a desktop capacity analysis; summarizing structure deficiencies based on existing condition data; and preparing a system evaluation plan to address capacity issues, future studies to collect flow and condition data, MWRD IICP compliance, and overflow response and third party notification planning and reporting. Condition field investigations collected data needed to develop rehabilitation measures. Services included manhole inspections (950), smoke testing (192,257 LF), CCTV review (22,000 LF), and engineering analysis to develop recommendations for rehabilitation, assistance with the annual IICP reporting and five-year IICP program planning including recommendations for a flow monitoring program.

MWRD SATELLITE AGENCIES & COMMUNITIES RJN ASSISTED

For almost 50 years, RJN has worked closely with municipalities of varying sizes in Illinois and throughout the country. RJN is a licensed and experienced engineering firm that understands MWRD satellite community needs.

Client	IICP Program Planning	IICP Reporting	Condition Assessments
Aqua Illinois, Inc.	■	■	■
Arlington Heights	■	■	
Bartlett	■	■	
Bedford Park	■	■	■
Bellwood			■
Broadview			■
Buffalo Grove	■	■	■
Burr Ridge	■	■	■
Country Club Hills		■	■
Des Plaines	■	■	■
Evergreen Park		■	■
Garden Home Sanitary District	■	■	■
Glencoe	■	■	■
Hanover Park	■	■	■
Illinois American Water Company	■	■	■
Markham		■	
Mount Prospect			■
Norridge			■
Northfield	■	■	■
Oak Meadow Sanitary District	■	■	■
Orland Park	■	■	■
Palos Heights	■	■	■
Park Ridge		■	
Plum Grove Estates Sanitary District			■
Plum Grove Woodlands Sanitary Dist.*	■	■	■
Prospect Heights	■	■	■
Richton Park			■
River Grove			■
Rolling Meadows	■	■	■
Schaumburg	■	■	■
Streamwood	■	■	■
South Barrington			■
South Stickney Sanitary District	■	■	■
Western Springs			■
Wheeling	■	■	■
Wilmette	■	■	■
Winnetka	■	■	■

*Reports to Plum Grove Estates Sanitary District

SECTION 5
PROJECT TEAM



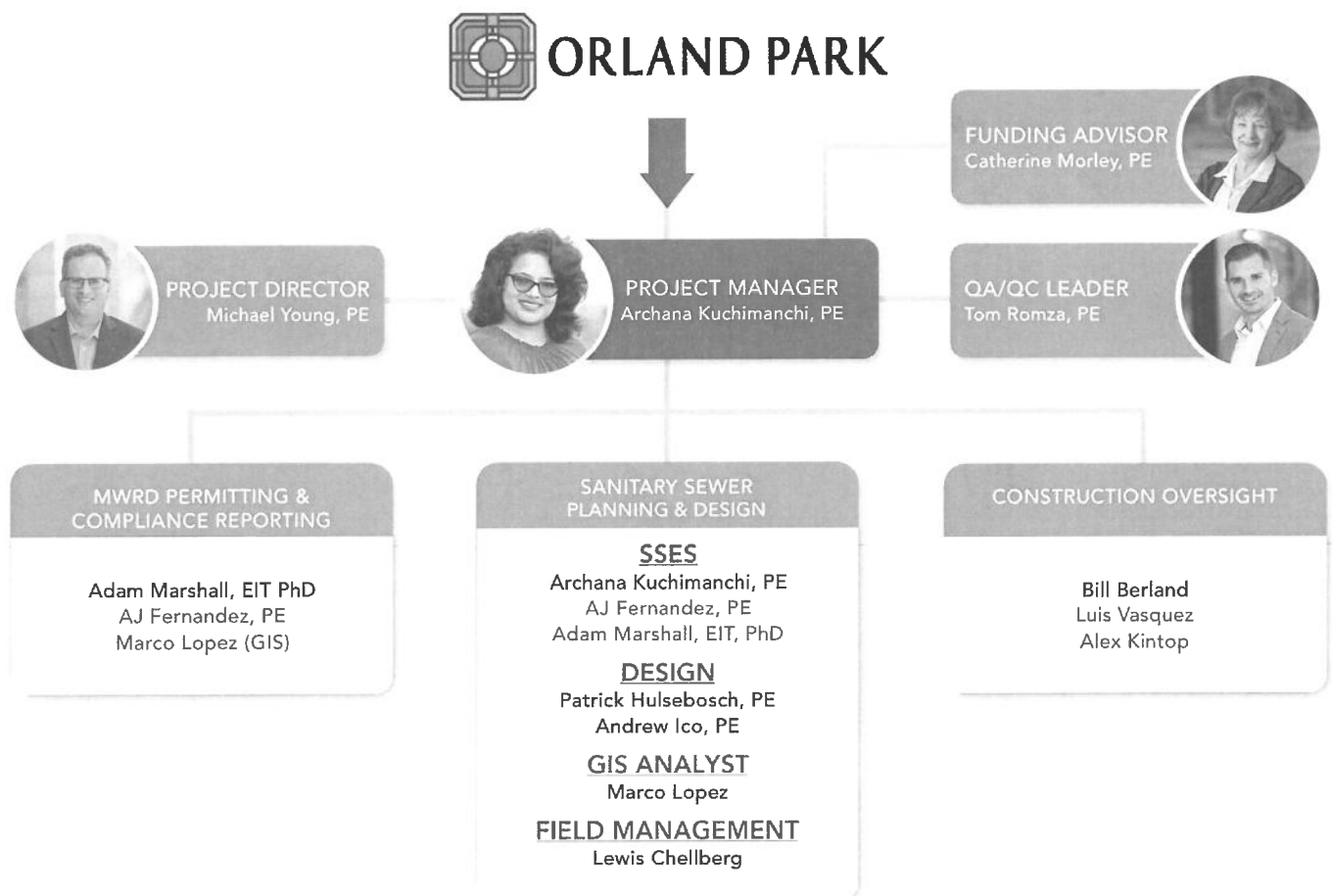


PROJECT TEAM

RJN's engineering collaborations with the Village of Orland Park date back to 2016. RJN was retained to provide guidance for development of the sanitary sewer evaluation and requirements outlined in the Metropolitan Water Reclamation District of Greater Chicago's (MWRD) Watershed Management Ordinance (WMO). Since then, our team has broadened services to include flow monitoring, lift station and force main investigation, I/I mitigation, CCTV review, and sewer rehabilitation programs.

In 2019, the MWRD approved the Village's Long-Term Operations and Maintenance Plan due to the collaborative efforts of our team and the Village's engineering department. This partnership has continued to strengthen over time, as our team has served as an extension of the Village's resources, helping it to achieve its infrastructure assessment and improvement goals.

ORGANIZATIONAL CHART



Archana Kuchimanchi, PE

Project Manager

Ms. Kuchimanchi brings leadership experience in capital planning and project execution for wastewater treatment plants, lift stations, and sanitary sewers along with MWRD permitting and compliance. She has a record of solving problems and delivering solid results for clients stretching back over a decade. Archana will leverage her experience in the realm of civil wastewater engineering to drive the delivery of cost-effective, custom-tailored solutions.

RELATED PROJECT EXPERIENCE

SSes, Rehabilitation, and MWRD Program Development and Reporting, Orland Park, Illinois—Project Manager. Program management for an annual CCTV program, condition inspections, engineering analysis for I/I mitigation in compliance with MWRD IICP, rehabilitation design, and annual regulatory reporting. Services included flow monitoring (42 sites), manhole inspections (1,522), smoke testing (283,554 LF), dye testing (11 setups), CCTV review (628,456 LF), building inspections (1,303), lift station (2) and force main assessment (1,972 LF), and rehabilitation design. Recommendations based on CCTV review were created for high priority sanitary sewer improvements.

Fairway Lift Station Improvements, Orland Park, Illinois—Project Manager. Design upgrades for the Fairway Lift Station, constructed in 1970. Design services included hydraulic analysis for the wet-well and pump sizing, rehabilitation of lift station structures and electrical components, valve vault improvements, pump retrofits vs. upsizing alternative comparison with estimated costs, grading and drainage improvements, permitting, geotechnical investigations, and bidding assistance.

Multi-Year General Sewer Services, Oak Meadow Sanitary District, Des Plaines, Illinois—Project Manager. Engineering consultant services, including assistance with preparing the MWRD Annual Summary Report and the high priority deficiencies for work completed in the prior year. Services included regulatory document preparation and on-call field, engineering, and GIS services. Field services included investigations for sewer backups, sinkholes, and overflows and engineering analysis, including reviewing ordinances, CCTV video, and plan reviews as needed.

MWRD IICP Sewer Mainline Rehabilitation Design and RE, Palos Heights, Illinois—Project Manager. Design, bidding, and construction oversight for the MWRD IICP Plan annual sewer rehabilitation. Services included CCTV review (5,700 LF), CIPP rehabilitation design (5,700 LF), lateral grouting (92), T-liners (5), and points repairs (3). Services also included construction planning and bid document preparation, bidding assistance, construction oversight, and contract management.

MWRD IICP Program Assistance and Manhole Rehabilitation, Northfield, Illinois —Project Manager. Assistance with annual MWRD IICP reporting to meet the Short-Term Requirements including preparation and submittal of the Annual Summary Report, High Priority Deficiency Form, a summary rehabilitation plan, and GIS maps for prioritizations and completed activities. Bid documents, maps, and schedules were developed for recommended manhole rehabilitation (63), and bidding assistance was provided.



EDUCATION

MS—Environmental Engineering
(Illinois Institute of Technology,
2006)

BS—Civil Engineering (Veermata
Jijabai Technological Institute,
India, 2004)

EXPERIENCE

18 years

REGISTRATIONS

PE—Illinois #062069026

CERTIFICATIONS

OSHA 10-Hour Safety
Certification #27-006032205

NASSCO PACP/LACP/MACP
#U-0120-70308382

Confined Space Entry and
Rescue

SOFTWARE

BioWin - Level 1

MEMBERSHIPS

Central States Water
Environment Association

Illinois Water Environment
Association

Michael Young, PE

Project Director

Mr. Young oversees all Chicago Metro-area projects and has been actively involved with the Village of Orland Park for a decade, offering a strong knowledge of the Village sewer infrastructure and program drivers. He will continue to provide technical leadership and performance insights for the design and construction of lift stations, force mains, sanitary sewers, MWRD compliance, reviews, manhole rehabilitation, I/I analysis and capacity studies.

RELATED PROJECT EXPERIENCE

SSES, Rehabilitation, and MWRD Program Development and Reporting, Orland Park, Illinois—Project Director. Program management for an annual CCTV program, condition inspections, engineering analysis for I/I mitigation in compliance with MWRD IICP, rehabilitation design, and annual regulatory reporting. Services included flow monitoring (42 sites), manhole inspections (1,522), smoke testing (283,554 LF), dye testing (11 setups), CCTV review (628,456 LF), building inspections (1,303), lift station (2) and force main assessment (1,972 LF), and rehabilitation design. Recommendations based on CCTV review were created for high priority sanitary sewer improvements.

Multi-Year SSES and Rehabilitation Program, Schaumburg, Illinois—Project Director. Sewer evaluation and condition assessment program in compliance with the MWRD IICP. Services included flow monitoring (45 sites/3 rain gauges), manhole inspections (1,353), smoke testing (309,188 LF), dye testing (37 setups), CCTV review (381,465 LF), hydraulic modeling (129,000 LF), lift station assessment (2), I/I analysis and remediation recommendations, and annual MWRD IICP submittals. Rehabilitation designs were completed for major point repairs (39), CIPP lining (43,039 LF), T-liners (103), mainline joint grouting (15), and lateral grouting (780).

Multi-Year SSES and Rehabilitation Program, Joliet, Illinois—Project Director. Multi-year sanitary sewer evaluation and rehab program. Services included permanent flow meter data collection and analysis, temporary metering (106 meters), CSO monitoring at 9 sites, structure inspections (4,748), wet-weather investigations, smoke testing (957,366 LF), dye testing (73 setups), NASSCO CCTV review (957,366 LF), hydraulic modeling (596,195 LF), building inspections (808). Rehabilitation designs included point repairs (65), CIPP (56,000 LF), lateral grouting (1,000 LF), lateral lining (800 T-liners), and manhole/inlet rehab (420).

Multi-Year SSES Program, Wheeling, Illinois—Project Director. Multi-year inflow and infiltration study and system condition assessment to meet requirements of the MWRD IICP. Services included flow monitoring (20 meters/3 rain gauges), manhole inspections (1,170), smoke testing (596,195 LF), dye testing (31 setups), NASSCO CCTV review (596,000 LF), lift station assessments (17), I/I analysis and remediation recommendations, MWRD annual reporting. Design and construction phase services were also provided.

MWRD IICP Sewer Mainline Rehabilitation Design and RE, Palos Heights, Illinois—Project Director. Design, bidding, and construction oversight for the MWRD IICP Plan annual sewer rehabilitation. Services included CCTV review (5,700 LF), CIPP rehabilitation design (5,700 LF), lateral grouting (92), T-liners (5), and points repairs (3). Services also included construction planning and bid document preparation, bidding assistance, construction oversight, and contract management.



EDUCATION

MS—Environmental Engineering
(University of Illinois at Urbana/
Champaign, 1995)

BS—Civil Engineering
(University of Illinois at Urbana/
Champaign, 1994)

EXPERIENCE

29 years

REGISTRATIONS

PE—Illinois #062-052840

CERTIFICATIONS

OSHA 10-Hour Safety
Certification #30-003162136

4-Hour Work Zone Traffic
Control

TECHNICAL

PRESENTATIONS

"Large Diameter Pipe Inspection
and Rehabilitation," 2022 -
Illinois Section American Water
Works Association

"Stopping Basement Backups
with a New Soccer Field - 5
Years Later," 2021 - CSWEA
Joint Collections Systems
Virtual Seminar

"In-House Remediation of
I&I," 2019 - Watertown Classic
Collection System Seminar

MEMBERSHIPS

American Public Works
Association, Chicago Metro -
Suburban Branch

American Council of
Engineering Companies, Illinois

American Water Works
Association, Illinois Section

Tom Romza, PE

QA/QC Leader

Mr. Romza has expertise with comprehensive engineering analysis of flow and condition data and developing engineering reports for RDII analysis and sewer system evaluation and assessment programs. Tom has also been responsible for leading crews and conducting GPS surveys, flow monitoring, smoke testing, dye testing, and manhole inspections.

RELATED PROJECT EXPERIENCE

SSSES, Rehabilitation, and MWRD Program Development and Reporting, Orland Park, Illinois—QA/QC Leader. Program management for an annual CCTV program, condition inspections, engineering analysis for I/I mitigation in compliance with MWRD IICP, rehabilitation design, and annual regulatory reporting. Services included flow monitoring (42 sites), manhole inspections (1,522), smoke testing (283,554 LF), dye testing (11 setups), CCTV review (628,456 LF), building inspections (1,303), lift station (2) and force main assessment (1,972 LF), and rehabilitation design. Recommendations based on CCTV review were created for high priority sanitary sewer improvements.

Multi-Year SSSES and Rehabilitation Program, Schaumburg, Illinois—Project Manager. Sewer evaluation and condition assessment program in compliance with the MWRD IICP. Services included flow monitoring (45 sites/3 rain gauges), manhole inspections (1,353), smoke testing (309,188 LF), dye testing (37 setups), CCTV review (381,465 LF), hydraulic modeling (129,000 LF), lift station assessment (2), I/I analysis and remediation recommendations, and annual MWRD IICP submittals. Rehabilitation designs were completed for major point repairs (39), CIPP lining (43,039 LF), T-liners (103), mainline joint grouting (15), and lateral grouting (780).

Multi-Year Sanitary Sewer Rehabilitation Design and Construction, Wood Dale, Illinois—Project Manager. Assessment, design, and construction phase services, to evaluate a new force main alignment. Services including CCTV review (4,200 LF), mainline and lateral grouting and CIPP, point repair design, and bidding assistance. Construction observation services for the installation of 4,000 LF of CIPP, point repairs (8), and CIPP lateral liners (45) included pre-construction assistance, public outreach monitoring, on-site construction observation, daily documentation, contractor erosion control and traffic control reviews, punch lists, pre and post-construction CCTV review, and as-built drawing preparation.

Sanitary Sewer Evaluation Study, Roselle, Illinois—Project Manager. SSSES program to identify sources of I/I and provide solutions for mitigation. Services included smoke testing (36,1040 LF), dye testing (5 setups), manhole inspections (190), smoke testing (36,104 LF), and engineering analysis to provide recommendations for prioritized rehabilitation.

Basin 3 and 4 Evaluation and Rehabilitation Program, Wheaton, Illinois—Senior Project Engineer. Multi-year program to provide measurable evidence that prior studies and rehabilitation measures have effectively reduced overflows, and to develop recommendations for additional cost-effective recommendations. Project tasks included the compilation of existing study and rehabilitation data, long- and short-term flow monitoring (12 meters), manhole inspections, smoke testing (12,000 LF), building inspections (600), lateral sewer CCTV review, and SewerGEMS hydraulic modeling (112,000 LF).



EDUCATION

BS—Civil Engineering and Physics (Marquette University, 2011)

EXPERIENCE

13 years

REGISTRATIONS

PE—Illinois #062-068124

CERTIFICATIONS

OSHA 10-Hour Safety Certification #30-003972654

4-Hour Work Zone Traffic Control

Confined Space Entry and Rescue

SOFTWARE

ArcMap

AutoCAD

PCSWMM

MEMBERSHIPS

American Public Works Association

Central States Water Environment Association

Illinois Association of Wastewater Agencies

American Water Works Association, Illinois Section

Water Environment Federation

Catherine Morley, PE

Senior Project Engineer / Funding Specialist

Mrs. Morley specializes in sanitary sewer system analysis and design, studies, construction management, pipe replacement and extensions, pavement reconstruction, and design of sanitary treatment plant facilities. Catherine is a recognized subject matter expert in emerging trenchless technologies and has served as a board member for the Midwest Society of Trenchless Technology and as the head of the education committee for the North American Society of Trenchless Technology.

RELATED PROJECT EXPERIENCE

Fairway Lift Station Improvements, Orland Park, Illinois—Senior Project Engineer. Design upgrades for the Fairway Lift Station constructed in 1970. Design services included hydraulic analysis for the wet-well and pump sizing, rehabilitation of lift station structures and electrical components, valve vault improvements, pump retrofits vs. upsizing alternative comparison with estimated costs, grading and drainage improvements, permitting, geotechnical investigations, and bidding assistance.

Klefsstad Lift Station and Force Main Design and Construction, Wood Dale, Illinois—Senior Project Engineer. Design services to rehabilitate lift station features and 2,650 LF of 10-inch ductile iron force main using CIPP. Services included preparation of plans, specifications, and contract documents to replace the lift station's wet well and valve vault access hatches, netting, piping, and the 4-inch quick connect bypass valve and plug valves, permitting, and bidding assistance. Part-time construction observation services were performed including reviewing shop drawings, pre-construction video recordings, construction phasing, and traffic control measures; GIS updates; and preparing contract plans and IEPA permits.

IEPA Loan Assistance, Sewer Rehabilitation, Rolling Meadows, Illinois—Funding Specialist/Project Manager. Assisted with application to obtain funding from the Water Pollution Control Revolving Loan Program administered by the IEPA. Services included developing a facility plan and other documentation needed to submit the application.

Multi-Year IEPA Sewer Rehabilitation, Year 5, Joliet, Illinois—Funding Specialist/Senior Project Engineer. Multi-year sewer rehabilitation design for the City's IEPA loan program. Services included CIPP rehabilitation (56,000 LF), manhole rehabilitation repairs (500), T-Liners (800), mainline and lateral grouting (800), and storm inlet disconnection.

Southwest Wet-Weather Control Facility Design and IEPA Loan, Elmhurst, Illinois—Funding Specialist/Senior Project Engineer. Study and IEPA-funded design services for a wet-weather relief system for the pump station. Developed the preliminary design report including an evaluation and design for gravity sewer improvements, and modeling to develop force main dry- and wet-weather capacities. Design included 18-inch wet-weather force main (5,600 LF), 10-inch dry-weather force main (2,800 LF), 24-inch sanitary sewer (2,300 LF), major modifications to the pump station and replacement of all controls, a 2M gallon wet-weather storage facility at the WWTP, and watermain (385 LF) to extend service to the storage tank and metering in a Hot Box enclosure.



EDUCATION

Postgraduate Diploma—
Environmental Engineering
(Asian Institute of Technology,
Bangkok, Thailand, 1975)

BS—Civil Engineering (Imperial
College of Science, Technology
and Medicine, London, England,
1973)

EXPERIENCE
39 years

REGISTRATIONS
PE—Illinois #062044743

CERTIFICATIONS
NASSCO PACP/LACP/MACP
#U-310-10261

OSHA 10-Hour Safety
Certification #30-003162137

4-Hour Work Zone Traffic Control

TECHNICAL
PRESENTATIONS
"PVC Large Diameter Pipe:
The Right Material for Sanitary
Sewer Interceptors," 2024 - PVC
Pipe Association's 50th Annual
Meeting

"The Fundamentals of CMOM &
CMMS," 2023 - Illinois Section
AWWA

"A Tale of Two Bypasses - Large
Diameter Lining Challenges in
Rural and Urban Areas," 2022 -
NASTT No-Dig Show

MEMBERSHIPS
Midwest Society for Trenchless
Technology

North American Society for
Trenchless Technology

American Public Works
Association

American Water Works Assn.

Patrick Hulsebosch, PE

Project Engineer (Design)

Mr. Hulsebosch brings eight years of experience with municipal storm and sewer evaluation and design programs. As a project engineer, he has been responsible for conducting field surveys and conditions inspections, trenchless rehabilitation method research, flow analysis, utility locates, and preparation of plans and specifications for pipelines, lift stations, and manholes.

RELATED PROJECT EXPERIENCE

151st Street Lift Station and Force Main Inspection, Orland Park, Illinois—Project Engineer. A condition assessment of the lift station and force main (1,972 LF of 20-inch ductile iron pipe). Services included inspecting the lift station structure, wet-well, backup systems, pump configuration, and drawdown testing. The force main was assessed while in-service using multi-sensor, in-pipe technology to perform acoustic leak detection; detect air and gas pockets; capture high-resolution pressure readings; locate deposits, debris, and blockages; and conduct a magnetometer survey to identify bulk wall thickness changes in the pipeline. Three air pockets, pressure losses of over 10 times the expected levels, and uniform deposits/roughness throughout the pipe were found. Recommendations included developing a pigging program and cleaning the force main every five years with follow-up reinspections to monitor air pockets, deposits, and wall roughness. Preliminary design options were developed to improve the wet-well, backup systems, and pump configuration.

Multi-Year SSes and Rehabilitation Program, Schaumburg, Illinois—Project Engineer. Sewer evaluation and condition assessment program in compliance with the MWRD IICP. Services included flow monitoring (45 sites/3 rain gauges), manhole inspections (1,353), smoke testing (309,188 LF), dye testing (37 setups), CCTV review (381,465 LF), hydraulic modeling (129,000 LF), lift station assessment (2), I/I analysis and remediation recommendations, and annual MWRD IICP submittals. Rehabilitation designs were completed for major point repairs (39), CIPP lining (43,039 LF), T-liners (103), mainline joint grouting (15), and lateral grouting (780).

Multi-Year SSes and Rehabilitation Program, Joliet, Illinois—Project Engineer. Multi-year sanitary sewer evaluation and rehab program. Services included permanent flow meter data collection and analysis, temporary metering (106 meters), CSO monitoring at 9 sites, structure inspections (4,748), wet-weather investigations, smoke testing (957,366 LF), dye testing (73 setups), NASSCO CCTV review (957,366 LF), hydraulic modeling (596,195 LF), building inspections (808). Designs included point repairs (65), CIPP (56,000 LF), lateral grouting (1,000 LF), lateral lining (800 T-liners), and manhole/inlet rehab (420).

Klefsstad Lift Station and Force Main Design and Construction, Wood Dale, Illinois—Project Engineer. Design services to rehabilitate lift station features and 2,650 LF of 10-inch ductile iron force main using CIPP. Services included preparation of plans, specifications, and contract documents to replace the lift station's wet well and valve vault access hatches, netting, piping, and the 4-inch quick connect bypass valve and plug valves, permitting, and bidding assistance. Part-time construction observation services were performed including reviewing shop drawings, pre-construction video recordings, construction phasing, and traffic control measures; GIS updates; and IEPA permitting.



EDUCATION

MS—Civil and Materials Engineering (University of Illinois at Chicago, 2019)

BS—Agricultural and Biological Engineering (University of Illinois at Urbana-Champaign, 2016)

EXPERIENCE

8 years

REGISTRATIONS

PE—Illinois #062074848

CERTIFICATIONS

OSHA 10-Hour Safety Certification #26-702039587

NASSCO PACP/LACP/MACP #U-0120-70308380

4-Hour Work Zone Traffic Control

Confined Space Entry

First Aid, CPR, and AED

SOFTWARE

AutoCAD & Civil 3D

ESRI ArcGIS

HEC-RAS

MicroStation

SWMM

TECHNICAL PRESENTATIONS

"Simplifying Force Main Inspection with a New Inline Tool," 2023 - North American Society for Trenchless Technologies No-Dig Show

"Internal and External Force Main Condition Assessment," 2021 - Illinois Section AWWA Webinar

Andrew Ico, PE

Project Engineer (Design)

Mr. Ico has experience with sanitary sewer assessments and finding cost-effective inflow and infiltration remediation solutions. Andrew has augmented his design skills (trenchless rehabilitation methods, bypass planning, lift station improvements, and utility conflict resolution) by working side-by-side with seasoned engineers, which provides him with expert knowledge beyond his years.

RELATED PROJECT EXPERIENCE

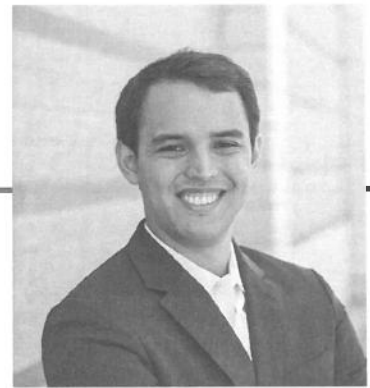
SSES, Rehabilitation, and MWRD Program Development and Reporting, Orland Park, Illinois—Project Engineer. Program management for an annual CCTV program, condition inspections, engineering analysis for I/I mitigation in compliance with MWRD IICP, rehabilitation design, and annual regulatory reporting. Services included flow monitoring (42 sites), manhole inspections (1,522), smoke testing (283,554 LF), dye testing (11 setups), CCTV review (628,456 LF), building inspections (1,303), lift station (2) and force main assessment (1,972 LF), and rehabilitation design. Recommendations based on CCTV review were created for high priority sanitary sewer improvements.

Multi-Year SSES and Rehabilitation Program, Schaumburg, Illinois—Project Engineer. Sewer evaluation and condition assessment program in compliance with the MWRD IICP. Services included flow monitoring (45 sites/3 rain gauges), manhole inspections (1,353), smoke testing (309,188 LF), dye testing (37 setups), CCTV review (381,465 LF), hydraulic modeling (129,000 LF), lift station assessment (2), I/I analysis and remediation recommendations, and annual MWRD IICP submittals. Rehabilitation designs were completed for major point repairs (39), CIPP lining (43,039 LF), T-liners (103), mainline joint grouting (15), and lateral grouting (780).

Multi-Year SSES and Rehabilitation Program, Wood Dale, Illinois—Project Engineer. Sewer assessment, rehabilitation design, and construction phase services were provided, including manhole inspections (232), smoke testing (52,500 LF), dye testing (6 setups), NASSCO CCTV review (52,500 LF), and the development of rehabilitation recommendations. Design and construction phase services were also provided for 12,000 LF of 8-inch pipe improvements using trenchless and open-cut construction, and point repairs (7). The GIS was updated to reflect inspection findings and system improvements.

Basins 3 and 4 Sanitary Sewer Main Discharge Replacement, Wheaton, Illinois—Project Engineer. Preliminary and final design and construction observation services to replace a sanitary sewer main discharge with new 30- to 36-inch reinforced concrete pipe (RCP). Services included project management, preliminary and final design (2,000 LF), permitting, bid assistance, and construction observation.

Bluff Street Sewer Rehabilitation Design, Joliet, Illinois—Project Engineer. Design services to rehabilitate 2,410 LF of deteriorated a deteriorating PCCP sewer. A CCTV program identified and prioritized the segment for rehabilitation. Services included an environmental review and design (CDBG funding requirements), including plans and specifications, and OPCC, bypass planning, and bidding assistance.



EDUCATION

BS—Civil Engineering
(University of Iowa, 2018)

EXPERIENCE

6 years

REGISTRATIONS

PE—Illinois #062076904

NCEES—Iowa #18490-76

CERTIFICATIONS

OSHA 10-Hour Safety
Certification #27-006032193

NASSCO PACP/LACP/MACP
#U-0219-070304681

4-Hour Work Zone Traffic
Control

Confined Space Entry

First Aid, CPR, and AED

SOFTWARE

AutoCAD & Civil 3D

ESRI ArcGIS

MicroStation

SWMM

MEMBERSHIPS

American Society of Civil
Engineers

North American Society for
Trenchless Technology

Adam Marshall, EIT, PhD

Project Engineer (Compliance Reporting)

Mr. Marshall holds NASSCO certification, and possesses extensive hydraulic flow diagnostic and pattern recognition skills. He has performed research and analysis for several multi-year sanitary sewer evaluation studies and become a key Metropolitan Water Reclamation District of Greater Chicago (MWRD) liaison for several condition assessment and rehabilitation programs.

RELATED PROJECT EXPERIENCE

SSes, Rehabilitation, and MWRD Program Development and Reporting, Orland Park, Illinois—Project Engineer. Program management for an annual CCTV program, condition inspections, engineering analysis for I/I mitigation in compliance with MWRD IICP, rehabilitation design, and annual regulatory reporting. Services included flow monitoring (42 sites), manhole inspections (1,522), smoke testing (283,554 LF), dye testing (11 setups), CCTV review (628,456 LF), building inspections (1,303), lift station (2) and force main assessment (1,972 LF), and rehabilitation design. Recommendations based on CCTV review were created for high priority sanitary sewer improvements.

MWRD I/I Compliance Submittal, Novotny, South Stickney Sanitary District, Illinois—Project Engineer. Engineering consulting services to assist with compliance with the MWRD IICP program. Services included reviewing and compiling existing data, evaluating short-term program goals, developing a plan for short-term program compliance, and assisting with annual report preparation.

Annual MWRD I/I Compliance Submittal, Des Plaines, Illinois—Project Engineer. Engineering assistance with the preparation of the annual MWRD IICP reports. Services included reviewing basement backup, completed sewer study and rehabilitation documentation, and preparing required MWRD IICP submittals.

Annual MWRD I/I Compliance Submittal, Rolling Meadows, Illinois—Project Engineer. Engineering assistance to prepare annual MWRD IICP reporting. Services included reviewing basement backups, and completed sewer investigations and repairs, preparation of forms and reports, and assistance with submitting the annual reports.

Annual MWRD I/I Compliance Submittal, Hanover Park, Illinois—Project Engineer. Sanitary study completed in compliance with the MWRD IICP Long-Term program and assistance with annual MWRD reporting. Services included manhole inspections (259), smoke testing (52,557 LF), engineering analysis with recommendations, and preparation of annual MWRD report submittals.

MWRD IICP and General Sewer Services, Oak Meadow Sanitary District, Illinois—Project Engineer. Engineering consultant services, including assistance with preparing the MWRD Annual Summary Report and high priority deficiencies based on work completed in the prior year. Services included the design of point repairs (2), GIS updates, construction observation, preparing the MWRD permit application, QA/QC and specifications, and bidding assistance.



EDUCATION

PhD—Social Anthropology
(University of Edinburgh,
Scotland, 2020)

BS—Civil Engineering (Georgia
Institute of Technology, 2006)

EXPERIENCE

2 years

REGISTRATIONS

EIT—Georgia #022857

CERTIFICATIONS

OSHA 10-Hour Safety
Certification #27-006032205

NASSCO PACP/LACP/MACP
#P0044575-102023

MEMBERSHIPS

American Water Works
Association

Marco Lopez

GIS Lead

Mr. Lopez specializes in GIS services to support infrastructure study and improvement programs including mapping and GIS system updates. He has extensive knowledge of geodatabase design and data integration (tables, layers, and features) based in ArcGIS, and diverse diagnostic abilities when troubleshooting GIS integration issues.



RELATED PROJECT EXPERIENCE

SSES, Rehabilitation, and MWRD Program Development and Reporting, Orland Park, Illinois—GIS Technician. Program management for an annual CCTV program, condition inspections, engineering analysis for I/I mitigation in compliance with MWRD IICP, rehabilitation design, and annual regulatory reporting. Services included flow monitoring (42 sites), manhole inspections (1,522), smoke testing (283,554 LF), dye testing (11 setups), CCTV review (628,456 LF), building inspections (1,303), lift station (2) and force main assessment (1,972 LF), and rehabilitation design. Recommendations based on CCTV review were created for high priority sanitary sewer improvements.

Multi-Year SSES and Rehabilitation Program, Schaumburg, Illinois—GIS Technician. Sewer evaluation and condition assessment program in compliance with the MWRD IICP. Services included flow monitoring (45 sites/3 rain gauges), manhole inspections (1,353), smoke testing (309,188 LF), dye testing (37 setups), CCTV review (381,465 LF), hydraulic modeling (129,000 LF), lift station assessment (2), I/I analysis and remediation recommendations, and annual MWRD IICP submittals. Rehabilitation designs were completed for major point repairs (39), CIPP lining (43,039 LF), T-liners (103), mainline joint grouting (15), and lateral grouting (780).

Multi-Year SSES and Rehabilitation Program, Joliet, Illinois—GIS Technician. Multi-year sanitary sewer evaluation and rehabilitation program. Services included permanent flow meter data collection and analysis, temporary metering (106 meters), CSO monitoring at 9 sites, structure inspections (4,748), wet-weather investigations, smoke testing (957,366 LF), dye testing (73 setups), NASSCO CCTV review (957,366 LF), hydraulic modeling (596,195 LF), building inspections (808). Rehabilitation designs included point repairs (65), CIPP (56,000 LF), lateral grouting (1,000 LF), lateral lining (800 T-liners), and manhole/storm inlet rehabilitation (420).

Multi-Year CMOM Program Services, Yorkville-Bristol Sanitary District, Illinois—GIS Manager. Multi-year program to support the District's CMOM program goal of assessing 10% of the system each year. Services included flow monitoring (4 permanent meters/12 temporary meters/3 rain gauges) to evaluate system flow performance to develop a prioritized plan for I/I condition studies; hydraulic model construction and calibration (83,000 LF); GIS updates; manhole inspections (161); smoke testing (27,950 LF), dye testing (2 setups), CCTV review (27,950 LF), and multi-sensor pipe inspection oversight and review (8,450 LF of 24- to 30-inch interceptor) to assess remaining useful life.

EDUCATION

BS—Geographic Information Systems (Northeastern Illinois University, 2020)

EXPERIENCE

4 years

CERTIFICATIONS

First Aid, CPR, and AED

MEMBERSHIPS

Illinois GIS Association

Lewis Chellberg

Field Manager

Mr. Chellberg has conducted and supervised a wide array of field inspection services to support wastewater collection system evaluations. He has managed installation, maintenance, and data collection for flow meters, overflow sensors, rain gauges, manhole inspections, smoke testing, dye testing, multi-sensor in-pipe inspection, and private property inspections..

RELATED PROJECT EXPERIENCE

SSES, Rehabilitation, and MWRD Program Development and Reporting, Orland Park, Illinois—Field Manager. Program management for an annual CCTV program, condition inspections, engineering analysis for I/I mitigation in compliance with MWRD IICP, rehabilitation design, and annual regulatory reporting. Services included flow monitoring (42 sites), manhole inspections (1,522), smoke testing (283,554 LF), dye testing (11 setups), CCTV review (628,456 LF), building inspections (1,303), lift station (2) and force main assessment (1,972 LF), and rehabilitation design. Recommendations based on CCTV review were created for high priority sanitary sewer improvements.

Multi-Year SSES and Rehabilitation Program, Schaumburg, Illinois—Field Manager. Sewer evaluation and condition assessment program in compliance with the MWRD IICP. Services included flow monitoring (45 sites/3 rain gauges), manhole inspections (1,353), smoke testing (309,188 LF), dye testing (37 setups), CCTV review (381,465 LF), hydraulic modeling (129,000 LF), lift station assessment (2), I/I analysis and remediation recommendations, and annual MWRD IICP submittals. Rehabilitation designs were completed for major point repairs (39), CIPP lining (43,039 LF), T-liners (103), mainline joint grouting (15), and lateral grouting (780).

MWRD Compliance, SSES, and Chasemoor Lift Station Rehabilitation, Burr Ridge, Illinois—Field Manager. Sewer condition study and lift station assessment and design. Services included manhole inspections (92), smoke testing (22,000 LF), follow-up dye testing (3 setups), CCTV review (22,000 LF), lift station assessment, and assistance with the preparation of MWRD IICP annual reporting. Rehabilitation design services for the existing wet-well and discharge manhole, demolition of the existing dry-well, replacement of the existing pumps, piping, valves, and electrical equipment, installation of a new valve and quick connect bypass vault, installation of a new sanitary manhole, and surface restoration and other related incidental work.

Multi-Year CMOM Program Services, Yorkville-Bristol Sanitary District, Illinois—Program Manager. Multi-year program to support the District's CMOM program goal of assessing 10% of the system each year. Services included flow monitoring (4 permanent meters/12 temporary meters/3 rain gauges) to evaluate system flow performance to develop a prioritized plan for I/I condition studies; hydraulic model construction and calibration (83,000 LF); GIS updates; manhole inspections (161); smoke testing (27,950 LF), dye testing (2 setups), CCTV review (27,950 LF), and multi-sensor pipe inspection oversight and review (8,450 LF of 24- to 30-inch interceptor) to assess remaining useful life.



EXPERIENCE 10 years

CERTIFICATIONS OSHA 10-Hour Safety Certification #26-702039580

NASSCO PACP/LACP/MACP
#U-615-07000592

4-Hour Work Zone Traffic
Control

Confined Space Entry and
Rescue

First Aid, CPR, and AED

TECHNICAL PRESENTATIONS "The Fundamentals of CMOM & CMMS," 2023 - Illinois Section American Water Works Association

Bill Berland

Construction Manager

Mr. Berland brings invaluable public works experience, having managed capital improvement projects for sanitary, storm, and water assets for an urban municipality. Bill's expertise includes consultant and contractor oversight, permitting, bidding, sanitary pipe cleaning, PACP inspection video review, sanitary T-lining, roadway resurfacing, GIS, and rehabilitation prioritization.

RELATED PROJECT EXPERIENCE

Sewer Rehabilitation Design and Construction, Palos Heights, Illinois—Construction Manager. Sewer rehabilitation design and construction oversight in compliance with the MWRD IICP requirements. Services included design details for cleaning and televising, CIPP rehabilitation, lateral CIPP liners, mainline and lateral grouting, and point repairs, reviewing traffic control plans, bypass pumping plans, and erosion control plans, GIS updates, QC/QA, preparing schedules, contract plans, change orders, contract close-outs, construction cost estimates, and bidding assistance; and providing daily reports and final deliverables.

Crabtree Interceptor Construction Observation, Woodridge, Illinois—Construction Manager. Construction observation services for the installation of a new 12-inch relief sewer and residential lateral and gravity sewer rerouting. Services included organizing and leading the pre-construction meeting, reviewing shop drawings, on-site construction observation, inspection of contractor erosion control and traffic control measures, daily documentation, review of pay requests and change orders, permit coordination (IEPA, DuPage County, and USACE), managing the punch list and close-outs, and preparing final as-builts.

Multi-Year SSES Program/MWRD IICP Reporting, Schaumburg, Illinois—Construction Manager. Multi-year program to assist the Village with meeting short-term and long-term program requirements of the MWRD infiltration/inflow control program (IICP). Services included MWRD IICP annual reporting, smoke testing sanitary sewers (46,049 LF), manhole inspections (185), GPS manhole surveys, dye testing (8 setups), CCTV review (37,500 LF), and providing analysis and recommendations. Data collected was updated to the Village GIS geodatabase.

Klefsstad Lift Station and Force Main Design and Construction, Wood Dale, Illinois—Construction Manager. Design services to rehabilitate lift station features and 2,650 LF of 10-inch ductile iron force main using CIPP. Services included preparation of plans, specifications, and contract documents to replace the lift station's wet well and valve vault access hatches, netting, piping, and the 4-inch quick connect bypass valve and plug valves, permitting, and bidding assistance. Part-time construction observation services were performed including reviewing shop drawings, pre-construction video recordings, construction phasing, and traffic control measures, GIS updates, and preparing contract plans and IEPA permits.



EDUCATION

AS—General Studies
(Kishwaukee College, 2009)

EXPERIENCE

13 years

CERTIFICATIONS

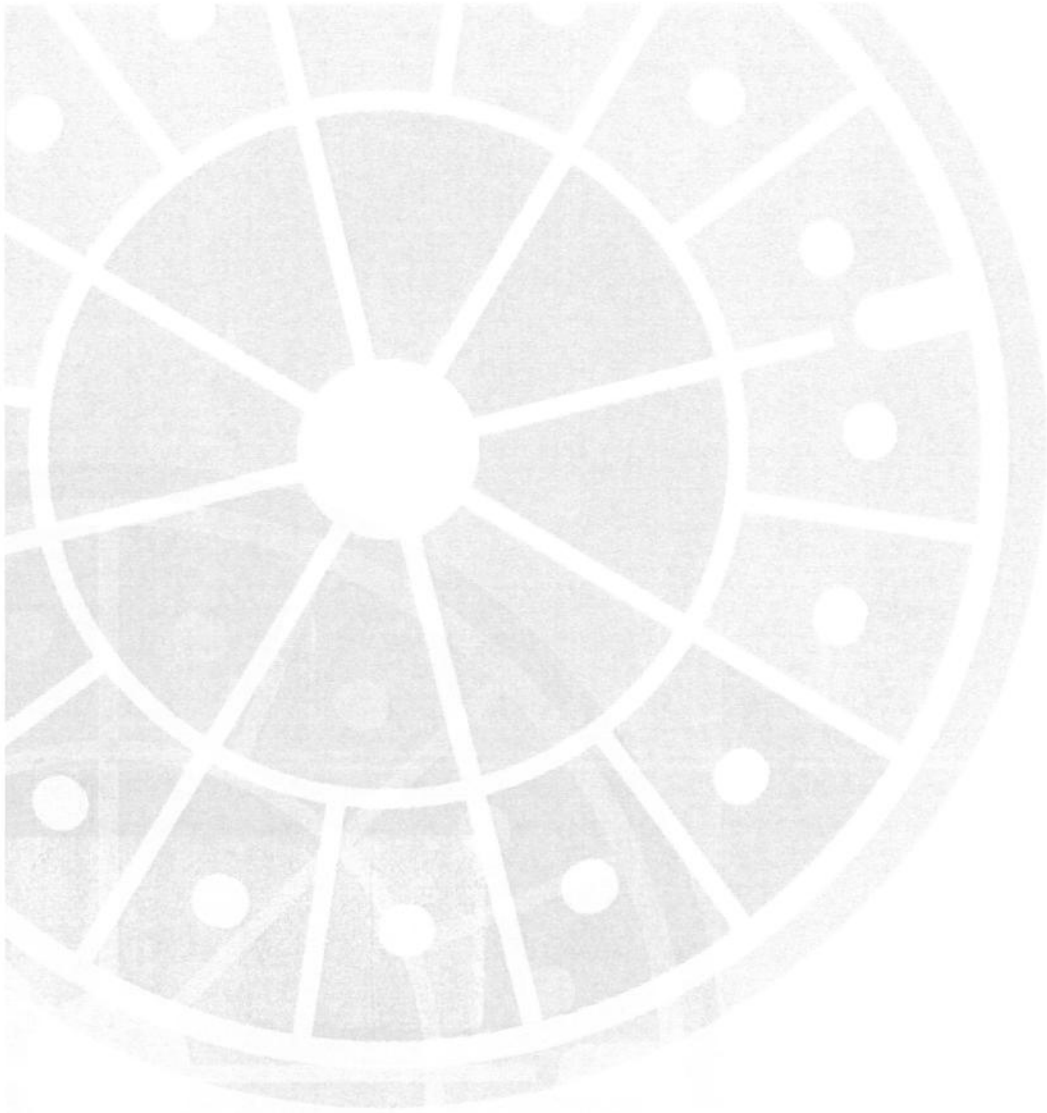
NASSCO ITCR-MR #M0041313-022023

NASSCO PACP/LACP/MACP
#P0040365-122022

4-Hour Work Zone Traffic
Control

Confined Space Entry and
Rescue

First Aid, CPR, and AED



2655 Warrenville Road, Suite 225 | Downers Grove, IL 60515 | (630) 682-4700 | www.rjn.com

 ORLAND PARK
CERTIFICATE OF COMPLIANCE

The undersigned Michael Young, PE, as Senior Vice President
(Enter Name of Person Making Certification) *(Enter Title of Person Making Certification)*

and on behalf of RJN Group, Inc., certifies that:
(Enter Name of Business Organization)

1) BUSINESS ORGANIZATION:

The Proposer is authorized to do business in Illinois: Yes ☒ No ☐

Federal Employer I.D.#: 36-2838939
(or Social Security # if a sole proprietor or individual)

The form of business organization of the Proposer is (*check one*):

☐ Sole Proprietor
☐ Independent Contractor (*Individual*)
☐ Partnership
☐ LLC
☒ Corporation Illinois 09/24/1975
(State of Incorporation) *(Date of Incorporation)*

2) STATUS OF OWNERSHIP

Illinois Public Act 102-0265, approved August 2021, requires the Village of Orland Park to collect "Status of Ownership" information. This information is collected for reporting purposes only. Please check the following that applies to the ownership of your business and include any certifications for the categories checked with the proposal. Business ownership categories are as defined in the Business Enterprise for Minorities, Women, and Persons with Disabilities Act, 30 ILCS 575/0.01 *et seq.*

Minority-Owned ☐ Small Business ☐ *(SBA standards)*
Women-Owned ☐ Prefer not to disclose ☐
Veteran-Owned ☐ Not Applicable ☒
Disabled-Owned ☐

How are you certifying? Certificates Attached ☐ Self-Certifying ☐

STATUS OF OWNERSHIP FOR SUBCONTRACTORS

This information is collected for reporting purposes only. Please check the following that applies to the ownership of subcontractors.

Minority-Owned ☐ Small Business ☐ *(SBA standards)*
Women-Owned ☐ Prefer not to disclose ☐
Veteran-Owned ☐ Not Applicable ☒
Disabled-Owned ☐

3) ELIGIBILITY TO ENTER INTO PUBLIC CONTRACTS: Yes ☒ No ☐

The Proposer is eligible to enter into public contracts, and is not barred from contracting with any unit of state or local government as a result of a violation of either Section 33E-3, or 33E-4 of the Illinois Criminal Code, or of any similar offense of "Bid-rigging" or "Bid-rotating" of any state or of the United States.

4) SEXUAL HARASSMENT POLICY: Yes ☒ No ☐

Please be advised that Public Act 87-1257, effective July 1, 1993, 775 ILCS 5/2-105 (A) has been amended to provide that every party to a public contract must have a written sexual harassment policy in place in full compliance with 775 ILCS 5/2-105 (A) (4) and includes, at a minimum, the following information: (I) the illegality of sexual harassment; (II) the definition of sexual harassment under State law; (III) a description of sexual harassment, utilizing examples; (IV) the vendor's internal complaint process including penalties; (V) the legal recourse, investigative and complaint process available through the Department of Human Rights (the "Department") and the Human Rights Commission (the "Commission"); (VI) directions on how to contact the Department and Commission; and (VII) protection against retaliation as provided by Section 6-101 of the Act. (Illinois Human Rights Act). (emphasis added). Pursuant to 775 ILCS 5/1-103 (M) (2002), a "public contract" includes "...every contract to which the State, any of its political subdivisions or any municipal corporation is a party."

5) EQUAL EMPLOYMENT OPPORTUNITY COMPLIANCE: Yes ☒ No ☐

During the performance of this Project, Proposer agrees to comply with the "Illinois Human Rights Act", 775 ILCS Title 5 and the Rules and Regulations of the Illinois Department of Human Rights published at 44 Illinois Administrative Code Section 750, et seq. The

Proposer shall: (I) not discriminate against any employee or applicant for employment because of race, color, religion, sex, marital status, national origin or ancestry, age, or physical or mental handicap unrelated to ability, or an unfavorable discharge from military service; (II) examine all job classifications to determine if minority persons or women are underutilized and will take appropriate affirmative action to rectify any such underutilization; (III) ensure 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, marital status, national origin or ancestry, age, or physical or mental handicap unrelated to ability, or an unfavorable discharge from military service; (IV) 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 Vendor's obligations under the Illinois Human Rights Act and Department's Rules and Regulations for Public Contract; (V) submit reports as required by the Department's Rules and Regulations for Public Contracts, 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 Department's Rules and Regulations for Public Contracts; (VI) permit access to all relevant books, records, accounts and work sites by personnel of the contracting agency and Department for purposes of investigation to ascertain compliance with the Illinois Human Rights Act and Department's Rules and Regulations for Public Contracts; and (VII) include verbatim or by reference the provisions of this Equal Employment Opportunity Clause in every subcontract it awards under which any portion of this Agreement obligations are undertaken or assumed, so that such provisions will be binding upon such subcontractor. In the same manner as the other provisions of this Agreement, the Proposer 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 Proposer will not utilize any subcontractor declared by the Illinois Human Rights Department to be ineligible for contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations. Subcontract" means any agreement, arrangement or understanding, written or otherwise, between the Proposer and any person under which any portion of the Proposer's obligations under one or more public contracts is performed, undertaken or assumed; the term "subcontract", however, shall not include any agreement, arrangement or understanding in which the parties stand in the relationship of an employer and an employee, or between a Proposer or other organization and its customers. In the event of the Proposer's noncompliance with any provision of this Equal Employment Opportunity Clause, the Illinois Human Right Act, or the Rules and Regulations for Public Contracts of the Department of Human Rights the Proposer may be declared non-responsible and therefore ineligible for future contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations, and this agreement may be canceled or avoided in whole or in part, and such other sanctions or penalties may be imposed or remedies involved as provided by statute or regulation.

6) **TAX CERTIFICATION:** Yes ☒ No ☐

Contractor is current in the payment of any tax administered by the Illinois Department of Revenue, or if it is: (a) it is contesting its liability for the tax or the amount of tax in accordance with procedures established by the appropriate Revenue Act; or (b) it has entered into an agreement with the Department of Revenue for payment of all taxes due and is currently in compliance with that agreement.

7) **AUTHORIZATION & SIGNATURE:**

I certify that I am authorized to execute this Certificate of Compliance on behalf of the Contractor set forth on the Proposal, that I have personal knowledge of all the information set forth herein and that all statements, representations, that the Proposal is genuine and not collusive, and information provided in or with this Certificate are true and accurate. The undersigned, having become familiar with the Project specified, proposes to provide and furnish all of the labor, materials, necessary tools, expendable equipment and all utility and transportation services necessary to perform and complete in a workmanlike manner all of the work required for the Project.

ACKNOWLEDGED AND AGREED TO:



Signature of Authorized Officer

Michael Young, PE

Name of Authorized Officer

Senior Vice President

Title

11/19/2024

Date

REFERENCES

Provide three (3) references for which your organization has performed similar work.

Bidder's Name: RJN Group, Inc.
(Enter Name of Business Organization)

1. ORGANIZATION Village of Schaumburg
ADDRESS 101 Schaumburg Court, Schaumburg, IL 60193
PHONE NUMBER (847) 923-6628
CONTACT PERSON Brent McQueen, PE, CFM, CPESC
YEAR OF PROJECT 2015 - Ongoing

2. ORGANIZATION City of Palos Heights
ADDRESS 7607 West College Drive, Palos Heights, IL 60463
PHONE NUMBER (708) 361-1806
CONTACT PERSON Adam Jasinski
YEAR OF PROJECT 2016 - Ongoing

3. ORGANIZATION City of Des Plaines
ADDRESS 1420 Miner Street, Des Plaines, IL 60016
PHONE NUMBER (847) 391-5390
CONTACT PERSON Timothy Oakley, PE, CFM
YEAR OF PROJECT 2016 - Ongoing



ORLAND PARK

INSURANCE REQUIREMENTS

Please sign and provide a policy Specimen Certificate of Insurance showing current coverages.

If awarded the contract, all Required Policy Endorsements noted in the left column in **red bold type** **MUST** be provided.

Standard Insurance Requirements	Please provide the following coverage if box is checked.
<u>WORKERS' COMPENSATION & EMPLOYER LIABILITY</u> Full Statutory Limits - Employers Liability \$500,000 – Each Accident \$500,000 – Each Employee \$500,000 – Policy Limit Waiver of Subrogation in favor of the Village of Orland Park <u>AUTOMOBILE LIABILITY</u> (ISO Form CA 0001) \$1,000,000 – Combined Single Limit Per Occurrence Bodily Injury & Property Damage. Applicable for All Company Vehicles. <u>GENERAL LIABILITY</u> (Occurrence basis) (ISO Form CG 0001) \$1,000,000 – Combined Single Limit Per Occurrence Bodily Injury & Property Damage \$2,000,000 – General Aggregate Limit \$1,000,000 – Personal & Advertising Injury \$2,000,000 – Products/Completed Operations Aggregate <u>ADDITIONAL INSURED ENDORSEMENTS:</u> <i>(Not applicable for Goods Only Purchases)</i> • ISO CG 20 10 or CG 20 26 (or Equivalent) Commercial General Liability Coverage • CG 20 01 Primary & Non-Contributory (or Equivalent) The Village must be named as the Primary Non-Contributory which makes the Village a priority and collects off the policy prior to any other claimants. • Blanket General Liability Waiver of Subrogation - Village of Orland Park A provision that prohibits an insurer from pursuing a third party to recover damages for covered losses.	<u>LIABILITY UMBRELLA</u> (Follow Form Policy) ☒ \$1,000,000 – Each Occurrence \$1,000,000 – Aggregate ☒ \$2,000,000 – Each Occurrence \$2,000,000 – Aggregate ☐ Other: _____ EXCESS MUST COVER: General Liability, Automobile Liability, Employers' Liability <u>PROFESSIONAL LIABILITY</u> ☒ \$1,000,000 Limit – Claims Made Form, Indicate Retroactive Date ☒ \$2,000,000 Limit – Claims Made Form, Indicate Retroactive Date ☐ Other: _____ Deductible not-to-exceed \$50,000 without prior written approval ☐ <u>BUILDERS RISK</u> Completed Property Full Replacement Cost Limits – Structures under construction ☒ <u>ENVIRONMENTAL IMPAIRMENT/POLLUTION LIABILITY</u> \$1,000,000 Limit for bodily injury, property damage and remediation costs resulting from a pollution incident at, on or mitigating beyond the job site ☒ <u>CYBER LIABILITY</u> \$1,000,000 Limit per Data Breach for liability, notification, response, credit monitoring service costs, and software/property damage ☐ <u>CG 20 37 ADDITIONAL INSURED</u> – Completed Operations (Provide only if box is checked)

Any insurance policies providing the coverages required of the Consultant, excluding Professional Liability, shall be specifically endorsed to identify "The Village of Orland Park, and their respective officers, trustees, directors, officials, employees, volunteers and agents as Additional Insureds on a primary/non-contributory basis with respect to all claims arising out of operations by or on behalf of the named insured." The required additional Insured coverage shall be provided on the Insurance Service Office (ISO) CG 20 10 or CG 20 26 endorsements or an endorsement at least as broad as the above noted endorsements as determined by the Village of Orland Park. Any Village of Orland Park insurance coverage shall be deemed to be on an excess or contingent basis as confirmed by the required (ISO) CG 20 01 Additional Insured Primary & Non- Contributory Endorsement. The policies shall also contain a Waiver of Subrogation in favor of the Additional Insureds in regard to General Liability and Workers' Compensation coverage. The certificate of insurance shall also state this information on its face. Any insurance company providing coverage must hold an A-, VII rating according to Best's Key Rating Guide. Each insurance policy required shall have the Village of Orland Park expressly endorsed onto the policy as a Cancellation Notice Recipient. Should any of the policies be cancelled before the expiration date thereof, notice will be delivered in accordance with the policy provisions. Permitting the contractor, or any subcontractor, to proceed with any work prior to our receipt of the foregoing certificate and endorsements shall not be a waiver of the contractor's obligation to provide all the above insurance.

Consultant agrees that prior to any commencement of work to furnish evidence of Insurance coverage providing for at minimum the coverages, endorsements and limits described above directly to the Village of Orland Park, 14700 S. Ravinia Avenue, Orland Park, IL 60462. Failure to provide this evidence in the time frame specified and prior to beginning of work may result in the termination of the Village's relationship with the contractor.

ACCEPTED & AGREED THIS 19 DAY OF November, 2024



Signature

Michael C. Young, Senior Vice President

Printed Name & Title

Authorized to execute agreements for:

RJN Group, Inc.

Name of Company



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

1/2/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Brown & Brown Insurance Services, Inc. 1200 North Mayfair Road Suite 100 Milwaukee WI 53226		CONTACT NAME: Andres Rodriguez PHONE (A/C No. Ext.): (414) 443-0000 FAX (A/C No.): E-MAIL ADDRESS: MilCertificates@bbbrown.com	
INSURED RJN Group, Inc 2655 Warrenville Rd Suite 225 Downers Grove IL 60515		INSURER(S) AFFORDING COVERAGE INSURER A: The Phoenix Insurance Company INSURER B: The Charter Oak Fire Insurance Company INSURER C: Travelers Property Cas Co of America INSURER D: Houston Casualty Company INSURER E: Allied World Surplus Lines Ins Company INSURER F:	
		NAIC # 25623 25615 25674	

COVERAGES **CERTIFICATE NUMBER:** 24-25 (ST) GL, AU, **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	☒ COMMERCIAL GENERAL LIABILITY			P-630-5Y000855-PHX-24	8/1/2024	8/1/2025	EACH OCCURRENCE	\$ 1,000,000
	☐ CLAIMS-MADE ☒ OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 100,000
							MED EXP (Any one person)	\$ 10,000
							PERSONAL & ADV INJURY	\$ 1,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	\$ 2,000,000
	☒ POLICY ☐ PRO-JECT ☐ LOC						PRODUCTS - COMP/OP AGG	\$ 2,000,000
	OTHER:							\$
B	AUTOMOBILE LIABILITY			810-4Y999425-24-43-G	8/1/2024	8/1/2025	COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000
	☒ ANY AUTO						BODILY INJURY (Per person)	\$
	☐ ALL OWNED AUTOS	☐ SCHEDULED AUTOS					BODILY INJURY (Per accident)	\$
	☐ HIRED AUTOS	☐ NON-OWNED AUTOS					PROPERTY DAMAGE (Per accident)	\$
C	☒ UMBRELLA LIAB ☒ EXCESS LIAB			CUP-5Y007788-24-43	8/1/2024	8/1/2025	EACH OCCURRENCE	\$ 10,000,000
	☐ CLAIMS-MADE						AGGREGATE	\$ 10,000,000
	☐ DED ☒ RETENTION \$ 10,000							\$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY			UB-5Y004055-24-43-G	8/1/2024	8/1/2025	☒ PER STATUTE ☐ OTH-ER	
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	☐ Y/N	N/A				E.L. EACH ACCIDENT	\$ 1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	\$ 1,000,000
							E.L. DISEASE - POLICY LIMIT	\$ 1,000,000
D	Cyber Liability			H24NGP228776-01	8/1/2024	8/1/2025	Claim/Aggregate	\$2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

E - Professional Liability, Policy #0309-1208, Effective Dates 8/1/2024 - 8/1/2025, Per Claim: \$3,000,000, Aggregate: \$3,000,000, Retroactive Date: 08/01/1994

RE: 2025 Program Management

Notice of Cancellation is 30 days.

CERTIFICATE HOLDER

ilisnich@orlandpark.org

Village of Orland Park
15655 Ravinia Avenue
Orland Park, IL 60462

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Michael Sarnier/MOJONE

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c. Method Of Sharing

If all of the other insurance permits contribution by equal shares, we will follow this method also. Under this approach each insurer contributes equal amounts until it has paid its applicable limit of insurance or none of the loss remains, whichever comes first.

If any of the other insurance does not permit contribution by equal shares, we will contribute by limits. Under this method, each insurer's share is based on the ratio of its applicable limit of insurance to the total applicable limits of insurance of all insurers.

d. Primary And Non-Contributory Insurance If Required By Written Contract

If you specifically agree in a written contract or agreement that the insurance afforded to an insured under this Coverage Part must apply on a primary basis, or a primary and non-contributory basis, this insurance is primary to other insurance that is available to such insured which covers such insured as a named insured, and we will not share with that other insurance, provided that:

- (1) The "bodily injury" or "property damage" for which coverage is sought occurs; and
- (2) The "personal and advertising injury" for which coverage is sought is caused by an offense that is committed;

subsequent to the signing of that contract or agreement by you.

5. Premium Audit

- a. We will compute all premiums for this Coverage Part in accordance with our rules and rates.
- b. Premium shown in this Coverage Part as advance premium is a deposit premium only. At the close of each audit period we will compute the earned premium for that period and send notice to the first Named Insured. The due date for audit and retrospective premiums is the date shown as the due date on the bill. If the sum of the advance and audit premiums paid for the policy period is greater than the earned premium, we will return the excess to the first Named Insured.
- c. The first Named Insured must keep records of the information we need for premium computation, and send us copies at such times as we may request.

6. Representations

By accepting this policy, you agree:

- a. The statements in the Declarations are accurate and complete;
- b. Those statements are based upon representations you made to us; and
- c. We have issued this policy in reliance upon your representations.

The unintentional omission of, or unintentional error in, any information provided by you which we relied upon in issuing this policy will not prejudice your rights under this insurance. However, this provision does not affect our right to collect additional premium or to exercise our rights of cancellation or nonrenewal in accordance with applicable insurance laws or regulations.

7. Separation Of Insureds

Except with respect to the Limits of Insurance, and any rights or duties specifically assigned in this Coverage Part to the first Named Insured, this insurance applies:

- a. As if each Named Insured were the only Named Insured; and
- b. Separately to each insured against whom claim is made or "suit" is brought.

8. Transfer Of Rights Of Recovery Against Others To Us

If the insured has rights to recover all or part of any payment we have made under this Coverage Part, those rights are transferred to us. The insured must do nothing after loss to impair them. At our request, the insured will bring "suit" or transfer those rights to us and help us enforce them.

9. When We Do Not Renew

If we decide not to renew this Coverage Part, we will mail or deliver to the first Named Insured shown in the Declarations written notice of the nonrenewal not less than 30 days before the expiration date.

If notice is mailed, proof of mailing will be sufficient proof of notice.

SECTION V – DEFINITIONS

1. "Advertisement" means a notice that is broadcast or published to the general public or specific market segments about your goods, products or services for the purpose of attracting customers or supporters. For the purposes of this definition:
 - a. Notices that are published include material placed on the Internet or on similar electronic means of communication; and
 - b. Regarding websites, only that part of a website that is about your goods, products or services for the purposes of attracting customers or supporters is considered an advertisement.

Do not attach this form to a policy. It is for informational use only.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

XTEND ENDORSEMENT FOR ARCHITECTS, ENGINEERS AND SURVEYORS

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

GENERAL DESCRIPTION OF COVERAGE – This endorsement broadens coverage. However, coverage for any injury, damage or medical expenses described in any of the provisions of this endorsement may be excluded or limited by another endorsement to this Coverage Part, and these coverage broadening provisions do not apply to the extent that coverage is excluded or limited by such an endorsement. The following listing is a general coverage description only. Read all the provisions of this endorsement and the rest of your policy carefully to determine rights, duties, and what is and is not covered.

- | | |
|--|---|
| A. Non-Owned Watercraft – 75 Feet Long Or Less | H. Blanket Additional Insured – Governmental Entities – Permits Or Authorizations Relating To Premises |
| B. Who Is An Insured – Unnamed Subsidiaries | I. Blanket Additional Insured – Governmental Entities – Permits Or Authorizations Relating To Operations |
| C. Who Is An Insured – Retired Partners, Members, Directors And Employees | J. Incidental Medical Malpractice |
| D. Who Is An Insured – Employees And Volunteer Workers – Bodily Injury To Co-Employees, Co-Volunteer Workers And Retired Partners, Members, Directors And Employees | K. Medical Payments – Increased Limit |
| E. Who Is An Insured – Newly Acquired Or Formed Limited Liability Companies | L. Amendment Of Excess Insurance Condition – Professional Liability |
| F. Blanket Additional Insured – Controlling Interest | M. Blanket Waiver Of Subrogation – When Required By Written Contract Or Agreement |
| G. Blanket Additional Insured – Mortgagees, Assignees, Successors Or Receivers | N. Contractual Liability – Railroads |

PROVISIONS

A. NON-OWNED WATERCRAFT – 75 FEET LONG OR LESS

1. The following replaces Paragraph (2) of Exclusion g., **Aircraft, Auto Or Watercraft**, in Paragraph 2. of **SECTION I – COVERAGES – COVERAGE A – BODILY INJURY AND PROPERTY DAMAGE LIABILITY**:
 - (2) A watercraft you do not own that is:
 - (a) 75 feet long or less; and
 - (b) Not being used to carry any person or property for a charge;
2. The following replaces Paragraph 2.e. of **SECTION II – WHO IS AN INSURED**:
 - e. Any person or organization that, with your express or implied consent, either

uses or is responsible for the use of a watercraft that you do not own that is:

- (1) 75 feet long or less; and
- (2) Not being used to carry any person or property for a charge;

B. WHO IS AN INSURED – UNNAMED SUBSIDIARIES

The following is added to **SECTION II – WHO IS AN INSURED**:

Any of your subsidiaries, other than a partnership or joint venture, that is not shown as a Named Insured in the Declarations is a Named Insured if:

- a. You are the sole owner of, or maintain an ownership interest of more than 50% in, such subsidiary on the first day of the policy period; and

COMMERCIAL GENERAL LIABILITY

- b. Such subsidiary is not an insured under similar other insurance.

No such subsidiary is an insured for "bodily injury" or "property damage" that occurred, or "personal and advertising injury" caused by an offense committed:

- a. Before you maintained an ownership interest of more than 50% in such subsidiary; or
- b. After the date, if any, during the policy period that you no longer maintain an ownership interest of more than 50% in such subsidiary.

For purposes of Paragraph 1. of Section II – Who Is An Insured, each such subsidiary will be deemed to be designated in the Declarations as:

- a. A limited liability company;
 - b. An organization other than a partnership, joint venture or limited liability company; or
 - c. A trust;
- as indicated in its name or the documents that govern its structure.

C. WHO IS AN INSURED – RETIRED PARTNERS, MEMBERS, DIRECTORS AND EMPLOYEES

The following is added to Paragraph 2. of **SECTION II – WHO IS AN INSURED**:

Any person who is your retired partner, member, director or "employee" that is performing services for you under your direct supervision, but only for acts within the scope of their employment by you or while performing duties related to the conduct of your business. However, no such retired partner, member, director or "employee" is an insured for:

(1) "Bodily injury":

- (a) To you, to your current partners or members (if you are a partnership or joint venture), to your current members (if you are a limited liability company) or to your current directors;
- (b) To the spouse, child, parent, brother or sister of that current partner, member or director as a consequence of Paragraph (1)(a) above;
- (c) For which there is any obligation to share damages with or repay someone else who must pay damages because of the injury described in Paragraph (1)(a) or (b) above; or
- (d) Arising out of his or her providing or failing to provide professional health care services.

Unless you are in the business or occupation of providing professional health care services, Paragraphs (1)(a), (b), (c) and (d) above do not apply to "bodily injury" arising out of providing or failing to provide first aid or "Good Samaritan services" by any of your retired partners, members, directors or "employees", other than a doctor. Any such retired partners, members, directors or "employees" providing or failing to provide first aid or "Good Samaritan services" during their work hours for you will be deemed to be acting within the scope of their employment by you or performing duties related to the conduct of your business.

(2) "Personal injury":

- (a) To you, to your current or retired partners or members (if you are a partnership or joint venture), to your current or retired members (if you are a limited liability company), to your other current or retired directors or "employees" while in the course of his or her employment or performing duties related to the conduct of your business, or to your other "volunteer workers" while performing duties related to the conduct of your business;
- (b) To the spouse, child, parent, brother or sister of that current or retired partner, member, director, "employee" or "volunteer worker" as a consequence of Paragraph (2)(a) above;
- (c) For which there is any obligation to share damages with or repay someone else who must pay damages because of the injury described in Paragraph (2)(a) or (b) above; or
- (d) Arising out of his or her providing or failing to provide professional health care services.

(3) "Property damage" to property:

- (a) Owned, occupied or used by; or
- (b) Rented to, in the care, custody or control of, or over which physical control is being exercised for any purpose by;

you, any of your retired partners, members or directors, your current or retired "employees" or "volunteer workers", any current partner or member (if you are a partnership or joint venture), or any current member (if you are a limited liability company) or current director.

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D. WHO IS AN INSURED – EMPLOYEES AND VOLUNTEER WORKERS – BODILY INJURY TO CO-EMPLOYEES, CO-VOLUNTEER WORKERS AND RETIRED PARTNERS, MEMBERS, DIRECTORS AND EMPLOYEES

The following is added to Paragraph 2.a.(1) of SECTION II – WHO IS AN INSURED:

Paragraphs (1)(a), (b) and (c) above do not apply to "bodily injury" to a current or retired co-"employee" while in the course of the co-"employee's" employment by you or performing duties related to the conduct of your business, or to "bodily injury" to your other "volunteer workers" or retired partners, members or directors while performing duties related to the conduct of your business.

E. WHO IS AN INSURED – NEWLY ACQUIRED OR FORMED LIMITED LIABILITY COMPANIES

The following replaces Paragraph 3. of SECTION II – WHO IS AN INSURED:

3. Any organization you newly acquire or form, other than a partnership or joint venture, and of which you are the sole owner or in which you maintain an ownership interest of more than 50%, will qualify as a Named Insured if there is no other similar insurance available to that organization. However:

- a. Coverage under this provision is afforded only:

- (1) Until the 180th day after you acquire or form the organization or the end of the policy period, whichever is earlier, if you do not report such organization in writing to us within 180 days after you acquire or form it; or

- (2) Until the end of the policy period, when that date is later than 180 days after you acquire or form such organization, if you report such organization in writing to us within 180 days after you acquire or form it;

- b. Coverage A does not apply to "bodily injury" or "property damage" that occurred before you acquired or formed the organization; and
- c. Coverage B does not apply to "personal and advertising injury" arising out of an offense committed before you acquired or formed the organization.

For the purposes of Paragraph 1. of Section II – Who Is An Insured, each such

organization will be deemed to be designated in the Declarations as:

- a. A limited liability company;
- b. An organization other than a partnership, joint venture or limited liability company; or
- c. A trust;

as indicated in its name or the documents that govern its structure.

F. BLANKET ADDITIONAL INSURED – CONTROLLING INTEREST

1. The following is added to SECTION II – WHO IS AN INSURED:

Any person or organization that has financial control of you is an insured with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" that arises out of:

- a. Such financial control; or
- b. Such person's or organization's ownership, maintenance or use of premises leased to or occupied by you.

The insurance provided to such person or organization does not apply to structural alterations, new construction or demolition operations performed by or on behalf of such person or organization.

2. The following is added to Paragraph 4. of SECTION II – WHO IS AN INSURED:

This paragraph does not apply to any premises owner, manager or lessor that has financial control of you.

G. BLANKET ADDITIONAL INSURED – MORTGAGEES, ASSIGNEES, SUCCESSORS OR RECEIVERS

The following is added to SECTION II – WHO IS AN INSURED:

Any person or organization that is a mortgagee, assignee, successor or receiver and that you have agreed in a written contract or agreement to include as an additional insured on this Coverage Part is an insured, but only with respect to its liability as mortgagee, assignee, successor or receiver for "bodily injury", "property damage" or "personal and advertising injury" that:

- a. Is "bodily injury" or "property damage" that occurs, or is "personal and advertising injury" caused by an offense that is committed,

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COMMERCIAL GENERAL LIABILITY

subsequent to the signing of that contract or agreement; and

- b. Arises out of the ownership, maintenance or use of the premises for which that mortgagee, assignee, successor or receiver is required under that contract or agreement to be included as an additional insured on this Coverage Part.

The insurance provided to such mortgagee, assignee, successor or receiver is subject to the following provisions:

- a. The limits of insurance provided to such mortgagee, assignee, successor or receiver will be the minimum limits that you agreed to provide in the written contract or agreement, or the limits shown in the Declarations, whichever are less.
- b. The insurance provided to such person or organization does not apply to:
 - (1) Any "bodily injury" or "property damage" that occurs, or any "personal and advertising injury" caused by an offense that is committed, after such contract or agreement is no longer in effect; or
 - (2) Any "bodily injury", "property damage" or "personal and advertising injury" arising out of any structural alterations, new construction or demolition operations performed by or on behalf of such mortgagee, assignee, successor or receiver.

H. BLANKET ADDITIONAL INSURED – GOVERNMENTAL ENTITIES – PERMITS OR AUTHORIZATIONS RELATING TO PREMISES

The following is added to **SECTION II – WHO IS AN INSURED**:

Any governmental entity that has issued a permit or authorization with respect to premises owned or occupied by, or rented or loaned to, you and that you are required by any ordinance, law, building code or written contract or agreement to include as an additional insured on this Coverage Part is an insured, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" arising out of the existence, ownership, use, maintenance, repair, construction, erection or removal of any of the following for which that governmental entity has issued such permit or authorization: advertising signs, awnings, canopies, cellar entrances, coal holes, driveways, manholes, marquees, hoist away

openings, sidewalk vaults, elevators, street banners or decorations.

I. BLANKET ADDITIONAL INSURED – GOVERNMENTAL ENTITIES – PERMITS OR AUTHORIZATIONS RELATING TO OPERATIONS

The following is added to **SECTION II – WHO IS AN INSURED**:

Any governmental entity that has issued a permit or authorization with respect to operations performed by you or on your behalf and that you are required by any ordinance, law, building code or written contract or agreement to include as an additional insured on this Coverage Part is an insured, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" arising out of such operations.

The insurance provided to such governmental entity does not apply to:

- a. Any "bodily injury", "property damage" or "personal and advertising injury" arising out of operations performed for the governmental entity; or
- b. Any "bodily injury" or "property damage" included in the "products-completed operations hazard".

J. INCIDENTAL MEDICAL MALPRACTICE

- 1. The following replaces Paragraph b. of the definition of "occurrence" in the **DEFINITIONS** Section:

- b. An act or omission committed in providing or failing to provide "incidental medical services", first aid or "Good Samaritan services" to a person, unless you are in the business or occupation of providing professional health care services.

- 2. The following replaces the last paragraph of Paragraph 2.a.(1) of **SECTION II – WHO IS AN INSURED**:

Unless you are in the business or occupation of providing professional health care services, Paragraphs (1)(a), (b), (c) and (d) above do not apply to "bodily injury" arising out of providing or failing to provide:

- (a) "Incidental medical services" by any of your "employees" who is a nurse, nurse assistant, emergency medical technician, paramedic, athletic trainer, audiologist, dietician, nutritionist,

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occupational therapist or occupational therapy assistant, physical therapist or speech-language pathologist; or

- (b) First aid or "Good Samaritan services" by any of your "employees" or "volunteer workers", other than an employed or volunteer doctor. Any such "employees" or "volunteer workers" providing or failing to provide first aid or "Good Samaritan services" during their work hours for you will be deemed to be acting within the scope of their employment by you or performing duties related to the conduct of your business.
3. The following replaces the last sentence of Paragraph 5. of **SECTION III – LIMITS OF INSURANCE**:
- For the purposes of determining the applicable Each Occurrence Limit, all related acts or omissions committed in providing or failing to provide "incidental medical services", first aid or "Good Samaritan services" to any one person will be deemed to be one "occurrence".
4. The following exclusion is added to Paragraph 2., **Exclusions**, of **SECTION I – COVERAGES – COVERAGE A – BODILY INJURY AND PROPERTY DAMAGE LIABILITY**:
- Sale Of Pharmaceuticals**
- "Bodily injury" or "property damage" arising out of the violation of a penal statute or ordinance relating to the sale of pharmaceuticals committed by, or with the knowledge or consent of the insured.
5. The following is added to the **DEFINITIONS** Section:
- "Incidental medical services" means:
- a. Medical, surgical, dental, laboratory, x-ray or nursing service or treatment, advice or instruction, or the related furnishing of food or beverages; or
- b. The furnishing or dispensing of drugs or medical, dental, or surgical supplies or appliances.
6. The following is added to Paragraph 4.b., **Excess Insurance**, of **SECTION IV – COMMERCIAL GENERAL LIABILITY CONDITIONS**:
- This insurance is excess over any valid and collectible other insurance, whether primary, excess, contingent or on any other basis,

that is available to any of your "employees" for "bodily injury" that arises out of providing or failing to provide "incidental medical services" to any person to the extent not subject to Paragraph 2.a.(1) of Section II – Who Is An Insured.

K. MEDICAL PAYMENTS – INCREASED LIMIT

The following replaces Paragraph 7. of **SECTION III – LIMITS OF INSURANCE**:

7. Subject to Paragraph 5. above, the Medical Expense Limit is the most we will pay under Coverage C for all medical expenses because of "bodily injury" sustained by any one person, and will be the higher of:
- a. \$10,000; or
- b. The amount shown in the Declarations of this Coverage Part for Medical Expense Limit.

L. AMENDMENT OF EXCESS INSURANCE CONDITION – PROFESSIONAL LIABILITY

The following is added to Paragraph 4.b., **Excess Insurance**, of **SECTION IV – COMMERCIAL GENERAL LIABILITY CONDITIONS**:

This insurance is excess over any of the other insurance, whether primary, excess, contingent or on any other basis, that is Professional Liability or similar coverage, to the extent the loss is not subject to the professional services exclusion of Coverage A or Coverage B.

M. BLANKET WAIVER OF SUBROGATION – WHEN REQUIRED BY WRITTEN CONTRACT OR AGREEMENT

The following is added to Paragraph 8., **Transfer Of Rights Of Recovery Against Others To Us**, of **SECTION IV – COMMERCIAL GENERAL LIABILITY CONDITIONS**:

If the insured has agreed in a written contract or agreement to waive that insured's right of recovery against any person or organization, we waive our right of recovery against such person or organization, but only for payments we make because of:

- a. "Bodily injury" or "property damage" that occurs; or
- b. "Personal and advertising injury" caused by an offense that is committed;
- subsequent to the signing of that contract or agreement.

COMMERCIAL GENERAL LIABILITY

N. CONTRACTUAL LIABILITY – RAILROADS

1. The following replaces Paragraph c. of the definition of "insured contract" in the **DEFINITIONS** Section:
 - c. Any easement or license agreement;
2. Paragraph f.(1) of the definition of "insured contract" in the **DEFINITIONS** Section is deleted.

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**WORKERS COMPENSATION
AND
EMPLOYERS LIABILITY POLICY
ENDORSEMENT WC 00 03 13 (00) -**

POLICY NUMBER:

WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.)

This agreement shall not operate directly or indirectly to benefit any one not named in the Schedule.

SCHEDULE

DESIGNATED PERSON:

DESIGNATED ORGANIZATION:

DATE OF ISSUE: - -

ST ASSIGN:



CHANGE EFFECTIVE DATE: 11-06-24
CHANGE ENDORSEMENT NUMBER: 0007

One Tower Square, Hartford, Connecticut 06183

CHANGE ENDORSEMENT

Named Insured:
RJN GROUP, INC

Policy Number: P-630-5Y000855-PHX-24
Policy Effective Date: 08/01/24
Issue Date: 01/24/25
Premium \$ 0

INSURING COMPANY:
THE PHOENIX INSURANCE COMPANY

Effective from 11/06/24 at the time of day the policy becomes effective.

THIS INSURANCE IS AMENDED AS FOLLOWS:

THE ACTUAL EFFECTIVE DATE OF THIS ENDORSEMENT IS 01/07/2025.

THE COMMERCIAL GENERAL LIABILITY COVERAGE PART IS AMENDED AS FOLLOWS:

AMENDING CG D3 61 03 05 - ADDL INSD-OWNERS/LESSEE/CONTRACTOR B AS PER
ATTACHED.

NAME AND ADDRESS OF AGENT OR BROKER:
BROWN & BROWN INS SVCS (CXD00)
1200 N MAYFAIR RD STE 100
MILWAUKEE, WI 53226

COUNTERSIGNED BY:

Authorized Representative

IL TO 07 09 87 PAGE 1 OF 1
OFFICE: MILWAUKEE

DATE: _____



POLICY NUMBER: P-630-5Y000855-PHX-24

EFFECTIVE DATE: 08-01-24

ISSUE DATE: 01-24-25

LISTING OF FORMS, ENDORSEMENTS AND SCHEDULE NUMBERS

THIS LISTING SHOWS THE NUMBER OF FORMS, SCHEDULES AND ENDORSEMENTS
BY LINE OF BUSINESS.

IL T0 07 09 87 CHANGE ENDORSEMENT
IL T8 01 10 93 FORMS, ENDORSEMENTS AND SCHEDULE NUMBERS

COMMERCIAL GENERAL LIABILITY

CG D3 61 03 05 ADD'L INSURED-OWNERS, LESSEES, CONTRACTORS



GENERAL LIABILITY



GENERAL LIABILITY

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

Names of Additional Insured Person(s) or Organization(s):

**VILLAGE OF ORLAND PARK, ITS
OFFICIALS, EMPLOYEES AND AGENTS**

Location of Covered Operations:

2025 PROGRAM MANAGEMENT

(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", "personal injury" or "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, or "personal injury" or "advertising injury" arising out of an offense committed, 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.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

7/30/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Brown & Brown Insurance Services, Inc. 1200 North Mayfair Road Suite 100 Milwaukee WI 53226	CONTACT NAME: Andres Rodriguez PHONE (A/C, No, Ext): (414) 443-0000 E-MAIL ADDRESS: MilCertificates@bbrown.com FAX (A/C, No):														
INSURED RJN Group, Inc 2655 Warrenville Rd Suite 225 Downers Grove IL 60515	<table><tr><th>INSURER(S) AFFORDING COVERAGE</th><th>NAIC #</th></tr><tr><td>INSURER A: The Phoenix Insurance Company</td><td>25623</td></tr><tr><td>INSURER B: The Charter Oak Fire Insurance Company</td><td>25615</td></tr><tr><td>INSURER C: Travelers Property Casualty Company of</td><td>25674</td></tr><tr><td>INSURER D: Houston Casualty Company</td><td></td></tr><tr><td>INSURER E: Allied World Surplus Lines Insurance Co</td><td></td></tr><tr><td>INSURER F:</td><td></td></tr></table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: The Phoenix Insurance Company	25623	INSURER B: The Charter Oak Fire Insurance Company	25615	INSURER C: Travelers Property Casualty Company of	25674	INSURER D: Houston Casualty Company		INSURER E: Allied World Surplus Lines Insurance Co		INSURER F:	
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INSURER D: Houston Casualty Company															
INSURER E: Allied World Surplus Lines Insurance Co															
INSURER F:															

COVERAGES**CERTIFICATE NUMBER: 24-25 (ST) GL, AU,****REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: ☒ POLICY ☐ PRO-JECT ☐ LOC OTHER:			P-630-5Y000855-PHX-24	8/1/2024	8/1/2025	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
B	AUTOMOBILE LIABILITY ☒ ANY AUTO ☐ ALL OWNED AUTOS ☐ SCHEDULED AUTOS ☐ HIRED AUTOS ☐ NON-OWNED AUTOS			810-4Y999425-24-43-G	8/1/2024	8/1/2025	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ OTHER \$
C	☒ UMBRELLA LIAB ☒ OCCUR ☐ EXCESS LIAB ☐ CLAIMS-MADE DED ☒ RETENTION \$ 10,000			CUP-5Y007788-24-43	8/1/2024	8/1/2025	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	UB-5Y004055-24-43-G	8/1/2024	8/1/2025	☒ PER STATUTE ☐ OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
D	Cyber Liability			H24NGP228776-01	8/1/2024	8/1/2025	Claim/Aggregate \$2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

E - Professional Liability, Policy #0309-1208, Effective Dates 8/1/2024 - 8/1/2025, Per Claim: \$3,000,000, Aggregate: \$3,000,000, Retroactive Date: 08/01/1994

RE: Project#11379402 - Project Name: 2024 Sanitary Sewer Program Management

CERTIFICATE HOLDER**CANCELLATION**

Village of Orland Park 14700 S. Ravinia Avenue Orland Park, IL 60462	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE Michael Sarner/MOJONE <i>Michael Sarner</i>
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ACORD 25 (2014/01)

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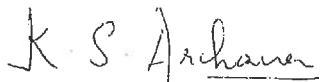
November 22, 2024

Mr. Patrick McLaughlin
Engineering Division Manager
Village of Orland Park
Office of the Village Clerk
14700 South Ravinia Avenue
Orland Park, Illinois 60462

Subject: RFP #2024-064 Sanitary Sewer Evaluation Program 2025-2027

RJN Group, Inc. has revised our program management fee to exclude sanitary sewer investigations and flow monitoring studies. If you have any questions, please contact Project Manager Archana Kuchimanchi, PE, at (312) 363-8835 or archana.kuchimanchi@rjnmail.com.

Sincerely,


Archana Kuchimanchi, PE
Project Manager


Michael Young, PE
Project Director



Revised

PROPOSAL SUMMARY SHEET AND REQUIRED DOCUMENTS

PROPOSAL SUMMARY SHEET
RFP #24-064
Sanitary Sewer Evaluation Program 2025-2027

Business Name: RJN Group, Inc.

Street Address: 2655 Warrenville Road, Suite 225

City, State, Zip: Downers Grove, IL 60515

Contact Name: Archana Kuchimanchi, PE

Title: Project Manager | M: (312) 363-8835

Phone: (630) 682-4700 ext. 1344 Fax: (630) 682-4754

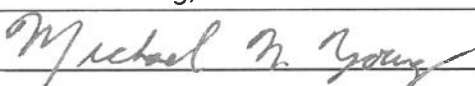
E-Mail address: Archana.kuchimanchi@rjnmail.com

Price Proposal

	2025 (Year #1)	2026 (Year #2)	2027 (Year #3)	2028 (Option Year #1)	2029 (Option Year #2)
Program Management	\$185,000	\$194,500	\$206,500	\$210,500	\$222,500

AUTHORIZATION & SIGNATURE

Name of Authorized Signee: Michael Young, PE

Signature of Authorized Signee: 

Title: Senior Vice President Date: 11/22/2024



ORLAND PARK

RFP #24-064

Sanitary Sewer Evaluation Program 2025-2027

PROJECT DETAILS

Scope of Work

The Village of Orland Park (the "Village") is requesting proposals to retain the services of one (1) qualified and experienced consulting engineering firm (Consultant) to provide assistance in developing and implementing a Village-wide comprehensive sanitary sewer system evaluation and repair program, which incorporates the mandates and requirements outlined in Article 8 of the Metropolitan Water Reclamation District of Greater Chicago's (District) Watershed Management Ordinance (WMO). These activities will then translate into sound and cost-efficient repair and corrective recommendations.

The selected Consultant will be retained to complete engineering and consulting services for the Village's Sanitary Sewer Inflow and Infiltration (I/I) Capital Improvement Program (CIP). The term of this agreement will be for the next three fiscal years (2025-2027), with an optional 2-year extension (2028-2029).

The Village maintains a separate sanitary sewer system, with approximately two hundred sixty (260) miles of sanitary sewer mains, approximately seven thousand (7,000) manholes, thirteen (13) lift stations, approximately forty-six thousand eight hundred (46,800) lineal feet of sanitary force main, and approximately twenty-three thousand five hundred (23,500) residential and business services. Information relating to the sanitary sewer infrastructure is contained in a Geographic Information System (GIS) platform. Supervisory Control and Data Acquisition (SCADA) information is also available from an existing system.

Much of the older collection system was built with vitrified clay pipe (the majority of which has been lined), some cast iron, ductile iron, and concrete pipe are also installed. With some exceptions, subdivisions constructed between 1975 and 2010 were built utilizing ABS Truss Pipe SDR26.5. Sanitary sewers constructed after 2010 utilized PVC Schedule 26 pipe.

The Village's Public Works Department, Utility Division, is responsible for the repair and maintenance of the collection system. The Village's Utility Division is also responsible for the repair and maintenance of the potable water, storm sewer, and drainage infrastructure.

The Utility Division maintains all infrastructure with a field crew of seventeen (17) whose responsibilities include all aspects of the Village's sanitary sewer collection system. The Village also utilizes contractors for some collection system maintenance tasks, i.e., pipe lining, incidental cleaning and televising, main line repairs, etc.

Since the onset of MWRD's Short Term Program in 2015, the Village has completed sanitary sewer investigations in the older parts of town and identified areas with high priority defects. Based on the findings, the Village has implemented a multi-year sewer rehabilitation program focusing on:

- Sewer/manhole rehabilitation/replacement projects
- Lift station assessments and design
- Annual sewer televising (CCTV) Program



ORLAND PARK

RFP #24-064

Sanitary Sewer Evaluation Program 2025-2027

The Village's overall goal is to continue its compliance with the District's Watershed Management Ordinance by reducing the amount of inflow and infiltration (I/I). Reducing the I/I entering the sanitary sewer system will reduce the possibility of sanitary sewer overflows and basement backups improving the overall quality of life for our customers and reduce the overall pumping costs.

The Village expects that the scope of services will establish various investigative tools and methods to identify, record, monitor and remove inflow and infiltration. Methods may include manhole inspections, smoke testing, dyed water flooding, flow monitoring, cleaning and televising of sanitary sewers, and the development of specifications, cost estimates and other bidding documents for improvements to the sanitary sewer collection system.

The selected Consultant shall:

A. Preparatory work:

1. Meet with Village staff to gain an understanding of the Village's sanitary sewer collection systems maintenance, inspection, and rehabilitation program as well as all regulatory plans in place, including the Village's LTOMP and PSP;
2. Review Village GIS;
3. Review Village flow monitoring program and hydraulic modeling information; and
4. Review the Village's operation and maintenance practices and other reports from past studies.

B. Sewer System Evaluation Study (SSES) Programs

1. Complete Sewer System Evaluation Study (SSES) inspections and analysis, which may include:
 - a. Flow and Rainfall Monitoring
 - b. Manhole scanning, inspections, and GPS survey
 - c. Smoke testing
 - d. Acoustic blockage testing
 - e. Mainline sewer inspection (lamping, televising, multi-sensor, and focused electrode leak locating) coordination and review
 - f. Lateral sewer televising inspection coordination and review
 - g. Dyed water tracing and flooding
 - h. Private property (internal building) inspections; and
 - i. Lift station and force main assessments
2. Online access to collected data.
3. Comprehensive reporting following inspection and analysis work (or annually)
4. Work with the Village to continue its annual program for the monitoring, prioritization, and inspection of the sewer collection system.

C. Regulatory Assistance

1. Assistance in completing MWRD annual reporting requirements, including the IICP program.
2. Permitting for sanitary improvements
3. Conceptual approval coordination with MWRD
4. Revolving loan assistance, including project planning.
5. Assist the Village of Orland Park in implementing the Long-Term O&M Program (LTOMP) and the Private Sector Program (PSP).



ORLAND PARK

RFP #24-064

Sanitary Sewer Evaluation Program 2025-2027

D. Design and Construction

1. Develop a multi-year rehabilitation improvement program (or assist Village staff with), including:
 - a. Development of an asset management program to prioritize rehabilitation programs for sewers, laterals, and manholes
 - b. Preparation of plans, specifications, and contract documents for sewer improvement projects
 - c. Construction phase services for sewer rehabilitation projects
2. Design of major sewer improvements, including:
 - a. Sanitary sewer replacement, pump stations, force mains
 - b. Preparation of plans, specifications, and contract documents for major sewer improvement projects
 - c. Construction phase services for sewer improvement projects

E. Comprehensive reporting following inspection and analysis work (or annually), including:

1. Summarizing work completed;
2. Lists and GIS maps of defects identified;
3. Recommendations for the repair, rehabilitation, and replacement of sewer infrastructure based on the SSES inspections; and
4. Prioritized recommendations for follow-up inspections and rehabilitation work.

F. Develop a multi-year rehabilitation improvement program (or assist Village staff with), including:

1. Assistance in completing MWRD annual reporting requirements;
2. Develop an Asset Management program to prioritize rehabilitation programs;
3. Preparation of plans, specifications, and contract documents for sewer improvement projects; and
4. Resident engineering and construction observation services for sewer rehabilitation projects.

G. Public Outreach/Notification Campaign: Due to the highly visible nature of this type of work, the Consultant will assist staff with creating and maintaining an effective public outreach campaign that will consist of the following:

1. Pre-Project campaign to notice citizens educating them of upcoming testing/work
2. Web based information, notifications, and education material
3. Scheduled mailings and/or handouts
4. Reminder information by neighborhood or designated work area
5. Brochures, pamphlets, and targeted neighborhood correspondences

H. Provide coordination of GIS improvements with the Village.

I. Provide on-call services to the Village to assist with sewer collection system issues, as-needed.

It is expressly understood and agreed to by both Parties that in no event shall the total amount to be paid by the Village for the complete and satisfactory performance of services, exceed the proposed amount. Said price shall be the total compensation for Consultant's performance hereunder including, but not limited to, all work, deliverables, materials, supplies, equipment, sub-



ORLAND PARK

RFP #24-064

Sanitary Sewer Evaluation Program 2025-2027

Consultant's fees, and all reimbursable travel and miscellaneous or incidental expenses to be incurred by Consultant. In the event the Consultant incurs cost in excess of the sum authorized for service, the Consultant shall pay such excess from its own funds, and the Village shall not be required to pay any part of such excess, and the Consultant shall have no claim against the Village on account thereof. For the avoidance of doubt, in no event shall Consultant be entitled to receive more than the proposed amount and this amount includes all costs incurred by Consultant in connection with the work and services authorized hereby, including, but not limited to: (i) any known or unknown and/or unexpected condition(s); (ii) any and all unforeseen difficulties; (iii) any unanticipated rises in the cost of labor, materials or equipment, changes in market or negotiating conditions, and errors or omissions made by others; (iv) the character of the work and/or services to be performed; and (v) any overrun in the time or cost necessary for the Consultant to complete the work due to any causes, within or beyond its control. Under no circumstances shall the Village be liable for any additional charges if Consultant's actual costs and reimbursable expenses for such work, service or deliverable exceed the proposed amount. Accordingly, Consultant represents, warrants and covenants to the Village that it will not, nor will Consultant have anyone on its behalf, attempt to collect an amount in excess of the proposed amount agreed to by the Consultant.



ORLAND PARK



Contractual Risk Transfer Evaluation Summary

Date 1/28/25

Vendor/Contractor Name: RJN Group, Inc
 Contract/Project Name/ #: 2025-2027 Sanitary Sewer Evaluation Program
 Contract Type: ☐ Contractor ☒ Prof. Svcs ☐ Goods Only ☐ MSA
 MSA Title
 Type of Work: Engineering
 Contract/Project Summary: 2025-2027 Sanitary Sewer Evaluation Program
 Policy Expiration Date: 8/1/25

Required Coverages/Limits – Per Contract:

Compliant:

General Liability:	\$1 million	\$2 million General Agg.	Other:	☒ Yes	☐ No	☐ NA
Umbrella Liability:	\$1 million	\$2 million	Other: \$10M/\$10M	☒ Yes	☐ No	☐ NA
Auto Liability:	\$1 million	Any Auto/Owned	Other:	☒ Yes	☐ No	☐ NA
Workers' Comp./ Employer Liability	\$500,000 Each Accident, Each Employee, Policy Limit		Other:	☒ Yes	☐ No	☐ NA
Prof. Liability:	\$1 million	\$2 million	Other: \$3M/\$3M	☒ Yes	☐ No	☐ NA
Env. Liability:	\$1 million	\$2 million	Other:	☐ Yes	☐ No	☒ NA
Exc./Umb. Prof.				☐ Yes	☐ No	☒ NA
Excess/Umb GL				☐ Yes	☐ No	☒ NA
Cyber Liability:	\$500,000	\$1 million	Other: \$2M/\$2M	☒ Yes	☐ No	☐ NA
Builders Risk:	Completed Project Value		Other:	☐ Yes	☐ No	☒ NA
Other:			Other:	☐ Yes	☐ No	☐ NA

Required Endorsements:

ISO Additional Insured Endorsement: (CG 20 10 or CG 20 26)	☐ Yes	☐ No	☒ NA
ISO Additional Insured – Completed Operations (CG 20 37)	☐ Yes	☐ No	☒ NA
Broad Form Manuscript Add'l. Insd. Endorsement Reviewed/Acceptable Alternate Accepted Form:	☒ Yes	☐ No	☐ NA
Primary Additional Insured Coverage Provided - ISO CG 20 01 or Acceptable Alternate Accepted Form:	☒ Yes	☐ No	☐ NA
Waiver of Subrogation - General Liability	☒ Yes	☐ No	☐ NA
Waiver of Subrogation – Workers' Compensation	☒ Yes	☐ No	☐ NA

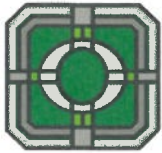
Additional Coverages/Revisions Approved:

Orland Park Hold Harmless/Indemnity Agreement Accepted: ☒ Yes ☐ No

Per Village Contract

Notes / Additional Comments:

Contractual Risk Transfer: Acceptable ☒ Not Acceptable ☐



VILLAGE OF ORLAND PARK

14700 S. Ravinia Avenue
Orland Park, IL 60462
www.orlandpark.org

Master

File Number: 2024-0941

File ID: 2024-0941

Type: MOTION

Status: PASSED

Version: 0

Reference:

Controlling Body: Board of Trustees

File Created Date : 12/09/2024

Agenda Entry: Consulting Engineering Services for Sanitary Sewer
Evaluation Program 2025-2027

Final Action: 12/16/2024

Title: Consulting Engineering Services for Sanitary Sewer Evaluation Program
2025-2027

Notes:

Sponsors:

Res/Ord Date:

Attachments: RFP 24-064 - Compliance Summary, Revised
Proposal - GHA, Revised Proposal - RJN Group

Res/Ord Number:

Drafter:

Hearing Date:

**Department
Contact:**

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
0	Public Works Department	12/09/2024	INTRODUCED TO BOARD	Board of Trustees			
0	Board of Trustees	12/16/2024	APPROVED				Pass

Text of Legislative File 2024-0941

Title/Name/Summary

Consulting Engineering Services for Sanitary Sewer Evaluation Program 2025-2027

History

In 2015, RJN Group Inc. of Downers Grove, Illinois (RJN) was selected by a competitive proposal process to perform the Village's Comprehensive Sanitary Sewer Evaluation Program. A consultant was requested to guide the Village through the various technical processes to conform to new mandates issued by the Metropolitan Water Reclamation District (MWRD) Watershed Management Ordinance (WMO) as it relates to the reduction of inflow and infiltration (I&I) into the Village's sanitary sewer system.

RJN Group was tasked to "provide assistance in developing and implementing a

village-wide comprehensive sanitary sewer system evaluation and repair program.” RJN Group has assisted in the establishment of some initial programs, parameters, and bid documents for short- and long-term operational activities.

Some highlights of the work RJN has completed since 2016 include:

- Identifying the priority basin to focus our MWRD short term improvement efforts, which is part of the tributary area to the 151st Street Lift Station, generally bounded between 143rd Street, 159th Street, LaGrange Road and Harlem Avenue.
- Televising the priority basin.
- smoke testing, manhole inspections, and cleaning and televising, flow monitoring, and dye testing the sanitary sewer system in the MWRD priority basin
- Identifying additional deficiencies and developing a plan for additional testing, inspections, cleaning and televising, and point repairs outside and inside the MWRD high priority basin

Staff anticipates that the consulting work to develop these critical programs will continue through FY2029. Staff requested a three (3) year proposal with optional two (2) years for continuing the current programs and meeting the upcoming MWRD requirements. The MWRD WMO requires additional programs, monitoring, and continued reporting of the I&I within the Village, but 2024 was the last contract year for the consulting services of the RJN Group.

The Sanitary Sewer Evaluation Program 2025-2027 scope is as follows:

- A. To continue assisting the Village of Orland Park in developing a Sewer System Condition Assessment within the high priority area and completing the Short Term Requirements Annual Summary Report.
- B. Assist the Village of Orland Park in the Sanitary Sewer System Rehabilitation Program including Manhole Rehabilitation and Cleaning & Televising. Utilize assessment data to identify rehabilitation needs and high priority deficiencies. Development of a Capital Improvement Program (CIP) based on severity of condition.
- C. Implement and submit to MWRD for a Private Sector Program (PSP) that addresses disconnection of direct and indirect cross connections identified during inspections and repairs to service laterals.
- D. Update/revise the submittal to MWRD of the Village's Long-Term Operations & Maintenance (O&M) Program conforming to Section §805 of the MWRD WMO.
- E. Due to the highly visible nature of this type of work, the Consultant will assist staff with creating and maintaining an effective public outreach campaign including notices to residents, Web-based information, educational material, scheduled mailings and/or handouts, reminders by neighborhood or designated work area, and brochures, pamphlets and targeted neighborhood correspondences
- F. Continue to assist with programs, parameters, and bid documents for short- and long-term operational activities including but not limited to manhole inspections, smoke testing, flow monitoring, and televising sanitary sewers.

RFP #24-064 was advertised on BidNet Direct on November 4, 2024, with a submission deadline on November 19, 2024. Thirty-one (31) companies downloaded the specifications. The Village received two (2) proposals for consideration and reached out to both vendors to provide a “best and final” proposal. A summary of which

is below.

RJN Group of Downers Grove, Illinois

2025 - \$185,000.00

2026 - \$194,500.00

2027 - \$206,500.00

2028 - \$210,500.00 (Option Year)

2029 - \$225,500.00 (Option Year)

Gewalt Hamilton Associates, Inc. of Vernon Hills, Illinois

2025 - \$219,000.00

2026 - \$226,000.00

2027 - \$233,000.00

2028 - \$238,000.00 (Option Year)

2029 - \$253,000.00 (Option Year)

RJN Group has extensive experience with the MWRD's WMO Article 8 requirements, and further demonstrated that they have well-qualified staff available to complete the development of the various programs for the Village. RJN has been working with Village staff since 2015 building our I&I program and has extensive knowledge of our sanitary sewer system. RJN's rate schedule was clear, comprehensive, and appropriately geared to accommodate staff's cost estimates for the development of the required programs.

It is staff's recommendation to continue our program with RJN Group, Inc. of Downers Grove, Illinois.

This agenda item is being considered by the Committee of the Whole and the Village Board of Trustees on the same night.

Financial Impact

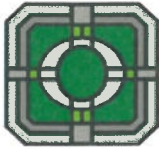
There are sufficient funds available in the FY2025 Budget in 50081690-432500.

Recommended Action/Motion

I move to approve and authorize the execution of a Professionals Services Agreement between the Village of Orland Park and RJN Group, Inc. as the qualified responsive proposal for RFP #24-064 Sanitary Sewer Evaluation Program 2025-2027 for three (3) years 2025-2027 for a not-to-exceed amount of \$185,000 for 2025, \$194,500 for 2026, and \$206,500 for 2027, for a total cost of \$586,000, with the option to extend for two (2) additional years 2028-2029 for a not-to-exceed amount of \$210,500 for 2028, and \$225,500 for 2029, for a total not-to-exceed contract price of \$1,022,000;

AND

Authorize the Village Manager to execute all related documents subject to Village Attorney review.



VILLAGE OF ORLAND PARK

14700 S. Ravinia Avenue
Orland Park, IL 60462
www.orlandpark.org

Meeting Minutes

Board of Trustees

Village President Keith Pekau

Village Clerk Brian L. Gaspardo

Trustees, William R. Healy, Cynthia Nelson Katsenes, Michael R. Milani,

Sean Kampas, Brian Riordan and Joni Radaszewski

Monday, December 16, 2024

7:00 PM

Village Hall

CALL TO ORDER/ROLL CALL

VILLAGE CLERK'S OFFICE

Approval of the December 2, 2024, Regular Meeting Minutes

I move to approve the minutes of the Board of Trustees Meeting of December 2, 2024.

A motion was made by Trustee Nelson Katsenes, seconded by Trustee Riordan, that this matter be APPROVED. The motion carried by the following vote:

PROCLAMATIONS/APPOINTMENTS/PRESENTATIONS

Veteran's Commission Donation Check Presentation

This item was a presentation. NO ACTION was required.

NON-SCHEDULED CITIZENS AND VISITORS FOR AGENDA-SPECIFIC PUBLIC COMMENT

ACCOUNTS PAYABLE

Accounts Payable December 3, 2024, through December 16, 2024 - Approval

I move to approve the Accounts Payable December 3, 2024, through December 16, 2024, in the amount of \$5,399,438.33.

A motion was made by Trustee Healy, seconded by Trustee Riordan, that this matter be APPROVED. The motion carried by the following vote:

CONSENT AGENDA

Passed the Consent Agenda

A motion was made by Trustee Kampas, seconded by Trustee Milani, to PASS THE CONSENT AGENDA, including all the following items marked as having been adopted on the Consent Agenda. The motion carried by the following vote:

Payroll for December 6, 2024 - Approval

I move to approve the Bi-Weekly Payroll for December 6, 2024, in the amount of \$1,599,623.46.

This matter was APPROVED on the Consent Agenda.

S&F Partners - 14340 108th Avenue - Rezoning

I move to adopt Ordinance 5964, entitled: ORDINANCE REZONING CERTAIN REAL ESTATE FROM BIZ GENERAL BUSINESS TO R-2 RESIDENTIAL (14340 108th AVENUE).

This matter was APPROVED on the Consent Agenda.

FLC Lower-Level Flooring Replacement Project

I move to approve the waiver of the competitive bid process in lieu of participation in joint purchasing cooperative Sourcewell pursuant to Contract #080819 and authorize the approval and execution of a vendor contract with Midway Flooring, Inc. for the FLC Gym and Track Floor Replacement Project, based on Midway Flooring, Inc.'s proposal JE004231-001 dated August 21, 2024 August 16, 2024, for a total not-to-exceed contract price of \$95,000.00 (\$88,191.96 plus a contingency of \$6,808.04);

AND

Authorize the Village Manager to execute all related contracts subject to Village Attorney review;

AND

Authorize the Village Manager to approve change orders not to exceed the contingency amount.

This matter was APPROVED on the Consent Agenda.

Storz Nozzle Conversion Program - Material Purchase

I move to approve the waiver of the competitive bid process and authorizing the approval and execution of a vendor contract with EJ USA for the purchase of one hundred fifty (150) Storz nozzles for the FY25 Pumper Nozzle Conversion Program for a total not-to-exceed contract price of \$60,000.00;

AND

Authorize the Village Manager to execute all related contracts, subject to Village Attorney review.

This matter was APPROVED on the Consent Agenda.

**Consulting Engineering Services for Sanitary Sewer Evaluation Program
2025-2027**

I move to approve and authorize the execution of a Professionals Services Agreement between the Village of Orland Park and RJN Group, Inc. as the qualified responsive proposal for RFP #24-064 Sanitary Sewer Evaluation Program 2025-2027 for three (3) years 2025-2027 for a not-to-exceed amount of \$185,000 for 2025, \$194,500 for 2026, and \$206,500 for 2027, for a total cost of \$586,000, with the option to extend for two (2) additional years 2028-2029 for a not-to-exceed amount of \$210,500 for 2028, and \$225,500 for 2029, for a total not-to-exceed contract price of \$1,022,000;

AND

Authorize the Village Manager to execute all related documents subject to Village Attorney review.

This matter was APPROVED on the Consent Agenda.

**2025 Orland Hills Road and Ditch Reconstruction Construction
Management - Contract Change Order**

I move recommend to the Village Board to approve and authorize the execution of a contract change order with Christopher B. Burke Engineering Ltd. of Rosemont, Illinois, for Orland Hills East and West Road and Ditch Reconstruction Construction Management, for a new total not-to-exceed contract price of \$298,270.00.

This matter was APPROVED on the Consent Agenda.

FLC Gym and Track Floor Replacement Project

I move to approve the waiver of the competitive bid process in lieu of participation in joint purchasing cooperative Sourcewell pursuant to Contract # 031622-H2I and authorize the approval and execution of a vendor contract with H2I Group Inc. for the FLC Gym and Track Floor Replacement Project, based on H2I Group Inc's quote 112774 dated October 17, 2024, for a total not-to-exceed contract price of \$225,000.00 (\$216,216.00 plus a contingency of \$8,784.00);

AND

Authorize the Village Manager to execute all related contracts, subject to Village Attorney review;

AND

Authorize the Village Manager to approve change orders not to exceed the contingency amount.

This matter was APPROVED on the Consent Agenda.

Stellwagen, Olde Mill and Police Station Natural Area Stewardship - Service Agreement

I move to approve and authorize the execution of a Service Agreement between the Village of Orland Park and Pizzo and Associates as the lowest qualified responsive proposal for the Stellwagen, Olde Mill, and Police Station Natural Area Stewardship - Service Agreement for three (3) years 2025-2027 for a cost of \$48,225.12 plus a 20% contingency of \$9,645.02 for a total cost of \$57,870.14, with the option to extend for two (2) additional years (2028-2029) at a total cost of \$32,150.08 plus a 20% contingency \$6,430.02 for an additional cost of \$38,580.10, for a total not-to-exceed contract price of \$96,450.24;

AND

Authorize the Village Manager to execute all related contracts subject to Village Attorney review.

AND

Authorize the Village Manager to approve change orders not to exceed the contingency amount.

This matter was APPROVED on the Consent Agenda.

2025 First Aid Cabinet Supplies - Omnia Purchasing Cooperative

I move to approve the waiver of the competitive bid process in lieu of participation in a joint purchasing cooperative Omnia pursuant to Contract R-BB-19002 and authorize the purchase of first aid cabinet supplies from Cintas Corporation in an amount not to exceed \$25,000.00 for 2025;

AND

Authorize the Village Manager to execute all related contracts, subject to Village Attorney review.

This matter was APPROVED on the Consent Agenda.

Landscape Management and Maintenance - Contract Addendum

I move to approve and authorize the execution of Change Order #1 and Addendum C to the contract dated February 5, 2021, with Christy Webber and Company for Landscape Management and Maintenance for a change in landscape management and maintenance service locations and increase the total not to exceed contract price by \$21,495.00 from \$1,617,383.92 for a new not-to-exceed contract price of \$1,638,878.92.

AND

Authorize the Village Manager to execute all related documents subject to Village Attorney review.

This matter was APPROVED on the Consent Agenda.

Supervisory Control and Data Acquisition (SCADA) Support Services Contract

I move to approve the waiver of the competitive bid process in lieu of approving the execution of a sole source vendor contract with Concentric Integration, of Crystal Lake, Illinois, for 2025 SCADA Support Services for a total not-to-exceed contract price of \$42,620.00;

AND

Authorize the Village Manager to execute said agreement, subject to Village attorney review.

This matter was APPROVED on the Consent Agenda.

Traffic Signal Maintenance for Village/ State/County Roadways Renewal

I move to approve and authorize the payment of all amounts allocated to the State of Illinois for shared traffic signal maintenance as provided for in the Intergovernmental Agreement governing maintenance of shared Village/State of Illinois roadways;

AND

Approve and authorize the payment of all amounts allocated to Cook County, Illinois, for shared traffic signal maintenance as provided for in the Intergovernmental Agreement governing maintenance of shared Village/County roadways;

AND

To approve the waiver of the competitive bid process lieu of solicitation of competitive proposals and accept the proposal from Meade Electric Company, Inc. of McCook, Illinois, dated November 14, 2024, for routine traffic signal maintenance for the thirteen (13) village owned traffic signals at a cost of \$200.83 per signal, for an amount not to exceed \$31,329.48 for 2025, plus \$25,000 for non-routine traffic signal maintenance, for a total not-to-exceed contract price of \$56,329.48;

AND

Authorize the Village Manager to execute all related contracts, subject to Village Attorney review.

This matter was APPROVED on the Consent Agenda.

151st Resurfacing 94th Avenue to Harlem Avenue - Phase II Design Engineering

I move to approve the waiver of the competitive bid process in lieu of approving the execution of a sole source vendor contract with Christopher B. Burke Engineering Ltd. for additional engineering design services for the STP Project 151st Resurfacing - 94th Avenue to Harlem Avenue in an amount not to exceed \$29,720.00;

AND

Authorize the Village Manager to execute all related contracts, subject to Village Attorney review.

This matter was APPROVED on the Consent Agenda.

2025 Building Automation System Services

I move to approve the waiver of the competitive bid process in lieu of approving the execution of a sole source vendor contract with Automatic Building Controls, LLC, of Rolling Meadows, IL, for 2025 Building Automation System Services, based on Automatic Building Controls, LLC's proposals dated October 7, 2024, and November 13, 2024, for a total not-to-exceed contract price of \$38,600.00;

AND

Authorize the Village Manager to execute all related contracts subject to Village Attorney review.

This matter was APPROVED on the Consent Agenda.

Police Department Gym Flooring Replacement Project

I move to approve the waiver of the competitive bid process in lieu of participation

in joint purchasing cooperative Sourcewell pursuant to Contract #080819 and authorize the approval and execution of a vendor contract with Midway Flooring, Inc. for the Police Department Gym Flooring Replacement Project, based on Midway Flooring, Inc.'s proposal JE004167-001 dated July 25, 2024, for a total not-to-exceed contract price of \$45,000.00 (\$42,749.13 plus a contingency of \$2,250.87);

AND

Authorize the Village Manager to execute all related contracts subject to Village Attorney review;

AND

Authorize the Village Manager to approve change orders not to exceed the contingency amount.

This matter was APPROVED on the Consent Agenda.

St. Michael's School Advisory Board 5K Fundraiser

I move to approve authorizing the St. Michael's School Advisory Board to host a 5K fundraiser within Centennial Park utilizing paths and parking lots as approved by Village staff on Saturday, March 1, 2025, from 9 a.m. to 12 p.m. contingent upon meeting all Village's permitting requirements, payment of fees and inspections.

This matter was APPROVED on the Consent Agenda.

Pollution Insurance Renewal

I move to approve and authorize the execution of the one (1) year 2025 contract renewal with Crum & Forster Specialty Insurance Company for pollution insurance coverage at a total not-to-exceed cost of \$775;

AND

Authorize the Village Manager to execute all related contracts, subject to Village Attorney review.

2025 Orland Hills East and West Road and Ditch Reconstruction - Bid Award

I move to approve and authorize the execution of a Contractor Agreement between the Village of Orland Park and Lindahl Brothers, Inc. of Bensenville, Illinois as the lowest cost, qualified and responsive proposal for RFP 24-063 - 2025 Orland Hills East and West Road and Ditch Reconstruction, in an amount not to exceed \$5,025,774.73;

AND

Authorize the Village Manager to execute all related contracts, subject to Village Attorney review.

A motion was made by Trustee Milani, seconded by Trustee Nelson Katsenes, that this matter be APPROVED. The motion carried by the following vote:

PUBLIC WORKS**A/E Services - Police Department Firing Range/EOC Commissioning Agent**

I move to approve and authorize the execution of a Service Agreement between the Village of Orland Park and Farnsworth Group Inc. as the lowest cost qualified responsive proposal for A/E Services - Police Department Firing Range/EOC Commissioning Agent for a cost of \$29,535.00 plus 10% contingency of \$2,953.50 for a total not-to-exceed cost of amount not to exceed \$32,488.50;

AND

Authorize the Village Manager to execute all related contracts, subject to Village Attorney review;

AND

Allow the Village Manager to approve change orders not to exceed the contingency amount.

A motion was made by Trustee Riordan, seconded by Trustee Healy, that this matter be APPROVED. The motion carried by the following vote:

2025 Facility Electrical Maintenance Support

I move to approve the waiver of the competitive bid process in lieu of participation in joint purchasing cooperative Omnia pursuant to Contract #02-139 and authorize the approval and execution of a vendor contract with Dav-Com Electric, Inc for Facility Electrical Maintenance Support in 2025 based on Dav-Com Electric, Inc's proposal #24-167-15 dated November 11, 2024, for a cost of \$77,640.00 plus a 10% contingency of \$7,764.00 for a total not-to-exceed contract price of \$85,404.00;

AND

Authorize the Village Manager to execute all related contracts subject to Village Attorney review;

AND

Authorize the Village Manager to approve change orders not to exceed the contingency amount.

A motion was made by Trustee Nelson Katsenes, seconded by Trustee Kampas, that this matter be APPROVED. The motion carried by the following vote:

DEVELOPMENT SERVICES

AN ORDINANCE ANNEXING PROPERTY (15824 AND 15826 S. 77TH AVENUE AND 7706 W. 159TH STREET- SURROUNDED UNINCORPORATED TERRITORY)

I move to adopt Ordinance 5965, entitled: AN ORDINANCE ANNEXING PROPERTY (15824 AND 15826 S. 77th AVENUE AND 7706 W. 159th STREET- SURROUNDED UNINCORPORATED TERRITORY) and allow the Village Manager to enter into a Memorandum of Understanding (MOU) within 90 days of the passage of this ordinance, subject to Village Attorney review.

A motion was made by Trustee Riordan, seconded by Trustee Healy, that this matter be PASSED. The motion carried by the following vote:

AN ORDINANCE ANNEXING PROPERTY (HUMPHREY DRIVE WETLANDS - 9301 W. 143RD STREET)

I move to adopt Ordinance 5966, entitled: AN ORDINANCE ANNEXING PROPERTY (9301 W. 143rd Street Annexation - SURROUNDED UNINCORPORATED TERRITORY).

A motion was made by Trustee Kampas, seconded by Trustee Radaszewski, that this matter be PASSED. The motion carried by the following vote:

RECREATION AND PARKS

Schussler Park All-Inclusive Playground Cooperative Equipment Purchase

I move to approve and authorize entering into an agreement with Play Illinois, LLC for the purchase of playground equipment in the amount of \$306,243.95 as quoted in Sourcewell contract #010521-BUR for the Schussler Park All-Inclusive Playground equipment, and to include a 10% contingency of \$30,624.40 for unforeseen circumstances for a total not to exceed \$336,868.35;

AND

To authorize the Village Manager to execute all related contracts, subject to Village Attorney review.

A motion was made by Trustee Riordan, seconded by Trustee Healy, that this matter be APPROVED. The motion carried by the following vote:

FINANCE**AN ORDINANCE ADOPTING THE ANNUAL BUDGET FOR THE FISCAL YEAR COMMENCING ON JANUARY 1, 2025, AND ENDING ON DECEMBER 31, 2025, FOR THE VILLAGE OF ORLAND PARK, COOK AND WILL COUNTIES, ILLINOIS**

I move to adopt Ordinance 5967, entitled: AN ORDINANCE ADOPTING THE ANNUAL BUDGET FOR THE FISCAL YEAR COMMENCING ON JANUARY 1, 2025 AND ENDING ON DECEMBER 31, 2025 FOR THE VILLAGE OF ORLAND PARK, COOK AND WILL COUNTIES, ILLINOIS.

A motion was made by Trustee Healy, seconded by Trustee Nelson Katsenes, that this matter be APPROVED. The motion carried by the following vote:

An Ordinance Providing For The Levying, Assessment And Collection Of Taxes For The Current Fiscal Year Of The Village Of Orland Park, Cook And Will Counties, Illinois

I move to adopt Ordinance 5968, entitled: AN ORDINANCE PROVIDING FOR THE LEVYING, ASSESSMENT AND COLLECTION OF TAXES FOR THE CURRENT FISCAL YEAR OF THE VILLAGE OF ORLAND PARK, COOK AND WILL COUNTIES, ILLINOIS, WHICH INCLUDES A VILLAGE LEVY IN THE TOTAL AMOUNT OF \$13,175,000 AND A LIBRARY LEVY IN THE AMOUNT OF \$7,082,000, FOR A TOTAL OF \$20,257,000.

A motion was made by Trustee Kampas, seconded by Trustee Milani, that this matter be APPROVED. The motion carried by the following vote:

Auditing Preparation Services - Audit Years 2023 and 2024

I move to approve the waiver of the competitive bid process and authorize the approval and execution of a Professional Services contract between the Village of Orland Park and Middle America Government Consulting, Inc. (MAGC) for auditing preparation services at a pay rate of \$104.00 per hour up to 40 hours per week and an overtime rate of \$156.00 per hour for any hours worked beyond 40, for a total not to exceed contract price of \$108,160.00;

AND

Authorize the Village Manager to execute said agreement, subject to Village Attorney review.

A motion was made by Trustee Riordan, seconded by Trustee Healy, that this matter be APPROVED. The motion carried by the following vote:

Financial Operations and Auditing Preparation Services - Change Order #1 and Addendum A

I move to approve and authorize the executions of Change Order #1 and Addendum A to the current Professional Services contract dated May 17, 2024, with Middle America Government Consulting, Inc. for the hours worked related the current contract of \$24,990.00 by \$5,000.00 based on rates per hour outlined in Exhibit A dated May 17, 2024 for a new not-to-exceed cost of \$29,990.00;

AND

Authorize the Village Manager to execute said agreement, subject to Village Attorney review.

A motion was made by Trustee Healy, seconded by Trustee Radaszewski, that this matter be APPROVED. The motion carried by the following vote:

FY2024 Budget Amendment #2

I move to approve a budget transfer from General Fund contingency to operational expenses within the General Fund of \$166,821.00, a budget transfer from General Fund contingency to the Capital Fund in the amount of \$144,151.00, a budget transfer from General Fund contingency funds to the Insurance Fund of \$189,028, and a budget amendment for an expense increase to the Insurance Fund of \$660,972.00.

A motion was made by Trustee Riordan, seconded by Trustee Healy, that this matter be APPROVED. The motion carried by the following vote:

BOARD COMMENTS**ADJOURNMENT: 7:58 P.M.**

A motion was made by Trustee Kampas, seconded by Trustee Nelson Katsenes, that this matter be ADJOURNED. The motion carried by the following vote:

Audio Recording for December 16, 2024, Board of Trustees Meeting

NO ACTION

/AS

Respectfully Submitted,

Brian L. Gaspardo, Village Clerk

Recording Secretary

MAYOR

Keith Pekau

VILLAGE CLERK

Brian L. Gaspardo

14700 S. Ravinia Avenue
Orland Park, IL 60462
(708)403-6100
orlandpark.org

**FINANCE****TRUSTEES**

William R. Healy

Cynthia Nelson Katsenes

Michael R. Milani

Sean Kampas

Brian J. Riordan

Joni J. Radaszewski

December 27, 2024

Archana Kuchimanchi, PE
RJN Group
2655 Warrenville Road, Suite 225
Downers Grove, IL 60515

NOTICE OF AWARD – RFP #24-064 Sanitary Sewer Evaluation Program 2025-2027

Dear Ms. Kuchimanchi,

This notification is to inform you that on December 16, 2024, the Village of Orland Park Board of Trustees approved awarding RJN Group the contract in accordance with the proposal you submitted dated November 19, 2024, for RFP #24-064 Sanitary Sewer Evaluation Program 2025-2027, for a not-to-exceed amount of \$185,000 for 2025, \$194,500 for 2026, and \$206,500 for 2027, for a total amount not to exceed five hundred eighty-six thousand and 00/100 (\$586,000.00) Dollars.

In order to begin this project, you must comply with the following within ten business days of the date of this Notice of Award, which is by January 14, 2025.

- Submit electronically a Certificate of Insurance and endorsements from your insurance company in accordance with all of the Insurance Requirements for a) the additional insured status, b) the waiver of subrogation for General Liability and c) the waiver of subrogation for Workers Compensation, per the Insurance Requirements. You may contact the Village's Contractual Risk Manager, Dan Letourneau at 630-846-8862 or ltcrs2019@gmail.com.

You will receive the contract via email from BidNet Direct ASC eSign after the Insurance Certificate and Endorsements have been approved by the Village. All documents listed above are to be submitted to Samantha Cooper, Executive Assistant, at scooper@orlandpark.org, and are required prior to the commencement of work. You will receive notification from BidNet Direct of the fully executed contract and will be issued a Notice to Proceed letter. Failure to comply with these conditions within the time specified will entitle the Village to consider your proposal abandoned and to annul this Notice of Award. If you have any questions, please do not hesitate to call me at 708-403-6357 or e-mail me at pmclaughlin@orlandpark.org.

Sincerely,

Patrick McLaughlin
Utilities Operations Manager

MAYOR

Keith Pekau

VILLAGE CLERK

Brian L. Gaspardo

14700 S. Ravinia Avenue
Orland Park, IL 60462
(708)403-6100
orlandpark.org



TRUSTEES

William R. Healy

Cynthia Nelson Katsenes

Michael R. Milani

Sean Kampas

Brian J. Riordan

Joni J. Radaszewski

February 4, 2025

Archana Kuchimanchi, PE
RJN Group
2655 Warrenville Road, Suite 225
Downers Grove, IL 60515

NOTICE TO PROCEED – RFP #24-064 Sanitary Sewer Evaluation Program 2025-2027

Dear Ms. Kuchimanchi,

This notification is to inform you that the Village of Orland Park has received the electronic contract, certifications, and insurance documents in order for work to commence on the above stated project as of February 3, 2025.

Please contact me at 708-403-6357 to arrange the commencement of the work.

The Village will be processing a Purchase Order Number for this contract/service and it will be emailed to your company. It is imperative that this number be noted on all invoices, correspondence, etc. All invoices should be sent directly to the Accounts Payable Department at 14700 S. Ravinia Ave. Orland Park, IL 60462 or emailed to accountspayable@orlandpark.org. Also, your final invoice for this contract/service should state that it is the final invoice pertaining to that Purchase Order Number.

Sincerely,

A handwritten signature in black ink, appearing to read "Patrick McLaughlin".

Patrick McLaughlin
Utilities Operations Manager

