

CLERK'S CONTRACT and AGREEMENT COVER PAGE

Legistar File ID#: 2025-0538

Contract #: 20250349

Start date: 7/7/2025

End date: 11/15/2025

Amount: \$ 368,974.00

Contingency Amount: \$ 36,800.00

Department: Public Works

Total Contract Amount: \$ 405,774.00

Contract Type: Contractor

Contractors Name: Airy's Inc

Status of Ownership: Veteran/Disabled, SBA **Status of Sub:** N/A

Certification: Attached Self-Certifying Did not disclose

Contract Description: 2025 Sanitary Sewer Manhole Rehabilitation Program



ORLAND PARK

AGREEMENT BETWEEN THE VILLAGE OF ORLAND PARK AND Airy's, Inc. FOR 2025 Sanitary Sewer Manhole Rehabilitation Program

THIS AGREEMENT (hereinafter, the "Agreement" or the "Contract") is made the 7th day of July, 2025, by and between the Village of Orland Park (hereinafter referred to as "VILLAGE") and Airy's, Inc. (hereinafter referred to as "Contractor") to furnish all materials, supplies, tools, equipment, labor, and perform other services necessary to commence and complete the Work in connection with the 2025 Sanitary Sewer Manhole Rehabilitation Program (hereinafter referred to as "Project", the "Work", or the "Services").

WITNESSETH:

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

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

- The Contractor's Proposal dated June 18, 2025; and/or
- Village of Orland Park ITB 25-037.

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 Proposal ("RFP"), Invitation To Bid ("ITB") 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 Contractor. Any provisions in the Contractor's Proposal or Bid or other submittals which are in conflict with or inconsistent with any of the same provisions in the Village's RFP, ITB, and/or Purchase Order shall be void to the extent of such conflict or inconsistency and the terms of the Village's RFP, ITB, and/or Purchase Order shall control.

2. Payment:

A. Compensation: The Village agrees to pay the Contractor as compensation for all Work required by this Agreement as follows:

- the amount(s) set forth on Exhibit A (the "Contractor's Proposal");
- the amount(s) based upon Schedule of Fees or Prices set forth on Exhibit B attached hereto and thereby made a part hereof; and
- a not-to-exceed amount of \$405,774.00 ("Contract Price")
- a not-to-exceed Proposal or Bid amount of \$368,974.00, plus \$36,800.00 contingency which may not be spent without prior written approval by the Village through a Change Order Request, for a total amount not-to-exceed \$405,774.00 ("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 \$405,774.00. Said price shall be the total compensation for Contractor'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 Contractor. In the event the Contractor incurs cost in excess of the sum authorized for service under this Agreement, the Contractor shall pay such excess from its own funds, and the Village shall not be required to pay any part of such excess, and the Contractor shall have no claim against the Village on account thereof.

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For the avoidance of doubt, in no event shall Contractor be entitled to receive more than this not-to-exceed amount and this amount includes all costs incurred by Contractor 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 Contractor 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 Contractor's actual costs and reimbursable expenses for such work, service or deliverable exceed the not-to-exceed price. Accordingly, Contractor represents, warrants and covenants to the Village that it will not, nor will Contractor have anyone on its behalf, attempt to collect an amount in excess of the not to exceed price agreed to by the Contractor as set forth above.

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

an invoice to the Village upon completion of and approval by the Village of the Work; or

invoice 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 Contractor.

C. Payment: Notwithstanding any provision of the Illinois Local Government Prompt Payment 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 Contractor for services required to correct deficiencies attributable to errors or omissions of the Contractor, and all such errors or omissions must be corrected by the Contractor at their sole cost and expense. Notwithstanding anything to the contrary herein contained, the Village has the right to withhold from payment due the Contractor 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 Contractor; (ii) the failure by the Contractor to perform the Contractor's obligations hereunder; or (iii) claims filed against the Village relating to the Services. Any sums withheld from the Contractor as provided in this section, and subsequently determined to be due and owing to the Contractor, will be paid to the Contractor.

10% retention will be withheld for this project for any payment made prior to the completion of 50% of the contract. When the contract is 50% complete, retainage withheld shall be reduced so that no more than 5% is held. After the contract is 50% complete, no more than 5% of the amount of any subsequent payments made under the contract will be held as retainage. When final acceptance is obtained the remaining 5% retention will be released in its entirety. Any further reduction below 5% in the retention amount prior to the final acceptance by the Village shall be at the sole discretion of the Village Manager and may be granted only if there are no claims or liens against the retained funds and with good cause shown as to why the Village Manager should consider a further reduction in the retention amount held by the Village.

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 Contractor will be entitled to receive, as its sole and exclusive

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remedy, compensation for Services properly performed to the date of termination to the extent the Village has funds available and appropriated to pay the Contractor such amount. Upon the request of the Contractor, the Village will inform the Contractor 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 Contractor'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 Contractor 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. Performance and Payment Bond: If the Contract Price is over \$50,000.00, prior to commencement of any Work on the Project, the Contractor shall provide to the Village a Performance and Payment Bond in compliance with the Public Construction Bond Act (30 ILCS 550/1, et seq.) and the Contract Documents.

A. Performance Bond: Guarantee to the Village that the vendor will perform its contractual obligations in accordance with the plans and specifications. The awarded contractor, within ten (10) days of the award of the contract by the Village of Orland Park, will be required to submit to the Village a Performance or Surety Bond, the value of the bond being equal to the total contract price, including any additional equipment and services hereto. The amount of the bond, the value of the bond being equal to the total contract price, among other conditions, shall be conditioned for the completion of the contract, for the payment of material used in the work and for all labor performed in the work, whether by subcontractor or otherwise. The bond must comply with the provisions found in the Illinois Revised Statutes. The cost of executing the bond, contract, and other documents required including all notarial fees and expenses are to be paid by the contractor to whom the contract is awarded. The surety on the bond shall be a company that is licensed by the Illinois Department of Insurance authorizing it to execute surety bonds and the company shall have a financial strength rating of at least A- as rated by A.M. Best Company, Inc., Moody's Investors Service, Standard & Poor's Corporation, or a similar rating agency.

B. Labor and Material Payment Bond: Ensure that subcontractors and material suppliers are paid according to contract. These bonds are typically used in conjunction with performance bonds. The awarded contractor, within ten (10) days of the award of the contract by the Village of Orland Park, will be required to submit to the Village a Labor and Material Payment Bond, the value of the bond being equal to the total contract price. The bond must comply with the provisions found in the Illinois Revised Statutes. The cost of executing the bond, contract, and other documents required including all notarial fees and expenses are to be paid by the contractor to whom the contract is awarded. The surety on the bond shall be a company that is licensed by the Illinois Department of Insurance authorizing it to execute surety bonds and the company shall have a financial strength rating of at least A- as rated by A.M. Best Company, Inc., Moody's Investors Service, Standard & Poor's Corporation, or a similar rating agency.

4. 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 Contractor's proposal dated June 18, 2025 and the Village's RFP, ITB, and/or Purchase Order 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.

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

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- A. Time is of the essence in this Contract. The Services to be performed by the Contractor under the Contract Documents shall commence no later than July 7, 2025 (hereinafter the “Commencement Date”), and shall be substantially completed by November 15, 2025, and fully completed no later than December 15, 2025 (hereinafter the “Completion Date”), barring only Acts of God, due to which the Completion Date may be modified in writing with the prior approval of the Village. If the Contractor 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 Contractor for the Services and/or the right to recover any excess cost of completion from the Contractor 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 Contractor 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 being completed within a timeframe that does not negatively impact the Village’s compliance any federal, state, or local regulations (if applicable).
6. Venue and Choice of Law: The Contractor 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 Contractor 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 Contractor or its surety from the obligations herein entered into by the same or change the terms of this Contract.
8. Notices: All notices required by the Contract Documents shall be given in writing and shall be served by one party to the other party via email (effective when transmitted), facsimile (effective when transmitted), personal delivery (effective when delivered), commercial overnight delivery (effective when delivered), or by mail (effective when mailed).
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.
10. 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 Contractor’s work or services provided pursuant to this Contract shall be reported to the Village and resolved by the Contractor and/or its agent in a timely manner.
- B. Within three (3) business days after receipt by Contractor of an initial written or verbal notice of any such incident, claim, or complaint, the Contractor 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 Contractor’s officer or employee who will be responsible for managing the resolution thereof until its final resolution by the Contractor and/or by the Contractor’s insurer or agent.
- C. Within ten (10) business days after the Contractor’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 Contractor or its agent(s) shall provide to the Village

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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 Contractor 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 Contractor 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 Contractor not less than monthly until such incident, claim, or complaint is fully resolved.
- E. The Contractor 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 Contractor receives its initial verbal or written notice of such incident, claim, or complaint.

11. Control and Inspection of Work or Services: Unless otherwise specified in the Contract Documents, inspection, acceptance or rejection of Work, and/or Services, including but not limited to goods, materials, and/or equipment which are part thereof, shall be made after delivery. Final inspection, acceptance and/or rejection of the Work and/or Services, including but not limited to goods, materials, and/or equipment which are part thereof, shall not impose liability on the Village for Work, and/or Services not in accordance with the Contract Documents as determined solely by the Village. Payment shall not be due on rejected Work and/or Services until and unless fully corrected and/or replaced as determined by the Village. All Work or Services performed by the Contractor shall be done in conformance with the Contract Documents.

12. Permits and Licenses: The Contractor shall obtain, at its own expense, all permits and licenses which may be required to complete the Project and all related Work as contemplated by the Contract Documents.

13. Insurance:

A. Prior to Commencement of Work:

(i) Prior to commencement of any Work under the Contract Documents, Contractor shall supply to the Village certificates of insurance as specified below, provided, however, these insurance requirements shall not be applicable to any Contract which is only for the purchase of goods by the Village, but which does not include the installation thereof by the Contractor. Contractor shall not start the Work under the related Contract until Contractor 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:

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: ISO Additional Insured Endorsement CG 20 10 04 13 or CG 20 26 04 13, and CG 20 01 04 13.

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

B. Insurance Required: The Contractor 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 Contractor, its employees, subcontractors, 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.

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- (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 Contractor's work, including activities performed by or on behalf of the Contractor; products and completed operations of the Contractor; premises owned, leased or used by the Contractor, or automobiles owned, leased, hired or borrowed by the Contractor. 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 Contractor'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 Contractor'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 Contractor's insurance shall contain a Severability of Interests/Cross-Liability clause or language stating that Contractor'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 Contractor 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 Contractor and all subcontractors 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 any Workers' Compensation Act provision that applies a limitation to the amount recoverable.
- (ii) Owners and Contractors Protective Liability (OCP) Policy: The OCP Policy shall name the "Village of Orland Park, and its officers, officials, employees, agents and volunteers" as insured or as additional insured and shall include coverage of \$1,000,000 combined single limit per occurrence for bodily injury and property damage;
(Required for large construction projects; applicable if box is checked)
- (iii) ISO Business Auto Liability coverage form number CA 00 01, Symbol 01 "Any Auto": \$1,000,000 combined single limit per accident for bodily injury, and property damage and \$1,000,000 per occurrence for personal injury.
- (iv) Workers' Compensation insurance 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:
 - (a) 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 Contractor for the Village.
 - (b) NCCI Alternate Employer Endorsement (WC 00 03 01 A) in place to insure that workers' compensation coverage applies under Contractor's coverage rather than under the coverage of the Village of Orland Park, and/or of its officers, officials, employees, agents and/or its volunteers (if the Village of Orland Park, its officers, officials, employees, agents and/or its volunteers are borrowing, leasing or in day to day control of Contractor's employee).

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- (v) Builder's Risk Property Coverage with "Village of Orland Park" named as the loss payee: insurance shall be provided against "all risk" of physical damage, including water damage (flood and hydrostatic pressure not excluded) on a completed replacement cost basis;
(Required for a general contractor on a building construction project; applicable if box is checked)
 - (vi) Environmental Impairment/Pollution Liability Coverage: \$1,000,000 combined single limit per occurrence for bodily injury, property damage and remediation costs, including but not limited to, for pollution incidents as a result of a claim for bodily injury, property damage or remediation costs from an incident at, on or migrating beyond the contracted work site. Coverage shall be extended to Non-Owned Disposal sites resulting from a pollution incident at, on or mitigating beyond the site; and also provide coverage for incidents occurring during transportation of pollutants; and
(Required if the project involves an exposure to or risk of environmental impairment and/or pollution liability from a worksite; applicable if box is checked)
 - (vii) Umbrella Policy: If the general aggregate limit for Commercial General Liability coverage provided is less than \$2,000,000, pursuant to Section 13(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.
 - (viii) Cyber Liability Coverage: for losses arising out of the Contractors 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 Contractor or any subcontractor 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, Contractor shall promptly provide the respective original insurance policies for review and approval by the Village Manager, or 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 licensed to do business in the State of Illinois.
- F. Verification of Coverage: Contractor 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, 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: ISO Additional Insured Endorsements CG 20 10 04 13 or CG 20 26 04 13. 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.

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- G. Subcontractors: Contractor shall include all subcontractors as insureds under its policies or shall furnish separate certificates and endorsements for each subcontractor. All coverages for subcontractors shall be subject to all of the requirements stated herein.
- H. Assumption of Liability: Contractor assumes liability for all injury to or death of any person or persons including employees of the Contractor, any subcontractor, any supplier or any other person and assumes liability for all damage to property sustained by any person or persons occasioned by or in any way arising out of any work performed pursuant to this Contract.
- I. Insurance Certifications: In addition to providing Certificates of Insurance as required by the contract documents, the Contractor shall submit to the Village a signed certification with each Request for Payment, stating that all the insurance required of the Contractor 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 Contractor or any subcontractor of any tier before receipt of Certificates of Insurance; (2) failing to review any Certificates of Insurance received; (3) failing to advise the Contractor or any subcontractor 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 Contractor and all subcontractors of any tier stating that all the required insurance is in force. The Contractor 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. Contractor 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 subcontractor incorporate this Paragraph into every sub-subcontract it enters into relative to the Work contemplated herein.
- K. Liability of Contractor and Subcontractor 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 Contractor or the liability of any subcontractor 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 Contractor, or any subcontractor's interest or liabilities, but are merely required minimums. The obligation of the Contractor and every subcontractor 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 Contractor or any subcontractor's insurance.
- L. Notice of Bodily Injury or Property Damage: The Contractor 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 Contractor 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. Safety/Loss Prevention Program Requirements: The Contractor shall provide written confirmation that a safety/loss prevention program was in place at least 90 days prior to submitting the bid proposal and is continuing. Evidence of completed employee safety training shall be provided to the Village and approved by the Village Manager, or his designee.
- O. Higher and More Expansive Standard Applicable: To the extent other insurance requirements of the contract documents contradict this Paragraph 13, the more expansive and higher standard, in terms of type and amount of coverage, shall govern.

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14. Indemnity:

- A. To the fullest extent permitted by law, the Contractor 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 Contractor, its employees, or subcontractors, 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 Contractor 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 Contractor shall, at its own expense, satisfy and discharge the same.
- B. Contractor expressly understands and agrees that any performance bond or insurance policies required by this Contract, or otherwise provided by the Contractor, 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. Contractor further agrees that to the extent that money is due the Contractor 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 Contractor, its officers, directors, employees and subcontractors (collectively, Contractor) 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 Contractor 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.
- F. The provisions of this Paragraph 14 shall survive any termination of the Contract.

15. Village Confidential Information:

- A. Contractor 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 15 shall survive any termination of the Contract.

16. Professional Standard: The Contractor hereby covenants and agrees that the Contractor will perform all Services described in this Agreement in accordance with the Professional Standard. In connection with the execution of this Agreement, the Contractor warrants and represents as follows:

- A. Feasibility of Performance. The Contractor (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.

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- B. Ability to Perform: The Contractor hereby represents and warrants to the Village, with the intention that the Village rely thereon in entering into this Agreement, that: (a) the Contractor is financially solvent; (b) the Contractor, 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 Contractor possesses and will keep in force all required licenses, permits and accreditations to perform the Services; (d) the Contractor 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 Contractor's behalf and to bind the Contractor hereto; and (f) the Contractor 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 Contractor 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 Contractor 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: Contractor certifies that it is not delinquent in payment of any taxes to Illinois Department of Revenue.
- F. Debarment. The Contractor 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 Contractor will not knowingly use the services of any related party barred or ineligible for contracts by any federal, state or local governmental agency or applicable Laws for any purpose in the performance of the Services.
- G. Interest of members of the Village: Contractor 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 Contractor shall take appropriate steps to assure compliance.
- H. Interest of Professional Services Provider and Employees: Contractor 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 Contractor Services hereunder. The Contractor further covenants that in the performance of this Agreement, no person having such interest shall be employed.
17. No Conflicts of Interest: The Contractor warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for the Contractor, 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 Contractor, 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.
18. Compliance with Laws: Contractor shall comply with all 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. Contractor shall comply with all applicable laws, regulations, and rules promulgated by any Federal, State, County, Municipal and/or other governmental unit or regulatory body now in effect or which may be in effect during the performance of the Work. Included within the scope of the laws, regulations, and rules referred to in this paragraph, but in no way to operate as a limitation, are: Occupational

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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 Employment of Illinois Workers on Public Works Act, 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 Contractor if requested by the Village.

19. Equal Employment Opportunity: The Contractor shall be an “equal opportunity employer” as defined in the United States Code Annotated. The Contractor shall be required to comply with the President’s Executive Order No. 11246, as amended, and the requirements for Bidders and Contractors under this order are explained in 41 CFR 60-4. The Contractor shall fully comply with all applicable provisions of the Illinois Human Rights Act.
20. Certifications: By the execution of this Agreement, the Contractor certifies that: (1) the Contractor 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 Contractor 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 Contractor shall 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 Contractor 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 Contractor 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).
21. Project Documentation: Upon execution of this Agreement relative to the Project, notwithstanding anything contained in any other Contract Documents to the contrary, the Contractor and its subcontractors 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 Contractor t and/or its subcontractors, 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 Contractor and its subcontractors 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 Contractor, but the Village agrees to waive any claim against the Contractor arising from any unauthorized reuse or modification of the Project Documentation.
22. Independent Contractor: It is mutually understood and agreed that the Contractor 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 Contractor or his/its employees, representatives or Subcontractor’s are in no sense employees of the Village, it being specifically agreed that in respect to the Village, the Contractor and any party employed by the Contractor bears the relationship to the Village of an independent contractor.
23. Prevailing Wage Act Notice [Check box that applies]:
 - The Illinois Prevailing Wage Act (820 ILCS 130/01, et seq.) does not apply to this Contract.
 - The Illinois Prevailing Wage Act (820 ILCS 130/01, et seq.) does apply to this Contract.

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This Contract calls for the construction of a “public work”, within the meaning of the Illinois Prevailing Wage Act, 820 ILCS 130/.01, et seq. (“the Act”). The Act requires contractors and subcontractors to pay laborers, workers and mechanics performing services on public works projects no less than the current “prevailing rate of wages” (hourly cash wages plus amount for fringe benefits) in the county where the work is performed. The Illinois Department of Labor (“IDOL”) publishes the prevailing wage rates on its website at <http://labor.illinois.gov/>. The IDOL may revise the prevailing wage rates from time to time and the contractor/subcontractor has an obligation to check the IDOL’s website for revisions to prevailing wage rates and comply with the most current prevailing wage rates. For information regarding current prevailing wage rates, please refer to the IDOL website. All contractors and subcontractors rendering services under this contract must comply with all requirements of the Act, including but not limited to, all wage requirements and notice and record keeping duties, including but not limited to each contractor and subcontractor who participates in public works to file with the Illinois Department of Labor (IDOL) certified payroll for those calendar months during which work on a public works project has occurred. The Act requires certified payroll to be filed with IDOL no later than the 15th day of each calendar month for the immediately preceding month through the Illinois Prevailing Wage Portal—an electronic database IDOL has established for collecting and retaining certified payroll. The Portal may be accessed using this link: <https://www2.illinois.gov/idol/Laws-Rules/CONMED/Pages/Prevailing-Wage-Portal.aspx>. The Village reserves the right to withhold payment due to Contractor until Contractor and its subcontractors display compliance with this provision of the Act. The Contractor shall also pay prevailing wages at rates not less than those prevailing under Davis-Bacon Wage Act Provisions as determined by the U.S. Department of Labor to all laborers, workmen and mechanics performing work under this Contract, if such Act is applicable, and, in such event, the more restrictive (i.e., higher) prevailing wage requirements shall be applicable.

24. Employment of Illinois Workers on Public Works Act: This contract is subject to the Illinois Preference Act (30 ILCS 570) since this fixed work construction or improvement is funded or financed in whole or in part with State funds or funds administered by the State of Illinois. Contractors on state public works projects are required to employ a workforce that is comprised of at least 90% Illinois residents during periods of excessive unemployment, which occurs when the level of unemployment in Illinois has exceeded 5% for at least 2 consecutive months. An “Illinois laborer” is defined as any person who has resided in Illinois for at least 30 days and intends to become or remain an Illinois resident. The Contractor shall require all subcontractors (if any) to conform with said laws, and any rules or regulations now and thereafter issued pursuant to said laws by Contractor, his subcontractors, and/or anyone working through or on behalf of Contractor or Contractor’s subcontractors.
25. Warranty and Guarantee: In addition to any manufacturer’s warranty(ies) on materials, parts and/or equipment to be supplied pursuant to the Contract Documents, the Contractor warrants and guarantees that for a period of one (1) year from the date of substantial completion of the Project that the completed Project shall be free from all defects and deficiencies due to faulty equipment, materials or workmanship, and/or because they do not comply with the Contract Documents, all as shall be determined solely by the Village, and the Contractor shall promptly correct, repair, and/or replace any and all such equipment, materials and/or Work which has been determined by the Village to be defective, deficient, and/or not in compliance with the Contract Documents including, but not limited to, the repairs of any resulting damage to other parts of the Project. In the event that the Contractor should fail to make such correction(s), repair(s), and/or replacement(s) (“remedial work”) that the Village has determined to be necessary to remedy such defects, deficiencies, and/or non-compliance with the Contract Documents, the Village may do so, and the Contractor shall be liable for all damages as provided by law, including but not limited to any costs incurred by the Village for any such remedial work. The Performance and Payment Bond, if one is applicable, shall remain in full force and effect through the warranty/guarantee period.

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26. Standard Specifications:

- A. If applicable, all Work performed by Contractor that is associated with the fulfillment of this Agreement and/or the related Purchaser Order/Contract shall conform to the terms of the latest edition of the Illinois Department of Transportation (“IDOT”) Standard Specifications for Road and Bridge Construction where this document is otherwise silent. The applicable Standard Specifications, as herein specified, shall apply to all work and materials performed under this Contract unless revised by the Specifications, also herein included as part of the Contract Documents.
- B. If applicable, through the course of the Project, the Contractor shall be responsible for the maintenance of traffic through and around the zone of work consistent with Section 648 of the IDOT Standard Specifications for Road and Bridge Construction. The cost for this activity shall be considered incidental to the cost of the improvement.
- C. If applicable, all traffic control measures employed during the term of this contract shall be in accordance with the applicable sections of the IDOT Standard Specifications, the Supplemental Specifications, and the “Illinois Manual Uniform Traffic Control Devices for Streets and Highways”.

27. Permitted Hours of Work: All construction activity shall be permitted only during the following work hours: a ten (10) hour period from 7:00 A.M. until 5:00 P.M. on weekdays; Saturday work is permitted after 8:00 A.M. until 5:00 P.M., provided that the Contractor has made prior arrangements with representatives of the Village; and work shall not occur on Sundays or Holidays, except s specifically authorized by the Village in writing,

28. Restoration of Work Site: The Contractor shall be obligated to remove all debris from the Work site at the Contractor’s expense. The Contractor shall, at its sole cost and expense, as part of the Work required by this Agreement and the related Contract, replace and restore any grass, vegetation or plantings disturbed or removed by the Contractor, to their condition before the performance of the Work, and such removal shall only occur after approval in advance in writing by the Village’s designee. Without limiting the generality of the foregoing, the Contractor shall be obligated to: (1) re-grade and re-seed the ground surface, (2) replace any damaged vegetation, other than trees and bushes removed pursuant to the authority of the Village’s designee, with new plantings of good health and quality with species consistent with the recommendation of the Village’s designee, and (3) repair any damage to any paved surfaces disturbed by the Work. While the Work is in progress and until all required restoration work is completed, the Contractor shall comply with customary and usual initial erosion practices consistent with good engineering procedures and the requirements of all applicable ordinances.

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

30. Duration: This Contract shall be in effect from the date of this Contract until the completion of the Work, but the obligations of the Contractor under the Paragraphs 14 and 15 hereof shall continue after such termination.

31. Advertisement: The Contractor 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.

32. Amendments: No agreement or understanding to modify the Contract or the related Contract Documents shall be binding upon the Village unless such amendment is in writing and signed by the Village’s authorized agent.

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All specifications, drawings, and data submitted to the Contractor with this Agreement or the related Contract Documents are hereby incorporated and made part thereof.

33. Termination: The following shall constitute events of default under this Agreement and the related Contract: a) any material misrepresentation made by the Contractor to the Village, b) any failure by the Contractor to perform any of its obligations under this Contract including, but not limited to, the following: (i) failure to commence performance of this Contract at the time specified in the Contract due to a reason or circumstance within the reasonable control of the Contractor, (ii) failure to perform this Contract with sufficient personnel and equipment or with sufficient material to ensure the completion of this Contract within the specified time due (i.e., by the Completion Date) to a reason or circumstance within the Contractor's reasonable control, (iii) failure to perform this Contract in a manner reasonably satisfactory to the Village, (iv) failure to promptly re-do or re-perform within reasonable time the services that were rejected by the Village as erroneous or unsatisfactory, (v) failure to comply with a material term of this Contract, (vi) failure of the Contractor to completely furnish the contracted goods or services to the Village within the time period specified by the Contract Documents; (vii) any breach or violation of Contractor or its employees, or agents, of its obligations under the Village Confidential Information provisions of Paragraph 23 of this Agreement; and (viii) any other acts specifically and expressly stated in this Contract as constituting a basis for termination for cause. At least ten (10) days prior to the date that the Contractor shall be declared in default of the Contract, the Village shall give written notice by certified mail to the Contractor. This notice shall state the reasons that the Contractor is being declared in default of the Contract. Failure by the Contractor to correct the stated deficiencies within the notice period shall result in the Contractor being declared in default of the Contract. Issuance of the notice by the Village shall be an indication of the intentions of the Village to take the work out of the hands of the Contractor and to hire others to complete the defaulted work. Upon default, the Contractor shall be liable for all damages sustained by the Village as provided by law as a result of such default, including but not limited to all costs incurred by the Village to fully complete all the work specified in the Contract Documents and all expense of every kind incurred by the Village in remedying any defect(s) and/or deficiency(ies), or failure by the Contractor to conform to the Contract Documents and any such costs incurred by the Village may also be paid by the Village out of such monies as otherwise may be due or otherwise may become due to said Contractor pursuant to the Contract Documents. Notwithstanding any other provision hereof, the Village may terminate the Agreement in the event of a default by the Contractor or without cause at any time upon 15 days prior written notice to the Contractor. In the event that the Agreement is so terminated and the Contractor is not in default or breach of this Agreement, the Contractor 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 Contractor's Proposal.
34. 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

To the Contractor:

Name: Ryan Hill
Airy's, Inc.
7455 W. Duvan Drive
Tinley Park, IL, 60477
Telephone: (708) 429-0660

1464029-01-14-16

Email: pmclaughlin@orlandpark.org

e-mail: Ryan.Hill@Airys.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.

35. Illinois Freedom of Information Act: The Contractor agrees to maintain all records and documents for projects of the Village of Orland Park in compliance with the Freedom of Information Act (FOIA), 5ILCS 140/4 et seq. In addition, Contractor shall produce, without cost to the Village, records which are responsive to a request received by the Village under the FOIA so that the Village may provide records to those requesting them within the timeframes required. If additional time is necessary to compile records in response to a request, then Contractor shall so notify the Village and if possible, the Village shall request an extension so as to comply with the FOIA. In the event that the Village is found to have not complied with the FOIA, based upon Contractor's failure to produce documents or otherwise appropriately respond to a request under the FOIA, then Contractor shall indemnify and hold harmless, and pay all amounts determined to be due including but not limited to fines, costs, attorney fees and penalties
36. 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.
37. 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.
38. 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.
39. Counterparts: This Agreement may be executed in one or more counterparts, which counterparts when affixed together, shall constitute one and the same original document.
40. 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.
41. 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. The parties do not intend to confer any benefit hereunder on any person, firm or corporation other than the parties hereto.

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

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Airy's, Inc.

VILLAGE OF ORLAND PARK

E-SIGNED by Ryan Hill
By: on 2025-07-23 18:51:32 GMT

E-SIGNED by George Koczwar
By: on 2025-07-23 20:24:07 GMT

Name: Ryan Hill

Name: George Koczwar

Its President

& Authorized Agent

Title: Village Manager

EXHIBIT A
[ATTACH]
Scope of Work as set forth in Contractor's Proposal dated June 18, 2025
or Village ITB 25-037 dated June 18, 2025

EXHIBIT B
[ATTACH IF REQUIRED]
Schedule of Fees

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Exhibit A

BIDDER SUMMARY SHEET
ITB #25-037
2025 Sanitary Manhole Rehabilitation Program

Business Name: Aiky's, Inc.
Street Address: 21825 Cherry Hill Road
City, State, Zip: Joliet, IL. 60433
Contact Name: Stuart Belm
Title: Secretary
Phone: 708.429.0660 Fax: 815.384.6068
E-Mail address: estimating@aikys.com

Price Proposal

GRAND TOTAL BID PRICE \$ 368,974-

AUTHORIZATION & SIGNATURE

Name of Authorized Signee: Ryan Hill
Signature of Authorized Signee: 
Title: President Date: 6/18/2025



ORLAND PARK
Unit Price Sheet
ITB #25-037

2025 Sanitary Manhole Rehabilitation Program

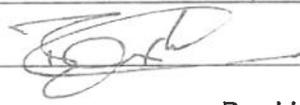
Proposer agrees to furnish to the VILLAGE all necessary materials, equipment, labor, etc. to complete the PROJECT in accordance with provisions, instructions, and specifications of the VILLAGE for the prices as follows:

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	Cost
1	Replace Frame & Cover (Paved)	2	EACH	\$ 3,190.00	\$ 6,380.00
2	Replace Frame & Cover (Unpaved)	6	EACH	\$ 2,525.00	\$ 15,150.00
3	Replace Frame & Bolted Cover (Paved)	1	EACH	\$ 2,455.00	\$ 2,455.00
4	Replace Frame & Bolted Cover (Unpaved)	2	EACH	\$ 2,715.00	\$ 5,430.00
5	Seal & Adjust Manhole Frame (Paved)	32	EACH	\$ 2,695.00	\$ 86,240.00
6	Seal & Adjust Manhole Frame (Unpaved)	26	EACH	\$ 2,050.00	\$ 53,300.00
7	Internal Chimney Seal	2	EACH	\$ 955.00	\$ 1,910.00
8	Cementitious Manhole Sealing, 48" Dia.	200	VF	\$ 315.00	\$ 63,000.00
9	Epoxy Coating	10	VF	\$ 395.00	\$ 3,950.00
10	Grout Wall Joints	39	EACH	\$ 825.00	\$ 32,175.00
11	Grout Bottom 18"	15	EACH	\$ 1,390.00	\$ 20,850.00
12	Curtain Grout Manhole	16	EACH	\$ 2,570.00	\$ 41,120.00
13	Repair Bench & Trough	1	EACH	\$ 2,714.00	\$ 2,714.00
14	Install Barrel Section	1	EACH	\$ 4,460.00	\$ 4,460.00
15	Vacuum Testing	5	EACH	\$ 695.00	\$ 3,475.00
16	Plug Pipe with Mechanical Plug and Concrete	1	EACH	\$ 1,365.00	\$ 1,365.00
17	Items Ordered by Engineer	25,000	DOLLAR	\$ 1.00	\$ 25,000.00
*GRAND TOTAL BID PRICE					\$ 368,974.00

*Please enter Total Cost on Bidder Summary Sheet

Proposer: Ryan Hill

Firm Name: Airy's, Inc.

Signed: 

Title: President

Dated: 1 6/18/2025

06/18/2025
E25-202-1
*** Stuart Jelm

8:29
2025 Sanitary MH Rehab, Orland Park

BID TOTALS

<u>Biditem</u>	<u>Description</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Bid Total</u>
10	Replace Frame & Cover (Paved)	2.000	EA	3,190.00	6,380.00
20	Replace Frame & Cover (Unpaved)	6.000	EA	2,525.00	15,150.00
30	Replace Frame & Bolted Cover (Paved)	1.000	EA	2,455.00	2,455.00
40	Replace Frame & Bolted Cover (Unpaved)	2.000	EA	2,715.00	5,430.00
50	Seal & Adjust Manhole Frame (Paved)	32.000	EA	2,695.00	86,240.00
60	Seal & Adjust Manhole Frame (Unpaved)	26.000	EA	2,050.00	53,300.00
70	Internal Chimney Seal	2.000	EA	955.00	1,910.00
80	Cementitious Manhole Sealing, 48" Dia.	200.000	VF	315.00	63,000.00
90	Epoxy Coating	10.000	VF	395.00	3,950.00
100	Grout Wall Joints	39.000	EA	825.00	32,175.00
110	Grout Bottom 18"	15.000	EA	1,390.00	20,850.00
120	Curtain Grout Manhole	16.000	EA	2,570.00	41,120.00
130	Repair Bench and Trough	1.000	EA	2,714.00	2,714.00
140	Install Barrel Section	1.000	EA	4,460.00	4,460.00
150	Vacuum Testing	5.000	EA	695.00	3,475.00
160	Plug Pipe with Mechanical Plug and Concrete	1.000	EA	1,365.00	1,365.00
170	Items Ordered by Engineer	25,000.000	DOLL	1.00	25,000.00

Bid Total \Longrightarrow \$368,974.00

Exhibit A
ITB #25-037
2025 Sanitary Manhole Rehabilitation Program

2025 SANITARY MANHOLE REHABILITATION PROGRAM

VILLAGE OF ORLAND PARK

ILLINOIS

JUNE 2025

I hereby state that these Contract Documents were prepared under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Illinois



K. S. Archana

(Expiration Date: November 30th, 2025)

Professional Design Firm Registration 184.000813-0002 (Expiration Date: April 30th, 2027)

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PROJECT SPECIAL PROVISIONS
FOR
2025 SANITARY MANHOLE REHABILITATION PROGRAM

STANDARDS

Construction provisions shall follow the "Standard Specifications for Road and Bridge Construction", adopted January 1, 2022 (referred to hereinafter as the Standard Specifications); the "Supplemental Specifications and Recurring Special Provisions", adopted January 1, 2025; the latest edition of the "Illinois Manual on Uniform Traffic Control Devices For Streets and Highways" (MUTCD); the "Standard Specifications for Water and Sewer Construction in Illinois", (referred to hereinafter as the Water and Sewer Specifications), latest edition; American Water Works Association (AWWA); the VILLAGE's front end Contract Documents; VILLAGE Ordinances, which apply to and govern the proposed improvement project and in case of conflict with any part or parts of said specifications, the said Special Provisions shall take precedence and govern.

Any reference to standards throughout the plans or Special Provisions shall be interpreted as the latest standard of the Department of Transportation.

DEFINITIONS

Contractor. The individual, firm, partnership, joint venture, or corporation contracting with the Village of Orland Park for performance of the prescribed work.

Department, Owner or Village. The Village of Orland Park, Cook County, Illinois.

Engineer. The authorized representative of the Village of Orland Park in immediate charge of the engineering details of a construction project.

DESCRIPTION OF PROJECT

The project consists of the rehabilitation of approximately eighty three (83) sanitary manholes, which include sealing and adjusting manhole frames, replacing frames and covers, installing internal chimney seals, installing a barrel section and cone, grouting joints and full manholes, cementitious sealing, epoxy coating, repairing bench and trough, and all related work as further described in the Contract Documents.

GENERAL SPECIAL PROVISIONS

PROJECT TIMING

Construction is scheduled to begin upon the proper execution of the contract documents, which includes the submission of insurance and bonds. The substantial completion for the project shall be on or before **November 15, 2025**. The final completion for all other ancillary work, including landscaping restoration or plantings, not including any additional work, shall be completed and ready for final acceptance and payment on or before **December 15, 2025**.

CONSTRUCTION SCHEDULE

At the project pre-construction meeting, the Contractor shall submit for review and approval by the Engineer a detailed construction schedule that shall clearly indicate the sequential procedure of work proposed to be followed to complete the work as required by the contract documents. In preparing the construction schedule, the Contractor shall follow the required completion date, calendar days, or additional Special Provisions as specified relating to the construction schedule.

The construction schedule shall depict all work components and essential activities, the time required for the completion of each of the activities, and the sequence and interdependence of each of the activities in a project timetable which will translate each project day into an ordinary calendar day. The Contractor shall maintain the construction schedule and shall submit an updated schedule to the Engineer on a weekly, biweekly, or monthly basis as determined by the Engineer. No separate payment will be made to the Contractor for the creation and maintenance of the construction schedule.

The Village provides the public with construction schedule and project status through the Village's web page. The Contractor shall provide construction-related information in a format consisting of an E-mail, letter, or fax acceptable to the Engineer. The Contractor shall assume that this information shall be provided on a weekly basis during construction and may change to a shorter time frame based on construction activity changes or a longer time frame based on construction inactivity. The Engineer shall determine the time frame and format to be provided by the Contractor.

PERMITTING

The MWRD NRI permit has been applied for and is awaiting approval.

UTILITY LOCATION

The Contractor must exercise extreme caution while working around existing utilities. The Contractor shall notify JULIE (1-800-892-0123), a minimum of forty-eight (48) hours before commencing construction for utility locations within the scope of the project. It is recommended that the Contractor conduct a joint utility meet. It is the responsibility of the Contractor to contact all agencies who may or may not be part of the JULIE system to verify the location of their facilities.

The Village does not guarantee the accuracy or completeness of this information. The Contractor shall make his own investigation to determine the existence, nature, and location of all utility lines and appurtenances within the limits of the improvement. The Contractor shall locate all utilities far enough in advance to avoid all conflicts in grade separation between existing utilities and the proposed improvements. If the Contractor encounters a conflict between the proposed improvements and existing utility that was not located in advance by the Contractor, then the Contractor shall, at no cost to the Village, relocate the proposed improvements and/or the utility to avoid the conflict.

The Contractor will be required to cooperate with all utility companies involved in connection with the removal, temporary relocation, reconstruction, or abandonment by these companies of any and all services or facilities owned or operated by them within the limits of this improvement.

Before doing any work which will damage, disturb, or leave unsupported or unprotected any utility lines, or appurtenances encountered, the Contractor shall notify the respective Owner thereof, who will make all arrangements for relocating, adjusting, or otherwise maintaining or abandoning service on lines that fall within the limits of the proposed construction without cost to the Contractor, including the removal of all cables, manhole covers, and other appurtenances which the Owner desires to salvage. After such arrangements have been made, the Contractor will proceed with the work as directed by the Engineer. All utility lines and appurtenances which are abandoned by the Owner shall be removed and disposed of by the Contractor.

No extra compensation will be allowed to the Contractor for any expense incurred by complying with these requirements or because of delays, inconvenience, or interruptions in his work resulting from the failure of any utility company to remove, relocate, reconstruct, or abandon their services. The Contractor shall be responsible for prompt and timely removal, relocation, reconstruction, or abandonment of their facilities by all utility companies involved, and the coordination of his own work with that of these companies to end that work on this improvement is not delayed because of necessary changes in the existing utilities,

public or private.

CONSTRUCTION OPERATIONS

In order to minimize the effect of construction noise on the area surrounding the improvement, the Contractor and his subcontractors shall comply with the following requirements. Any changes to this schedule will not be accepted unless approved by the Engineer.

- All engines and engine driven equipment used for hauling or construction shall be equipped with an adequate muffler in constant operation and properly maintained to prevent excessive or unusual noises. Any machine or device or part there of which is regulated by or becomes regulated by Federal or State of Illinois noise standard shall conform to those standards.
- Construction operations shall be confined to the daylight hours between 7:00 AM and 5:00 PM Monday through Saturday. No work of any kind shall be done on Sundays in residential areas unless previously approved by the Village. These time restrictions shall not apply to maintenance or operation of safety and traffic control devices such as barricades, signs, and lighting, or to construction of an emergency nature. If the Contractor requires additional time to complete a portion of the work on any given day or if he foresees the need to work extended hours for a number of days to comply with the construction schedule, he must receive the approval of the Engineer.
- The Contractor shall take all precautions necessary to protect the general public and his employees from hazardous locations that might occur within the limits of the improvements. **The Village is not responsible for site safety. The Bidder is solely and exclusively responsible for construction means, methods, technologies, and site safety.**
- It shall be the Contractor's responsibility to protect open cut trenches as may be required by OSHA, Illinois Department of Labor, State, or Federal Law. Trenches in pavements or in close proximity to the improved streets or roadways shall be sheeted or braced in a substantial and effective manner. Sheeting may be removed after backfilling has been completed to such an elevation as to permit its safe removal. Sheeting and bracing left in place must be removed for a distance of 3 feet below the established street grade. The cost of furnishing, placing, and removing sheeting and/or bracing shall be incidental to construction and included in the contract unit price for the work being done.
- The Contractor shall schedule and conduct his operations so that the closure

time of existing driveways along the route of the improvement is kept to a minimum. All homeowners shall be given a minimum twenty-four (24) hours written notice prior to initial removal of their driveway apron. The Contractor shall make every effort to keep driveways open including temporary grading and placement of gravel.

- Beginning on the date that the Contractor begins work on this project, he shall assume responsibility for normal maintenance of all existing roadways within the limits of the improvement. This normal maintenance shall include all repair work deemed necessary by the Engineer. Traffic control and protection for this work will be provided by the Contractor as required by the Engineer. The work involved in maintaining the existing pavement and shoulders will not be paid for separately at the contract unit prices for the various items of work involved, unless otherwise specified elsewhere in these Special Provisions.
- If items of work have not been provided for in the Contract, or are not otherwise specified for payment, such items will be paid for in accordance with Article 109.04 of the Standard Specifications.

MOBILIZATION

Mobilization shall be according to Section 671 of the Standard Specifications except as modified herein.

Revise Article 671.02, Basis of Payment, to read:

"671.02Basis of Payment. Mobilization will not be paid for separately but shall be included in the unit bid prices of the items for which this work applies."

INSPECTION

All phases of the improvements will be subject to inspection by representatives of the Village's Engineering and Public Works Department, or Village authorized Consulting Engineer. Projects will not be accepted by the Village without the final approval of the Village's Engineering and Public Works Department.

The Contractor shall be bound by these specifications and by all Village ordinances and codes.

TRAFFIC CONTROL AND PROTECTION

The traffic control and protection for this project shall be performed in accordance with the included traffic control plans and Sections 701 Traffic Control and 702 Traffic Control Devices of the Illinois Department of Transportation "Standard Specifications for Road and Bridge Construction," latest edition and the requirements stated herein. The number, type, color, size and placement of all traffic control devices shall be according to the Illinois Department of Transportation's "Manual on the Uniform Traffic Control Devices for Streets and Highways" and the Illinois Department of Transportation's "Quality Standard for Work Zone Traffic Control Devices." The Contractor shall provide all coordination with the Village for this item.

Special attention is called to Articles 107.09 and 107.14 of the Standard Specifications, Section 701 of the Standard Specifications, and the following Highway Standards latest version:

- 701801: Sidewalk, Corner or Crosswalk Closure
- 701901: Traffic Control Devices
- 704001: Temporary Concrete Barrier
- 782006: Guardrail and Barrier Wall Reflector Mounting
- Flaggers in Work Zones (LRS 4)
- B.L.R. 21-9: Typical Application of Traffic Control Devices on Rural Local Highways

Seventy-two (72) hours prior to closing of a traffic lane, the Contractor shall notify responsible municipal and county authorities and obtain all permits (if required) and then comply with all regulations for erecting barricades and warning signs and maintain them during the execution of the work.

Traffic control and safety shall be as specified under Section 648 of the Illinois Department of Transportation "Standard Specifications for Road and Bridge Construction in Illinois," latest edition.

Contractor shall provide a Traffic Control Plan for approval by the Village as part of the submittals.

The Contractor shall provide names and phone numbers of the individuals who can be contacted on a twenty-four (24) hour basis to handle barricading or other problems relating to the construction activity. These emergency response people shall be capable of responding within one (1) hour after notification by the Owner. If there has been no response within one (1) hour after notification, the Village will respond at a cost of \$100.00 per hour (minimum charge of two (2) hours plus materials). This charge will be deducted from payments to the Contractor.

At all times during which men/women are working where two (2) way traffic is to be maintained over one (1) lane of pavement, the Contractor shall furnish certified flagmen to protect his workmen and to warn and direct traffic. Two (2) flagmen will be required for each separate operation. Barricades used for channelization or delineation and warning signs shall be sequentially placed in the direction of the traffic flow and removed in reverse order. Lane closure signs and flagmen signs shall be erected prior to barricades and/or cones. The signs shall remain erected until such time as all traffic control devices have been removed from the pavement.

Vehicular access to all private driveways and all local streets shall be maintained throughout the Contract. All homeowners shall have access to their driveways each evening, except during concrete driveway paving and concrete sidewalk construction across a driveway. The contractor is to be aware of residents with special needs and provide accommodation accordingly.

If Contractor's work is anticipated to obstruct access to a facility, Contractor is responsible for notifying the affected property forty-eight (48) hours in advance.

This work shall be considered incidental to the Contract and shall not be compensated for separately.

HOLIDAYS

Revise the list of legal holidays in Article 107.09 of the Standard Specifications to read:

New Year's Day	Thanksgiving Day
Easter	<u>Thanksgiving Friday</u>
Memorial Day	<u>Christmas Eve</u>
Independence Day	Christmas Day
Labor Day	<u>New Year's Eve</u>

PUBLIC CONVENIENCE AND SAFETY (D-1)

Effective: May 1, 2016

Revised: July 15, 2016

Add the following to the end of the fourth paragraph of Article 107.09:

"If the holiday is on a Saturday or Sunday, and is legally observed on a Friday or Monday, the length of Holiday Period for Monday or Friday shall apply."

Add the following sentence after the Holiday Period table in the fourth paragraph of Article 107.09:

“The Length of Holiday Period for Thanksgiving shall be from 5:00 AM the Wednesday prior to 11:59 PM the Sunday After”

MAINTENANCE GUARANTEE

The Contractor shall execute and deliver to the Village, before final payment will be issued, a written warranty, in a form satisfactory to the Village, which guarantees that the work is in accordance with the Contract Documents and will not be defective. This warranty shall guarantee this work for a period of one (1) year from the date of acceptance of the work and final payment by the Village.

The Contractor shall furnish a warranty bond in an amount equal to ten percent (10%) of the contract amount, by a surety satisfactory to the Village to guarantee Contractor's warranty to repair defective work.

If within the guarantee period, any work is found to be defective, as determined by the Village, the Contractor shall promptly and without cost to the Village, correct or repair such defective work, or remove and replace the defective work in accordance with the Special Provisions for the items in question.

CONSTRUCTION SAFETY AND HEALTH STANDARDS

It is a condition of this contract and shall be made a condition of each subcontract entered into pursuant to this contract that the Contractor and any Subcontractor shall not require any laborer or mechanic employed in performance of that contract to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous to their health or safety, as determined under Federal Construction Safety and Health Standards.

RESPONSIBILITY FOR VANDALISM

The contractor shall be responsible for the defacement of any concrete pours before they have been set up. Concrete pavement, sidewalk, driveway, or curbing that has been defaced, in the opinion of the Engineer, shall be removed and replaced by the contractor at the Contractor's own expense.

SHOP DRAWINGS AND SUBMITTALS

Prior to fabrication of materials, the Contractor shall submit shop drawings of the materials to the Engineer for review. Shop drawings shall consist of complete descriptive literature on the materials including all pertinent dimensions, material specifications, and data. Prior to submitting shop drawings to the Engineer, the Contractor shall first review the shop drawings and make corrections or revisions which are appropriate. The Contractor shall be required to maintain a complete set of shop drawings on the job site at all times while work is in progress and shall make them available to the Engineer upon request.

Provide complete copies of required submittals and deliver to the Engineer as follows:

1. Construction progress schedule: one (1) electronic copy
 - a. Initial work schedule
 - b. Revisions to work schedule
2. Traffic control plan: one (1) electronic copy
3. Pre-construction surface televising: one (1) electronic copy
4. Material Data Sheet Submittals: one (1) electronic copy. All materials data sheets are to be submitted to the Engineer and approved before rehabilitation can proceed.
 - a. Manhole Rehabilitation Material Data Sheets
 - Manhole Castings Data Sheets: All closed lids shall have the words "Village of Orland Park" and "SANITARY" cast into them as applicable. Casting shall be East Jordan 1020 AGS lid with seal and 1050Z1 frame. Bolted frame and cover shall be Neenah R1916-C or approved equal, and the word " Sanitary Sewer" cast into the lid.
 - External Chimney Seals:
 - Shall conform to ASTM C923 and shall be Infi-Shield Uni-bands, or approved equal.
 - WrapidSeal Canusa-CPS or approved equal.
 - b. Internal Chimney Seal: Flex-Seal Utility Sealant by Sealing Systems, Inc. or approved equal.
 - c. Manhole Grouting Data Sheets:

- Grout. Grouting installation shall conform to ASTM F2414-04. Grout shall be Avanti AV-100 or approved equal.
 - Severe Active Infiltration. Approved Materials to stop severe active infiltration are the following: Hydrostop-Flex 40/500; Avanti AV-100; Deneef Deneprox 40; or approved equal.
- d. Manhole Internal Coatings Material Data Sheets:
- Patching Material. The following are approved for patching material: Strong Seal QSR ; Quadex Hyperform; or approved equal.
 - Cementitious Coat. The following are approved for cementitious coat: Strong Seal High Performance Mix.
 - Visible Infiltration. Approved materials to stop visible infiltration are the following: Strong-Plug; Quadex Quad-Plug; or approved equal.
- e. Precast concrete Adjustment Rings: Shall conform to ASTM C478. Adjustment rings of uniform thickness shall be at least two (2) inches thick. The replacement precast grade adjustment shall provide a structural capacity equal to or greater than the existing specified manhole frame, and shall not affect the opening size or surface appearance.
- f. Barrel Section: Shall be precast concrete conforming to ASTM C478.
- g. Bitumastic Gasket Material: Shall meet or exceed Federal Specification SS-S-210A. Material shall be EZ-STIK or approved equal.
5. One (1) set of "red-line" field changes on construction plans.
6. Typical set-up for flow bypassing.
7. Other required submittals: one (1) electronic copy if required for review or record

This is a non-exhaustive list. The Contractor shall provide all shop drawings that are required in the specifications.

CLEAN UP

The cost of cleanup operations shall be spread evenly through the bid items on the

proposal. Clean up shall consist of removing all debris from the job site, and removal of all excess dirt, pipe pieces, lumber scraps, paper cups, etc., left by the Contractor's forces. Clean up shall be performed as the work progresses, and a final clean up shall be done after all operations are completed.

CONSTRUCTION DEBRIS

All spoil and waste materials must be removed from site and properly disposed. Disposal of all waste and spoil shall be considered incidental to the contract. For bidding purposes, it shall be assumed that all spoils are residential and can be disposed of at a CCDD landfill. Village will sign LPC-662 form to be prepared by Contractor. The contractor shall provide a representative soil sample for pH testing at the Village's lab. Removal of landscaping materials, and protection of the homeowners' property is considered a part of this contract and will be incidental to the contract pay items.

WATER USAGE

The Village will provide all water necessary for the contracted work at no cost to the Contractor.

The Village will provide a hydrant meter for the Contractor's use. The Contractor shall ensure that an approved backflow prevention device is installed between the hydrant and the jet truck supply hose. This backflow device shall be supplied by the Contractor. Additionally, the Contractor's vehicle must have a fixed air gap, or one (1) fabricated, in order to pass inspection. The Contractor will be held responsible for damage done to hydrants, water mains and other water appurtenances while securing water.

The Contractor shall provide monthly meter readings to the Village.

The Village will not make a final payment until the hydrant meter has been returned.

SEWER FLOW CONTROL

This work shall include control of sanitary sewer flow during manhole rehabilitation, and all other maintenance, inspection or construction activities. The Contractor shall be fully responsible for maintaining sewer service during these operations and shall not be allowed to backup or flood any sewer system user, building, or property. The Contractor shall be solely liable for property damages that result from the work being performed.

Since complete stoppage or bypassing of flow may be required during manhole rehabilitation work, the Contractor may be required to submit drawings and complete design data showing methods and equipment to be utilized in bypass and dewatering operations. The bypass plan shall include the following information:

1. Location of temporary sewer plugs and bypass discharge lines indicated on plans
2. Capacities of pumps, prime movers, and standby equipment
3. Type of standby power source
4. Traffic control plan

The Contractor shall indicate where and when flow bypassing is anticipated and provide a typical set-up as a submittal. When pumping and bypassing is required, the Contractor shall furnish all temporary pumps, conduits, and other equipment to divert the flow of sewage around the sewer section in which work is to be performed. The bypass system shall have sufficient capacity to handle existing flow plus additional flow that may occur during peak flow periods or from precipitation. The Contractor shall construct bypass system of material to prevent leakage during pumping operation.

The Contractor shall equip all engines with mufflers and/or enclose to keep noise level less than fifty (50) decibels, or ten (10) decibels above ambient noise levels when measured at building closest to noise source.

The Contractor shall maintain sufficient labor, equipment and materials on site to ensure continuous and successful operation of bypass and dewatering systems including the following:

1. Keep standby pumps fueled and operational at all times.
2. Maintain on site sufficient number of valves, tees, elbows, connections, tools, sewer plugs, piping, and other parts or system hardware to ensure immediate repair or modification of any part of system as necessary.
3. Provide piping, joints and accessories designed to withstand at least twice the maximum system pressure or fifty (50) psi (345 kPa), whichever is greater.

In areas where flows are bypassed, all discharge flow shall be returned to the sanitary sewer. No bypassing to ground surface, receiving waters, storm drains, or bypassing which results in groundwater contamination or potential health hazards shall be permitted.

In the event sewage is released into a storm drainage system or street, the Contractor shall immediately stop the release, notify IEPA, and take all necessary actions to clean up and disinfect spillage to satisfaction of the Engineer.

During plugging or bypass pumping operations the Contractor shall utilize sewer plugs specifically designed so that all or any portion of sewage can be released. During sewer flow control operations, reduce flow to comply with requirements as describe above. After cleaning, inspection, installation or rehabilitation work has been completed, restore the flow to normal. All plugging, bypass pumping and sewer flow control operations shall be considered incidental to the Contract and shall not be compensated for separately.

Basis of Payment. The cost of sewer flow control will not be paid separately but shall be considered as included in the unit bid prices of the contract, and additional compensation will not be allowed.

DATE OF MANUFACTURE

All manufactured materials furnished under this contract, including, but not limited to, pipe, drainage and utility structures, castings, fire hydrants, valves, stops, and fittings, shall have been manufactured no earlier than one (1) year before the date of installation.

PROTECTION OF EXISTING DRAINAGE FACILITIES DURING CONSTRUCTION

Unless otherwise noted in the contract plans, the existing drainage facilities shall remain in use during the period of construction.

Locations of existing drainage structures and sewers, if shown on the contract plans, are approximate. Prior to commencement of work, the Contractor, at his/her own expense, shall determine the exact location of existing structures which are within the proposed construction site.

All drainage structures are to be kept free from any debris resulting from construction operations. All work and materials necessary to prevent accumulation of debris in the drainage structure resulting from construction operations shall be removed at the Contractor's own expense, and no extra compensation will be allowed.

Unless reconstruction or adjustment of an existing manhole, catch basin, or inlet is called for in the contract plans or ordered by the Engineer, the proposed work shall meet the existing elevations of these structures. Should reconstruction or adjustment of a drainage structure be required by the Engineer in the field, the

necessary work and payment shall be done in accordance with Section 602 and Article 104.02 respectively, of the Standard Specifications.

Existing frames and grates are to remain unless otherwise noted in the contract plans or as directed by the Engineer. Frames and grates that are missing or damaged prior to construction shall be replaced. The type of replacements frame or grate shall be determined by the Engineer, and replacement and payment for same shall be in accordance with Section 604 and Article 104.02 respectively, of the Standard Specifications unless otherwise noted in the plans or special provisions.

RESTORATION - GENERAL

All damage to lawns shall be restored with topsoil and sod as shown on the Plans. All lawn restoration shall be considered incidental. To minimize damage to lawns, Contractor shall utilize Duramats or other means (protective pads) to buffer equipment traveling across private property. Any equipment required for construction work located on lawns must be rubber-tired or rubber-tracked vehicles only.

All work required to move or protect overhead wires and utility poles shall be considered incidental to the contract.

Any claims for additional work must be presented to the Engineer immediately. Failure of the contractor to notify the Engineer will be reason to deny any claims for extra work.

All work covered under this contract is subject to inspection by the Village of Orland Park and the Engineer.

The Contractor is responsible for coordinating access to manholes and sewers located in backyards with the homeowners and this work shall be incidental to the contract.

TOPSOIL FURNISH AND PLACE, 4"

This work shall be according to Article 211 of the Standard Specifications and the following:

The Contractor shall take precautions so as not to unnecessarily damage lawns. In areas that are designated to be restored with seed and blanket, the existing soil shall be shaped and graded. The area to be restored with seed and blanket shall then have a layer of good quality, pulverized topsoil which has been approved by

the Engineer prior to placement, spread and fine raked in such a manner as to result in a top dressing of the parkway having an average thickness of four inches (4") of topsoil.

Any excavation and grading of the parkway which is required to give a uniform slope from the limit of seed and blanket restoration to the top of the curb shall be included in this item. The Contractor shall be responsible for removing any weeds prior to the placement of the seed and blanket. The method of weed removal must be approved by the Engineer.

The topsoil and subgrade shall be thoroughly compacted along newly installed concrete or asphalt by a compaction method approved by the Engineer. If proper compaction is not achieved, the Engineer may direct the Contractor to remove any soil backfill that the Contractor has placed and replace it with a granular stone backfill.

Basis of Payment. This work shall be considered incidental to the Contract and shall not be compensated for separately.

SODDING

The purpose of this work is to restore the areas disturbed by construction and/or to provide proper drainage in the parkways. This work shall include restoring disturbed areas within the construction limits, removing excess backfill material, furnishing and placing topsoil in accordance with Section 211, compacting via jetting and grading to maintain positive slope, and sodding the areas in accordance with Section 252. Care should be taken to ensure proper compaction as the Contractor will be responsible for repair of any areas where settlement occurs.

Topsoil shall be a loamy mixture of black dirt having at least ninety percent (90%) passing a No. 10 sieve, and shall be free of large roots, brush, sticks, weeds, stones larger than one half (1/2) inch in diameter and any other litter. Topsoil, pH shall not be lower than 4.5 nor higher than 8.5 as determined in accordance with ASTM procedures for soil testing.

Fertilizer nutrients shall be applied in accordance with Section 252.03 of the Standard Specifications and shall be included.

The Contractor shall provide subsequent re-sodding until a satisfactory growth of grass is produced or if settlement occurs.

Basis of Payment. This work shall be considered incidental to the contract and will not be paid for separately.

P.C.C. DRIVEWAY PAVEMENT REMOVAL AND REPLACEMENT

This work includes the removal of existing concrete driveway pavement in accordance with Section 440 of the "Standard Specifications. This work also includes furnishing all materials, equipment, and labor necessary to install Portland Concrete Cement (PCC) Driveway Pavement in accordance with Section 423 of the "Standard Specifications".

All driveways shall be six inches (6") in thickness (with the exception of those that bear loads greater than passenger vehicles, which shall be eight inch (8") thickness) and reinforced by 6" x 6" #10/#10 welded wire fabric. All driveways shall be placed on a six inch (6") thick sub-base of coarse aggregate material gradation CA-6, which shall be considered incidental to this item.

Restoration shall be completed within five (5) days of completion of rehabilitation work on the driveways impacted by the point repairs.

Resident notification of work that will impact driveway aprons must be provided in writing a minimum of twenty-four (24) hours prior to the start of work. Contractor is responsible for coordinating homeowner access during the work and until restoration is completed.

The Contractor shall replace the entire driveway apron.

Winter protection shall be considered incidental to this item.

Basis of Payment: This work shall be considered incidental to the Contract and shall not be compensated for separately.

FULL DEPTH PATCHING, ASPHALT

This work shall be done in accordance with Article 442 (Class D Patches) of the Standard Specifications with the following inclusions:

Execution. Repairs that impact the roadway shall be restored with a full depth patch. The depth of patch shall include not less than ten (10") inches of compacted Aggregate Base Course meeting CA-6 specifications. The locations for FULL DEPTH PATCHING, ASPHALT, of the depth specified are as indicated on the plans and as directed by the Engineer. Typical cross-section details on these roads is currently unknown.

Basis of Payment. This work shall be considered incidental to the Contract and

shall not be compensated for separately.

COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT

This item shall include all labor, equipment, and material necessary for the removal and replacement of combination concrete curb and gutter in accordance with the applicable portions of Sections 606 and 440 of the "Standard Specifications" at the locations as designated by the plans or as directed by the Engineer. This item shall include the removal of the existing concrete curb and gutter and roadway necessary to install new combination concrete curb and gutter, of the same type as removed, or as directed by the Engineer. All new curbs shall be placed on a four inch (4") sub-base of coarse aggregate material gradation CA-6, which shall be considered incidental to this item. The aggregate sub-base shall extend to a point six inches (6") beyond the back of curb. Hot Mix Asphalt replacement will be required as a result of this work and shall be considered incidental to this item.

It shall be the Contractor's responsibility to provide curb depressions for private driveways and at locations where public sidewalks require ramping for pedestrian crossing. The depressions shall be constructed in compliance with the Accessibility Guidelines as detailed in the Americans with Disabilities Act (ADA).

Basis of Payment. This work shall be considered incidental to the Contract and shall not be compensated for separately.

PRE-CONSTRUCTION SURFACE TELEVISIONING

This work consists of performing color video and audio recording of the project area and other areas which may be impacted by construction, specifically excavation or any work that requires backyard access.

Preconstruction video recordings will include coverage of the project area and all other areas which may be impacted by construction. Video recordings will also include construction easements when applicable. Video recordings will provide a visual record of all physical features within those areas, including, but not limited to, roadways, pavements, curbs, gutters, driveways, driveway aprons, sidewalks, carriage walks, parkways, trees, landscaping, shrubbery, plantings, landscaping walls, retaining walls, signs, sign posts, fences, utility poles, light poles, utilities, equipment, manholes, b-boxes, cleanouts, valves, curb structures, pipelines, buildings, mailboxes, and any other features located within the project area.

Video recordings will begin with an audio narrative which provides the current date and time, the name of Owner and name of project, and a description of both

the starting location and the location or locations to be recorded, including street name or names, street addresses, and any additional information which may be necessary to describe the location and subject of viewing.

Video recordings will maintain viewer orientation by means of an audio commentary in the audio track of each video recording which provides an explanation of what is being viewed; and by videotaping landmarks and readily identifiable objects (property addresses, street signs, etc.) at appropriate intervals.

Preconstruction surface televising will be recorded at a rate of travel not exceeding forty-eight (48) feet per minute and zooming and panning rates will be controlled to provide clarity of features during playback. The finished product will be provided with bright, clear pictures and accurate colors free from distortion, tearing, rolls, or other forms of picture imperfection. The audio will have proper volume and clarity. All recordings will be performed at times of satisfactory visibility, and when no more than ten percent of ground is obscured by snow, leaves, or other cover.

If any element within or portion of the project area is not adequately documented by the preconstruction surface televising so as to definitively demonstrate its condition prior to the start of construction, Contractor will assume responsibility for the repair, restoration or replacement of that element or portion of the project area. Such repair, restoration or replacement will be to equal or better condition than previously existing and will further comply with all standards and provisions which govern the work in question.

Schedule. Pre-construction surface televising will be performed according to the following schedule:

- a. Pre-construction surface televising will take place after a Notice to Proceed has been issued.
- b. Pre-construction surface televising will take place after the Joint Utility Locating Information for Excavators (JULIE) request for the project area has cleared.
- c. Pre-construction surface televising will take place before any equipment, materials, or other items are delivered to the site.
- d. Pre-construction surface televising will take place no more than fourteen (14) chargeable days prior to the start of construction.
- e. The required pre-construction surface televising deliverables will be submitted to the Engineer, and the Engineer will review and issue written approval of the video before any activity other than utility locating will be

permitted to start. Such activity will include, but not be limited to, delivery of materials and equipment, installation of traffic control and erosion control, and completion of construction layout and tree protection. No days will be charged against the contract time while the video is under review by the Engineer, including the day the deliverables are submitted and the day a response is provided. If the video or any portions thereof are rejected, the contract time will commence to run until revisions are submitted.

- f. The televising will be submitted to Engineer for review prior to commencement of any construction and receive acceptance of recordings prior to commencement of construction. Any areas found not acceptable to the Owner will be re-filmed at no additional cost to the contract.

Deliverables.

Video will be high-definition, with a minimum resolution of 1280 x 720 pixels per frame. Video will be filmed in a landscape aspect ratio. Video filmed in a portrait aspect ratio will be considered unacceptable and will be rejected.

Pre-construction surface televising will be provided as electronic files of .avi, .mp4, .m4v, .mkv, .wmv, or .mpg file format, or of such other file format as may be approved by Engineer. Preconstruction video recordings will be provided as independent digital container format files, which container files will include all video, audio, and other electronic information necessary to view the preconstruction surface televising as intended.

Pre-construction surface televising electronic files will be provided on a portable electronic media device or devices of one (1) of the following types: USB flash drive, SD flash memory card, CF flash memory card, data DVD, external hard drive, or such other portable electronic media device as may be approved by Engineer. Pre-construction surface televising electronic files may also be provided via online file sharing, cloud storage, File Transfer Protocol (FTP), or other online or network file transfer methods if approved by Engineer.

Video DVD will be considered an unacceptable format for providing pre-construction surface televising and will be rejected.

Pre-construction surface televising electronic files will be accompanied by corresponding logs which document the dates, times, and locations covered by each preconstruction video recording electronic file.

Contractor shall maintain copies of all items submitted to Engineer for Contractor's own use and record.

Basis of Payment. This work shall be considered incidental to the contract and will

not be paid for separately.

ITEMS #1, #2, #3, &4: REPLACE FRAME & COVER/BOLTED COVER (PAVED AND UNPAVED)

Description. Where indicated on the plans, the existing manhole frame and cover shall be replaced with a new frame and cover by the Contractor. Also included in the REPLACE FRAME AND COVER bid item is the replacement of the adjustment and the installation of adjustment rings and an external chimney seal as described in the provision SEAL AND ADJUST MANHOLE FRAME.

The new frame and cover shall be the standard Village of Orland Park frame and cover, which is East Jordan 1022-3 cover and East Jordan #1050 frame, watertight lid with seal and the words "Village of Orland Park" and "Sanitary" cast onto the lid. Bolted frame and cover shall be Neenah R1916-C or approved equal, and the word "Sanitary Sewer" cast into the lid. The sanitary manhole lid shall be self-sealing solid lid with watertight gasket and concealed pick hole. Frames and adjusting rings shall be joined with preformed flexible joint sealant. The Contractor is required to measure each cover and frame that needs replacing to ensure proper fit. Where required, the existing manhole frame and cover shall be removed and returned to the Owner and a new manhole frame and cover installed and adjusted by the Contractor as directed by the Engineer.

The Contractor shall salvage all covers that are scheduled for replacement and return to Patrick McLaughlin at the Public Works Department.

Basis of Payment. This item shall be paid for at the Contract Unit Price per Each for REPLACE FRAME AND COVER of cover and restoration type specified (paved or non-paved) and shall include all work necessary for the complete installation of a new frame and cover including measurement, procurement, installation, replacement of adjustment, installation of external chimney seal, disposal of the original frame and cover, and restoration including but not limited to full Depth Patching, PCC Sidewalk, Seeding, Driveway Pavement and Curb and Gutter removal and replacement.

ITEMS #5 & #6: SEAL AND ADJUST MANHOLE FRAME (PAVED & UNPAVED)

Description. For all frame adjustment work including replacements, adjustments, realignments and raises, the manhole adjustment rings shall be removed, replaced and sealed per the following specification. The Contractor may not reuse existing concrete rings during frame adjustment work. Frames that are indicated for adjustment and not replacement shall be removed, cleaned and sealed in accordance with the following specification. External chimney seals shall be

included in this work. When the manhole is in the pavement, the Contractor shall be required to saw cut existing pavement to a minimum of a 5 foot by 5 foot square. This square cut shall allow for proper removal and replacement of the frame and adjustment rings and for the installation of external chimney seals.

The Contractor shall remove existing frame and cover, remove all gasket material between the cone, adjustment rings and frame, and shall wire brush clean all exposed surfaces. In addition, the Contractor shall dry all surfaces with a torch or other approved method. Existing manhole frames and covers in good condition will be cleaned and reinstalled unless specified elsewhere for replacement.

The Contractor shall remove all loose materials located at the top of the corbel and fill the voids.

Materials and Installation.

Adjustment rings. The Contractor shall replace all adjustment rings with new precast concrete rings and rubber composite adjustment rings depending on the height of adjustment as follows:

For height adjustment between two (2") and thirty (30") inches, the contractor shall use precast concrete adjustment rings and a rubber composite ring on top when in pavement. Precast concrete rings shall be 2", 3", 4", 6", or 12" and shall be installed concentrically above the manhole cone. In paved areas, the rubber composite ring shall be installed at the top of the adjustment and shall be at least two inches (2") thick. The rubber composite ring shall be EJ Infra-riser or approved equal.

The Contractor shall use the minimum number of rings possible for the adjustment. No shims or other leveling devices, other than leveling rings provided by the manufacturer, will be permitted.

Where manholes are to be raised more than thirty inches (30"), the Engineer shall be notified so the existing cone section can be removed, and a precast barrel section and a new precast cone shall be installed as described under the provision INSTALL BARREL SECTION, which will be paid for separately.

External chimney seal.

External chimney seals are to be installed for all frame adjustment work requiring excavation including adjustments, replacements, realignments and raises unless indicated otherwise by the Engineer. This external sealing system shall prevent leakage of water into the manhole through the frame joint adjustment area.

Two (2) types of external chimney seals will be used as directed by the Engineer.

The acceptable external chimney seals are:

- Infi-Shield Uni-bands, or approved equal.
- WrapidSeal Canusa-CPS or approved equal.

The Contractor shall have both types of approved seals onsite, so that where needed, a WrapidSeal can be used in lieu of Infi-Shield seal. On all precast concrete manholes, Infi-Shield shall be used. The Contractor shall obtain approval from the Engineer prior to switching from Infi-Shield to WrapidSeal.

Frame seals shall remain flexible throughout a fifty (50) year design life, allowing repeated vertical movement of the frame of not less than two inches (2") and/or repeated horizontal movement of not less than one half (1/2) inch.

The seal shall be a continuous seamless band made of high-quality EPDM (Ethylene Propylene Diene Monomer) rubber with a minimum thickness of sixty-five (65) mils. There shall be a preformed "L" shaped corner molded into the top of the seal. The top section and the side section will extend from the "L" shaped corner at a generally 90-degree angle to each other, wherein the seal is pre-formed in substantially the same shape as when attached to the manhole structure. The thickness of the "L" shaped corner extending one inch (1") into the top section and one inch (1") down the side section is increased and may be at least twice the thickness of the top section reinforcing the seal at this particular area. There shall be a two to three inches (2" to 3") wide strip of butyl mastic attached to the underside of top section of the seal. There shall be a two inch (2") wide strip of butyl mastic attached to the inside of the side section at the bottom of the seal. The mastic shall be non-hardening butyl rubber sealant, with a minimum thickness of 1/8", and shall seal to the cone/top of the manhole section and over the flange of the casting frame. An aerosol primer shall be used to enhance the bond strength of the seal to the structure. The seal shall also be coated in tar to a minimum of three inches (3") above and below the wrap, to prevent any sun damage.

The Contractor shall excavate around the frame to a depth of at least twelve inches (12") below the top of the cone section to allow for proper installation. The Infi-Shield Uni-Band seal sealing system shall be installed according to the manufacturer's recommendations. The top section of the seal shall extend three inches (3") attaching to the casting base/flange with the side section covering over the entire grade adjustment ring area and onto the cone section a minimum of two inches (2"). Install external manhole chimney seal as shown on the detail, with extensions where needed to cover the entire chimney area, in accordance with the manufacturer's instructions. External chimney seals installed shall not be buried until inspected by the Engineer and inspection tags shall be left on the frame.

Gasket Materials.

EZ-STIK or an approved equal butyl mastic sealant shall be used when rejoining the manhole frame to the precast adjustments to provide a watertight structure. The sealing compound shall be produced from blends of refined hydrocarbon resins and plasticizing compounds reinforced with inert mineral filler, and shall contain no solvents, irritating fumes, or obnoxious odors. Avoid use of overly thick gasket material such as will likely produce after-settlement of manhole frame due to long-term cold flow of gasket materials. The compound shall not depend on oxidizing, evaporation, or chemical action for its adhesive or cohesive strength. It shall be supplied in extruded rope form of suitable cross section and in such sizes to seal the joint space. The Contractor shall use two (2) complete ropes at each joint.

Interior Finish Coat. After all other adjustment work has been completed, the interior surfaces of the adjustment, from the bottom of the frame to the top of the cone section, shall have a PCC mortar material finish applied which is then troweled and brushed to a smooth finish.

Basis of Payment: This item shall be paid at the Contract Unit Price per Each for SEAL AND ADJUST MANHOLE FRAME of restoration type specified (paved or non-paved) and shall include all work necessary for the complete adjustment and sealing of each manhole frame as specified in these provisions including measurement, procurement, installation, replacement, external chimney seals, adjustment rings and restoration including but not limited to full Depth Patching, PCC Sidewalk, and Curb and Gutter removal and replacement.

ITEM #7: INTERNAL CHIMNEY SEAL

Description. Prior to installation of the internal chimney seal the adjustment shall be rehabilitated if it has not been replaced. The Contractor shall wire brush all loose material and remove any broken portions of the adjustment and then fill the voids with a quick setting fiber reinforced calcium aluminate corrosion resistant cement mortar grout. At each point of active leakage, injection grout such as Avanti AV-100 (for severe active infiltration) or Strong-Plug (for active infiltration) shall be used as appropriate. The adjustment is then to be patched prior to installation of wall coating or internal chimney seal. The Internal Chimney Seal shall be Flex Seal Utility Sealant from Flex seal Systems or approved equal.

If the manhole is getting cementitious coating, the internal seal will be installed after the coating.

For surface preparation, surfaces should be thoroughly clean and dry. Concrete and mortar must be cured at least seven (7) days and no frost or wet conditions can be present during installation. Remove all loose mortar and foreign material.

Surface must be free of laitance, concrete dust, dirt, form release agents, moisture curing membranes, loose cement and hardeners. Fill bug holes, air pockets and other voids with Steel-Seam FT910. After allowing for proper drying of primer to occur, sealant may be applied by brush as evenly as possible over the entire chimney area that includes 2" above the frame joint area, two inches (2") below the top of the manhole cone, and the area above the manhole cone including all extensions to the chimney area.

Surface preparation, primer and internal chimney seal application (including recommended thickness) should be made in accordance with the manufacturer's recommendations and will take precedence over the specifications hereinabove. Training/Manufacturer's Certification. The manufacturer must in writing certify that each of the contractor's representatives are approved to install FlexSeal Utility Sealant or approved equal for this item. The training shall be included in the bid items for internal manhole seals. Contact the manufacturer for pricing 800-478-2054.

The final internal chimney seal shall pass visual inspection and be completely free of pinholes or voids.

Basis of Payment: This item shall be paid at the Contract Unit Price per Each for INTERNAL CHIMNEY SEAL and shall include all labor and materials necessary to rehabilitate the adjustment and install the internal chimney seal.

ITEM #8: CEMENTITIOUS MANHOLE SEALING (48")

Description. Manhole sealing shall consist of all necessary measures to internally seal the manhole including cementitious wall coating, coating over plugged pipes, external or internal grouting, and reconstruction of bench/trough and shall establish structural integrity for the manhole and shall eliminate inflow and infiltration.

This work shall provide for a monolithic fiber-reinforced calcium aluminate structural cementitious spray liner applied in two (2) one half (1/2) inch lifts intended to seal the entire manhole structure. The spray liner shall be a complete manhole reconstruction that stops inflow and infiltration, providing a leak free structure, restoring structural integrity and providing protection against corrosion.

This specification shall govern all work, materials, and equipment required for manhole rehabilitation for the purpose of eliminating infiltration, exfiltration, providing corrosion protection, repair of voids, and restoration of the structural integrity of the manhole as a result of applying a monolithic fiber-reinforced structural cementitious liner to the adjustment, cone, wall and bench surfaces of brick, block, pre-cast or poured concrete, or other masonry construction material.

Described are procedures for cleaning, preparation, application and testing. The applicator, approved and trained by the manufacturer, shall furnish all labor, equipment and materials for applying a cementitious mix to form two (2) coats of a structural monolithic liner, with machinery specially designed for the application. All aspects of the installations shall be in accordance with the manufacturer's recommendation and per the following specifications which includes:

- A. Remove loose and unsound material
- B. Clean area to be sprayed
- C. Eliminate infiltration
- D. Repair and fill voids
- E. Repair and seal bench trough/inverts
- F. Spraying the cementitious monolithic liner

A. Remove loose and unsound material:

Loose and protruding brick, mortar and concrete shall be removed using a mason's hammer and chisel and/or a scraper. Any loose debris on the benches, invert or walls of the manhole shall be removed by means of a scraper and vacuum machine or other approved method as long as it is taken from the manhole and not caused to go into the sewer. Any damaged manhole steps shall be removed prior to cleaning the interior of the manhole. Place covers over invert to prevent extraneous material from entering the sewer lines before cleaning.

B. Clean area to be sprayed:

The Contractor shall clean the interior surfaces of manhole removing all debris, dirt, oil, grease, remains of old coating materials, and any other extraneous materials. The Contractor shall then pressure wash (minimum 3,000 psi) the manhole walls to remove loose mortar, concrete, roots, and debris. Heavy grease build-up or unusual conditions may require hydro-blasting or chemical cleaning. Loose and protruding brick, mortar and concrete shall be removed using a mason's hammer and chisel and or scraper.

C. Eliminate infiltration:

The following are approved for patching material: Strong Seal QSR; Quadex Hyperform; or approved equal. This quick setting fiber reinforced calcium aluminate corrosion resistant cementitious material, shall be used as a patching material and is to be mixed and applied according to manufacturer's recommendations and shall have the following minimum requirements:

<i>Compressive Strength</i>	<i>ASTM C109</i>	<i>>1800 psi, 1 hr >2600 psi, 24 hrs</i>
<i>Bond</i>	<i>ASTM C882</i>	<i>>1600 psi, 28 days</i>
<i>Calcium Aluminate Cement</i>	<i>Sulfate resistant</i>	
<i>Applied Density</i>	<i>105 lbs/ft³ ± 5</i>	
<i>Shrinkage</i>	<i>ASTM C490</i>	<i>0% at 90% R. H.</i>
<i>Placement Time</i>	<i>5 to 10 minutes</i>	
<i>Set Time</i>	<i>15 to 30 minutes</i>	

Approved materials to stop visible infiltration are the following: Strong-Plug; Quadex Quad-Plug; or approved equal. This rapid setting cementitious product specifically formulated for leak control, shall be used to stop minor water infiltration and shall be mixed and applied according to manufacturer's recommendations and shall have the following minimum requirements:

<i>Compressive Strength</i>	<i>ASTM C109</i>	<i>>1000 psi, 1hr >2500 psi, 24 hrs</i>
<i>Sulfate Resistance</i>	<i>ASTM C267</i>	<i>No wt loss, 15 cycles @2000 ppm</i>
<i>Freeze/Thaw</i>	<i>ASTM C666, Method A 100 cycles</i>	
<i>Pull Out Strength</i>	<i>ASTM C234</i>	<i>14,000 lbs.</i>
<i>Set Time</i>	<i><1. 0 minute</i>	

Approved materials to stop severe active infiltration are the following: Hydrostop-Flex 40/500; Avanti AV-100; Deneef Denepox 40; or approved equal. Grouting installation shall conform to ASTM F2414-04. Grouting shall be performed anywhere where active infiltration cannot be stopped with the cementitious grout. All grouting work shall be considered incidental to the unit price bid payment item for CEMENTITIOUS MANHOLE SEALING.

D. Repair and fill voids:

The Contractor shall fill any large voids using one (1) of the approved patching materials. Active Leaks shall be stopped using quick-setting, specially formulated mixes, according to manufacturer's recommendations. Some leaks may require weep holes to localize infiltration during the application. After application the weep holes shall be plugged with quick setting material. After repairing and filling voids and preparations are complete, remove all loose material and wash again. Any bench or invert repairs shall be made at this time using the quick- setting patching mix.

E. Repair and seal bench trough/inverts:

Invert repair shall be performed on all inverts with visible damage or where infiltration is present or when vacuum testing is specified. After blocking the flow through the manhole and thoroughly cleaning the invert, a quick-setting

patch material shall be applied in an expeditious manner. The material shall be troweled uniformly onto the damaged invert at a minimum thickness of one half (1/2) inch at the invert extending out onto the bench of the manhole sufficiently to tie into the structural monolithic liner to be spray applied. The finished invert shall be smooth and free of ridges. The flow may be re-established in the manhole within thirty (30) minutes after placement of the material.

F. Spraying the cementitious monolithic liner:

Liner Material shall be Strong-Seal High Performance Mix or an approved equal and shall be made with calcium aluminate cement and shall be used according to manufacturer's recommendations in applications where there is evidence of mild sulfide conditions (substrate surface of pH 1. 0 or higher). The cementitious liner shall be used to form a structural monolithic liner covering all interior manhole surfaces and shall have the following minimum requirements:

<i>Compressive Strength</i>	<i>ASTM C109 28 days</i>	<i>>9000 psi</i>
<i>Tensile Strength</i>	<i>ASTM C496 28 days</i>	<i>>800 psi</i>
<i>Flexural Strength</i>	<i>ASTM C293 28 days</i>	<i>>1500 psi</i>
<i>Shrinkage @90% R. H.</i>	<i>ASTM C596 28 days</i>	<i>0%</i>
<i>Bond</i>	<i>ASTM C882 28 days</i>	<i>>3000 psi</i>
<i>Density, When Applied</i>	<i>145 ± 5lbs/ft3</i>	
<i>Freeze/Thaw</i>	<i>ASTM C666</i>	<i>300 cycles no vis. damage</i>

During application the surface shall be clean and free of all foreign material and shall be damp without noticeable free water droplets or running water, but totally saturated just prior to application of material. Materials shall be spray applied in two (2) lifts, at least twenty-four (24) hours apart. Minimum total thickness for each pass shall not be less than one half (1/2) inch and shall be from the bottom of the frame to the invert of the manhole. The surface shall then be troweled to a relatively smooth finish being careful not to over trowel. A brush finish shall be applied to the trowel- finished surface.

After the walls are coated, the invert covers shall be removed, and the bench sprayed with excess materials applied in such a manner that a gradual slope is produced from the walls to the invert with the thickness at the invert to be no less than one half (1/2) inch. The wall/bench intersection shall be rounded to a uniform radius the full circumference of the intersection. Trough area shall be coated as required to seal all cracks and to provide a smooth surface.

The material shall have minimum of four (4) hours cure time before being

subjected to active flow. Ambient conditions in the manhole are adequate for curing as long as the manhole is covered. Traffic shall not be allowed over manholes for twelve (12) hours after reconstruction is complete. Caution shall be taken to minimize exposure of applied product to sunlight, quick surface drying and air movement. At no time should the finished product be exposed to sunlight or air movement for longer than fifteen (15) minutes before replacing the cover. In extremely hot and arid climates, the manhole should be shaded while reconstruction is in process.

No application shall be made if ambient temperature is below forty (40) degrees Fahrenheit. No application shall be made to frozen surfaces or if freezing is expected to occur within the substrate within twenty-four (24) hours after application. If the ambient temperatures are in excess of ninety-five (95) degrees Fahrenheit, precautions shall be taken to keep the mix temperatures at time of application below ninety (90) degrees Fahrenheit. Water temperature shall not exceed eighty (80) degrees Fahrenheit. Chill with ice if necessary.

Quality control:

Final acceptance shall be made upon successful passing:

- Vacuum test as described under the provision VACUUM TESTING.
- Compressive Strength test: Sample, prepare the specimens (2" cube) and cure the specimens according to the cement manufacturer's instructions. Take at least five (5) specimens per ASTM C 109 and analyze for testing compressive strength from each week's work (for Vertical Infrastructure) or every 32,000 lbs. of material (for Horizontal Infrastructure). Label the cubes with the date, location, project, and product batch numbers. The product batch numbers should be located on each material bag. Send the specimens to a third-party laboratory and the manufacturer for verification. Test in accordance with ASTM C 109. Test the material for compressive strength at seven (7) days (1 specimen) and twenty-eight (28) days (3 specimens) and leave one (1) specimen for retainage.

Performance and Material Testing for manholes:

- i. Performance testing as directed in ASTM F 2551.
- ii. Submit the following information to the engineer: Product data, including manufacturer and brand name along with laboratory test results to verify twenty-eight (28) day compressive strength in accordance with ASTM C 109. The samples must be undisturbed

for a period of at least twenty-four (24) hours before they can be transported. The project superintendent will require that samples of applied material be taken representative of each day's work of material used. Samples shall be obtained from the pump, hose or nozzle, identified, and sent to an independent test laboratory to verify twenty-eight (28) day compression strength testing as described in ASTM C 109 and shall have a minimum average of the strength set forth hereinabove in Section F.

The Contractor shall begin to submit specimens at the latest once 25% of the total vertical footage of cementitious manhole sealing is complete.

Basis of Payment: This item shall be paid at the Contract Unit Price per Vertical Foot for CEMENTITIOUS MANHOLE SEALING for the manhole diameter specified and shall include all labor and materials to rehabilitate the manhole as described in the above provisions. Measurement for payment shall be made from the invert to the bottom of the manhole frame and shall be measured to the nearest tenth of a foot.

VACUUM TESTING shall be measured and paid for separately. The compressive strength tests shall be considered incidental.

ITEM #9: EPOXY COATING

Description. This work shall govern all work, materials, and equipment required for rehabilitating and protecting the interior walls and bench of new and selected existing sanitary manhole structures by High Performance Epoxy coating to eliminate infiltration, provide corrosion protection, repair voids, and enhance structural integrity.

Material. Raven 405 as manufactured by Raven Lining Systems or approved equal.

Submittal Requirements. The following items shall be submitted and approved before rehabilitation can proceed:

- Material Safety Data Sheet (MSDS)
- Submit product data each component specified including data substantiating that the proposed materials comply with specified requirements and recommendations by the manufacturer covering all materials.

Construction Sequencing. The sequence of construction shall follow the below listed steps. This procedure is for epoxy coating an existing manhole:

1. The Contractor shall mobilize equipment for cleaning and preparation.
2. Set up confined space entry, scaffolding, and ventilation as necessary.
3. Contractor may use a flow-through plug to convey the force main discharge flow through the manhole.
4. Prepare wall and invert surfaces according to Preliminary Surface Preparation Requirements.
5. Repair and fill voids if any.
6. Repair and seal bench if necessary: After repairing and filling voids and preparations are complete, remove all loose material and wash again. Any bench repairs shall be made at this time using the quick-setting patching mix.
7. Prepare wall and bench surfaces according to manufacturer recommendations.
8. Apply a primer base coat.
9. Apply epoxy corrosion protective lining according to Epoxy Coating Installation.
10. Allow curing according to manufacturer's recommendations

Preliminary Surface Preparation. The Contractor shall inspect all surfaces specified to receive a protective coating prior to surface preparation. Applicator shall notify the Village of any noticeable disparity in the surfaces which may interfere with the proper preparation or application of the repair mortar and protective coating.

- Place covers over invert(s) to prevent extraneous material from entering the sewer lines before cleaning.
- Clean interior surfaces of manhole debris, dirt, oil, grease, and any other extraneous materials. Pressure wash (minimum 3,500 psi) manhole walls to remove loose mortar, concrete, and debris.
- The substrate must be visibly dry before proceeding. Any specific area that is not visibly dry or is experiencing water penetration (i.e., ground water seepage) shall be surface-dried utilizing forced air heating or dehumidification units.

- Fill any large voids (if any) using one (1) of the approved patching materials. Surface voids and defects shall receive a minimum of ½" thickness of the specified cementitious coating repair mortar.
- After preparations are complete remove any loose material and wash again.
- Material shall be applied only when the walls are in a damp or dry state with no visible water dripping or running over the manhole walls. The bench application shall be such that a gradual slope is produced from the walls to the invert and the wall/bench intersection shall be rounded to uniform radius the full circumference of the intersection.
- The repair materials shall be permitted to cure according to manufacturer's recommendations. Curing compounds should not be used unless approved for compatibility with the specified protective coating.
- If cementitious coating has been applied, epoxy coating shall be applied only after cementitious coating is fully cured in accordance with epoxy coating manufacturer's recommendations.

Epoxy Coating Installation. Specified surfaces shall receive one (1) coat of primer and one (1) coat of a moisture tolerant, solvent-free, 100% solids, epoxy protective coating by spray application to a wet film thickness of eighty (80) mils. The specified wet film thickness shall be applied via spray application in a single coat with multiple passes.

- All surfaces should be inspected during and after preparation and before the protective coating is applied.
- Protect surrounding areas and surfaces not scheduled to be coated from damage during surface preparation and application of epoxy liner system. Immediately remove epoxy liner system that fall on surrounding areas and surfaces not scheduled to be coated.
- All epoxy liner materials shall be mixed and applied at temperatures in accordance with these Specifications and the manufacturer's recommendation.
- Epoxy liner materials shall not be applied in inclement weather conditions.
- Ambient temperatures must be between 40°F and 85°F during application of epoxy liner materials. Relative humidity must be below 85%

- The minimum substrate temperature at the time of application shall be 45°F. The maximum substrate temperature at the time of application shall be 100°F.
- At the time of application, the substrate temperature must be at least 5°F above the dew point.
- Adequate lighting shall be provided to sufficiently light up all areas to be worked on without inclusion of shadow areas.
- Epoxy liner materials shall not be applied in windy conditions. Contractor shall ensure windblown matter is prevented from contaminating freshly coated surfaces.
- Keep containers closed when not in use to avoid contamination.
- Do not use mixed epoxy liner materials beyond pot life limits.
- Use application equipment, tools, pressure settings, and techniques in accordance with manufacturer's instructions.
- Manufacturer approved heated plural component spray equipment shall be used in the application of the specified protective coating.
- Airless spray application equipment approved by the coating manufacturer shall be used to apply each coat of the protective coating.
- Uniformly apply epoxy liner materials at spreading rate required to achieve specified
- During application a wet film thickness gage meeting ASTM D4414 – Standard Practice for Measurement of Wet Film Thickness of Organic Coatings by Notched Gages, shall be used to ensure a monolithic coating and uniform thickness during application.

Final Acceptance. After curing (typically 6 to 8 hours) the surface shall be holiday tested to determine presence of any pinholes in accordance with ASTM D-4787. These shall be repaired immediately. Holiday testing and repairs shall be considered incidental.

Any structure receiving corrosion protective lining shall be re-inspected for leaks six (6) months after completion and repaired, if necessary, at no cost to the Village.

Minimum requirements of the corrosion protection coatings and/or lining system are that it be free of the following:

- Uncured material
- Inadequate thickness
- Pinholes
- Blisters
- Delamination
- Foreign matter
- Unspecified materials

Basis of Payment: This item will be paid for at the Contract Unit Price per Vertical Foot measured to the one tenth (1/10) of a foot for EPOXY COATING for the manhole diameter measured from the invert or wherever the epoxy coats starts to the termination point at the frame. Holiday testing and all associated repairs shall be considered incidental to this pay item.

ITEMS #10, #11, #12: GROUT WALL JOINTS, GROUT BOTTOM 18" & CURTAIN GROUT MANHOLE

Description. This work shall govern all work, materials and testing required for chemical pressure grouting of manhole defects. Manholes or sections of manholes with leaks are shown on the Manhole Rehabilitation Schedule. Manhole structure grouting includes the sealing or plugging of the manhole base, walls, corbel/cone and chimney using chemical grout sealants to eliminate leakage. Chemical grout shall be injected into the soil surrounding the manhole as needed for complete resealing resulting in a grout curtain.

Curtain Grout Manhole: The Contractor shall furnish all labor, supervision, materials, equipment and testing if required for the completion of chemical grout sealing of manhole defects in accordance with the Contract Documents. Manhole grouting shall not be performed until sealing of manhole frame and grade adjustments is complete.

- I. **Equipment:** The basic equipment shall consist of chemical pumps, chemical containers, injection packers, hoses, valves, and all necessary equipment and tools required to seal manholes by chemical pressure grouting. The chemical injection pumps shall be equipped with pressure meters that will provide for monitoring pressure during the injection of the chemical sealants. When necessary, liquid bypass lines equipped with pressure-regulating bypass valves will be incorporated into the pumping station.
- II. **Chemical Sealing Materials:** The chemical grout shall be Avanti AV-100 or

approved equal which has a documented record of satisfactory performance in sewer usage. All grouting materials shall be delivered to the job site in the original, labeled, and unopened containers. The Contractor shall submit with his bid, the brand name manufacturer of the chemical grout(s) he intends to use. The chemical grout(s) selected by the Contractor is subject to approval of the Engineer.

- III. For protection of the manhole structure through freeze thaw cycles, the top four feet (4') of the structure shall be a urethane base grout AV-248 Low Viscosity or approved equal.
- IV. Mixing and handling of chemical grout, which may be toxic under certain conditions, shall be in accordance with the recommendations of the manufacturer and in such manner to minimize hazard to personnel. It is the responsibility of the Contractor to provide appropriate protective measures to ensure that chemicals or gels are handled by authorized personnel in the proper manner. All equipment shall be subjected to the approval of the Engineer. Only personnel thoroughly familiar with the handling of the grout material and additives shall perform the grouting operations.
- V. Preliminary repairs: All cracked or deteriorated material shall be removed from the manhole and the Contractor shall cut and trim all roots within the manhole. The Contractor shall seal all unsealed lifting holes, unsealed step holes, pre-cast manhole section joints, and voids larger than approximately one half inch (1/2") in thickness with a waterproof quick-setting mortar, Strong Seal QSR; Quadex Hyperform or an approved equal in accordance with the manufacturer's specifications.
- VI. Drilling and Injection: Injection holes shall be drilled through the manhole at one hundred twenty (120) degree angles from each other at the same plane of elevation. Rows shall be separated no more than three (3) vertical feet, and the holes shall be staggered with the holes in the rows above and below. Provide additional injection holes near observed defects, bench and trough and at pipe seals. At all visible leaks and areas with evidence of leaks within the manhole structure, a hole shall be carefully drilled from within the manhole and shall extend through the entire manhole wall. A minimum of 6 injection holes shall be provided in the walls/cone and three (3) injection holes at each pipe seal and at the bench/trough.
- VII. Manholes shall be grouted completely from the pipe invert to the top of the corbel or bottom of flat top. Grout shall be injected through the holes under pressure with a suitable probe. Grout ports or sealant injection devices shall be placed in these previously drilled holes in such a way as to provide a watertight seal between the holes and the injection device. A hose, or hoses, shall be attached to the injection device from an injection pump.

Grouting from the ground surface shall not be allowed. Grout travel shall be verified by observation of grout to defects or adjacent injection holes. Provide additional injection holes, if necessary to ensure grout travel. Care shall be taken during the pumping operation to ensure that excessive pressures do not develop and cause damage to the manhole structure or surrounding surface features. Grout shall be injected through the lowest holes first. The procedure shall be completed until the manhole is externally sealed with grout, resulting in a chemical grout curtain.

- VIII. Sealing after grouting: Upon completion of the injection, all chemical grout material shall be removed from interior surfaces of the manhole. After grouting is completed, the grout ports shall be removed, and the remaining holes shall be cleaned with a drill and filled with quick-setting hydraulic mortar and troweled flush with the surface of the manhole walls or other surfaces. The mortar used shall be a non-shrink patching mortar such as Strong Seal QSR; Quadex Hyperform or an approved equal. In addition to filling the holes the interior surface of the manhole shall be patched with a ½-inch thick quick setting mortar such as Strong Seal QSR; Quadex Hyperform or an approved equal. This coating shall cover at least six inches (6") either side of the joint sealed or where injection holes were drilled.

Grout Wall Joints: The procedures for Grout Wall Joint shall be the same as listed above for a complete curtain grout manhole, but shall be limited to wall joints and/or areas with evidence of infiltration for each manhole indicated on the plans. Holes shall be carefully drilled from within the manhole and shall extend through the entire manhole wall. In cases where there are multiple leaks around the circumference of the manhole, fewer holes may be drilled, providing all leakage is stopped from these holes. Grout ports or sealant injection devices shall be placed in these previously drilled holes in such a way as to provide a watertight seal between the holes and the injection device. A hose, or hoses, shall be attached to the injection device from an injection pump. Grout travel shall be verified by observation of grout to defects or adjacent injection holes. Provide additional injection holes, if necessary to ensure grout travel.

Sealing after grouting wall joints shall be the same as above and shall include patching with a one half inch (½") thick quick setting mortar such as Strong Seal QSR; Quadex Hyperform or an approved equal and shall cover at least six inches (6") either side of the joint sealed and where injection holes were drilled.

The number of joints shall be grouted as per the manhole rehabilitation schedule and the Plans and any change in joint grout quantity should be approved by Engineer. If additional joints are leaking beyond the original specified joints, the Contractor shall contact Engineer/Owner before approval.

Grout Bottom 18": The procedures for Grout Bottom, 18" shall be the same as

indicated above, but shall be limited to the bottom portion of the manhole. Pipe seal grouting shall include all pipe seals in the specified manhole and grouting of the bench/trough, wall/bench joint and walls to the maximum height of 18" from the crown of the pipe. Provide additional injection holes near observed defects, bench and trough and at pipe seals. At all visible leaks, a hole shall be carefully drilled from within the manhole and shall extend through the entire manhole wall. A minimum of three (3) injection holes at each pipe seal and at the bench/trough shall be required.

Sealing after grouting manhole bottoms shall be the same as above and shall include patching with a ½" thick quick setting mortar such as Strong Seal QSR; Quadex Hyperform or an approved equal and shall cover at least six inches (6") either side of each location sealed or where injection holes were drilled.

Grout Tests: The Contractor shall perform and record a grout gel test in the presence of the Engineer. This test shall include the recording of the grout tank solution temperature, catalyst tank solution temperature, ambient air temperature in truck, and gel time of the sample. The test shall be performed whenever the following conditions occur:

At the beginning of each day. The material in the hoses shall be recycled to the tanks and a sample shall be taken;

Whenever new batches of grout are mixed; and

Whenever the temperature in the tanks or ambient temperature have changed by more than plus or minus ten degrees Fahrenheit (+/- 10°F) from the previous gel test.

Final Acceptance: After the specified sealing work has been completed, the manholes shall be visually inspected by the Contractor (as required) in the presence of the Owner/Engineer and found to be acceptable. All rehabilitated manholes shall also be re-inspected for leaks one (1) year after project completion and resealed, if necessary, at no additional cost to the Owner.

Basis of Payment: The Contractor shall provide the necessary tools and equipment to complete all work as described above. Payment shall be based on the Contract Unit Price per Each for CURTAIN GROUT MANHOLE or GROUT BOTTOM 18". Payment shall be based on the Contract Unit Price per Each joint for GROUT WALL JOINTS. If more than two (2) grout wall joints and/or grout bottom 18" are necessary to seal the manhole, then the Engineer shall have the right to change the pay item and scope to Curtain Grout Manhole.

ITEM #13: REPAIR BENCH AND TROUGH

Description. Invert repair shall be performed on all inverts with visible damage or where infiltration is present or when vacuum testing is specified. After blocking the flow through the manhole and thoroughly cleaning the invert, a quick-setting patch material shall be applied in an expeditious manner. The material shall be troweled uniformly onto the damaged invert at a minimum thickness of one half (1/2) inch at the invert extending out onto the bench of the manhole sufficiently to tie into the structural monolithic liner to be spray applied. The finished invert shall be smooth and free of ridges. The flow may be re-established in the manhole within thirty (30) minutes after placement of the material.

All inverts shall be formed to the diameter of the incoming and outgoing pipe diameter up to the pipe centerline and vertical beyond that point. The invert shall be formed to a depth of one half (1/2) to two thirds (2/3) the pipe diameter. Inverts shall be formed with a PCC mortar material and steel-trowel to produce a dense, smooth finish and shape to form a "U"- shaped channel connecting the pipelines. The new invert shall provide smooth transitions for pipes of different sizes, different elevations, and/or at different angles. The Contractor shall form benches to provide self-cleaning by sloping normally two (2) inches from manhole wall to edge of "U" channel with a smooth finish. The trough shall be troweled so that the wetted surface is smooth.

The trough and bench shall then be coated with a cementitious product such as Strong Seal High Performance Mix or equal in the manner specified in Cementitious Manhole Sealing.

Basis of Payment: This item shall only be paid where cementitious coating is not being applied to the walls and shall be paid for at the Contract Unit Price per Each for REPAIR BENCH AND TROUGH. This price shall be payment in full for performing the work and for furnishing all labor, supervision, materials, equipment, and testing necessary to complete the work.

ITEM #14: INSTALL BARREL SECTION (UNPAVED)

Description. This work consists of the installation of a barrel section and cone for an existing manhole where the manhole is to be raised more the thirty inches (30") or chimney is greater than thirty inches (30").

Manhole sections (wall and cone) shall be precast sections conforming to ASTM C478. Sections and component parts to be marked by manufacturer with trade name and/or trademark and ASTM designation. Wall thickness shall be five inch (5") minimum. Holes shall be smooth, radial to centerline of manhole, and perpendicular to manhole wall. All pre-cast manhole sections (wall and cone) are

to be supplied with pre-applied coating of ConSeal CS-55 Water Based product or approved equal. Interior joints shall be sealed with non-shrink grout. All external joint sealing bands shall conform to ASTM C-877. External seals shall be MacWrap or approved equal.

The Contractor shall remove existing frame and cover, remove all gasket material between the cone, adjustment rings and frame, and shall wire brush clean all exposed surfaces. In addition, the Contractor shall dry all surfaces with a torch or other approved method. Existing manhole frames and covers in good condition will be cleaned and reinstalled unless specified elsewhere for replacement.

This item shall be provided at the locations shown on the plans or where directed by the Engineer.

Basis of Payment. This work will be paid for at the Contract unit price per each for INSTALL BARREL SECTION of the restoration type specified, Diameter Specified and shall include all labor, materials, and equipment necessary to complete the work as specified herein.

ITEM #15: VACUUM TESTING

Description. This specification shall govern the vacuum testing of sanitary sewer manholes and structures and shall be used as a method of determining acceptability by the Owner, in accepting maintenance or installation of a sanitary sewer manhole or structure. Vacuum testing shall be according to ASTM C1244, except as specified otherwise herein. Other forms of testing of some manholes may be required, as deemed necessary by the Owner.

At least ten percent (10%) of the total number of sanitary sewer manholes installed or receiving cementitious coating shall be vacuum tested as specified herein. Manholes to be tested shall be selected by the Engineer at the time of testing. No advance notice will be provided to the Contractor as to which manholes will be tested. If more than ten percent (10%) of the manholes tested fail the initial test, an additional ten percent (10%) of the total manholes shall be tested at no additional charge. This process shall continue until a series of manholes (ten percent (10%) of the total) successfully test with no more than ten percent (10%) initial failure or until all manholes have been tested. Additional vacuum testing required after failing the initial testing will be considered incidental to the contract and will not be paid for separately.

Manholes shall be tested after installation or rehabilitation and when all connections are in place. Lift holes, if any, shall be plugged with an approved, non-shrinkable grout prior to testing. Drop connections should be installed prior to testing. The vacuum test shall include testing of the seal between the cast iron

frame and the concrete cone, slab or grade rings. Manhole vacuum testing shall be performed after all adjacent underground utilities have been installed and all manholes have been backfilled and finished to final grade.

All manholes found to have been damaged or disturbed prior to the final (one-year) inspection shall be corrected and vacuum tested at that time, regardless of whether or not they were originally vacuum tested. If a coating or lining is to be applied to the interior of the manhole the vacuum test must not be performed until the coating or lining has been cured according to the manufacturer's recommendations.

The manhole shall be considered to pass the vacuum test if the vacuum reading does not drop more than one inch (1") Hg (i. e. from 10" Hg to 9" Hg) during the following minimum test times for various manhole diameters.

The procedure for testing shall be as follows:

1. Temporarily plug all pipes entering the manhole. Each plug must be installed at a location beyond the manhole/pipe gasket (i. e. outside the manhole wall), and shall be braced to prevent the plug or pipe from being drawn into the manhole.
2. The test head shall be placed inside the rim of the cast iron frame at the top of the manhole and inflated, in accordance with the manufacturer's recommendations.
3. A vacuum of at least ten inches of mercury (10" Hg) shall be drawn on the manhole. Shut the valve on the vacuum line to the manhole and shut off the pump or disconnect the vacuum line from the pump.
4. The pressure gauge shall be liquid filled, having a 3.5-inch diameter face with a reading from zero to thirty inches of mercury.

<i>Depth (ft.)</i>	Manhole Diameter (inches)								
	30	33	36	42	48	54	60	66	72
	Test Time (Seconds)								
8	11	12	14	17	20	23	26	29	33
10	14	15	18	21	25	29	33	36	41
12	17	18	21	25	30	35	39	43	49
14	20	21	25	30	35	41	46	51	57
16	22	24	29	34	40	46	52	58	67
18	25	27	32	38	45	52	59	65	73

20	28	30	35	42	50	53	65	72	81
22	31	33	39	46	55	64	72	79	89
24	33	36	42	51	59	64	78	87	97
26	36	39	46	55	64	75	85	94	105
28	39	42	49	59	69	81	91	101	113
30	42	45	53	65	74	87	89	108	121

Basis of Payment: This item shall be paid at the Contract Unit Price per Each for VACUUM TESTING and shall include furnishing all labor, supervision, materials, equipment, and testing necessary to complete the work.

ITEM #16: PLUG PIPE WITH MECHANICAL PLUG AND CONCRETE CAP

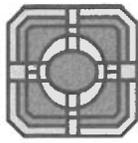
Description. Sewer pipes to be abandoned shall be plugged with mechanical wing plugs of the specified diameter and topped with concrete plug. Brick and mortar plugs will not be acceptable in lieu of concrete. The Contractor shall install plugs in the sewers at locations shown on the Plans or where directed by the Engineer. All work shall be performed by competent personnel, after confirming abandonment of the illegal pipe connection with the Village. The minimum install depth of the mechanical plug shall be two (2) pipe diameters up to twenty-four (24) inches. The minimum thickness of the concrete to the plug shall be two (2) pipe diameters up to twenty-four (24) inches. The Contractor shall submit data sheets for mechanical wing plugs for use on this project.

Basis of Payment: This work will be paid for at the Contract Unit Price per Each for PLUG PIPE WITH MECHANICAL PLUG AND CONCRETE CAP, which price shall include the cost of all labor, materials and equipment necessary to complete the work.

ITEM #17: CONTINGENT CASH ALLOWANCE

Description. From time to time, it will be necessary to add unforeseen additional work to the Project. The intent of the Contingent Cash Allowance is to provide a means to fund reasonable changes and additions to the Project. The Contingent Cash Allowance is for the sole use of Owner to cover unanticipated costs.

Basis of Payment: Included with the bid is a CONTINGENT CASH ALLOWANCE in the amount of twenty five thousand and 00/100 dollars (\$25,000.00) for any additional work required by the Village of Orland Park. The value of any work covered by the Contingent Cash Allowance will be determined in accordance with the General Conditions and Supplementary Conditions.



VILLAGE OF ORLAND PARK 2025 SANITARY MANHOLE REHABILITATION PROGRAM

Exhibit B
ITB #25-037
2025 Sanitary Manhole Rehabilitation
Program Plan Set

INDEX OF SHEETS

1. COVER
2. GENERAL NOTES
3. SUMMARY OF QUANTITIES
- 4-6. MANHOLE REHABILITATION SCHEDULE
- 7-24. MANHOLE REHABILITATION
25-26. DETAILS



LOCATION MAP
(NOT TO SCALE)

**FOR CONSTRUCTION
JUNE 2025**



K. S. Anderson

REGISTERED P.E., STATE OF ILLINOIS
EXPIRES 11/30/25



LICENSE #184.000813-002
EXPIRES 4/20/2025
2655 WARRENVILLE RD
SUITE 225
DOWNERS GROVE, IL 60515

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES.

**FOR UNDERGROUND UTILITY LOCATIONS CALL
JULIE, 1-800-892-0123**

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE UNDERTAKEN IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION. THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (AUTC) THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL DEVICES (GSSD), THE DETAILS IN THESE PLANS AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS, THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS, LATEST EDITION, SHALL APPLY. SOIL EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE "PROCEDURES FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL" IN ILLINOIS AND AS DIRECTED BY THE VILLAGE AND/OR ENGINEER.
2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
3. CONTRACTOR SHALL HAVE ONE SET OF APPROVED PLANS AND SPECIFICATIONS ON SITE AT ALL TIMES.
4. THE CONTRACTOR SHALL LIMIT CONSTRUCTION ACTIVITIES AND STORAGE OF EQUIPMENT OR MATERIALS TO THE AREAS SHOWN ON PLAN. ANY DAMAGE TO PROPERTY OR FENCES SHALL BE REPLACED IN KIND OR REPAIRED AT THE CONTRACTOR'S EXPENSE. NO STOCK PILES WILL BE ALLOWED OVERNIGHT OR OVER WEEKENDS.
5. THE CONTRACTOR, AT HIS EXPENSE, SHALL BE REQUIRED TEMPORARILY TO REMOVE AND RELOCATE STREET SIGNS WHICH INTERFERE WITH CONSTRUCTION OPERATIONS AND TO RE-DRECT THEM AT THE PROPER LOCATIONS AFTER CONSTRUCTION OPERATIONS ARE COMPLETED. ANY SUCH SIGNS DAMAGED OR LOST BY THE CONTRACTOR WILL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
6. WHERE SECTION OR SUB-SECTION MONUMENTS OR BENCH MARKS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING AND CAREFULLY PRESERVE ALL PROPERTY IRON PIPES AND MONUMENTS UNTIL AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
7. REMOVE DIRT AND DEBRIS FROM THE STREET AT THE END OF THE DAY OR AS DIRECTED BY THE ENGINEER. MECHANICAL STREET SWEEPING OF ALL AREAS DISTURBED SINCE THE LAST STREET SWEEPING MUST BE COMPLETED ONCE PER WEEK OR AS DIRECTED BY THE ENGINEER.
8. DISTURBANCE TO ALL LAWN AREAS SHALL BE MINIMIZED. TRENCHES SHALL BE BACKFILLED TO MATCH EXISTING GRADE.
9. ALL LANDSCAPED AREAS DISTURBED BY CONSTRUCTION SHALL RECEIVE 6" TOPSOIL AND SOO AS DICTATED ON THE PLANS OR NOTIFIED BY THE VILLAGE AND/OR ENGINEER.
10. THE CONTRACTOR SHALL MAINTAIN VEHICULAR AND PEDESTRIAN ACCESS TO ADJACENT PROPERTIES AND THROUGH THE PROJECT AS DESCRIBED IN THE SPECIAL PROVISIONS. ALL PEDESTRIAN ROUTES DURING CONSTRUCTION SHALL BE ADA COMPLIANT WITH ADA COMPLIANT DETECTABLE BARRICADES.
11. CONTRACTOR TO USE RUBBERIZED TRACKS AND TIRES WHEN USING HEAVY MACHINERY TO REDUCE THE IMPACT ON THE SURFACE. DURA-MAT OR APPROVED EQUIVALENT ARE REQUIRED TO PREVENT DAMAGE TO THE SITE.

UTILITIES NOTES

1. THE CONTRACTOR SHALL ARRANGE WITH THE VARIOUS UTILITY COMPANIES FOR THE LOCATION AND ANY NECESSARY ADJUSTING OF THE OVERHEAD OR UNDERGROUND UTILITIES WITHIN THE LIMITS OF CONSTRUCTION PRIOR TO START OF CONSTRUCTION.
2. THE LOCATION, SIZE AND DEPTH OF THE WATER MAINS, STORM SEWERS AND/OR VARIOUS UTILITIES, AS SHOWN ON THE PLANS, ARE FROM THE LATEST AND BEST AVAILABLE INFORMATION TO THE ENGINEER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE UTILITIES LOCATED.
3. THE CONTRACTOR WILL BE RESPONSIBLE FOR COORDINATING CONSTRUCTION ACTIVITIES WITH ALL UTILITY COMPANIES IN ORDER TO MAINTAIN SERVICES DURING CONSTRUCTION AT NO ADDITIONAL EXPENSE TO THE CONTRACTOR.
4. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 811 FOR FIELD LOCATIONS OF BURIED UTILITIES (48-HOURS NOTIFICATION IS REQUIRED).
5. ANY EXISTING OR PROPOSED UTILITY DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION IS THE CONTRACTOR'S RESPONSIBILITY TO REPAIR, TO THE SATISFACTION OF THE ENGINEER AND AT NO COST TO THE OWNER.

WATER AND SEWER NOTES

1. COARSE AGGREGATE TRENCH BACKFILL WILL BE REQUIRED FOR THE FULL TRENCH DEPTH WITHIN THREE (3) FEET OF PROPOSED OR EXISTING PAVEMENTS, UTILITIES, DRIVEWAYS, AND SIDEWALKS. THE TRENCH BACKFILL SHALL CONSIST OF GRANULAR MATERIAL MEETING DOT CA-6 GRADATION FOR SANITARY AND STORM SEWER PIPES. THE TRENCH BACKFILL SHALL BE COMPACTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. RECYCLED MATERIAL WILL NOT BE ALLOWED.
2. THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS SO AS TO MAINTAIN AT ALL TIMES FLOWS THROUGH EXISTING STORM AND SANITARY SEWER SYSTEMS.
3. THE EXISTING STRUCTURES SHALL BE INSPECTED BEFORE CONSTRUCTION STARTS. DEBRIS DEPOSITED IN THE FLOW LINE OF ANY STRUCTURE OR GUTTER SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CLOSE OF CONSTRUCTION OPERATIONS ALL STRUCTURES SHALL BE FREE FROM DIRT AND DEBRIS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DUE TO CONSTRUCTION OPERATIONS SHALL BE REMOVED BY THE CONTRACTOR AT HIS EXPENSE.
4. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS OR STRUCTURES. HE SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS, AND DISCHARGE AT THE SAME. HE SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET. HE SHALL BE PREPARED AT ALL TIMES TO RECEIVE ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS. PERMANENT CONNECTIONS WITH SEWERS ARE BUILT AND IN SERVICE.
5. THE CONTRACTOR SHALL FURNISH ALL LABOR, EQUIPMENT AND MATERIAL NECESSARY FOR DESALTERING TRENCH EXCAVATIONS AS WELL AS SHORING TRENCH WALLS DURING CONSTRUCTION. COMPLIANCE WITH THE ABOVE WILL BE INCLUDED IN THE COST OF CONSTRUCTION.
6. ANY EXISTING OR PROPOSED SEWER OR WATER SERVICES DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT NO COST TO THE VILLAGE.

EROSION CONTROL

1. EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE START OF CONSTRUCTION.
2. ALL STREETS ADJACENT TO THE WORK SITE SHALL BE KEPT FREE OF DIRT, MUD AND DEBRIS.
3. NO SEDIMENT WILL BE ALLOWED TO ENTER ADJACENT LOTCHES OR STORM SEWERS. INLET FILTERS SHALL BE INSTALLED AND PROPERLY MAINTAINED DURING THE PROJECT.
4. UNLESS SOIL EROSION ITEMS ARE SPECIFICALLY REFERRED TO IN THE SPECIFICATIONS AS BID ITEMS (SUCH AS SALT FENCE, SEED/BLANKET, ETC.) THEY SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE CONTRACT.
5. ANY SOIL EROSION CONTROL MEASURES THAT ARE DEEMED NECESSARY BY THE VILLAGE ENGINEER SHALL BE IMPLEMENTED IMMEDIATELY BY THE CONTRACTOR.

TRAFFIC CONTROL AND STAGING

1. THE CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL IN ACCORDANCE WITH IDOT SPECIFICATIONS, THE SPECIAL PROVISIONS, AND AS DIRECTED BY THE ENGINEER.
2. CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT WHEN WORK COMMENCES, THE CONTRACTOR SHALL ASSUME THE MAINTENANCE OF ANY PAVEMENT, SHOULDERS, DRAINAGE FACILITIES, TRAFFIC CONTROL SIGNS, PAVEMENT MARKINGS, AND OTHER APPURTENANCES ON ROADWAYS WITHIN THE LIMITS OF THE CONTRACT WHICH ARE TO BE USED BY THE PUBLIC DURING CONSTRUCTION AND TO RETAIN THIS MAINTENANCE RESPONSIBILITY UNTIL PROJECT COMPLETION.
3. CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN TO THE ENGINEER FOR APPROVAL PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. THE PLAN SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER AND SHALL BE SUBJECT TO THE SATISFACTION OF THE ENGINEER.
4. THE CONTRACTOR SHALL ENSURE THAT ALL TRAFFIC CONTROL DEVICES ARE OPERATIONAL AND EFFECTIVE 24 HOURS A DAY, INCLUDING SUNDAYS AND HOLIDAYS.
5. ALL TRAFFIC CONTROL AND PROTECTION FENCES SHALL BE CLEANED AND MAINTAINED AS NECESSARY THROUGHOUT THE DURATION OF THE CONTRACT. THIS SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION PAY ITEM.
6. THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN ACCESS AND EGRESS FOR EMERGENCY VEHICLES AND RESIDENTS AT ALL TIMES DURING THE CONSTRUCTION PERIOD. DURING CONSTRUCTION, GARAGE TRUCKS MUST BE PERMITTED ACCESS TO THE WORK ZONE IN ORDER TO PICK UP RESIDENTIAL AND COMMERCIAL GARAGE FOR THOSE PROPERTIES FRONTING THE WORK ZONE. IF GARAGE TRUCK ACCESS IS NOT PERMITTED, THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING AN ALTERNATE ACCESSIBLE LOCATION WHICH WILL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION.
7. DURING CONSTRUCTION STAGING OPERATIONS, EGRESS FOR RESIDENTS SHALL BE OPEN 48 HOURS NOTICE OF INTENDED WORK VIA A LETTER DISTRIBUTED TO THE RESIDENTS AND BUSINESSES BY THE CONTRACTOR. THE WRITTEN NOTICE SHALL BE APPROVED BY THE ENGINEER AND COORDINATED WITH THE VILLAGE PRIOR TO THE BEGINNING OF CONSTRUCTION.
8. EXCAVATIONS OUTSIDE OF PAVEMENTS REMAINING OPEN OVERNIGHT SHALL BE PROTECTED EACH NIGHT. THIS MAY BE ACHIEVED BY BACKFILLING TO GRADE OR LIGHTED BARRICADES AND FENCING ON ALL SIDES.

PAVING NOTES

1. ALL PAVING MATERIALS INCORPORATED INTO THE PROJECT SHALL BE FROM ILLINOIS DEPARTMENT OF TRANSPORTATION APPROVED STOCKPILES UNLESS OTHERWISE APPROVED BY THE ENGINEER.
2. THE CONTRACTOR SHALL SAW CUT ASPHALT PAVEMENT AND CONCRETE PAVEMENT AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. TO SEPARATE THE EXISTING PAVEMENT TO BE REMOVED BY MEANS OF AN APPROVED CONCRETE SAW TO A DEPTH AS DIRECTED BY THE ENGINEER. SUITABLE GUIDELINES OR DEVICES SHALL BE USED TO ASSURE CUTTING A NEAT, STRAIGHT LINE AS SHOWN ON THE PLANS. CARE SHALL BE TAKEN BY THE CONTRACTOR SO AS NOT TO DAMAGE THE REMAINING PAVEMENT RESULTING FROM PAVEMENT REMOVAL OPERATIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. THE PRICE OF SAW CUTTING, AS NOTED ABOVE, SHALL BE INCLUDED IN THE PARTICULAR PAY ITEMS.
3. THE HOT-MIX BINDER COURSE WILL BE PLACED IN TWO (2) PASSES WITH A COLD-JOINT LOCATED A MINIMUM OF SIX INCHES (6") FROM THE CROWN LINE OF THE PAVEMENT. THE HOT-MIX ASPHALT SURFACE COURSE WILL BE PLACED IN TWO (2) PASSES WITH A COLD-JOINT LOCATED AT THE CROWN LINE OF THE PAVEMENT. THE CONTRACTOR WILL BE REQUIRED TO SCHEDULE HIS OPERATIONS SO THAT NO SECTIONS OF PAVEMENT ALONG THE CROWN LINE WILL HAVE A COLD-JOINT OVERNIGHT.
4. O.A.C.C OF FOC AND HMA MIXTURES WILL BE REQUIRED ON THIS CONTRACT. THE CONTRACTOR WILL BE RESPONSIBLE FOR SCHEDULING AND ALL COSTS ASSOCIATED WITH ALL QC TESTING.
5. PAVING: THE HOT-MIX ASPHALT BINDER COURSE SHALL BE INSTALLED WITHIN THIRTY (30) CALENDAR DAYS OF COMMENCEMENT OF PAVEMENT REMOVAL.
6. THREE QUARTER INCH (3/4") BITUMINOUS PREWELDED INORGANIC FIBER EXPANSION JOINTS SHALL BE INSTALLED WHERE NEW SIDEWALK OR CURB AND GUTTER OR DRIVEWAY PAVEMENT ABUTS AN EXISTING CONCRETE WALK, DRIVE, OR CURB WHICH IS TO REMAIN IN PLACE, AND AT NOT LESS THAN SIXTY FOOT (60') INTERVALS AT LOCATIONS WHERE CURB REPLACEMENT IS IN EXCESS OF SIXTY FEET (60'); AT RADIUS POINTS, AT BOTH SIDES OF FRAMES AND GRATES WHICH FALL IN THE CURB; AND AS DIRECTED BY THE ENGINEER.
7. THE COSTS FOR REMOVAL OF ANY ASPHALT OVERLAY THAT EXTENDS INTO THE GUTTER PORTION OF THE CURB AND GUTTER WILL BE INCLUDED IN THE PRICE FOR COMBINATION CURB AND GUTTER REMOVAL GRADES. THE PAVEMENT ELEVATIONS SHOULD MATCH THE EXISTING PAVEMENT GRADES UNLESS OTHERWISE INDICATED IN THE PLANS.

SANITARY SEWER MANHOLE MATERIALS LIST

1. MANHOLE CASTING
Casting shall be East Jordan 1022-3 lid with seat and 1050 frame & cover and 1050 manhole. For bolted manholes shall be R-1916-C frame and lid.
2. EXTERNAL CHAINEY SEALS
Shall be Infr-Shield Uni-Bands or approved equal
3. INTERNAL CHAINEY SEALS
Fiberglass Utility Sealant or approved equal for all manholes
4. MANHOLE GROUT
Avalon AY-100 or approved equal for all manholes
Avalon AY-100 or approved equal for all manholes
Avalon AY-100 or approved equal for all manholes
Used for Severe Crust Infiltration
5. MANHOLE INTERNAL COATINGS
Strong Seal CSR, Quadek Hyperform or approved equal shall be used for patching
Strong Seal High Performance Mix shall be used for all Cementitious Coating
Stream-Plug, Quadek Quad-Plug, or approved equal shall be used for any visible infiltration
6. PRECAST CONCRETE ADJUSTMENT RINGS
Shall conform to ASTM C478
7. BARREL SECTIONS
Shall conform to C478
8. BITUMASTIC GASKET MATERIAL
EAS-215 or approved equal shall be used

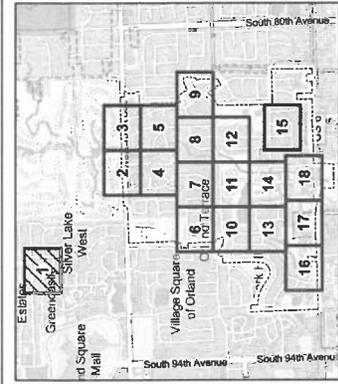
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ITEM NO.	ITEM DESCRIPTION	UNITS	TOTAL QUANTITY
1	Replace Frame & Cover (Paved)	EACH	2
2	Replace Frame & Cover (Unpaved)	EACH	6
3	Replace Frame & Bolted Cover (Paved)	EACH	1
4	Replace Frame & Bolted Cover (Unpaved)	EACH	2
5	Seal & Adjust Manhole Frame (Paved)	EACH	32
6	Seal & Adjust Manhole Frame (Unpaved)	EACH	26
7	Internal Chimney Seal	EACH	2
8	Cementitious Manhole Sealing, 48" Dia.	VF	200
9	Epoxy Coating	VF	10
10	Grout Wall Joints	EACH	39
11	Grout Bottom 18"	EACH	15
12	Curtain Grout Manhole	EACH	16
13	Repair Bench & Trough	EACH	1
14	Install Barrel Section	EACH	1
15	Vacuum Testing	EACH	5
16	Plug Pipe with Mechanical Plug and Concrete Cap	EACH	1
17	Contingent Cash Allowance	PER DOLLAR	\$25,000

DESIGNED: AK		2025 ORLAND PARK SANITARY MANHOLE REHABILITATION PROGRAM	SUMMARY OF QUANTITIES	COUNTY SHEETS NO.	
DRAWN: OAM				HORIZONTAL:	TOTAL SHEETS
CHECKED: YC				VERTICAL:	OF
DATE: MAY 2023				PROJECT NO. 11-3794-03	TO TOTAL



5/23/2023



- Manhole Rehabilitation Codes**
- FB-P - Replace Frame and Bolted Cover (Paved)
 - FB-NP - Replace Frame and Bolted Cover (Non-Paved)
 - FC - Repair Frame and Bolted Cover (Paved)
 - FC-NP - Repair Frame and Bolted Cover (Non-Paved)
 - FAP - Replace Frame and Cover (Paved)
 - FAP-NP - Replace Frame and Cover (Non-Paved)
 - A-P - Seal and Adjust Frame (Paved)
 - A-NP - Seal and Adjust Frame (Non-Paved)
 - I - Internal Chimney Seal
 - S - Cementitious Manhole Sealing
 - E - Epoxy Coating
 - GW - Grout Wall Joints
 - GB - Grout Bottom 18"
 - GFC - Full Curtain Grout
 - TR - Repair Bench and Trough
 - IB-NP - Install Barrel Section (Non-Paved)
 - MP-CC - Plug Pipe with Mechanical Plug and Concrete Cap

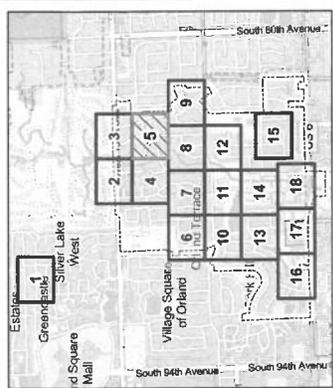
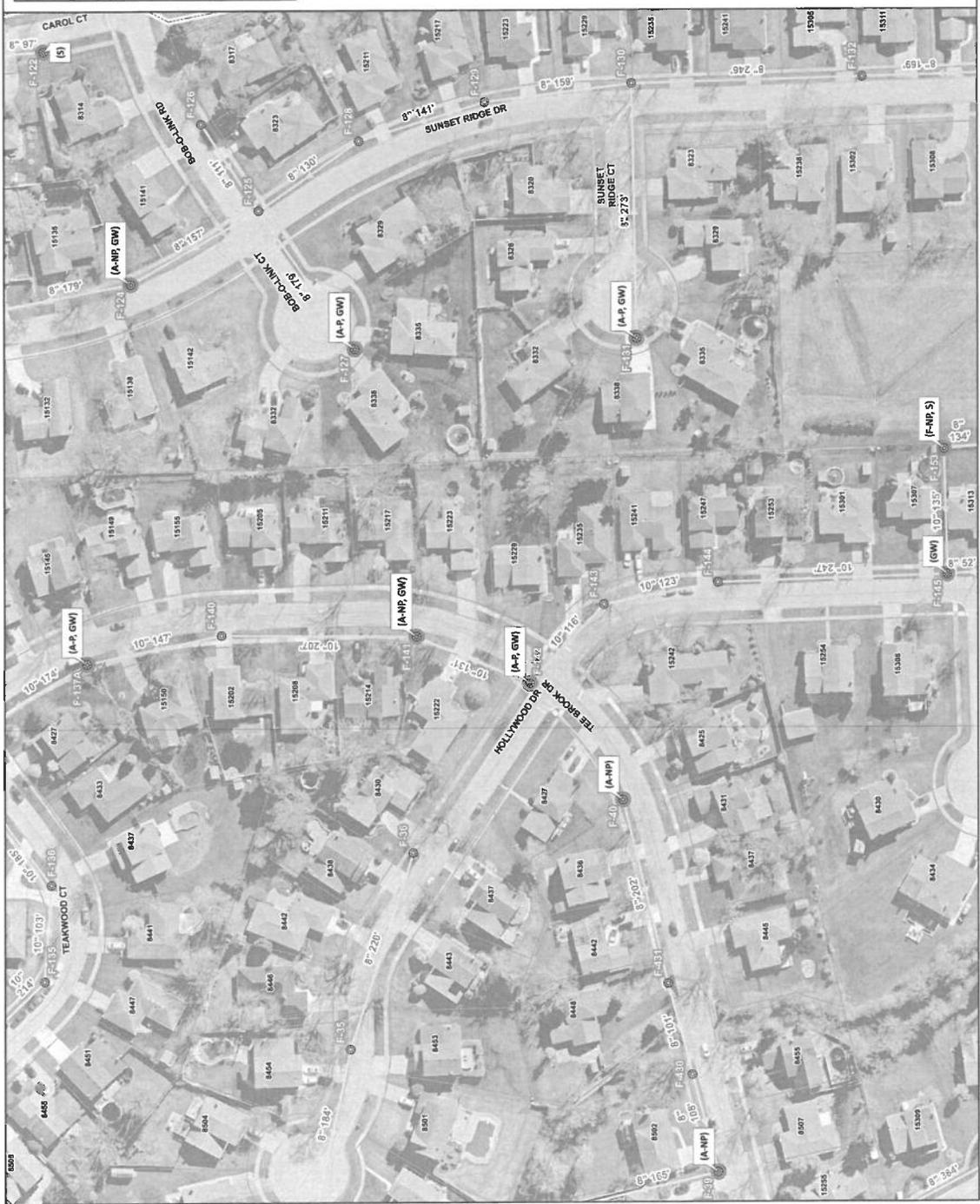
For Wall Joint Location Coding, please refer to the manhole rehabilitation schedule for the corresponding joint.

- Structure to Rehabilitate**
- Orland Park Sanitary Manhole
 - Orland Park Gravity Main
 - Private Gravity Main
 - IDOT Road
 - Cook County Road
 - 2025 Manhole Rehabilitation Area
 - Orland Park Municipal Boundary



DESIGNED: AK	2025 ORLAND PARK SANITARY MANHOLE REHABILITATION PROGRAM	MANHOLE REHABILITATION	SCALE	COUNTY	TOTAL SHEETS
DRAWN: OAM	MANHOLE REHABILITATION	REHABILITATION	HORIZONTAL	COOK	28
CHECKED: YC	MANHOLE REHABILITATION	REHABILITATION	VERTICAL	STL	7
DATE: MAY 2023	PROJECT NO. 11-3794-03	PROJECT NO. 11-3794-03			TO STA.





- Manhole Rehabilitation Codes**
- FR-P - Replace Frame and Bottom Cover (Paved)
 - FR-NP - Replace Frame and Bottom Cover (Non-Paved)
 - F-P - Replace Frame and Cover (Paved)
 - F-NP - Replace Frame and Cover (Non-Paved)
 - A-P - Seal and Adjust Frame (Paved)
 - A-NP - Seal and Adjust Frame (Non-Paved)
 - I - Internal Chimney Seal
 - S - Cementitious Manhole Sealing
 - E - Epoxy Coating
 - GW - Grout Wall Joints
 - GB - Grout Bottom Joints
 - GC - Full Curtain Grout
 - W - Waterproofing
 - MP-CC - Plug Pipe with Mechanical Plug and Concrete Cap

For Well Joint Location Coding, please refer to the manhole rehabilitation schedule for the corresponding joint

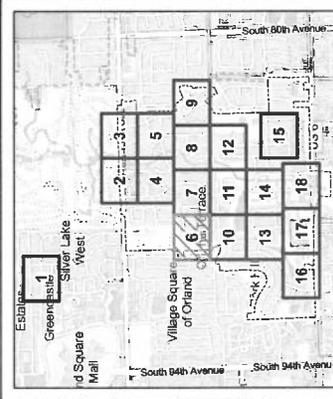
- Structure to Rehabilitate**
- Orland Park Sanitary Manhole
 - Orland Park Gravity Main
 - IDOT Road
 - Cook County Road
 - 2005 Manhole Rehabilitation Area
 - Orland Park Municipal Boundary



DESIGNED BY: AK	2025 ORLAND PARK SANITARY MANHOLE REHABILITATION PROGRAM	MANHOLE REHABILITATION	SCALE: AS SHOWN	COUNTY: COOK	SHEET NO.: 11
DRAWN BY: GJM	MANHOLE REHABILITATION	GRID 5	HORIZONTAL: PROJECT NO. 11-3794-03	STA. TO STA.	
CHECKED BY: YG	PROGRAM		VERTICAL: PROJECT NO. 11-3794-03		
DATE: MAY 2025					



5/28/2025



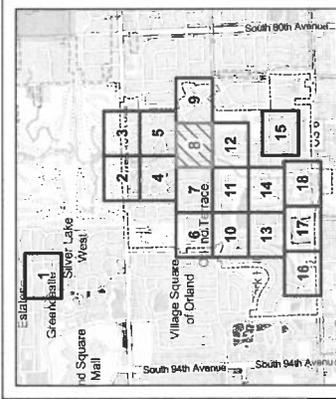
- Manhole Rehabilitation Codes**
- FB-P - Replace Frame and Bolted Cover (Paved)
 - FB-NP - Replace Frame and Bolted Cover (Non-Paved)
 - F-P - Replace Frame and Cover (Paved)
 - F-NP - Replace Frame and Cover (Non-Paved)
 - A-P - Seal and Adjust Frame (Paved)
 - A-NP - Seal and Adjust Frame (Non-Paved)
 - I - Internal Chimney Seal
 - S - Cementitious Manhole Sealing
 - E - Epoxy Coating
 - G - Concrete Wall Repairs
 - GB - Grout Bed
 - GC - Full Curbsin Grout
 - TR - Repair Bench and Trough
 - IB-NP - Install Barrel Section (Non-Paved)
 - MP-CC - Plug Pipe with Mechanical Plug and Concrete Cap

For Wall Joint Location Coding, please refer to the manhole rehabilitation schedule for the corresponding joint

- Structure to Rehabilitate
- Orland Park Sanitary Manhole
- Orland Park Gravity Main
- IDOT Road
- Cook County Road
- 2025 Manhole Rehabilitation Area
- Orland Park Municipal Boundary



DESIGNED: AK	SCALE: HORIZONTAL: 1"=100'	COUNTY SHEET: COOK 26	SHEET: 12
DRAWN: OAM	VERTICAL: 1"=20'	COOK STA. TO STA.	
CHECKED: YC			
DATE: MAY 2025			
2025 ORLAND PARK SANITARY MANHOLE REHABILITATION PROGRAM		MANHOLE REHABILITATION - GRID 6	



- Manhole Rehabilitation Codes**
- FB-P - Replace Frame and Bolted Cover (Non-Paved)
 - FB-NP - Replace Frame and Bolted Cover (Non-Paved)
 - F-P - Replace Frame and Cover (Paved)
 - F-NP - Replace Frame and Cover (Non-Paved)
 - A-P - Seal and Adjust Frame (Paved)
 - A-NP - Seal and Adjust Frame (Non-Paved)
 - I - Internal Chimney Seal
 - S - Cementitious Manhole Sealing
 - E - Epoxy Coating
 - G - Grout Bottom 18"
 - GB - Grout Bottom 18"
 - GFC - Full Curbside Grout
 - TR - Repair Bench and Trough
 - IB-NP - Install Barrel Section (Non-Paved)
 - MP-CC - Plug Pipe with Mechanical Plug and Concrete Cap

For Wall Joint Location Coding, please refer to the manhole rehabilitation schedule for the corresponding joint

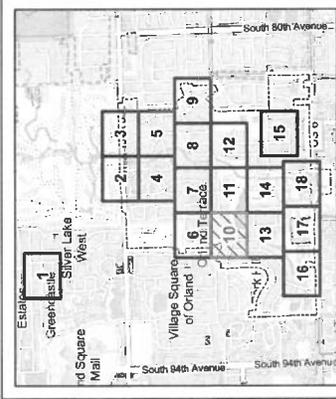
- Structure to Rehabilitate
- ⊙ Orland Park Sanitary Manhole
- Orland Park Gravity Main
- IDOT Road
- Cook County Road
- 2025 Manhole Rehabilitation Area
- Orland Park Municipal Boundary



DESIGNED: AK	2025 ORLAND PARK SANITARY MANHOLE REHABILITATION PROGRAM	SCALES	COUNTY	SHEET
DRAWN: QM	MANHOLE REHABILITATION - GRID 8	HORIZONTAL:	COOK	26
CHECKED: YC	MANHOLE REHABILITATION PROGRAM	VERTICAL:	STA.	14
DATE: MAY 2025			PROJECT NO. 11-3794-83	TO STA.



5/26/2025



- Manhole Rehabilitation Codes**
- RP-P - Replace Frame and Bolted Cover (Paved)
 - RB-NP - Replace Frame and Bolted Cover (Non-Paved)
 - F-P - Replace Frame and Cover (Paved)
 - F-NP - Replace Frame and Cover (Non-Paved)
 - A-P - Seal and Adjust Frame (Paved)
 - A-NP - Seal and Adjust Frame (Non-Paved)
 - I - Internal Chimney Seal
 - S - Seal Cracks in Manhole Sealing
 - GW - Coat Wall Joints
 - GB - Great Bottom 18"
 - GFC - Full Curtain GROUT
 - TR - Repair Bench and Trough
 - IB-NP - Install Barrel Section (Non-Paved)
 - NP-CC - Plug Pipe with Mechanical Plug and Concrete Cap

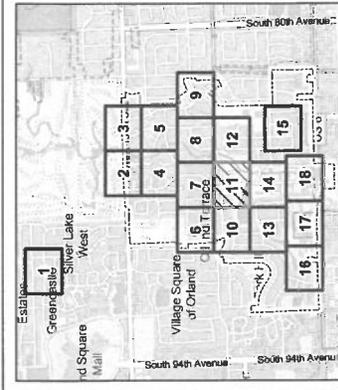
For Wall Joint Location Coding, please refer to the manhole rehabilitation schedule for the corresponding joint

- Structure to rehabilitate
- Orland Park Sanitary Manhole
- Orland Park Gravity Main
- IDOT Road
- Cook County Road
- 2022 Manhole Rehabilitation Area
- Orland Park Municipal Boundary



DESIGNED: AK	2025 ORLAND PARK SANITARY MANHOLE REHABILITATION PROGRAM	SCALE: COUNTY SHEETS: 28 TO STA. 16
DRAWN: GJM	MANHOLE REHABILITATION - GRID 10	HORIZONTAL: STA. TO STA.
CHECKED: YG		PROJECT NO. 11-379-02
DATE: MAY 2023		

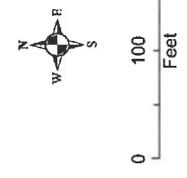




- ### Manhole Rehabilitation Codes
- PS-P - Replace Frame and Bolted Cover (Paved)
 - PS-NP - Replace Frame and Bolted Cover (Non-Paved)
 - FS-P - Replace Frame and Cover (Paved)
 - FS-NP - Replace Frame and Cover (Non-Paved)
 - AP - Seal and Adjust Frame (Paved)
 - AP-NP - Seal and Adjust Frame (Non-Paved)
 - I - Internal Chimney Seal
 - S - Cementitious Manhole Sealing
 - E - Epoxy Coating
 - GW - Grout Wall Joints
 - GB - Grout Bottom 18"
 - GFC - Full Curtain Grout
 - TR - Repair Bench and Trough
 - IB-NP - Install Barrel Section (Non-Paved)
 - MP-CC - Plug Pipe with Mechanical Plug and Concrete Cap

For Wall Joint Location Coding, please refer to the manhole rehabilitation schedule for the corresponding joint.

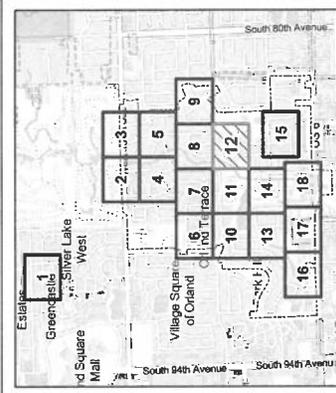
- Structure to Rehabilitate
- Orland Park Sanitary Manhole
- Orland Park Gravity Main
- IDOT Road
- Cook County Road
- 2025 Manhole Rehabilitation Area
- Orland Park Municipal Boundary



DESIGNED: AK	2025 ORLAND PARK SANITARY MANHOLE REHABILITATION PROGRAM	MANHOLE REHABILITATION	TOTAL SHEETS
DRAWN: OAM	MANHOLE REHABILITATION	GRID 11	COUNTY SHEETS NO.
CHECKED: YC	MANHOLE REHABILITATION	GRID 11	COOK 28 17
DATE: MAY 2025	MANHOLE REHABILITATION	GRID 11	STPL TO STA.
	MANHOLE REHABILITATION	GRID 11	PROJECT NO. 11-3984-03



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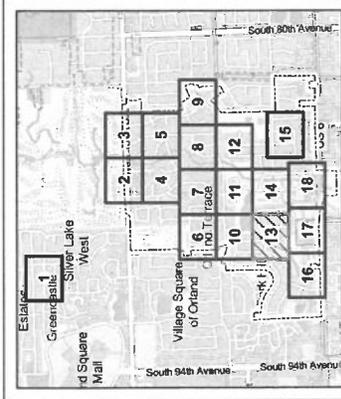


- Manhole Rehabilitation Codes**
- FB-P - Replace Frame and Bolted Cover (Paved)
 - FB-NP - Replace Frame and Bolted Cover (Non-Paved)
 - F-P - Replace Frame and Cover (Paved)
 - F-NP - Replace Frame and Cover (Non-Paved)
 - A-P - Seal and Adjust Frame (Paved)
 - A-NP - Seal and Adjust Frame (Non-Paved)
 - I - Internal Chimney Seal
 - S - Cementitious Manhole Sealing
 - GC - Graft Grout
 - GB - Graft Bottom 18"
 - GW - Graft Wall Joints
 - GFC - Full Curtain Grout
 - TR - Repair Bench and Trough
 - IB-NP - Install Barrel Section (Non-Paved)
 - MP-CC - Plug Pipe with Mechanical Plug and Concrete Cap

For Wall Joint Location Coding, please refer to the manhole rehabilitation schedule for the corresponding joint



DESIGNED: AK	2025 ORLAND PARK SANITARY MANHOLE REHABILITATION PROGRAM	SCALES	COUNTY	GRID	SHEET
DRAWN: GJM	MANHOLE REHABILITATION - GRID 12	HORIZONTAL:	COOK	26	18
CHECKED: YG	MANHOLE REHABILITATION PROGRAM	VERTICAL:	STA.	TO STA.	
DATE: MAY 2025		PROJECT NO. 11-3784-03			



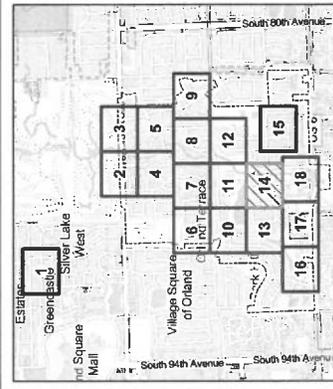
- ### Manhole Rehabilitation Codes
- FB-P - Replace Frame and Bolted Cover (Paved)
 - FB-NP - Replace Frame and Bolted Cover (Non-Paved)
 - EP - Replace Frame and Cover (Paved)
 - EP-NP - Replace Frame and Cover (Non-Paved)
 - A-P - Seal and Adjust Frame (Paved)
 - A-NP - Seal and Adjust Frame (Non-Paved)
 - I - Internal Chimney Seal
 - S - Conventional Manhole Sealing
 - GW - Grout Wall Joints
 - GB - Grout Bottom 18"
 - GFC - Full Curtain Grout
 - TR - Repair Bench and Trough
 - IS-IP - Install Barrel Section (Non-Paved)
 - MP-CC - Plug Pipe with Mechanical Plug and Concrete Cap

For Well Joint Location Coding, please refer to the manhole rehabilitation schedule for the corresponding joint.

- Structure to Rehabilitate
- Orland Park Sanitary Manhole
- Orland Park Gravity Main
- IDOT Road
- Cook County Road
- 2025 Manhole Rehabilitation Area
- Orland Park Municipal Boundary



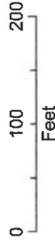
DESIGNED BY	AK	DATE	MAY 2025
DRAWN BY	AM	CHECKED BY	YS
2025 ORLAND PARK SANITARY MANHOLE REHABILITATION PROGRAM		PROJECT NO. 11-3794-03	
MANHOLE REHABILITATION - GRID 13		TOTAL SHEETS 26	
rjn group		COUNTY COOK	
SCALE		SHEET NO. 19	
HORIZONTAL		TOTAL STA. TO STA.	
VERTICAL		STA.	



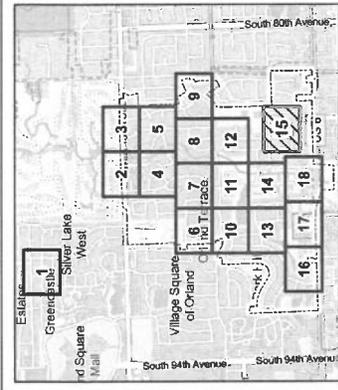
- Manhole Rehabilitation Codes**
- FB-P - Replace Frame and Bolted Cover (Non-Paved)
 - FB-NP - Replace Frame and Bolted Cover (Non-Paved)
 - F-P - Replace Frame and Cover (Paved)
 - F-NP - Replace Frame and Cover (Non-Paved)
 - A-P - Seal and Adjust Frame (Paved)
 - A-NP - Seal and Adjust Frame (Non-Paved)
 - I - Internal Chimney Stack
 - E - Existing Manhole Sealing
 - GW - Great Wall Joints
 - GB - Groat Bottom 18"
 - GFC - Full Curtain Groat
 - TR - Repair Bench and Trough
 - IB-NP - Install Barrel Section (Non-Paved)
 - MP-CC - Plug Pipe with Mechanical Plug and Concrete Cap

For Wall Joint Location Coding, please refer to the manhole rehabilitation schedule for the corresponding joint

- Structure to Rehabilitate
- Orland Park Sanitary Manhole
- Orland Park Gravity Main
- IDOT Road
- Cook County Road
- 2025 Manhole Rehabilitation Area
- Orland Park Municipal Boundary



DESIGNED: AK	2025 ORLAND PARK SANITARY	MANHOLE REHABILITATION	COUNTY	SHEETS	NO.
DRAWN: MM	MANHOLE REHABILITATION				
CHECKED: JS	PROGRAM	GRID 14	COOK	STA.	TO STA.
DATE: MAY 2025			PROJECT NO. 11-2794-03		



- ### Manhole Rehabilitation Codes
- FP-P - Replace Frame and Bolted Cover (Paved)
 - FP-N - Replace Frame and Bolted Cover (Non-Paved)
 - E-FP - Replace Frame and Bolted Cover (Paved) - Epoxy Coating
 - E-FP-N - Replace Frame and Bolted Cover (Non-Paved) - Epoxy Coating
 - A-P - Seal and Adjust Frame (Paved)
 - A-P-N - Seal and Adjust Frame (Non-Paved)
 - I - Internal Chimney Seal
 - S - Cementitious Manhole Sealing
 - E - Epoxy Coating
 - GW - Grout Wall Joints
 - GB - Grout Bottom 18"
 - TR - Full Curtain Grout
 - TR - Repair Bench and Trough
 - IS-PP - Install Barrel Section (Non-Paved)
 - IRP-CC - Plug Pipe with Mechanical Plug and Concrete Cap

For Well Joint Location Coding, please refer to the manhole rehabilitation schedule for the corresponding joint.

- ### Structure to Rehabilitate
- Orland Park Sanitary Manhole
 - Orland Park Gravity Main
 - IDOT Road
 - Cook County Road
 - 2025 Manhole Rehabilitation Area
 - Orland Park Municipal Boundary

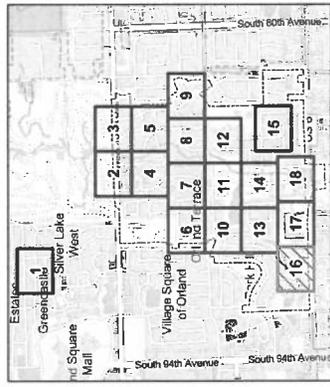
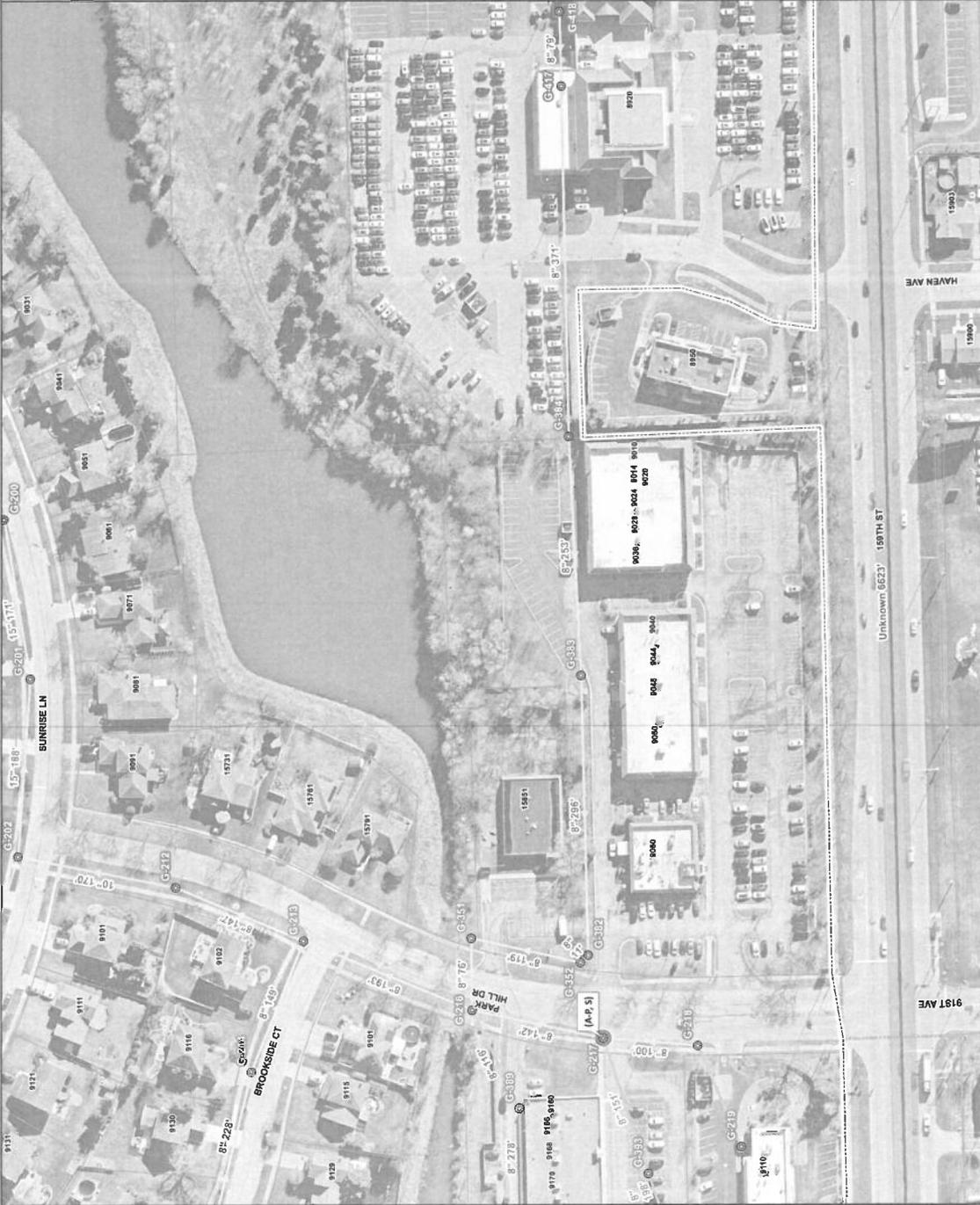


DESIGNED: AK	2025 ORLAND PARK SANITARY MANHOLE REHABILITATION PROGRAM	MANHOLE REHABILITATION	SCALE	TOTAL SHEETS
DRAWN: OAM	MANHOLE REHABILITATION	GRID 15	HORIZONTAL:	COUNTY SHEETS NO.
CHECKED: YC	PROGRAM		VERTICAL:	20
DATE: MAY 2025			PROJECT NO. 11-3584-03	21
				TO STA.



rjn GROUP

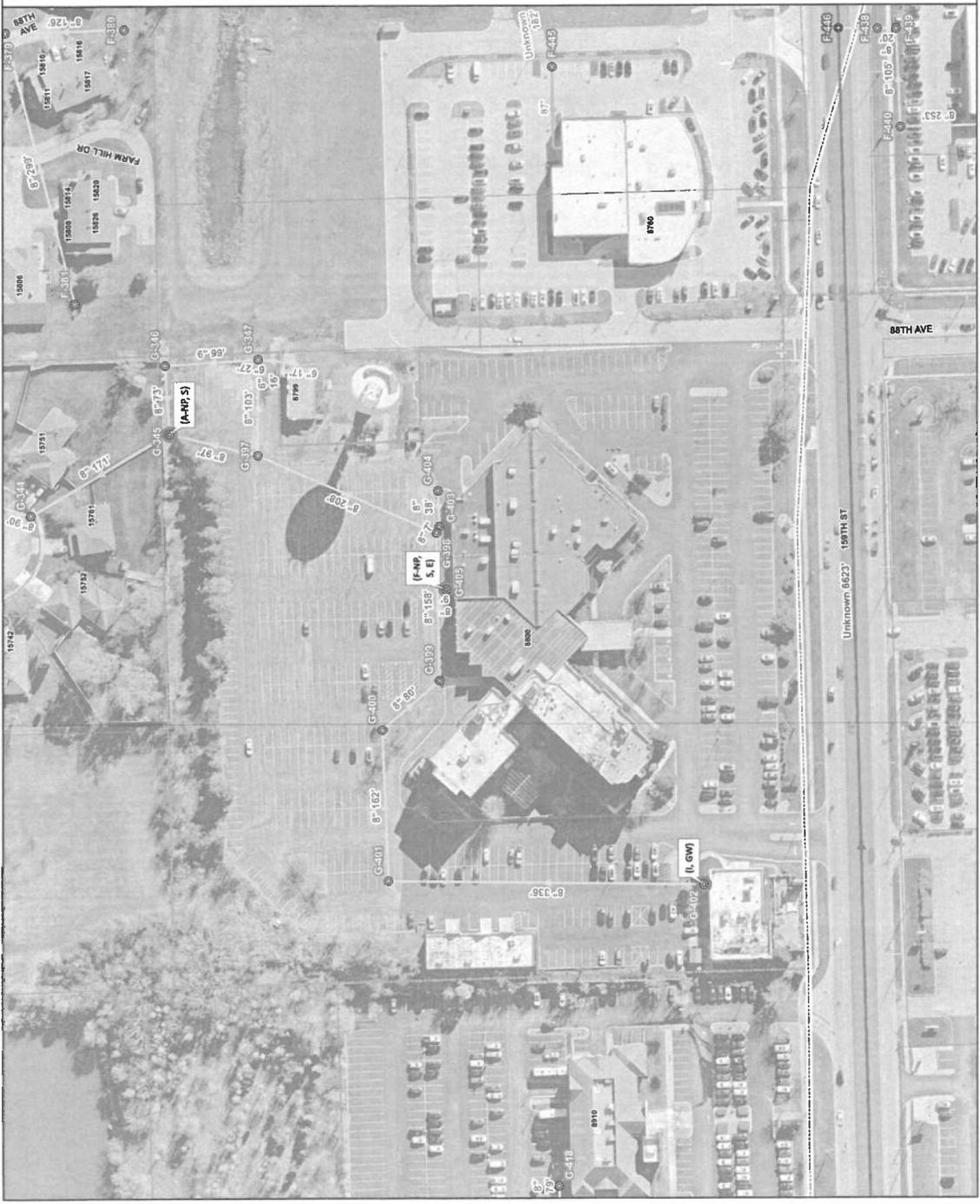
5/29/2025



- Manhole Rehabilitation Codes**
- FB-P - Replace Frame and Bolted Cover (Paved)
 - FB-NP - Replace Frame and Bolted Cover (Non-Paved)
 - F-P - Replace Frame and Cover (Paved)
 - F-NP - Replace Frame and Cover (Non-Paved)
 - A-P - Seal and Adjust Frame (Paved)
 - A-NP - Seal and Adjust Frame (Non-Paved)
 - I - Internal Chimney Seal
 - E - Emergency Manhole Sealing
 - GW - Grout Wall Joints
 - GB - Grout Bottom 18"
 - GFC - Full Curtain Grout
 - TR - Repair Bench and Trough
 - IB-NP - Install Barrel Section (Non-Paved)
 - NP-CC - Plug Pipe with Mechanical Plug and Concrete Cap

- For Wall Joint Location Coding, please refer to the manhole rehabilitation schedule for the corresponding joint**
- Structure to Rehabilitate
 - Private Label
 - Orland Park Sanitary Manhole
 - Orland Park Greedy Main
 - Private Greedy Main
 - MWRD Inceptor
 - IDOT Road
 - Cook County Road
 - 2025 Manhole Rehabilitation Area
 - Orland Park Municipal Boundary

DESIGNED: AK	SCALE: 1" = 40'	COUNTY: COOK	TOTAL SHEETS: 22
DRAWN: GM	HORIZONTAL: 1" = 40'	COOK STA. TO STA.	26 TO 22
CHECKED: TG	VERTICAL: 1" = 40'	PROJECT NO. 11-3794-03	
DATE: MAY 2025			
2025 ORLAND PARK SANITARY MANHOLE REHABILITATION PROGRAM		MANHOLE REHABILITATION - GRID 16	
rjn			



 **ORLAND PARK**
CERTIFICATE OF COMPLIANCE

Bidders shall complete this Certificate of Compliance. Failure to comply with all submission requirements may result in a determination that the Bidder is not responsible.

The undersigned _____ Ryan Hill _____
(Enter Name of Person Making Certification)
as _____ President _____
(Enter Title of Person Making Certification)
and on behalf of _____ Aiky's, Inc. _____
(Enter Name of Business Organization)

certifies that Bidder is:

1) **A BUSINESS ORGANIZATION:** Yes No

Federal Employer I.D. #: 36-2898229
(or Social Security # if a sole proprietor or individual)

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

- Sole Proprietor
- Independent Contractor (Individual)
- Partnership
- LLC
- Corporation Illinois 11/19/05
(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
- Women-Owned
- Veteran-Owned
- Disabled-Owned
- Small Business (SBA standards)
- Prefer not to disclose
- Not Applicable

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 []
Women-Owned []
Veteran-Owned []
Disabled-Owned []

Small Business [] (SBA standards)
Prefer not to disclose
Not Applicable

3) **AUTHORIZED TO DO BUSINESS IN ILLINOIS:** Yes No []

The Bidder is authorized to do business in the State of Illinois.

4) **ELIGIBLE TO ENTER INTO PUBLIC CONTRACTS:** Yes No []

The Bidder 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.

5) **SEXUAL HARASSMENT POLICY COMPLIANT:** 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 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."

6) **EQUAL EMPLOYMENT OPPORTUNITY COMPLIANT:** Yes No []

During the performance of this Project, Bidder 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 Bidder 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 Bidder 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 Bidder 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 Bidder and any person under which any portion of the Bidder'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 Bidder or other organization and its customers.

In the event of the Bidder'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 Bidder 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.

7) **PREVAILING WAGE COMPLIANCE:** Yes No

In the manner and to the extent required by law, this bid is subject to the Illinois Prevailing Wage Act and to all laws governing the payment of wages to laborers, workers and mechanics of a Bidder or any subcontractor of a Bidder bound to this agreement who is performing services covered by this contract. If awarded the Contract, per 820 ILCS 130 et seq. as amended, Bidder shall pay not less than the prevailing hourly rate of wages, the generally prevailing rate of hourly wages for legal holiday and overtime work, and the prevailing hourly rate for welfare and other benefits as determined by the Illinois Department of Labor or the Village and as set forth in the schedule of prevailing wages for this contract to all laborers, workers and mechanics performing work under this contract (available at <https://www2.illinois.gov/idol/Laws-Rules/CONMED/Pages/Rates.aspx>).

The undersigned Bidder further stipulates and certifies that it has maintained a satisfactory record of Prevailing Wage Act compliance with no significant Prevailing Wage Act violations for the past three (3) years.

Certified Payroll. The Illinois Prevailing Wage Act requires any contractor and each subcontractor who participates in public works to file with the Illinois Department of Labor (IDOL) certified payroll for those calendar months during which work on a public works project has occurred. The Act requires certified payroll to be filed with IDOL no later than the 15th day of each calendar month for the immediately preceding month through the Illinois Prevailing Wage Portal—an electronic database IDOL has established for collecting and retaining certified payroll. The Portal may be accessed using this link: <https://www2.illinois.gov/idol/Laws-Rules/CONMED/Pages/certifiedtranscriptofpayroll.aspx>. The Village reserves the right to withhold payment due to Contractor until Contractor and its subcontractors display compliance with this provision of the Act.

8) EMPLOYMENT OF ILLINOIS WORKERS ON PUBLIC WORKS ACT: Yes No []

In the manner and to the extent required by law, this ITB/RFP is subject to the Employment of Illinois Workers on Public Works Act (30 ILCS 570/0.01 *et seq.*). If awarded the Contract, per 820 ILCS 130 *et seq.* as amended, and if the Employment of Illinois Workers on Public Works Act (30 ILCS 570/0.01) is in effect, Bidder shall maintain full compliance with its requirements.

9) PARTICIPATION IN APPRENTICESHIP AND TRAINING PROGRAM: Yes No []

Bidder participates in apprenticeship and training programs applicable to the work to be performed on the project, which are approved by and registered with the United States Department of Labor's Office of Apprenticeship.

Name of A&T Program: LIUNA Laborers' District Council Training & Apprenticeship Fund

Brief Description of Program: 2 year program. Minimum of 24 hours on the job work training & 360 hours of classroom training to become a journeyworker.

10) TAX COMPLIANT: Yes No []

Bidder is current in the payment of any tax administered by the Illinois Department of Revenue, or if it is not: (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.

AUTHORIZATION & SIGNATURE:

I certify that I am authorized to execute this Certificate of Compliance on behalf of the Bidder set forth on the Bidder Summary Sheet, that I have personal knowledge of all the information set forth

herein and that all statements, representations, that the bid 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 in this bid, 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

Ryan Hill

Name of Authorized Officer

President

Title

6/18/2025

Date



202-205-8800 | sba.gov
409 3rd St, SW, Washington DC 20416

Nov. 22, 2023

AIRYS INC
SAM UEI: E5KTKPCLG3P9
21825 S CHERRY HILL RD
JOLIET, IL 60433

Dear AIRYS INC:

I am writing to inform you that AIRYS INC has been certified by the Veteran Small Business Certification Program (VetCert) at SBA. Your certification confirms your eligibility to compete for set-aside contracting opportunities, as well as other benefits, as a Service-Disabled Veteran-Owned Small Business (SDVOSB).

What you need to know:

- AIRYS INC is certified as a Service-Disabled Veteran-Owned Small Business (SDVOSB) and publicly listed at veterans.certify.sba.gov.
- Your certification is valid for three (3) years from the date of this letter.
- You may visit [SBA's website](https://sba.gov) to download [SBA-approved digital icons](https://sba.gov) that indicate your certification status.
- SBA may conduct a program examination at your office or work site during your certification period to verify the accuracy of your certification.
- You may apply for recertification 120 days prior to your expiration date by logging in to your Veteran Small Business Certification profile.

What to do if your business changes:

You must inform SBA of any changes to the business that could affect its eligibility for the program, such as:

- a closure
- a change to the firm's ownership, business structure, or control
- filing of a bankruptcy
- a change in a Veteran-owner's active duty status

You can inform SBA of changes through the VetCert website at veterans.certify.sba.gov. Failure to report eligibility changes within 30 days of the change could result in:

- Civil and criminal penalties
- A referral to the Debarment and Suspension Committee
- Decertification and removal from the Veteran Small Business Certification Program

Please keep a copy of this letter to confirm AIRYS INC's continued program eligibility. Thank you for your service to our country and for continuing to serve the United States through small business ownership.



Illinois Commission on Equity and Inclusion
Nina Harris, Chairperson
Alexandria Wilson, Acting Executive Director
115 South LaSalle Street, Suite 4N, Chicago, IL 60603

04/30/2025

Airy's, Inc.
21825 Cherry Hill Rd
Joliet, Illinois, 60433-8446

Re: Veterans Recognition Certification

Dear Ryan Hill,

Congratulations! After reviewing your information, we are pleased to inform you that your firm has been granted certification as a Service-Disabled Veteran Owned Small Business within the Veterans Business Program (VBP). The Commission on Equity and Inclusion (CEI) was created to maximize supplier diversity, equity, and inclusion by ensuring access to contracting opportunities. CEI develops procedures and initiatives that make procurement processes inclusive, fair, and equitable while providing support, education, and mentorship.

Veterans Recognition Certification Partners

City of Chicago
Cook County
U.S. Small Business Administration

The Veterans Recognition Certification allows vendors certified by one of the partner organizations to apply for VBP certification, which has several benefits. Businesses certified through the Veterans Recognition Certification will be listed in CEI's certified vendor directory, ensuring visibility amongst State procurement professionals and potential prime vendors. The VBP certification is recognized by various municipalities and organizations, aligning with their supplier diversity initiatives. Best of all, certification is free!

Host Agency: SBA

Certification Type: Service-Disabled Veteran Owned Small Business

Certification Date: 04/25/2025

Certification Expiration Date: 11/22/2025

Certification Renewal Date: 11/22/2025

Please note that you have been granted certification because you are certified by one of the partner organizations listed above and must recertify each year. CEI will email you at least 90 days before your certification anniversary date to remind you to update your certification as a condition of your continued certification. You are responsible for ensuring that the contact email address in the system is accurate and

up to date and that the email account is checked regularly so you do not miss any important notifications.

Veterans Recognition Certification firms are encouraged to notify CEI's certification unit within two weeks if any of the following changes occur:

- Ownership changes.
- Changes in control.
- Changes in the host agency's certification status.

If applicable, the North American Industry Classification System (NAICS) codes provided by the host agency have been translated to the following National Institute of Government Purchasing (NIGP) commodity codes using CEI's crosswalk. Please review the following list carefully to ensure all relevant NIGP codes are included. Your firm's name will only appear in CEI's certified vendor directory as a VBP-certified vendor in the specialty area(s) of:

909 - 75 - Site Clean-up, Post-Construction, 913 - 39 - Construction, Pipe Culvert, 913 - 45 - Construction, Sewer and Storm Drain, 913 - 56 - Construction, Utility and Underground Projects, 913 - 59 - Construction and Upgrades, Wastewater Treatment Plant, 913 - 60 - Construction, Water System, Plants, Main and Service Line, 913 - 62 - Construction, Concrete, Pour-In-Place, Form, Place, Finish, 913 - 77 - Maintenance and Repair, Pipe Culvert, 913 - 81 - Maintenance and Repair, Sewer and Storm Drain, Including Removal, 913 - 89 - Maintenance and Repair, Utility and Underground Projects, 913 - 91 - Maintenance and Repair, Wastewater Treatment Plant, 913 - 92 - Maintenance and Repair, Water System, Main and Service Line

Four Chief Procurement Officers (CPOs) exercise the State of Illinois' procurement authority. Each CPO has a separate bulletin that publishes the State's solicitations and bidding opportunities for each portfolio. CEI strongly recommends that all State-certified vendors register with each procurement bulletin to ensure notification of all relevant prime and subcontractor bidding opportunities.

CPO Procurement Websites

- The Chief Procurement Officer of General Services (CPO-GS) oversees the purchases of goods and services for roughly 65 State agencies, boards, and commissions. Learn more about CPO-GS at <https://cpo-general.illinois.gov/>.
- The Chief Procurement Officer of Higher Education (CPO-HE) oversees purchasing by State universities. Learn more about CPO-HE at <https://cpo-highered.illinois.gov/>
- The Chief Procurement Officer of the Capital Development Board (CPO-CDB) oversees vertical construction and construction-related services purchases. Learn more about CPO-CDB at <https://cpo-cdb.illinois.gov/>.
- The Chief Procurement Officer of the Illinois Department of Transportation (CPO-IDOT) oversees horizontal construction and construction-related services purchases. Learn more about CPO-IDOT at <https://cpo-dot.illinois.gov/>.

CEI welcomes your participation in VBP and wishes you continued success. If you have any questions or comments, please email CEI.BEP.Certification@Illinois.gov or call (312) 814-4190.

Sincerely,



Carlos Gutierrez
Certification Manager



**State of Illinois
Domestic/Foreign Corporation Annual Report**

Year 2024 **Corporation File No** 51058542
 FILED November 22, 2024
 Alexi Giannoulas, Secretary of State

1. **Corporate Name** AIRY'S INC.
Registered Agent RYAN E HILL
Registered Office 21825 CHERRY HILL RD
City, IL, Zip Code, County JOLIET, IL 60433-8446 WILL
2. **Principal address of Corporation** 21825 CHERRY HILL ROAD
 JOLIET, IL 60433
- 3a. **State or Country of Incorporation** ILLINOIS **3b. Date Incorporated/Qualified** 12-22-1976

4. **The names and addresses of ALL officers & directors MUST be listed here!**

Officers	
Title Name & Address	PRESIDENT RYAN HILL 21825 CHERRY HILL RO AD JOLIET IL 60433
Title Name & Address	SECRETARY STUART JELM 21825 CHERRY HILL ROAD JOLIET IL 60433
Title Name & Address	ASSISTANT SECRETARY ROBERT NELSON 6437 W 181ST PLACE TINLEY PARK, IL 60477

5. **If 51% or more of the stock is owned by a minority or female, please check the appropriate box**
 Minority Female Both

6. **Number of shares authorized and issued as of 9-30-2024**

Class	Series	Par Value	Number Authorized	Number Issued
COMMON		10.000000	1200	120.000

7. **The amount of paid-in-capital as of 9-30-2024 is \$ 10000**

8. **All property owned by the corporation is located in Illinois and all business transacted by the corporation is in Illinois.**

9. **Under the penalty of perjury and as an authorized officer, I declare that this annual report, pursuant to provisions of the Business Corporation Act, has been examined by me and is, to the best of my knowledge and belief, true, correct and complete.**

By RYAN HILL
 Authorized Officer
PRESIDENT November 22, 2024
 Title & Date

Fee Summary
Franchise Tax: \$0.00
Filing Fee: \$75.00
Penalty: \$0.00
Interest: \$0.00
Total Fee: \$75.00



State of Illinois
Domestic/Foreign Corporation Annual Report

Year **Corporation File No**
 2024 51058542

FILED November 22, 2024
 Alexi Giannoulas, Secretary of State

1. **Corporate Name** AIRY'S INC.
Registered Agent RYAN E HILL
Registered Office 21825 CHERRY HILL RD
City, IL, Zip Code, County JOLIET, IL 60433-8446 WILL

Officers	
Title Name & Address	VICE PRESIDENT THOMAS LAND 21825 CHERRY HILL ROAD JOLIET, IL 60433
Title Name & Address	TREASURER DIANE GLYNN 21825 CHERRY HILL ROAD JOLIET, IL 60433
Title Name & Address	DIRECTOR RYAN HILL 21825 CHERRY HILL ROAD JOLIET, IL 60433
Title Name & Address	DIRECTOR KRISTINE HILL 21825 CHERRY HILL ROAD JOLIET, IL 60433
Title Name & Address	DIRECTOR MARVIN HILL 4467 RACHEL BLVD SPRING HILL, FL 34607
Title Name & Address	

WAGE INCREASE NOTICE

Saturday

LAB APP 4

Effective as of 5/3/2025

To Whom It May Concern:

Re: Apprentice: NARKIS, DAVID A (0195061)

The above-named apprentice has successfully completed the classroom training and hours of field work as required under the apprentice standards for Construction Craft Laborer.

During this phase of apprenticeship, the apprentice is entitled to **90% of Journeyworker scale (\$50.15/hr.)**, which equals **\$45.14 per hour**, along with **full benefits**. Please update your records accordingly.

Should you need further information or have any questions feel free to contact me at 630-653-0006.

Respectively yours,

Derek Roberts

Derek Roberts

Labor Trustees

James P. Conolly, *Chairman*
Michael Blvins
Shawn Fitzgerald
Martin Flanagan

Executive Director

Keith Vitale

Management Trustees

David Lorig, *Secretary*
Seth Gudeman
Shane Higgins
Joseph Koppers



PLUMBERS' J.A.C. LOCAL 130, U.A.
CHICAGO - JOLIET - VOLO

PAI

APPRENTICE DISPATCH NOTICE

?

CONTRACTOR: AIRYS INC.
APPRENTICE: ERUBEY CABRERA **LEVEL:** 2ND 6 MONTHS APPRENTICE
CLASS DAY AND LOCATION: WEDNESDAY - CHICAGO
START DATE: 10/21/2024 **JOB LOCATION:** CALL SHOP FOR INFO.
CONTACT: SHOP - 708-429-0660

Please be advised that the prevailing pay wage is effective on the **START DATE** listed above. Deductions shall be made and submitted to Local Union 130 in accordance with the Collective Bargaining Agreement. Contractor will pay for an eight (8) hour school day and should deduct for absences, leaving early or being tardy. Your apprentice's school day and school location is listed above.

A signed referral slip will follow this notice within seven (7) days.

NOTE TO APPRENTICE: Please arrive on your start date with your Driver's License, Social Security Card and a Voided Check. **YOU MUST PRESENT A CURRENT AND VALID APPRENTICE PLUMBING LICENSE IN ORDER TO SIGN YOUR REFERRAL WITH THE UNION OFFICE.**

APPRENTICE WAGE NOTICE

Effective as of September 17, 2024

Re: Apprentice: **LARRY SHEDWILL**

The above-named apprentice has been accepted into the Chicagoland Laborers' Training and Apprenticeship Program for Construction Craft Laborer. During this first phase of Apprenticeship, the apprentice is entitled to wages at 60% of Journey Workers scale (\$50.15/hr.) which equals \$30.09 per hour along with full benefits.

Initial mandatory Apprenticeship Training will last for one week, Monday through Friday, from 7:00am – 3:30 pm. The location is 5700 W. Homer Street, Chicago, Illinois 60639.

Your training dates are: **Initial Training** September 23 – 27, 2024
OSHA 30 Hour December 16 – 20, 2024

You must wear appropriate work clothing. Work pants (no shorts) and shirts with sleeves (long or short) and safety-toe work boots. Make sure that you are on time, *consider this as you would a job*, take traffic and weather delays into consideration. **Arriving late will count against you.**

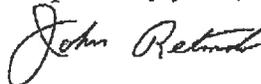
You are required to join the Laborers Union and pay an initiation fee of \$800.00 and quarterly dues of \$120.00 as well as working dues. You have been assigned to:

LIUNA Local 2
 8842 W. Ogden Avenue
 Brookfield, IL 60513
 708-387-1938

Please call your Local immediately at the number above to schedule an appointment to review the necessary information regarding initiation cost, quarterly dues, and all other paperwork requirements.

Failure to comply with this requirement will result in the Suspension of your Apprenticeship classes.

Respectively yours,



John Retondo
 Director of Apprenticeship

*Please see attached.

REFERENCES

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

Bidder's Name: _____
(Enter Name of Business Organization)

1. ORGANIZATION _____
ADDRESS _____
PHONE NUMBER _____
CONTACT PERSON _____
YEAR OF PROJECT _____

2. ORGANIZATION _____
ADDRESS _____
PHONE NUMBER _____
CONTACT PERSON _____
YEAR OF PROJECT _____

3. ORGANIZATION _____
ADDRESS _____
PHONE NUMBER _____
CONTACT PERSON _____
YEAR OF PROJECT _____

Past References – Airy's, Inc.

Public Body/ Project Name/Year	Reference Name/ Phone #	Contract Amount
Village of Rockdale Mound Road LS 2022/2023	Diane Moeller – Robinson Eng. 224.908.3983	\$1,263,599.00
Village of Mokena Emergency 12" Water Main Lining 2023	Dan Peloquin 708.479.3927	\$250,000.00
Illinois American Water Company Country Club CIPP 2022/2023	Eric Lareau 630.739.8837	\$4,392,595.00
City of Palos Heights West College Drive Water Main Lining 2023	Adam Jasinski 708.238.4571	\$975,000.00
Village of Olympia Fields New Lift Station 2022	Terry Lusby 708.679.3529	\$396,069.00
Village of East Hazel Crest Center St Meter Vault Installation & Water Main Installation 2023	Melanie Arnold 815.412.2707	\$791,250.00
Village of Tinley Park Western Pressure Zone Booster Pump Station 2022	John Urbanski 708.444.5550	\$3,436,250.00
Village of Evergreen Park Lift Station Replacement 2023	Gavin Yeaman 708.422.1551	\$875,000.00
IHC Construction Companies Batavia WTF Phase 2 2023	Vince Picardi 630.715.9794	\$5,094,000.00 In Progress
Village of Orland Park Catalina 2024 Subdivision WM 2024/2025	Pat McLaughlin 708.403.6350	\$5,947,987.00 In Progress
City of Lockport Briggs St Pumping Station 2024	Brian Lovering 815.838.0549	\$6,213,700.00 In Progress

Village of Worth Worth Ave Roadway Reconstruction 2024	Ed Urban 708.935.0397	\$932,216.00
Village of Alsip Water Main Improvements 2024	Melanie Arnold 815.412.2707	\$875,500.00
Village of Tinley Park Post 13 LS Improvements 2024	John Urbanski 708.444.5550	\$1,296,500.00
City of Joliet 2024 LS Replacement Program 2024	Nick Gornick 815.405.3666	\$1,882,000.00
Village of Orland Park 60" Culvert Replacement 2024	Pat McLaughling 708.403.6350	\$323,188.00
Village of Matteson Install New Lift Station 2024	Gordon Hardin 708.417.6771	\$341,941.00

Directionally Drilled References

Illinois American Water Company Queenswood Road Rear Yard Water Main Replacement 2022	Eric Lareau 630.739.8837	\$5,863,858.00
Illinois American Water Company DP Inverness Water Main Replacement 2022	Eric Lareau 630.739.8837	\$2,040,021.00
Illinois American Water Company Oneida, Bittersweet, Sitka Water Main Replacement 2022	Eric Lareau 630.739.8837	\$2,149,848.00
Illinois American Water Company CS-Airport S. Wolf Road Water Main Relocation 2022	Eric Lareau 630.739.8837	\$2,311,792.00
Illinois American Water Company Elmwood Stanley Water Main Replacement 2022	Eric Lareau 630.739.8837	\$1,306,195.00
Village of East Hazel Crest Lathrop Ave & 174 th St 2023	Melanie Arnold 815.412.2707	\$449,950.00
Village of Tinley Park Dry Utility Relocation 2023	John Urbanski 708.444.5550	\$233,650.00 In Progress
Village of Park Forest Bore 2" Duct (North St & Lake Blvd) 2023	Nick Christie 708.503.7702	\$24,396.25
Sievert Electric Directional Drill 2" Poly Line 2023	Chris LaMore 708.878.2227	\$4,500.00
Mauro Sewer Construction HDD 12" Ductile Iron 2024	Carmi Lullo 847.878.5078	\$27,900.00
J&S Construction HDD 1" Services 2024	Lou Ruffolo 630.877.7931	\$52,500.00



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.
<p>WORKERS' COMPENSATION & EMPLOYER LIABILITY 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</p> <p>AUTOMOBILE LIABILITY (ISO Form CA 0001) \$1,000,000 – Combined Single Limit Per Occurrence Bodily Injury & Property Damage. Applicable for All Company Vehicles.</p> <p>GENERAL LIABILITY (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</p> <p>ADDITIONAL INSURED ENDORSEMENTS: <i>(Not applicable for Goods Only Purchases)</i></p> <ul style="list-style-type: none"> 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. 	<p>LIABILITY UMBRELLA (Follow Form Policy) <input checked="" type="checkbox"/> \$1,000,000 – Each Occurrence \$1,000,000 – Aggregate <input type="checkbox"/> \$2,000,000 – Each Occurrence \$2,000,000 – Aggregate <input type="checkbox"/> Other: _____ EXCESS MUST COVER: General Liability, Automobile Liability, Employers' Liability</p> <p>PROFESSIONAL LIABILITY <input type="checkbox"/> \$1,000,000 Limit – Claims Made Form, Indicate Retroactive Date <input type="checkbox"/> \$2,000,000 Limit – Claims Made Form, Indicate Retroactive Date <input type="checkbox"/> Other: _____ Deductible not-to-exceed \$50,000 without prior written approval</p> <p><input type="checkbox"/> BUILDERS RISK Completed Property Full Replacement Cost Limits – Structures under construction</p> <p><input type="checkbox"/> ENVIRONMENTAL IMPAIRMENT/POLLUTION LIABILITY \$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</p> <p><input type="checkbox"/> CYBER LIABILITY \$1,000,000 Limit per Data Breach for liability, notification, response, credit monitoring service costs, and software/property damage</p> <p><input type="checkbox"/> CG 20 37 ADDITIONAL INSURED – Completed Operations (Provide only if box is checked)</p>

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 18th DAY OF June, 2025



Signature

Ryan Hill, President

Printed Name & Title

Authorized to execute agreements for:

AIRY'S, Inc.

Name of Company



AIRYIC1

OP ID: SM

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

11/08/2024

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 have ADDITIONAL INSURED provisions or 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).

847-303-6800

PRODUCER
AssuredPartners - Palatine IL
dba Dohn & Maher Associates
4811 Emerson Avenue, Suite 102
Palatine, IL 60067-7416
Carl E. Dohn Jr.

CONTACT NAME:

PHONE (A/C, No, Ext): 847-303-6800

FAX (A/C, No): 847-303-6963

E-MAIL ADDRESS: certificates.dohn@assuredpartners.com

INSURER(S) AFFORDING COVERAGE

NAIC #

INSURER A: United Fire & Casualty Co

13021

INSURER B: Allied World Assurance Co.

19489

INSURER C: Continental Casualty Co A XV

20443

INSURER D:

INSURER E:

INSURER F:

INSURED
Airy's Inc.
21825 Cherry Hill Rd
Joliet, IL 60433

COVERAGES**CERTIFICATE NUMBER:****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 (NSD)	SUBR (WVD)	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR			60543574	09/30/2024	09/30/2025	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
GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:							
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY			60543574	09/30/2024	09/30/2025	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
	<input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY						
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> EXCESS LIAB			60543574	09/30/2024	09/30/2025	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000
	<input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS-MADE						
	DED <input checked="" type="checkbox"/> RETENTION \$ 0						
A	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	WC30304858	09/30/2024	09/30/2025	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> 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
C	Installation Float			7091839599	09/30/2024	09/30/2025	Limits \$4MM
B	Pollution Liab			0312-4110	06/30/2024	06/24/2026	Limits \$3MM/\$3MM

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

CERTIFICATE HOLDER

AIRYSIN

Airy's Inc.
21825 Cherry Hill Rd
Joliet, IL 60433

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

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**BLANKET ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – WITH
PRODUCTS - COMPLETED OPERATIONS COVERAGE - AUTOMATIC STATUS FOR OTHER
PARTIES AND COMPLIANCE WITH WRITTEN CONTRACTUAL REQUIREMENTS
(THROUGH ISO 10/01 COVERAGE OPTIONS)**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

A. Section II – Who Is An Insured is amended to include as an additional insured:

1. Any person or organization for whom you are performing operations when you and such person or organization have agreed in writing in a contract or agreement that such person or organization be added as an additional insured on your policy; and
2. Any other person or organization you are required to add as an additional insured under the contract or agreement described in Paragraph 1. above.

B. The insurance provided to the additional insured is limited as follows:

1. The person or organization is an additional insured only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" which may be imputed to that person or organization directly arising out of:
 - a. Your acts or omissions, or the acts or omissions of those acting on your behalf, in the performance of your ongoing operations specified in the "written contract"; or
 - b. "your work" that is specified in the "written contract" but only for "bodily injury" or "property damage" included in the "products-completed operations hazard", and only if:
 - (1) The "written contract" requires you to provide the additional insured such coverage; and
 - (2) This coverage part provides such coverage; and
 - (3) Such coverage will not apply subsequent to the first to occur of the following:
 - i. The expiration of the period of time required by the "written contract"; or
 - ii. The expiration of any applicable statute of limitations or statute of repose with respect to claims arising out of "your work".
2. If the "written contract" specifically requires you to provide additional insurance coverage via the 04/13 edition of CG2010 (aka CG 20 10 04 13), or via the 04/13 edition of CG2037 (aka CG 20 37 04 13), then in paragraph B.1. above, the words "which may be imputed to that person(s) or organization(s) directly arising out of" are replaced by the words "caused in whole or in part by".
3. If the "written contract" specifically requires you to provide additional insurance coverage via the 07/04 edition of CG2010 (aka CG 20 10 07 04), or via the 07/04 edition of CG2037 (aka CG 20 37 07 04), then in paragraph B.1. above, the words "which may be imputed to that person(s) or organization(s) directly arising out of" are replaced by the words "caused in whole or in part by".
4. If the "written contract" specifically requires you to provide additional insurance coverage via the 10/01 edition of CG2010 (aka CG 20 10 10 01), or via the 10/01 edition of CG2037 (aka CG 20 37 10 01) then in paragraph B.1. above, the words "which may be imputed to that person(s) or organization(s) directly arising out of" are replaced by the words "arising out of".
5. With regards to B.1. and B.2. above only, the following conditions are added:
 - a. The insurance afforded to such additional insured only applies to the extent permitted by law; and
 - b. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

6. The insurance provided to the additional insured does not apply to "bodily injury", "property damage" or "personal and advertising injury" arising out of:
 - a. The rendering of, or failure to render, any professional architectural, engineering or surveying services, including:
 - (1) The preparing, approving or failing to prepare or approve maps, shop drawings, opinions, reports, surveys, field orders, change orders or drawings and specifications; and
 - (2) Supervisory, inspection, architectural or engineering activities.
 - b. Any premises or work for which the additional insured is specifically listed as an additional insured on another endorsement attached to this coverage part.
- C. Only for the purpose of the insurance provided this endorsement, **SECTION V- DEFINITIONS** is amended to add the following definition:

"Written Contract" means a written contract or written agreement that requires you to make a person or organization an additional insured on this Coverage Part, provided the contract or agreement:

 1. Is currently in effect or becoming effective during the term of this policy; and
 2. Was executed prior to:
 - a. The "bodily injury" or "property damage"; or
 - b. The offense that caused the "personal and advertising injury",
for which the additional insured seeks coverage under this coverage part.

For the purposes of this Care, Custody and Control Property Damage Coverage, our right and duty to defend ends when we have paid the Limit of Liability or the Aggregate Limit for each coverage, and we are granted discretion in making payments under this coverage.

15. Subject to 5. of SECTION III – LIMITS OF INSURANCE, the most we will pay for "property damage" under Coverage F - Electronic Data Liability Coverage for loss of "electronic data" is \$50,000 without regard to the number of "occurrences".

SECTION IV - COMMERCIAL GENERAL LIABILITY CONDITIONS

A. The following conditions are amended:

1. Knowledge of Occurrence

a. Condition 2., Items a. and b. are deleted and replaced by the following:

(1) Duties In The Event Of Occurrence, Offense, Claim Or Suit

(a) You must see to it that we are notified as soon as practicable of an "occurrence" or an offense which may result in a claim. Knowledge of an "occurrence" by your agent, servant or employee shall not in itself constitute knowledge of the named insured unless an officer of the named insured has received such notice from the agent, servant or employee. To the extent possible, notice should include:

- i. How, when and where the "occurrence" took place;
- ii. The names and addresses of any injured persons and witnesses, and
- iii. The nature and location of any injury or damage arising out of the "occurrence" or offense.

(b) If a claim is made or "suit" is brought against any insured, you must:

- i. Immediately record the specifics of the claim or "suit" and the date received; and
- ii. Notify us as soon as practicable.

You must see to it that we receive written notice of the claim or "suit" as soon as practicable. Knowledge of a claim or "suit" by your agent, servant or employee shall not in itself constitute knowledge of the named insured unless an officer of the named insured has received such notice from the agent, servant or employee.

2. Where **Broad Form Named Insured** is added in SECTION II – WHO IS AN INSURED of this endorsement, Condition 4. **Other Insurance b. Excess Insurance (1).(a)** is replaced by the following:

(a) Any of the other insurance, whether primary, excess, contingent or on any other basis, that is available to an insured solely by reason of ownership by you of more than 50 percent of the voting stock, and not withstanding any other language in any other policy. This provision does not apply to a policy written to apply specifically in excess of this policy.

B. The following are added:

10. Condition (5) of 2.c.

(5) Upon our request, replace or repair the property covered under Voluntary Property Damage Coverage at your actual cost, excluding profit or overhead.

11. Blanket Waiver Of Subrogation

We waive any right of recovery we may have against any person or organization because of payments we make for injury or damage arising out of: premises owned or occupied by or rented or loaned to you, ongoing operations performed by you or on your behalf, done under a contract with that person or organization, "your work", or "your products". We waive this right where you have agreed to do so as part of a written contract, executed by you before the "bodily injury" or "property damage" occurs or the "personal and advertising injury" offense is committed.

12. Liberalization

If a revision to this Coverage Part, which would provide more coverage with no additional premium becomes effective during the policy period in the state designated for the first Named Insured shown in the Declarations, your policy will automatically provide this additional coverage on the effective date of the revision.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

PRIMARY AND NONCONTRIBUTORY - OTHER INSURANCE CONDITION

This endorsement modifies insurance provided under the following:

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

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

Primary And Noncontributory Insurance

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

- (1) The additional insured is a Named Insured under such other insurance;
- (2) You have agreed in writing in a contract or agreement that this insurance would be primary and would not seek contribution from any other insurance available to the additional insured;
- (3) The additional insured gives us prompt written notice of any "occurrence" which may result in a claim and prompt written notice of "suit";
- (4) The additional insured immediately forwards all legal papers to us, cooperates in the investigation or settlement of the claim or defense against the "suit", and otherwise complies with policy conditions.
- (5) The additional insured must tender the defense and indemnity of any claim or "suit" to any other insurer which also insures against a loss we cover under this policy. This includes, but is not limited to, any insurer which has issued a policy of insurance in which the additional insured qualifies as an insured. For the purpose of this requirement, the term "insures against" refers to any self-insurance and to any insurer which issued a policy of insurance that may provide coverage for the loss, regardless of whether the additional insured has actually requested that the insurer provide the additional insured with a defense and/or indemnity under that policy of insurance.
- (6) The additional insured agrees to make available any other insurance that the additional insured has for a loss we cover under this policy.

(Temporary Substitute Auto Physical Damage)

A. TEMPORARY SUBSTITUTE AUTO PHYSICAL DAMAGE

SECTION I – COVERED AUTOS, paragraph C. Certain Trailers, Mobile Equipment and Temporary Substitute Autos is amended by adding the following at the end of the existing language:

If Physical Damage Coverage is provided under this Coverage form for an "auto" you own, the Physical Damage coverages provided for that owned "auto" are extended to any "auto" you do not own while used with the permission of its owner as a temporary substitute for the covered "auto" you own that is out of service because of its breakdown, repair, servicing, "loss", or destruction

B. BROADENED LIABILITY COVERAGES

SECTION II – LIABILITY COVERAGE in Paragraph A. Coverage at 1. Who Is An Insured is amended to include the following:

(Broad Form Insured)

- d. Any legally incorporated subsidiary in which you own more than 50% of the voting stock on the effective date of the Coverage Form. However, the Named Insured does not include any subsidiary that is an "insured" under any other automobile policy or would be an "insured" under such a policy but for its termination or the exhaustion of its Limit of Insurance.
- e. Any organization that is acquired or formed by you, during the term of this policy and over which you maintain majority ownership. However, the Named Insured does not include any newly formed or acquired organization:
 - (1) That is a joint venture or partnership,
 - (2) That is an "insured" under any other policy,
 - (3) That has exhausted its Limits of Insurance under any other policy, or
 - (4) 180 days or more after its acquisition or formation by you, unless you have given us notice of the acquisition or formation

Coverage does not apply to "bodily injury" or "property damage" that results from an accident that occurred before you formed or acquired the organization.

(Employee as Insureds)

- f. Any employee of yours while acting in the course of your business or your personal affairs while using a covered "auto" you do not own, hire or borrow.

(Additional Insured Status by Contract, Agreement or Permit)

- g. Any person or organization whom you are required to add as an additional insured on this policy under a written contract or agreement; but the written contract or agreement must be:
 - (1) Currently in effect or becoming effective during the term of this policy; and
 - (2) Executed prior to the "bodily injury" or "property damage."

The additional insured status will apply only with respect to your liability for "bodily injury" or "property damage" which may be imputed to that person(s) or organization(s) directly arising out of the ownership, maintenance or use of the covered "autos" at the location(s) designated, if any.

Coverage provided by this endorsement will not exceed the limits of liability required by the written contract or written agreement even if the limits of liability stated in the policy exceed those limits. This endorsement shall not increase the limits stated in **Section II. C. Limits of Insurance.**

For any covered "auto" you own this Coverage Form provides primary coverage.

(Amended Duties in the Event of Accident, Claim, Suit or Loss)

I. AMENDED DUTIES IN THE EVENT OF ACCIDENT, CLAIM, SUIT OR LOSS

Under **SECTION IV – BUSINESS AUTO CONDITIONS, A. Loss Conditions**, the following is added to paragraph **2. Duties In The Event of Accident, Suit or Loss:**

- d. Knowledge of any "accident", "claim", "suit" or "loss" will be deemed knowledge by you when notice of such "accident", "claim", "suit" or "loss" has been received by:
- (1) You, if you are an individual;
 - (2) Any partner or insurance manager if you are a partnership;
 - (3) An executive officer or insurance manager, if you are a corporation;
 - (4) Your members, managers or insurance manager, if you are a limited liability company; or
 - (5) Your officials, trustees, board members or insurance manager, if you are a not-for-profit organization.

(Waiver of Subrogation by Contract)

J. WAIVER OF SUBROGATION REQUIRED BY CONTRACT

Under **SECTION IV, BUSINESS AUTO CONDITIONS, A. Loss Conditions 5. Transfer of Rights of Recovery Against Others to Us** the following language is added:

However, we waive any rights of recovery we may have against the person or organization with whom you have agreed in writing in a contract, agreement or permit, to provide insurance such as is afforded under the policy to which this endorsement is attached. This provision does not apply unless the written contract or written agreement has been executed, or permit has been issued, prior to the "bodily injury" or "property damage."

(Unintentional Failure to Disclose)

K. UNINTENTIONAL FAILURE TO DISCLOSE

Under **SECTION IV – BUSINESS AUTO CONDITIONS, B. General Conditions**, the following is added to **2. Concealment, Misrepresentation Or Fraud:**

Your unintentional error in disclosing, or failing to disclose, any material fact existing at the effective date of this Coverage Form, or during the policy period in connection with any additional hazards, will not prejudice your rights under this Coverage Form.

(Hired, Leased, Rented or Borrowed Auto Physical Damage)

L. HIRED, LEASED, RENTED OR BORROWED AUTO PHYSICAL DAMAGE

Under **SECTION IV – BUSINESS AUTO CONDITIONS B. General Conditions 5. Other Insurance Paragraph 5.b.** is replaced by the following:

- b. (1) For "Comprehensive" and "Collision" Auto Physical Damage coverage provided by this endorsement, the following are deemed to be covered "autos" you own:
- (a) Any Covered "auto" you lease, hire, rent or borrow; and
 - (b) Any Covered "auto" hired or rented by your "employee" under a contract in that individual "employee's" name, with your permission, while performing duties related to the conduct of your business.

However, any "auto" that is leased, hired, rented or borrowed with a driver is not a covered "auto"

(2) Limit of Insurance For This Section

The most we will pay for any one "loss" is the lesser of the following:

- (a) \$75,000 per accident, or
- (b) actual cash value at the time of loss, or
- (c) cost of repair.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

PRIMARY AND NONCONTRIBUTORY – OTHER INSURANCE CONDITION

This endorsement modifies insurance provided under the following:

AUTO DEALERS COVERAGE FORM
BUSINESS AUTO COVERAGE FORM
MOTOR CARRIER COVERAGE FORM

With respect to coverage provided by this endorsement, the provisions of the Coverage Form apply unless modified by the endorsement.

- A.** The following is added to the **Other Insurance Condition** in the Business Auto Coverage Form and the **Other Insurance – Primary And Excess Insurance Provisions** in the Motor Carrier Coverage Form and supersedes any provision to the contrary:
- This Coverage Form's Covered Autos Liability Coverage is primary to and will not seek contribution from any other insurance available to an "insured" under your policy provided that:
1. Such "insured" is a Named Insured under such other insurance; and
 2. You have agreed in writing in a contract or agreement that this insurance would be primary and would not seek contribution from any other insurance available to such "insured".
- B.** The following is added to the **Other Insurance Condition** in the Auto Dealers Coverage Form and supersedes any provision to the contrary:
- This Coverage Form's Covered Autos Liability Coverage and General Liability Coverages are primary to and will not seek contribution from any other insurance available to an "insured" under your policy provided that:
1. Such "insured" is a Named Insured under such other insurance; and
 2. You have agreed in writing in a contract or agreement that this insurance would be primary and would not seek contribution from any other insurance available to such "insured".

WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT

This endorsement changes the policy to which it is attached effective on the inception date of the policy unless a different date is indicated below.

(The following "attaching clause" need be completed only when this endorsement is issued subsequent to preparation of the policy.)

This endorsement, effective on 09/30/2024 at 12:01 A.M. standard time, forms a part of
(DATE)

Policy No. WC30304858 of the United Fire & Casualty Company
(NAME OF INSURANCE COMPANY)

issued to Airy's, Inc.

Premium \$

Authorized Representative

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

Airy's, Inc.
Umbrella Policy #60543574

- (3) Any person or organization having proper temporary custody of your property if you die, but only:
 - (a) With respect to liability arising out of the maintenance or use of that property; and
 - (b) Until your legal representative has been appointed.
 - (4) Your legal representative if you die, but only with respect to duties as such. That representative will have all your rights and duties under this Coverage Part.
- c. Any organization you newly acquire or form, other than a partnership, joint venture or limited liability company, and over which you maintain ownership or majority interest, will qualify as a Named Insured if there is no other similar insurance available to that organization. However:
- (1) Coverage under this provision is afforded only until the 90th day after you acquire or form the organization or the end of the policy period, whichever is earlier;
 - (2) Coverage **A** does not apply to "bodily injury" or "property damage" that occurred before you acquired or formed the organization; and
 - (3) Coverage **B** does not apply to "personal and advertising injury" arising out of an offense committed before you acquired or formed the organization.
2. Only with respect to liability arising out of the ownership, maintenance or use of "covered autos":
- a. You are an insured.
 - b. Anyone else while using with your permission a "covered auto" you own, hire or borrow is also an insured except:
 - (1) The owner or anyone else from whom you hire or borrow a "covered auto". This exception does not apply if the "covered auto" is a trailer or semitrailer connected to a "covered auto" you own.
 - (2) Your "employee" if the "covered auto" is owned by that "employee" or a member of his or her household.
 - (3) Someone using a "covered auto" while he or she is working in a business of selling, servicing, repairing, parking or storing "autos" unless that business is yours.
- (4) Anyone other than your "employees", partners (if you are a partnership), members (if you are a limited liability company), or a lessee or borrower or any of their "employees", while moving property to or from a "covered auto".
 - (5) A partner (if you are a partnership), or a member (if you are a limited liability company) for a "covered auto" owned by him or her or a member of his or her household.
 - (6) "Employees" with respect to "bodily injury" to:
 - (a) Any fellow "employee" of the insured arising out of and in the course of the fellow "employee's" employment or while performing duties related to the conduct of your business; or
 - (b) The spouse, child, parent, brother or sister of that fellow "employee" as a consequence of Paragraph (a) above.
- c. Anyone liable for the conduct of an insured described above is also an insured, but only to the extent of that liability.
3. Any additional insured under any policy of "underlying insurance" will automatically be an insured under this insurance.
- Subject to Section III – Limits Of Insurance, if coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:
- a. Required by the contract or agreement, less any amounts payable by any "underlying insurance"; or
 - b. Available under the applicable Limits of Insurance shown in the Declarations; whichever is less.
- Additional insured coverage provided by this insurance will not be broader than coverage provided by the "underlying insurance".
- No person or organization is an insured with respect to the conduct of any current or past partnership, joint venture or limited liability company that is not shown as a Named Insured in the Declarations.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

PRIMARY AND NONCONTRIBUTORY - OTHER INSURANCE CONDITION

This endorsement modifies insurance provided under the following:

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

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

Primary And Noncontributory Insurance

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

- (1) The additional insured is a Named Insured under such other insurance;
- (2) You have agreed in writing in a contract or agreement that this insurance would be primary and would not seek contribution from any other insurance available to the additional insured;
- (3) The additional insured gives us prompt written notice of any "occurrence" which may result in a claim and prompt written notice of "suit";
- (4) The additional insured immediately forwards all legal papers to us, cooperates in the investigation or settlement of the claim or defense against the "suit", and otherwise complies with policy conditions.
- (5) The additional insured must tender the defense and indemnity of any claim or "suit" to any other insurer which also insures against a loss we cover under this policy. This includes, but is not limited to, any insurer which has issued a policy of insurance in which the additional insured qualifies as an insured. For the purpose of this requirement, the term "insures against" refers to any self-insurance and to any insurer which issued a policy of insurance that may provide coverage for the loss, regardless of whether the additional insured has actually requested that the insurer provide the additional insured with a defense and/or indemnity under that policy of insurance.
- (6) The additional insured agrees to make available any other insurance that the additional insured has for a loss we cover under this policy.

Airy's, Inc.
Policy #60543574

COMMERCIAL LIABILITY UMBRELLA
CU 24 80 12 19

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**WAIVER OF TRANSFER OF RIGHTS OF RECOVERY
AGAINST OTHERS TO US (WAIVER OF SUBROGATION) –
AUTOMATIC**

This endorsement modifies insurance provided under the following:

COMMERCIAL LIABILITY UMBRELLA COVERAGE PART

The following is added to Paragraph 9. **Transfer Of Rights Of Recovery Against Others To Us** of Section IV – **Conditions**:

We waive any right of recovery against any person or organization, because of any payment we make under this Coverage Part, to whom the insured has waived its right of recovery in a written contract or agreement. Such waiver by us applies only to the extent that the insured has waived its right of recovery against such person or organization prior to loss.



21825 Cherry Hill Road • Joliet, IL 60433
(708) 429-0660 • www.airys.com • Fax: (708) 429-0795

Village of Orland Park – 2025 Sanitary Manhole Rehabilitation Program ITB#25-037

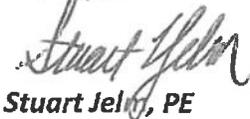
RE: Technical Proposal

Airy's, Inc. is a family-run Service Disabled Veteran-Owned Business located in Joliet, IL. Airy's was established in 1965 by its namesake and WWII Army Air Corps Veteran, Arie B. Hill as a residential plumbing contractor. Ryan Hill, Arie's grandson and Air Force Veteran pilot, is its current majority owner and operator. Airy's takes pride in completing work in a timely, cost-effective way while incorporating the Air Force core values of "integrity first, service before self, and excellence in all we do" into each and every project. With a focus on safety and experience spanning over 57 years, Airy's, Inc. is a full-service contractor with expertise in all aspects of underground construction. Airy's started as a mom and pop plumbing company and has now evolved into water and sewer main installation and repair, lift station construction, pump stations, directional drilling, sewer jetting, hydro-excavation, and much, much more. Airy's is the "go-to" when a sewer or water issue arises and a municipal public works department or private water company needs reinforcements. We take pride in supporting local communities with 24/7 on call support for their toughest problems to guarantee safe drinking water and wastewater disposal for all.

- Prequalified by the Illinois Department of Transportation for \$61,968,000 total work on hand through 4/30/2026
- Certified by the US Army Corps of Engineers in Construction Quality Management for Contractors (CQM-C)
- DUNS: 051072700 | CAGE: 6C2K3
- Illinois Central Management Services Service-Disabled Veteran Owned Small Business (SDVOSB) Certified

Please see attached for work experience with corresponding references and project team resumes.

Thank you,



Stuart Jelm, PE

Chief Estimator / Project Manager

Office-708.429.0660

stuart.jelm@airys.com

SJ

STUART JELM

stuart.jelm@airys.com | (815) 955-5634 | Joliet, IL 60433

Skills

- Purchasing and invoicing
- Vendor and subcontractor management
- Budgeting and cost control
- Project development and management

Experience

Airy's, Inc. | Joliet, Illinois
Project Manager/Estimator
01/2019 - Current

- Manage entire projects from initial concept through completion, including water main, sanitary and storm sewer installation.
- Utilize project schematics, drawings and specifications to complete detailed and highly accurate take-offs.
- Establish project budgets and track expenditure on jobs worth up to 5 million dollars.
- Communicate regularly with subcontractors and vendors, and oversee operations of subcontractors and vendors to optimize cost savings and complete all projects in a safe and timely manner.

Instituform Technologies USA, LLC. | IL
Field Engineer/Project Manager
01/2017 - 01/2019

- Managed entire projects from initial concept through completion, including water main, sanitary and storm sewer installation.
- Established project budgets and track expenditure on jobs worth up to 20 million dollars.
- Communicated regularly with subcontractors and vendors, and oversaw subcontractors and vendors to optimize safety and complete all projects in a safe and timely manner.

Primus Electronics Corporation
Sales Representative
01/2014 - 01/2017

- Developed and managed tower modification branch of the company.
- Analyzed sales reports and industry trends to project future purchasing needs.

W-T Civil Engineering, LLC.
Project Engineer/Project Designer
01/2011 - 01/2014

- Civil and structural engineering experience including: production of site grading and utility plan sheets within governing codes and guidelines; provision of preliminary cost estimates for various projects, and generation of eminent domain reports and plan sets.

Education and Training

Valparaiso University | Valparaiso, IN
Bachelor of Science in Civil Engineering

Certifications

- Professional Engineer, Illinois License No. 062.070884
- NASSCO PACP Certified U-1117-07007960
- CPR Certified
- OSHA 10 Certified

THOMAS LAND

21825 Cherry Hill Rd, Joliet, IL 60433 · Office: 708-429-0660
Thomas.land@airys.com

EXPERIENCE

1999 – PRESENT

VICE PRESIDENT, AIRY'S INC.

In charge of supervising and organizing all field employees on many different job sites. Review prospective jobs before they are to be considered one worth estimating and reviews them after they are estimated. Communicate and problem solve with field employees, office employees, and subcontractors. Review invoicing and billing to ensure all money amounts are correct.

1992 – 1999

SUPERINTENDENT, AIRY'S INC.

Supervise and organize the crews in the field. Oversee job sites to make sure all work is done safely and properly. Solve any problems that affect safety or productivity.

1989-1992

FOREMAN, AIRY'S INC.

Making sure that my crew completed jobs properly and safely. Bringing the right tools and equipment to the jobs.

1987-1989

LABORER, AIRY'S INC.

Ensure proper and safe installation of underground utilities.

1987-1989

OLD STYLE BUILDING MAINTENANCE, SELF-EMPLOYED

EDUCATION

CLASS OF '79

HIGH SCHOOL DIPLOMA, CARL SANDBURG HIGH SCHOOL

OSHA 10 HR, OSHA 30 HR, OSHA COMPETENT PERSON, OSHA CONFINED SPACE ENTRY

Ryan Elic Hill

21464 S. Redwood Lane, Shorewood, Illinois 60404-7543 | 708-259-0009 | ryan@hillfam5.com | <https://www.linkedin.com/in/ryanehill/>

Flight Experience

- First Officer | GoJet Airlines, Inc. | *Chicago-O'Hare International Airport* June 2012 – July 2014
Safely operate the CRJ-700 Regional Jet within the United Airlines system
- First Officer | Chicago Express Airlines, Inc. | *Chicago-Midway Airport* February 2002 – April 2003
Safely operate the Saab 340B Turboprop Airliner on behalf of ATA Airlines, Inc.
- Contract Pilot | Executive Flight Management | *Chicago-Midway Airport* January 2001 – January 2002
Safely operate the IAI Westwind 1 business jet in the FAR part 91/135 environments
- Intern – Training Department | Atlas Air | *NATCO Training Center - MSP* March 2000 – April 2000
Successful completion of ground school on the operation of the 747-400 Electronic Flight Management System, Autopilot, LNAV, VNAV, Flight Planning, Systems Operations, Crew Coordination, and Emergency Procedures.
Training included observation and participation in the -200 and -400 level D simulators

Work Experience / Military Service

- Owner | Patriot Capital Ventures, LLC | *Shorewood, Illinois* February 2018 – Present
Direct responsibility and ownership of all estimating, receivables, payables, financial record keeping, procurement, contract administration, and human resource functions
- President | Airy's, Inc. | *Tinley Park, Illinois* June 1997 - Present
Direct responsibility and ownership of all estimating, receivables, payables, financial record keeping, procurement, contract administration, and human resource functions
Responsible for all OSHA compliance, job-site safety evaluations and training
Participated in union labor negotiations between the Mid America Bargaining Assoc. (MARBA) and the Laborers' District Council of Greater Chicago (LDCGC)
- MQ9 Pilot | Michigan Air National Guard | *110th Attack Wing | Battle Creek, Michigan* August 2016- Present
Clearance Level – TOP SECRET (TS)/Sensitive Compartmented Information (SCI) (valid through 2024)
- Logistics Officer | Illinois Air National Guard | *183d Fighter Wing | Springfield, Illinois* April 2010 – August 2016

Consulting and Advisory Relationships

- Adjunct Professor | Lewis University | *Aviation Department | Romeoville, Illinois* February 2014 - Present
Instruct undergraduate aviation students on the fundamentals of electrical, hydraulic, and pneumatic systems operation as they relate to the Bombardier CRJ family of aircraft and sUAS operations
- Trustee | Chicago Laborer's Health and Welfare Fund | *Westchester, Illinois* June 2011 – December 2011
- Director | Underground Contractors Association of Illinois | *Itasca, Illinois* March 2004 – June 2008
- Chairman | Underground Contractors Association of Illinois | *Itasca, Illinois* March 2005 – March 2007

Education

Air Force Institute of Technology | Wright-Patterson AFB, Ohio

Master Certificate, Nuclear Weapons Effects, Policy, and Proliferation January 2019 – Present

Lewis University | Romeoville, Illinois

Master of Science (M.S.), Aviation and Transportation

GPA 3.97/4.00

June 2011-December 2015

Lewis University | Romeoville, Illinois

Bachelor of Science (B.S.), Aviation Flight Management – Aircraft Systems Specialization

Activities and Societies: Men's Golf Team, Phi Kappa Theta Fraternity

August 1997 – August 2000

Community College of the Air Force | Maxwell AFB, Alabama

Associate of Science (A.S.), Information Systems Technology

June 2014

Certifications and Flight Time

FAA

Airline Transport Pilot Certificate – Multi Engine

Commercial Pilot – Single Engine Land & Sea

Private Pilot Rotorcraft

Small Unmanned Aircraft Pilot Certificate

First Class Medical Certificate

USAF

Remotely Piloted Aircraft Initial Qualification Course

Remotely Piloted Aircraft Fundamentals Course

MQ-9 Reaper Initial Qualification Course

MQ-9 Reaper Mission Qualification Course

Manned Flight Time

Total Flight Time	3237	Total Turbine	1864
Total Multi Engine	2210	Turbine PIC	149
Total Pilot In Command	1310	Turbine SIC	1715

Unmanned Flight Time

MQ-9 Flight Time	426
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BRIAN LAYHEW

1600 Sycamore St.
Peru, IL 61354

815.503.2193
Brian.Layhew@gmail.com

Airy's Inc. Director of Health and Safety

03-2024-Current

- Conduct weekly safety inspections across all job sites to evaluate compliance with company and OSHA standards, focusing on personal protective equipment (PPE), functional equipment, tools, and overall site safety conditions.
- Develop, implement, and enforce comprehensive safety protocols and policies tailored to high-risk construction environments, ensuring alignment with OSHA regulations and industry best practices.
- Lead quarterly safety meetings for all employees, utilizing detailed presentations to address recent safety incidents, review standard operating procedures, and promote a culture of proactive hazard identification and mitigation.
- Oversee the preparation and delivery of targeted safety training programs, including scaffold safety, excavation safety, and directional drilling safety, ensuring employees are fully certified and competent before engaging in high-risk tasks.
- Conduct job hazard analyses (JHAs) for all new tasks and projects, breaking down work processes into steps to identify potential hazards and implement appropriate control measures.
- Perform regular hazard assessments at construction sites, ensuring the identification, elimination, or mitigation of risks, and maintaining detailed records for employee review and compliance audits.
- Facilitate the development and maintenance of site-specific Job Site Safety Plans, including emergency action plans, hazard communication, and Focus Four Hazard reviews to address critical safety concerns.
- Act as the primary point of contact for safety-related concerns, empowering employees to halt work in unsafe conditions and fostering open communication between management and laborers.
- Conduct annual reviews of the company's safety policies and procedures in collaboration with management and employee representatives, analyzing incident trends, near-misses, and OSHA 300 logs to set actionable safety goals.
- Oversee the maintenance and inspection of all equipment and machinery, ensuring adherence to a strict maintenance schedule to prevent workplace injuries and equipment failures.
- Manage and enforce the company's disciplinary policy for safety violations, ensuring accountability at all levels while emphasizing education and corrective actions.
- Supervise and evaluate third-party contractors to ensure compliance with Airy's Inc. safety standards and OSHA regulations, promoting a unified commitment to workplace safety.
- Provide safety orientation and site-specific training for new hires and visitors, ensuring they understand potential hazards and safety expectations before entering the worksite.
- Develop and maintain an emergency response framework, including fire prevention plans, confined space entry protocols, and proper storage of hazardous and flammable materials.
- Collaborate with supervisors to ensure hazard warnings, Safety Data Sheets (SDS), and proper labeling of chemicals are readily available and communicated effectively to employees.
- Maintain a robust system for tracking and documenting employee safety training, ensuring compliance with refresher training requirements and identifying areas for improvement.
- Lead the company's recognition program for outstanding safety performance, fostering employee engagement and reinforcing a positive safety culture.
- Monitor and evaluate the effectiveness of safety programs through periodic audits, employee feedback, and performance metrics, driving continuous improvement initiatives.
- Represent the company in external safety audits and inspections, demonstrating a commitment to excellence in occupational health and safety practices.

Certifications

- OSHA 30
- Excavation Safety in Construction

MILITARY TRAINING

Lackland AFB, San Antonio TX Basic Military Training	August, 2000
Sheppard AFB, Wichita Falls TX C-130 Maintenance Follow On Training	May, 2000
Pensacola Naval Base, Pensacola FL SV80 Water Survival	May, 2005
Fairchild AFB, Spokane WA SV80 Combat Survival	June, 2005
Little Rock AFB, Little Rock AR C-130 Loadmaster Mission Qualification	October, 2005
Little Rock AFB, Little Rock AR C-130 Flight Engineer Mission Qualification	November, 2008
MARCH ARB, MORENO VALLEY CA MQ-9 SENSOR OPERATOR MISSION QUALIFICATION (DISTINGUISHED GRADUATE)	JUNE, 2020
Little Rock AFB, Little Rock AR Crew Resource Management (CRM) Certification	May, 2021

DEPLOYMENTS

- MINHAD AB, UAE 2003 IN SUPPORT OF OIF
- AL UDEID AB, QATAR 2004 IN SUPPORT OF OIF/OEF
- BAGRAM AB, AFGHANISTAN 2007 IN SUPPORT OF OEF
- BAGRAM AB, AFGHANISTAN 2010 IN SUPPORT OF OEF

AWARDS AND DECORATIONS

- Meritorious Service Medal
- Air Medal with 2 Oak Leaf Clusters
- Aerial Achievement Medal with 1 Oak Leaf Cluster
- Air Force Achievement Medal
- Meritorious Unit Award
- Air Force Outstanding Unit Award
- Combat Readiness Medal
- Air Reserve Forces Meritorious Service Medal
- National Defense Service Medal
- Afghanistan Campaign Medal
- GWOT Expeditionary Service Medal
- Air Force Expeditionary Service Ribbon with 2 Oak Leaf Clusters
- Air Force Longevity Service Award
- Armed Forces Reserve Medal with "M" device

- Small Arms Expert Marksmanship
- Perfect Attendance
- Good Conduct Medal
- Basic Training Graduation
- Nato Medal

FLIGHT CREW EXPERIENCE AND DUTIES

Sensor Operator MQ-9

01/18-10/2023

➤ Responsibilities

- Conduct reconnaissance and surveillance missions over potential targets and areas of interest
- Employ the use of synthetic aperture radar, electro-optical, low-light, and infrared full-motion video imagery
- Enhance and optimize picture quality in all fields of view and sensor gimble modes ranging from Digital DayTV to infrared for image quality and target integrity
- Aiding the aircraft commander in determining effective weapon control and delivery tactics
- Work to locate forces and determine the hostile intentions and possible tactics of the enemy
- Operate laser targeting or marking systems that provide target identification and illumination for weapons delivery
- Perform vehicle and personnel tracking/following procedures to ensure target verification and build pattern of life intelligence
- Conduct CDE scans that encompass an entire target area in order to mitigate additional damage from weapons employment
- **Security Clearance Level:** TS/SCI granted October 2018

Total Hours Flown: 681.1

Combat Hours Flown: 574.2

Total Sorties: 226

Combat Sorties: 169

Mission Planning/Execution 183d Wing Air Mobility Operations Squadron

01/15-01/18

➤ Responsibilities

- Coordination with Requirements Personnel to determine capability of C-130 Airlift for mission planning
- Building and maintenance of strong relationships with representatives across all military branches to optimize mission success
- Completion of mission planning for bulk cargo, troop movement, and air drops
- Assurance that all missions are in compliance with Air Force regulations regarding crew duty days and crew rest
- Coordination with various Air Force agencies to determine airfield capabilities for mission effectiveness
- Secure appropriate clearance to ensure proper utilization of foreign airspace when the mission dictates

**Flight Engineer
C-130**

03/08-01/15

➤ **Responsibilities**

- Computation of takeoff, climb, cruise and landing data
- Adjustment of engine controls in coordination with the pilot to maintain required power during climb and cruise flight conditions
- Maintenance of power plant cruise control data
- Operation of system controls and regulation of aircraft electrical system
- Management of cabin air to provide proper cabin ventilation, pressurization and temperature
- Operation of all anti-icing systems
- Initiate auxiliary power unit to provide auxiliary power, as required
- Operate exterior light panel as required for formation or night operations
- Monitor engine instruments, system indicators and control devices for proper performance and limitations.
- Continuous monitoring of turbine inlet temperature indicators, tachometers and torquemeters and report any unusual conditions to the pilot immediately
- Scan circuit breakers, fuel flow, temperatures and pressure indicators, electrical voltage and loads, and cabin pressure control and altitude indicators
- Observe warning and/or caution/advisory lights and fire detection indicators and report abnormal conditions to pilot along with recommended corrective action plans
- Troubleshoot and repair malfunctioning airplane systems in flight
- Perform pre-flight and postflight inspections
- Supervise the removal and replacement of all airplane system components if qualified maintenance personnel are not available
- Management of fuel utilization during periods of long flight
- Performance of emergency procedure actions as required by the flight manual and/or the pilot

Total Hours Flown:472

Total Sorties Flown: 310

Combat Hours Flown: 106.9

Combat Sorties Flown: 100

NVG Hours: 105

**169 AIRLIFT SQUADRON, PEORIA IL ANGB
LOADMASTER
C-130**

10/05-03/08

➤ **Responsibilities**

- Preplanning all airplane cargo loads according to mission requirements for transport or airdrop
- Supervision of all personnel involved in loading/offloading operations
- Configuration of aircraft cargo compartment for optimal performance against specific mission goals and all types of aerial delivery missions

- Computation of aircraft weight and balance and leadership of appropriate preflight and postflight inspections
- Operation of airplane systems pertaining to loading/offloading/cargo management operations including; proper restraint of cargo, air drop systems, and passengers, management of cargo and restraint adjustments, performance of in flight scanning of aircraft systems, and supervision of passengers
- Facilitate communication with pilot regarding malfunctions and recommend corrective action pertaining to airplane loading/offloading and aerial delivery operations
- Execution of emergency procedure actions as required by applicable directives and/or the pilot

Total Hours Flown: 521.1

Total Sorties Flown: 349

Combat Hours Flown: 61.9

Combat Sorties Flown: 76

NVG Hours: 42.3

THE AMERICAN INSTITUTE OF ARCHITECTS

AIA Document A310 Bid Bond

KNOW ALL MEN BY THESE PRESENTS, THAT WE Airy's, Inc.

21825 Cherry Hill Road Joliet, IL 60433

as Principal, hereinafter called the Principal, and Swiss Re Corporate Solutions Premier Insurance Corporation

1200 Main Street, Suite 800, Kansas City, MO 64105

a corporation duly organized under the laws of the State of MO

as Surety, hereinafter called the Surety, are held and firmly bound unto Village of Orland Park

14700 S Ravinia Ave Orland Park, IL 60462

as Obligee, hereinafter called the Obligee, in the sum of Ten Percent of Amount Bid

Dollars (\$ 10%),

for the payment of which sum well and truly to be made, the said Principal and the said Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has submitted a bid for ITB #25-037, 2025 Sanitary Manhole Rehabilitation Program

NOW, THEREFORE, if the Obligee shall accept the bid of the Principal and the Principal shall enter into a Contract with the Obligee in accordance with the terms of such bid, and give such bond or bonds as may be specified in the bidding or Contract Documents with good and sufficient surety for the faithful performance of such Contract and for the prompt payment of labor and materials furnished in the prosecution thereof, or in the event of the failure of the Principal to enter such Contract and give such bond or bonds, if the Principal shall pay to the Obligee the difference not to exceed the penalty hereof between the amount specified in said bid and such larger amount for which the Obligee may in good faith contract with another party to perform the Work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect.

Signed and sealed this 18th day of June, 2025

Stuart Glem
(Witness)



Airy's, Inc. (Principal)

(Seal)

President
(Title)

Calvin Welch
(Witness)



Swiss Re Corporate Solutions Premier Insurance Corporation
(Surety) (Seal)

By:

Laura Priester
Attorney-in-Fact Laura Priester

(Title)

Surety Phone No. 847-273-1300

SWISS RE CORPORATE SOLUTIONS

SWISS RE CORPORATE SOLUTIONS AMERICA INSURANCE CORPORATION ("SRCSAIC")
SWISS RE CORPORATE SOLUTIONS PREMIER INSURANCE CORPORATION ("SRCSPIC")

GENERAL POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, THAT SRCSAIC, a corporation duly organized and existing under laws of the State of Missouri, and having its principal office in the City of Kansas City, Missouri, and SRCSPIC, a corporation organized and existing under the laws of the State of Missouri and having its principal office in the City of Kansas City, Missouri, each does hereby make, constitute, and appoint: Laura Priester

Principal: Airy's, Inc.
Obligee: Village of Orland Park
Bond Description: ITB #25-037, 2025 Sanitary Manhole Rehabilitation Program
Bond Number: Bid Bond
Bond Amount: See Bond Form

Its true and lawful Attorney(s)-in-Fact, to make, execute, seal and deliver, for and on its behalf and as its act and deed, bonds or other writings obligatory in the nature of a bond on behalf of each of said Companies, as surety, on contracts of suretyship as are or may be required or permitted by law, regulation, contract or otherwise, provided that no bond or undertaking or contract or suretyship executed under this authority shall exceed the amount of:

FIFTY MILLION (\$50,000,000.00) DOLLARS

This Power of Attorney is granted and is signed by facsimile under and by the authority of the following Resolutions adopted by the Boards of Directors of both SRCSAIC and SRCSPIC at meetings duly called and held on the 9th of May 2012:

"RESOLVED, that any two of the President, any Managing Director, any Senior Vice President, any Vice President, the Secretary or any Assistant Secretary be, and each or any of them hereby is, authorized to execute a Power of Attorney qualifying the attorney named in the given Power of Attorney to execute on behalf of the Corporation bonds, undertakings and all contracts of surety, and that each or any of them hereby is authorized to attest to the execution of any such Power of Attorney and to attach therein the seal of the Corporation; and it is

FURTHER RESOLVED, that the signature of such officers and the seal of the Corporation may be affixed to any such Power of Attorney or to any certificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signatures or facsimile seal shall be binding upon the Corporation when so affixed and in the future with regard to any bond, undertaking or contract of surety to which it is attached."



By Erik Janssens, Senior Vice President of SRCSAIC & Senior Vice President of SRCSPIC

By Gerald Jagrowski, Vice President of SRCSAIC & Vice President of SRCSPIC

IN WITNESS WHEREOF, SRCSAIC and SRCSPIC have caused their official seals to be hereunto affixed, and these presents to be signed by their authorized officers this 10TH day of NOVEMBER, 20 22

Swiss Re Corporate Solutions America Insurance Corporation
Swiss Re Corporate Solutions Premier Insurance Corporation

State of Illinois
County of Cook

On this 10TH day of NOVEMBER, 20 22, before me, a Notary Public personally appeared Erik Janssens, Senior Vice President of SRCSAIC and Senior Vice President of SRCSPIC and Gerald Jagrowski, Vice President of SRCSAIC and Vice President of SRCSPIC, personally known to me, who being by me duly sworn, acknowledged that they signed the above Power of Attorney as officers of and acknowledged said instrument to be the voluntary act and deed of their respective companies.



Christina Manisco, Notary

I, Jeffrey Goldberg, the duly elected Senior Vice President and Assistant Secretary of SRCSAIC and SRCSPIC, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney given by said SRCSAIC and SRCSPIC, which is still in full force and effect.
IN WITNESS WHEREOF, I have set my hand and affixed the seals of the Companies this 18th day of June, 2025.

Jeffrey Goldberg, Senior Vice President & Assistant Secretary of SRCSAIC and SRCSPIC



AIRYIC1

OP ID: EW

CERTIFICATE OF LIABILITY INSURANCEDATE (MM/DD/YYYY)
07/14/2025

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 have ADDITIONAL INSURED provisions or 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 AssuredPartners - Palatine IL dba Dohn & Maher Associates 4811 Emerson Avenue, Suite 102 Palatine, IL 60067-7416 Carl E. Dohn Jr.	847-303-6800	CONTACT NAME: PHONE (A/C, No, Ext): 847-303-6800 FAX (A/C, No): 847-303-6963 E-MAIL ADDRESS: certificates.dohn@assuredpartners.com
	INSURER(S) AFFORDING COVERAGE	
INSURED Airy's Inc. 21825 Cherry Hill Rd Joliet, IL 60433	INSURER A: United Fire & Casualty Co	NAIC # 13021
	INSURER B: Allied World Assurance Co.	19489
	INSURER C: Continental Casualty Co A XV	20443
	INSURER D:	
	INSURER E:	
	INSURER F:	

COVERAGES **CERTIFICATE NUMBER:** **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 CERTIFICATION 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	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:	X	X	60543574	09/30/2024	09/30/2025	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
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY			60543574	09/30/2024	09/30/2025	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR EXCESS LIAB CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 0			60543574	09/30/2024	09/30/2025	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000
A	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input type="checkbox"/> Y <input checked="" type="checkbox"/> N If yes, describe under DESCRIPTION OF OPERATIONS below		N/A	WC30304858	09/30/2024	09/30/2025	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> 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
C	Installation Float			7091839599	09/30/2024	09/30/2025	Limits \$4MM
B	Pollution Liab			0312-4110	06/30/2024	06/24/2026	Limits \$3MM/\$3MM

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

RE: Job # ITB25-037 - 2025 Sanitary Sewer Manhole Rehabilitation Program.
 The following are included as Additional Insured to General Liability (coverage form attached) on a Primary and Non-Contributory basis as required by written contract with respects to work performed by the Named Insured: Village of Orland Park, its officers, agents and employees see attached

CERTIFICATE HOLDER Village Orland Park Finance Department 14700 Ravinia Ave. 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

NOTEPAD:

HOLDER CODE **VLGORLP**
INSURED'S NAME **Airy's Inc.**

AIRYIC1
OP ID: EW

PAGE 2
Date **07/14/2025**

A Waiver of Subrogation in favor of the Additional Insureds is included under the General Liability and Workers Compensation coverage as required by written contract.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**BLANKET ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – WITH
PRODUCTS - COMPLETED OPERATIONS COVERAGE - AUTOMATIC STATUS FOR OTHER
PARTIES AND COMPLIANCE WITH WRITTEN CONTRACTUAL REQUIREMENTS
(THROUGH ISO 10/01 COVERAGE OPTIONS)**

This endorsement modifies insurance provided under the following:
COMMERCIAL GENERAL LIABILITY COVERAGE PART

A. Section II – Who Is An Insured is amended to include as an additional insured:

1. Any person or organization for whom you are performing operations when you and such person or organization have agreed in writing in a contract or agreement that such person or organization be added as an additional insured on your policy; and
2. Any other person or organization you are required to add as an additional insured under the contract or agreement described in Paragraph 1. above.

B. The insurance provided to the additional insured is limited as follows:

1. The person or organization is an additional insured only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" which may be imputed to that person or organization directly arising out of:
 - a. Your acts or omissions, or the acts or omissions of those acting on your behalf, in the performance of your ongoing operations specified in the "written contract"; or
 - b. "your work" that is specified in the "written contract" but only for "bodily injury" or "property damage" included in the "products-completed operations hazard", and only if:
 - (1) The "written contract" requires you to provide the additional insured such coverage; and
 - (2) This coverage part provides such coverage; and
 - (3) Such coverage will not apply subsequent to the first to occur of the following:
 - i. The expiration of the period of time required by the "written contract"; or
 - ii. The expiration of any applicable statute of limitations or statute of repose with respect to claims arising out of "your work".
2. If the "written contract" specifically requires you to provide additional insurance coverage via the 04/13 edition of CG2010 (aka CG 20 10 04 13), or via the 04/13 edition of CG2037 (aka CG 20 37 04 13), then in paragraph B.1. above, the words "which may be imputed to that person(s) or organization(s) directly arising out of" are replaced by the words "caused in whole or in part by".
3. If the "written contract" specifically requires you to provide additional insurance coverage via the 07/04 edition of CG2010 (aka CG 20 10 07 04), or via the 07/04 edition of CG2037 (aka CG 20 37 07 04), then in paragraph B.1. above, the words "which may be imputed to that person(s) or organization(s) directly arising out of" are replaced by the words "caused in whole or in part by".
4. If the "written contract" specifically requires you to provide additional insurance coverage via the 10/01 edition of CG2010 (aka CG 20 10 10 01), or via the 10/01 edition of CG2037 (aka CG 20 37 10 01) then in paragraph B.1. above, the words "which may be imputed to that person(s) or organization(s) directly arising out of" are replaced by the words "arising out of".
5. With regards to B.1. and B.2. above only, the following conditions are added;
 - a. The insurance afforded to such additional insured only applies to the extent permitted by law; and
 - b. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

6. The insurance provided to the additional insured does not apply to "bodily injury", "property damage" or "personal and advertising injury" arising out of:
 - a. The rendering of, or failure to render, any professional architectural, engineering or surveying services, including:
 - (1) The preparing, approving or failing to prepare or approve maps, shop drawings, opinions, reports, surveys, field orders, change orders or drawings and specifications; and
 - (2) Supervisory, inspection, architectural or engineering activities.
 - b. Any premises or work for which the additional insured is specifically listed as an additional insured on another endorsement attached to this coverage part.
- C. Only for the purpose of the insurance provided this endorsement, **SECTION V- DEFINITIONS** is amended to add the following definition:

"Written Contract" means a written contract or written agreement that requires you to make a person or organization an additional insured on this Coverage Part, provided the contract or agreement:

 1. Is currently in effect or becoming effective during the term of this policy; and
 2. Was executed prior to:
 - a. The "bodily injury" or "property damage"; or
 - b. The offense that caused the "personal and advertising injury",
for which the additional insured seeks coverage under this coverage part.

For the purposes of this Care, Custody and Control Property Damage Coverage, our right and duty to defend ends when we have paid the Limit of Liability or the Aggregate Limit for each coverage, and we are granted discretion in making payments under this coverage.

15. Subject to 5. of SECTION III – LIMITS OF INSURANCE, the most we will pay for "property damage" under Coverage F - Electronic Data Liability Coverage for loss of "electronic data" is \$50,000 without regard to the number of "occurrences".

SECTION IV - COMMERCIAL GENERAL LIABILITY CONDITIONS

A. The following conditions are amended:

1. Knowledge of Occurrence

a. Condition 2., Items a. and b. are deleted and replaced by the following:

(1) Duties In The Event Of Occurrence, Offense, Claim Or Suit

(a) You must see to it that we are notified as soon as practicable of an "occurrence" or an offense which may result in a claim. Knowledge of an "occurrence" by your agent, servant or employee shall not in itself constitute knowledge of the named insured unless an officer of the named insured has received such notice from the agent, servant or employee. To the extent possible, notice should include:

- i. How, when and where the "occurrence" took place;
- ii. The names and addresses of any injured persons and witnesses, and
- iii. The nature and location of any injury or damage arising out of the "occurrence" or offense.

(b) If a claim is made or "suit" is brought against any insured, you must:

- i. Immediately record the specifics of the claim or "suit" and the date received; and
- ii. Notify us as soon as practicable.

You must see to it that we receive written notice of the claim or "suit" as soon as practicable. Knowledge of a claim or "suit" by your agent, servant or employee shall not in itself constitute knowledge of the named insured unless an officer of the named insured has received such notice from the agent, servant or employee.

2. Where **Broad Form Named Insured** is added in SECTION II – WHO IS AN INSURED of this endorsement, Condition 4. **Other Insurance b. Excess Insurance (1).(a)** is replaced by the following:

(a) Any of the other insurance, whether primary, excess, contingent or on any other basis, that is available to an insured solely by reason of ownership by you of more than 50 percent of the voting stock, and not withstanding any other language in any other policy. This provision does not apply to a policy written to apply specifically in excess of this policy.

B. The following are added:

10. Condition (5) of 2.c.

(5) Upon our request, replace or repair the property covered under Voluntary Property Damage Coverage at your actual cost, excluding profit or overhead.

11. Blanket Waiver Of Subrogation

We waive any right of recovery we may have against any person or organization because of payments we make for injury or damage arising out of: premises owned or occupied by or rented or loaned to you, ongoing operations performed by you or on your behalf, done under a contract with that person or organization, "your work", or "your products". We waive this right where you have agreed to do so as part of a written contract, executed by you before the "bodily injury" or "property damage" occurs or the "personal and advertising injury" offense is committed.

12. Liberalization

If a revision to this Coverage Part, which would provide more coverage with no additional premium becomes effective during the policy period in the state designated for the first Named Insured shown in the Declarations, your policy will automatically provide this additional coverage on the effective date of the revision.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

PRIMARY AND NONCONTRIBUTORY - OTHER INSURANCE CONDITION

This endorsement modifies insurance provided under the following:

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

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

Primary And Noncontributory Insurance

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

- (1) The additional insured is a Named Insured under such other insurance;
- (2) You have agreed in writing in a contract or agreement that this insurance would be primary and would not seek contribution from any other insurance available to the additional insured;
- (3) The additional insured gives us prompt written notice of any "occurrence" which may result in a claim and prompt written notice of "suit";
- (4) The additional insured immediately forwards all legal papers to us, cooperates in the investigation or settlement of the claim or defense against the "suit", and otherwise complies with policy conditions.
- (5) The additional insured must tender the defense and indemnity of any claim or "suit" to any other insurer which also insures against a loss we cover under this policy. This includes, but is not limited to, any insurer which has issued a policy of insurance in which the additional insured qualifies as an insured. For the purpose of this requirement, the term "insures against" refers to any self-insurance and to any insurer which issued a policy of insurance that may provide coverage for the loss, regardless of whether the additional insured has actually requested that the insurer provide the additional insured with a defense and/or indemnity under that policy of insurance.
- (6) The additional insured agrees to make available any other insurance that the additional insured has for a loss we cover under this policy.

WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT

This endorsement changes the policy to which it is attached effective on the inception date of the policy unless a different date is indicated below.

(The following "attaching clause" need be completed only when this endorsement is issued subsequent to preparation of the policy.)

This endorsement, effective on 09/30/2024 at 12:01 A.M. standard time, forms a part of
(DATE)

Policy No. WC30304858 of the United Fire & Casualty Company
(NAME OF INSURANCE COMPANY)

issued to Airy's, Inc.

Premium \$

Authorized Representative

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

We will not enforce our right against any person or organization with whom the insured has agreed, in a written contract or agreement executed prior to the accident or loss, that this right will be waived for work performed by you for that person or organization.

This agreement shall not operate directly or indirectly to benefit any one not specifically identified in a qualifying contract or agreement.



Contractual Risk Transfer Evaluation Summary

Date 7/17/25

Vendor/Contractor Name: Airy's Inc.
 Contract/Project Name/ #: 2025 Sanitary Sewer Manhole Rehabilitation Program
 Contract Type: Contractor Prof. Srvs Goods Only MSA
 MSA Title _____
 Type of Work: Manhole Rehab.
 Contract/Project Summary: 2025 Sanitary Sewer Manhole Rehabilitation Program
 Policy Expiration Date: 9/30/25

Required Coverages/Limits – Per Contract:

Compliant:

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

Required Endorsements:

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

Additional Coverages/Revisions Approved:

Orland Park Hold Harmless/Indemnity Agreement Accepted: Yes No

Notes / Additional Comments:

Contractual Risk Transfer: Acceptable Not Acceptable

Samantha Cooper

From: Joel Van Essen
Sent: Tuesday, July 8, 2025 8:26 AM
To: Mike Mazza; Brian Fei; Patrick McLaughlin; Jack Neven; Andrew Folkerts; Ivana Lisnich; Samantha Cooper; Samuel Brokop; Scott Hiland; Sean Faulkner; Ken Dado; Tyler Hartman; Anne Skrodzki; Christopher Bobek
Cc: Brandi Watson
Subject: BOT Items 7.7.25- All Items Approved for PW
Categories: Village Events

Anne,
 Would appreciate a confirmation for items below.

At the 7/7 Board of Trustees, the items below were approved during the consent agenda for items J, K, L, N, & O with a 7-0 votes at the A, B, C, and I which the resolution for MFT funds was approved at the 12:47 mark of video below. (Item P,Q, and S were voted individually.)
 For PW item, Trustee Lawler read the motion at 16:50 mark, and Board passed at 18:27 mark with a 7-0 vote.
<https://www.youtube.com/watch?v=E3Ef0m-bevo>

*A-O and R approved as written on consent agenda
 JMS*

PW Staff,
Board Meeting:

	<u>Action</u>	<u>Item</u>
	<u>To do</u>	
✓	On consent: 2025-0501 Andy	Purchase and Installation of one (1) Henderson Mark III Dump Body Start Contract process for order <i>I move to approve the waiver of the competitive bid process in favor of participation in joint purchasing cooperative National Purchasing Partners pursuant to contract PS22170 and authorize the approval and execution of a vendor contract with Henderson Products of Huntley, Illinois, for the purchase and installation of one (1) Henderson Mark III dump body with hydraulic package based on Henderson Products' proposal dated June 11, 2025, for a total not to exceed cost of \$46,171.14. AND Authorize the Village Manager to execute all related contracts, subject to the Village Attorney review.</i>
✓	2025-0502 Andy Ordinance	Disposal of Village Equipment (Online Auction) – PW Dept – Start Auction process <i>I move to pass Ordinance Number __, entitled: AN ORDINANCE AUTHORIZING DISPOSAL BY PUBLIC AUCTION OF PERSONAL PROPERTY OWNED BY THE VILLAGE OF ORLAND PARK, ILLINOIS.</i>
✓	2025-0538 Pat/Samantha 037	2025 Sanitary Sewer Manhole Rehabilitation Program - ITB 25- Start Contract process <i>I move to authorize the approval and execution of a Contractor Agreement between the Village of Orland Park and Airys, Inc., of Joliet, IL, as the lowest qualified responsive bidder for ITB 25-037 2025 Sanitary Sewer Manhole Rehabilitation Program for a cost of \$368,974.00 plus a contingency of \$36,800.00, for a total not-to-exceed contract price of \$405,774.00; AND Authorize the Village Manager to execute all related contracts, subject to Village Attorney review; AND Authorize the Village Manager to approve change orders related to this contract within the authorized amount.</i>
✓	2025-0542 Jack/Chris/Samantha 039)	2025 Sidewalk Replacement Program Part 2 (ITB 25- Start Contract process <i>I move to approve and authorize the execution of a Contractor Agreement between the Village of Orland Park and Strada Construction Co. of Addison, Illinois, as the lowest qualified responsive bidder for ITB 25-039 2025 Sidewalk Replacement</i>

Program Part 2 for a cost of \$551,679.12 plus a contingency of \$50,000.00 for a total not-to-exceed contract price of \$601,679.12; AND Authorize the Village Manager to execute all related contracts. subject to Village Attorney review; AND Authorize the Village Manager to approve change orders related to this contract within the authorized amount.

- √ 2025-0554 Brian/Jack 2025 Resolution for Improvement Under the Illinois Highway Code-Rebuild Illinois Funds- 2026 Neighborhood Roadway Resurfacing Project Get signed resolution and send to Kevin(IDOT)/ 2026- Award portion of road program with Rebuild funds

I move to recommend to the Village Board to pass a Resolution entitled: RESOLUTION FOR IMPROVEMENT UNDER THE ILLINOIS HIGHWAY CODE, related to the expenditure of RBI Funds for the 2026 Neighborhood Roadway Resurfacing Project.

√ In PW Section:

- 2025-0554 Mike/Samantha 2025 Facility Electrical Maintenance Support- Change Order #1 and Contract Amendment A Start Change Order process

I move to approve and authorize the execution of Change Order #1 and Contract Addendum A to the original contract dated December 16, 2024, with Dav-Com Electric, Inc. of Orland Park, Illinois, for 2025 Facility Electrical Maintenance Support to increase the total not to exceed contract amount by \$79,440.00 to \$157,080.00 as outlined in Proposal 25-167-18 dated April 16, 2025, plus carry-over of the existing contingency of \$7,764.00 for a total not to exceed contract amount of \$164,844.00. 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.

authorized as written jms

Other Items of Interest:

- a. All the Trustees send their thank you for the support of PW for 4th of July event.
- b. US 250 year so if there is something special planned, please include in your budgets.
- c. COW: Doogan Park Descoping Pickleball courts and move them to back of Splex- A lot of residents input- Decision is to table and bring back more info on questions raised.
- d. COW/BOT: Budget Amendment- Includes tree pruning move from capital to operating. Passed with 4-3 vote.
- e. COW/BOT: Adoption of MOUs for AFSCME for uniforms and Facing Dash Cameras. Passed with a 5-2 vote.
- f. COW: Short brief on Astound- High Speed Fiber Install.- Mayor requested some spot checks on door hangers being placed.
- g. COW: Leo and Rich Miller- To clear things up. Rich (civilian) was to work P/T. But due to his commitments with his new job, he couldn't meet the required amount of time. Mutually agreed to stop P/T. Leo sold for \$1 to handler. They are going to get another dog.
- h. COW: Lead Services or 4 homes. They want to have a cost recovery plan.

Joel

Joel Van Essen | Public Works Director
Village of Orland Park
15655 Ravinia Avenue | Orland Park, Illinois 60462
Ph. 708.403.6350 | jvanessen@orlandpark.org



From: Jessica Schram
To: Samantha Cooper; Ryan Hill
Cc: David Katula; Stuart Jelm; Patrick McLaughlin; archana.kuchimanchi@rjnmail.com
Subject: RE: CONTRACT - 2025 Sanitary Sewer Manhole Rehabilitation Program ITB 25-037
Date: Wednesday, July 23, 2025 1:59:34 PM
Attachments: Image001.png

[External Mail] Use caution with links and attachments.

Samantha,

Ryan has received and e-signed the contract.

We understand the project drawings will be attached after the execution.

Let me know if there is anything else I can do on our end!

Thank you,

Jessica Schram

Project Accountant
Airy's Inc.
21825 Cherry Hill Road
Joliet, IL 60433
Office: 708-429-0660
Call: 815-735-1034
jessica.schram@airys.com

From: Samantha Cooper <scooper@orlandpark.org>
Sent: Wednesday, July 23, 2025 1:43 PM
To: Ryan Hill <ryan.hill@airys.com>
Cc: David Katula <david.katula@airys.com>; Stuart Jelm <stuart.jelm@airys.com>; Patrick McLaughlin <PMcLaughlin@orlandpark.org>; archana.kuchimanchi@rjnmail.com; Jessica Schram <jessica.schram@airys.com>
Subject: CONTRACT - 2025 Sanitary Sewer Manhole Rehabilitation Program ITB 25-037

Good afternoon,

We have received everything necessary to proceed with executing the contract. Shortly, Mr. Hill should receive an email with a link to e-sign the contract. If you don't see it, please check your spam folder. If still you don't see it, please let me know so I can troubleshoot on my end.

The full contract would also include the project drawings, but to attach them to the e-sign document makes the file too large to go through the BidNet system. Can you please confirm via this email chain that you understand the projects drawings will be attached after execution? I will make sure you get the FULLY executed contract with the drawings.

Thank you,

Samantha Cooper | Public Works Executive Assistant
Village of Orland Park
15655 S. Ravinia Avenue | Orland Park, Illinois 60462
Ph. 708.403.6244 | scooper@orlandpark.org

 ORLAND PARK

From: Samantha Cooper
Sent: Thursday, July 17, 2025 2:13 PM
To: Jessica Schram <jessica.schram@airys.com>
Cc: David Katula <david.katula@airys.com>; Stuart Jelm <stuart.jelm@airys.com>; Patrick McLaughlin <PMcLaughlin@orlandpark.org>; archana.kuchimanchi@rjnmail.com
Subject: RE: NOA - 2025 Sanitary Sewer Manhole Rehabilitation Program ITB 25-037

Good afternoon,

The insurance has been approved, so I will get the contract drafted and let you know when it's on the way for execution.

Thanks!

Samantha Cooper | Public Works Executive Assistant
Village of Orland Park
15655 S. Ravinia Avenue | Orland Park, Illinois 60462
Ph. 708.403.6244 | scooper@orlandpark.org



From: Jessica Schram <jessica.schram@airys.com>
Sent: Wednesday, July 16, 2025 2:19 PM
To: Samantha Cooper <scooper@orlandpark.org>
Cc: David Katula <david.katula@airys.com>; Stuart Jelm <stuart.jelm@airys.com>; Patrick McLaughlin <PMclaughlin@orlandpark.org>;
archana.kuchimanchi@rjnmail.com
Subject: RE: NOA - 2025 Sanitary Sewer Manhole Rehabilitation Program ITB 25-037

[External Mail] Use caution with links and attachments.

Hi Samantha,

See the revised COI attached.

Please let me know if this works or if there's anything else needing to be changed or added!

Thank you,

Jessica Schram

Project Accountant
Airy's Inc.
21825 Cherry Hill Road
Joliet, IL 60433
Office: 708-429-0660
Cell: 815-735-1034
jessica.schram@airys.com

From: Samantha Cooper <scooper@orlandpark.org>
Sent: Wednesday, July 16, 2025 1:09 PM
To: Jessica Schram <jessica.schram@airys.com>
Cc: David Katula <david.katula@airys.com>; Stuart Jelm <stuart.jelm@airys.com>; Patrick McLaughlin <PMclaughlin@orlandpark.org>;
archana.kuchimanchi@rjnmail.com
Subject: RE: NOA - 2025 Sanitary Sewer Manhole Rehabilitation Program ITB 25-037

Hi Jessica,

The Risk Manager reviewed the insurance, and is advising the following items are still needed:

- Primary & Non-Contributory Additional Insured Endorsement (ISO CG 20 01)
- General Liability Subrogation Waiver

Can you please submit those at your convenience?

Thanks,

Samantha Cooper | Public Works Executive Assistant
Village of Orland Park
15655 S. Ravinia Avenue | Orland Park, Illinois 60462
Ph. 708.403.6244 | scooper@orlandpark.org



From: Jessica Schram <jessica.schram@airys.com>
Sent: Tuesday, July 15, 2025 2:28 PM
To: Samantha Cooper <scooper@orlandpark.org>
Cc: David Katula <david.katula@airys.com>; Stuart Jelm <stuart.jelm@airys.com>; Patrick McLaughlin <PMclaughlin@orlandpark.org>;
archana.kuchimanchi@rjnmail.com

Subject: RE: NOA - 2025 Sanitary Sewer Manhole Rehabilitation Program ITB 25-037

[External Mail] Use caution with links and attachments.

Samantha,

Perfect, sounds good!

Thank you,

Jessica Schram

Project Accountant
Airy's Inc.
21825 Cherry Hill Road
Joliet, IL 60433
Office: 708-429-0660
Cell: 815-735-1034
jessica.schram@airys.com

From: Samantha Cooper <scooper@orlandpark.org>
Sent: Tuesday, July 15, 2025 1:36 PM
To: Jessica Schram <jessica.schram@airys.com>
Cc: David Katula <david.katula@airys.com>; Stuart Jelm <stuart.jelm@airys.com>; Patrick McLaughlin <PMcLaughlin@orlandpark.org>; archana.kuchimanchi@rijnmail.com
Subject: RE: NOA - 2025 Sanitary Sewer Manhole Rehabilitation Program ITB 25-037

Thank you! I will have our Risk Manager review the insurance and let you know.

You can have the original signed bonds brought to the pre-con, if you'd like.

Samantha Cooper | Public Works Executive Assistant
Village of Orland Park
15655 S. Ravinia Avenue | Orland Park, Illinois 60462
Ph. 708.403.6244 | scooper@orlandpark.org



From: Jessica Schram <jessica.schram@airys.com>
Sent: Tuesday, July 15, 2025 11:38 AM
To: Samantha Cooper <scooper@orlandpark.org>
Cc: David Katula <david.katula@airys.com>; Stuart Jelm <stuart.jelm@airys.com>; Patrick McLaughlin <PMcLaughlin@orlandpark.org>; archana.kuchimanchi@rijnmail.com
Subject: RE: NOA - 2025 Sanitary Sewer Manhole Rehabilitation Program ITB 25-037

[External Mail] Use caution with links and attachments.

Good morning,

Please see attached for the COI and contract bonds.

Feel free to contact me with any questions or concerns!

Thank you,

Jessica Schram

Project Accountant
Airy's Inc.
21825 Cherry Hill Road
Joliet, IL 60433
Office: 708-429-0660
Cell: 815-735-1034
jessica.schram@airys.com

From: Stuart Jelm <stuart.jelm@airys.com>
Sent: Monday, July 14, 2025 10:06 AM
To: Jessica Schram <jessica.schram@airys.com>
Cc: David Katula <david.katula@airys.com>
Subject: FW: NOA - 2025 Sanitary Sewer Manhole Rehabilitation Program ITB 25-037

Jess,

Lets get the bond and COI put together.

Job# 25-1202 (E25-202)

Stuart Jelm, PE
Chief Estimator
Airy's Inc.
815.955.5634

From: Samantha Cooper <scooper@orlandpark.org>
Sent: Monday, July 14, 2025 10:04 AM
To: estimating <estimating@airys.com>
Cc: Patrick McLaughlin <PMcLaughlin@orlandpark.org>; Archana Kuchimanchi <archana.kuchimanchi@rijnmail.com>
Subject: NOA - 2025 Sanitary Sewer Manhole Rehabilitation Program ITB 25-037

Dear Mr. Jelm,

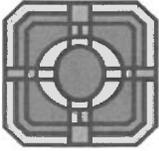
The attached Notice of Award is to inform you that on July 7, 2025, the Village of Orland Park Board of Trustees approved awarding Airy's Inc. the contract for the 2025 Sanitary Sewer Manhole Rehabilitation Program ITB 25-037. Please review it carefully.

If you have any questions, please let us know.

Thank you,

Samantha Cooper | Public Works Executive Assistant
Village of Orland Park
15655 S. Ravinia Avenue | Orland Park, Illinois 60462
Ph. 708.403.6244 | scooper@orlandpark.org

 ORLAND PARK



VILLAGE OF ORLAND PARK

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

Master

File Number: 2025-0538

File ID: 2025-0538

Type: MOTION

Status: PASSED

Version: 0

Reference:

Controlling Body: Board of Trustees

File Created Date : 06/26/2025

Agenda Entry: 2025 Sanitary Sewer Manhole Rehabilitation Program - ITB 25-037

Final Action: 07/07/2025

Title: 2025 Sanitary Sewer Manhole Rehabilitation Program - ITB 25-037

Notes:

Sponsors:

Res/Ord Date:

Attachments: Bid - Airy's, Bid - Insituform Technologies USA, Bid - Kim Construction Company, Bid - National Power Rodding Corp, ITB 25-037 - Audit Report, ITB 25-037 - Bid Compliance Summary

Res/Ord Number:

Drafter:

Hearing Date:

Department

Effective Date:

Contact:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
0	Public Works Department	06/26/2025	INTRODUCED TO BOARD	Board of Trustees			
0	Board of Trustees	07/07/2025	APPROVED				Pass

Text of Legislative File 2025-0538

..Title

2025 Sanitary Sewer Manhole Rehabilitation Program - ITB 25-037

History

The Metropolitan Water Reclamation District of Greater Chicago (MWRD) governs the Village's sanitary sewer system. MWRD requires sanitary sewer systems that discharge into MWRD facilities to implement measures to reduce excessive Infiltration and Inflow (I&I) from entering the system.

In 2015, the village selected RJN Group, Inc., of Joliet, Illinois ("RJN Group") as the Comprehensive Sanitary Sewer Evaluation Consultant to develop and implement a village-wide comprehensive evaluation and repair program in order to meet the MWRD

requirements for the Inflow and Infiltration Control Program (IICP).

In 2016, RJN Group conducted comprehensive flow monitoring for the village sanitary sewer system. Based on those results, three sewer basin areas came up as the highest priority. One of these basins was also identified as the Short-Term High Priority Area and was submitted to the MWRD for the IICP. Through several testing and inspection programs over the past years, RJN and staff have identified “high priority” defects requiring rehabilitation or repair. RJN Group assisted Village staff with the development of a list of recommended repairs to begin a multi-year sanitary sewer system rehabilitation to meet MWRD compliance.

In 2024, the Village solicited engineering firms to continue the sanitary sewer evaluation and repair program for the Village, and in December 2024, RJN was approved again by the Board for another five (5) year contract.

Invitation to Bid (ITB) 25-037 for the 2025 Sanitary Sewer Manhole Rehabilitation Program work was published on BidNet Direct from June 4 through June 18, 2025. The project consists of the rehabilitation of approximately eighty-three (83) sanitary manholes, which includes sealing and adjusting manhole frames, replacing frames and covers, installing internal chimney seals, installing a barrel section and cone, grouting joints and full manholes, cementitious sealing, epoxy coating, repairing bench and trough, and all related work as further described in the Special Provisions and Plan Set. Through Bidnet, eight (8) vendors were sent courtesy emails, twenty-one (21) vendors downloaded all of the bid documents, and four (4) bids were submitted for consideration. Bids were opened publicly and evaluated for completeness by the Clerk’s Office at 11:00 a.m. on Wednesday, June 18. A summary of the bids is as follows:

- Airys, Inc., of Joliet, IL - \$368,974.00
- Kim Construction Company Inc., of Steger, IL - \$397,110.00
- National Power Rodding Corp., of Chicago, IL - \$478,250.00
- Insituform Technologies USA, LLC, of Chesterfield, MO - \$655,329.00

Village staff and RJN Group reviewed the bids, and the cost estimates were evaluated/compared for similar past work related to sanitary manhole rehabilitation and deemed fair and reasonable.

The Village of Orland Park, RJN Group, and many other villages have had positive experiences working with Airys, Inc. on sanitary rehabilitation projects. Therefore, Village staff is recommending Airys, Inc., of Joliet, Illinois, the lowest bidder, be awarded the 2025 Sanitary Manhole Rehabilitation Project in an amount of \$368,974.00, plus a \$36,800.00 contingency, for a total not-to-exceed contract price of \$405,774.00. Contingency is being requested for possible manhole replacement instead of rehab due to the enhanced deteriorated condition of some manholes or anything that comes up unexpectedly during the sanitary manhole rehabilitation project.

Financial Impact

Funds are available for this project in the FY2025 Sanitary Sewer budget account

5008160-570500.

Recommended Action/Motion

I move to approve authorizing the approval and execution of a Contractor Agreement between the Village of Orland Park and Airys, Inc., of Joliet, IL, as the lowest qualified responsive bidder for ITB 25-037 2025 Sanitary Sewer Manhole Rehabilitation Program for a cost of \$368,974.00 plus a contingency of \$36,800.00, for a total not-to-exceed contract price of \$405,774.00;

AND

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

AND

Authorize the Village Manager to approve change orders related to this contract within the authorized amount.

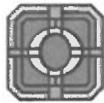
MAYOR

James Dodge

VILLAGE CLERK

Mary Ryan Norwell

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



**ORLAND
PARK**

FINANCE

TRUSTEES

William R. Healy

Cynthia Nelson Katsenes

Michael R. Milani

Dina M. Lawrence

John Lawler

Joanna M. Liotine Leafblad

July 14, 2025

Stuart Jelms
Airy's Inc.
21825 Cherry Hill Rd
Joliet, IL 60433

NOTICE OF AWARD – 2025 Sanitary Sewer Manhole Rehabilitation Program ITB 25-037

Dear Mr. Jelms,

This notification is to inform you that on July 7, 2025, the Village of Orland Park Board of Trustees approved awarding Airy's Inc. the contract in accordance with the proposal you submitted dated June 18, 2025, for 2025 Sanitary Sewer Manhole Rehabilitation Program ITB 25-037 for \$368,974.00 plus a contingency of \$36,800.00, for a total not to exceed amount of four hundred five thousand seven hundred seventy-four and 00/100 (\$405,774.00) Dollars. The contingency may not be spent without prior written approval by the Village through a Change Order Request.

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 July 28, 2025

- Submit electronically a **Certificate of Insurance** which must be accompanied by **all required policy endorsements** from your insurance company in accordance with all of the Insurance Requirements for a) primary & non-contributory additional insured status, b) the General Liability subrogation waiver and c) the Workers' Compensation subrogation waiver, per the Insurance Requirements. You may contact the Village's Contractual Risk Manager, Dan Letourneau at 630-846-8862 or ltcrs2019@gmail.com.
- Performance and Payment Bonds dated July 7, 2025, are to be submitted to Samantha Cooper, Executive Assistant, at 15655 S. Ravinia Ave, Orland Park, IL 60462.

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,

A handwritten signature in black ink that reads "Patrick McLaughlin". The signature is written in a cursive style with a large, prominent initial "P" and "M".

Patrick McLaughlin
Utilities Operations Manager

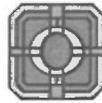
MAYOR

James Dodge

VILLAGE CLERK

Mary Ryan Norwell

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



**ORLAND
PARK**

FINANCE

TRUSTEES

William R. Healy
Cynthia Nelson Katsenes
Michael R. Milani
Dina M. Lawrence
John Lawler
Joanna M. Liotine Leafblad

August 4, 2025

Stuart Jelm
Airy's Inc.
21825 Cherry Hill Rd
Joliet, IL 60433

NOTICE TO PROCEED – 2025 Sanitary Sewer Manhole Rehabilitation Program ITB 25-037

Dear Mr. Jelm,

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

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

The Village has processed Contract Number #20250349 for this contract/service. 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 Contract Number.

Sincerely,

Patrick McLaughlin
Utilities Operations Manager

