

AGREEMENT FOR PROFESSIONAL SERVICES

THIS AGREEMENT, MADE AS OF THIS 6th day of May 2025, by and between the City of Joliet, Illinois, an Illinois Municipal Corporation, (hereinafter called the "City") and Trotter and Associates Inc., (hereinafter called the "Consultant"), collectively referred to as the "Parties" herein, is an AGREEMENT for professional services.

NOW, THEREFORE, the City and the Consultant in consideration of the mutual covenants hereinafter set forth agree as follows:

SECTION 1 – SERVICES OF THE CONSULTANT

- 1.1 The Project scope of work is defined in the attached Letter Proposal dated April 8th, 2025.
- 1.2 The City and the Consultant, by mutual agreement, shall determine the final schedule.
- 1.3 The Consultant shall perform its services consistent with the professional skill and care ordinarily provided by Consultants in their line of work. The Consultant will use their best professional judgment in the course of the work. Design criteria, guidelines and other standards shall be supplemented by the professional judgment of the Consultant. Deviations from design criteria, guidelines and other standards shall be called to the attention of the City's representative.

SECTION 2 – THE CITY'S RESPONSIBILITIES

The City will:

- 2.1 Provide full information as to the requirements for the Project in a timely manner in which the Consultant may reasonably rely on with regard to its completeness and accuracy.
- 2.2 Designate in writing a person to act as the City's representative with respect to the work to be performed under this Agreement; and such person shall have complete authority to transmit instructions, receive information, interpret, and define the City's policies and decisions with respect to materials, equipment elements and systems pertinent to the work covered by this Agreement.
- 2.3 Guarantee access to and make all provisions for the Consultant to enter upon the City's facilities as required for the Consultant to perform their work under this Agreement.
- 2.4 Examine all studies, reports and other documents presented by the Consultant and shall render decisions pertaining thereto within seven (7) calendar days from receipt so as not to delay the work of the Consultant.
- 2.5 Obtain approval of all governmental authorities having jurisdiction over the Project and such approvals and consents from such other individuals or bodies as may be necessary for completion of the Project.

SECTION 3 – PAYMENTS TO THE CONSULTANT

3.1 The City will pay the Consultant for the professional services performed under SECTION 1, in an amount not to exceed \$136,300.00

3.2 Invoices for payment shall be submitted by Consultant to the City, together with reasonable supporting documentation. The City may require such additional supporting documentation as City reasonably deems necessary or desirable. Payment to Consultant shall be made in accordance with the Illinois Local Government Prompt Payment Act, after City's receipt of an invoice and all such supporting documentation.

3.3 Payment to the Consultant for expenses associated with direct costs or reimbursable expenses, as dictated by the Agreement and/or Scope of Services, shall be made upon presentation of receipts for costs or expenses.

SECTION 4 – TIME OF COMPLETION

4.1 The Consultant shall complete the project within 210 days of the date of execution of this Agreement, subject to time extensions to such schedule arising from delays beyond Consultant's control. To the extent Consultant is impacted by such delays, Consultant shall be entitled to an adjustment to its schedule for performance.

4.2 Time is of the essence for this Agreement.

4.3 The Consultant shall commence work within ten (10) calendar days of the date of execution of this Agreement or such other time mutually agreed to by the Parties in writing.

4.4 The Consultant may request an extension to complete the scope of work, and the City may grant such extension in a subsequent contract amendment.

SECTION 5 – RIGHTS TO DELIVERABLES

5.1 Deliverables, as defined in the Scope of Work, shall become the City's permanent property upon payment by the City to the Consultant.

5.2 Consultant shall not use photographs of the Deliverables for project competition, awards of any nature, project testimonials, presentations, advertising, proposals, professional papers, public display, or any other use without obtaining prior written approval from the City's representative. Any photographs taken of City property in the execution of the Consultant's work may not be re-used by the Consultant for project competition, awards of any nature, project testimonials, advertising, proposals, presentations, professional papers, public display, or any other use without obtaining prior written approval from the City's representative.

SECTION 6 – REMOVAL AND REPLACEMENT OF PERSONNEL

6.1 Consultant (for the duration of the term of the Agreement) will not, without obtaining the City's prior written consent not to be unreasonably withheld, replace, or alter the assignment of its

lead personnel, to the extent their respective availability is reasonably within the Consultant's control.

6.2 Consultant shall promptly remove any person assigned to perform the Services in the event of notification by the City that he/she is no longer acceptable, irrespective of any prior City consent. Replacement of lead personnel, prior to assignment, will be subject to the City's approval, which shall not be unreasonably withheld.

6.3 A violation by Consultant of paragraph 6.1 and/or 6.2 may be considered a substantial and material breach of Agreement, for which termination and damages otherwise provided by Law or the Agreement may be claimed.

6.4 The City's right to request the removal of Consultant's personnel from the Services as set forth in paragraph 6.2 does not expressly or implicitly create an employer-employee relationship between the City and personnel assigned by Consultant. Such a relationship is expressly denied herein by Consultant and the City.

SECTION 7 – INSURANCE

The Consultant shall maintain for the duration of the Agreement, insurance purchased from a company, or companies lawfully authorized to do business in the State of Illinois and having a rating of at least A-minus as rated by A.M. Best Ratings. Such insurance will protect the Consultant from claims set forth below which may arise out of or result from the Consultant's operations under the agreement and for which the Consultant may be legally liable, whether such operations be by the Consultant or by a SubConsultant or by anyone directly or indirectly employed by any of them, or by anyone for whose acts any of them may be liable:

Worker's Compensation Insurance covering all liability of the Consultant arising under the Workers' Compensation Act and Occupational Diseases Act; limits of liability not less than statutory requirements.

Employers Liability covering all liability of Consultant as employer, with limits not less than: \$1,000,000 per injury – per occurrence; \$1,000,000 per disease – per employee; and \$1,000,000 per disease – policy limit.

Comprehensive General Liability in a broad form on an occurrence basis, to include but not be limited to, coverage for the following where exposure exists; Premises/Operations, Contractual Liability, Products/Completed Operations for 2 years following final payment, Independent Consultant's coverage to respond to claims for damages because of bodily injury, sickness or disease, or death of any person other than the successful proposers employees as well as claims for damages insured by usual personal injury liability coverage which are sustained (1) by a person as a result of an offense directly or indirectly related to employment of such person by the Consultant, or (2) by another person and claims for damages, other than to the Work itself, because of injury to or destruction of tangible property, including loss of use there from; Broad Form Property Damage Endorsement;

General Aggregate Limit \$ 2,000,000

Each Occurrence Limit \$ 1,000,000

Automobile Liability Insurance shall be maintained to respond to claims for damages because of bodily injury, death of a person or property damage arising out of ownership, maintenance, or use of a motor vehicle. This policy shall be written to cover any auto whether owned, leased, hired, or borrowed.

Each Occurrence Limit \$1,000,000

Professional Liability Insurance shall be maintained to respond to claims for damages due to the Consultant's errors and omissions.

Errors and Omissions \$1,000,000

Consultant agrees that with respect to the above required insurance:

1. The CGL policy shall be endorsed for the general aggregate to apply on an annual basis.
2. To provide separate endorsements: to name the City of Joliet and its officers and employees as additional insured as their interest may appear, and to provide 30 days' notice, in writing, of cancellation or material change.
3. The Consultant's insurance shall be primary in the event of a claim.
4. The City of Joliet shall be provided with Certificates of Insurance and endorsements evidencing the above-required insurance, prior to commencement of an agreement and thereafter with certificates evidencing renewals or replacements of said policies of insurance at least thirty (30) days prior to the expiration of cancellation of any such policies.
5. A Certificate of Insurance that states the City of Joliet and its officers and employees have been endorsed as an "additional insured" by the Consultant's general liability and automobile liability insurance carrier. Specifically, this Certificate must include the following language: "The City of Joliet and its officers and employees are, and have been endorsed, as an additional insured under the above reference policy number 83SBAFV7857 on a primary and non-contributory basis for general liability and automobile liability coverage for the duration of the contract term."

Failure to Comply: In the event the Consultant fails to obtain or maintain any insurance coverage required under this Agreement, the City of Joliet may purchase such insurance coverage and charge the expense thereof to the Consultant. Such insurance shall be maintained in full force and effect during the life of the Agreement and shall protect the Consultant, its employees, agents and representatives from claims for damages, for personal injury and death and for damage to property arising in any manner from the negligent or wrongful acts or failures to act by the Consultant, its employees, agents and representatives in the performance of the work covered by the Agreement. The Consultant shall also indemnify and save harmless the City from any claims against, or

liabilities incurred by the Consultant of any type or nature to any person, firm or corporation arising from the Consultant's wrongful or negligent performance of the work covered by the Agreement.

SECTION 8 – SUCCESSORS AND ASSIGNS

The City and the Consultant each binds himself and his partners, successors, executors, administrators and assigns to the other party of this Agreement and to the partners, successors, executors, administrators and assigns of such other party, in respect to all covenants of this Agreement; except as above, neither the City nor the Consultant shall assign, sublet or transfer his interest in this Agreement without the written consent of the other. Nothing herein shall be construed as creating any personal liability on the part of any employee, officer or agent of any public body or the Consultant which may be a party hereto, nor shall it be construed as giving any rights or benefits hereunder to anyone other than the City and the Consultant.

SECTION 9 – NON-DISCRIMINATION

In all hiring or employment made possible or resulting from this Agreement, there shall be no discrimination against any employee or applicant for employment because of sex, age, race, color, creed, national origin, marital status or the presence of any sensory, mental or physical handicap, unless based upon a bona fide occupational qualification, and this requirement shall apply to, but not be limited to, the following: employment, advertising, layoff or termination, rates of pay or other forms of compensation, and selection for training, including apprenticeship. No person shall be denied or be subjected to discrimination in receipt of the benefit of any services or activities made possible by or resulting from this Agreement on the grounds of sex, race, color, creed, national origin, age except minimum age and retirement provisions, marital status, or the presence of any sensory, mental, or physical handicap. Any violation of this provision shall be considered a violation of a material provision of this Agreement and shall be grounds for cancellation, termination, or suspension, in whole or in part, of the Agreement by the City.

SECTION 10 – MODIFICATION OR AMENDMENT

This Agreement constitutes the entire Agreement of the Parties on the subject matter hereof and may not be changed, modified, discharged, or extended except by written amendment duly executed by the Parties. The Consultant agrees that no representations or warranties shall be binding upon the City unless expressed in writing herein or in a duly executed amendment hereof, or authorized or approved Change Order as herein provided.

SECTION 11 – APPLICABLE LAW AND DISPUTE RESOLUTION

11.1 This Agreement shall be deemed to have been made in and shall be construed in accordance with the laws of State of Illinois.

11.2 Any controversy, claim or dispute arising out of or relating to the interpretation, construction, or performance of this Agreement, or breach thereof, shall be referred to the American Arbitration Association (the "AAA") for a voluntary, non-binding mediation in the municipality where the Services are provided and to be conducted by a mutually acceptable single mediator, in accordance with then applicable Construction Industry Mediation Rules, prior to

resorting to litigation to any State or Federal Court located nearest to where the Services are provided. Neither party shall be liable for any indirect, incidental, or consequential damages of any nature or kind resulting from or arising in connection with this Agreement. The Parties shall share the cost of the mediator's services equally.

WITH RESPECT TO ANY SUCH LITIGATION, EACH PARTY HEREBY KNOWINGLY, VOLUNTARILY AND WILLINGLY WAIVES ALL RIGHTS TO TRIAL BY JURY IN ANY ACTION, SUIT, OR PROCEEDING BROUGHT TO RESOLVE ANY DISPUTE BETWEEN OR AMONG ANY OF THE PARTIES HERETO, WHETHER ARISING IN CONTRACT, TORT, OR OTHERWISE, ARISING OUT OF, CONNECTED WITH, RELATED OR INCIDENTAL TO THIS AGREEMENT, THE TRANSACTION(S) CONTEMPLATED HEREBY AND/OR THE RELATIONSHIP ESTABLISHED AMONG THE PARTIES HEREUNDER.

SECTION 12 – TERMINATION OF THE CONTRACT

12.1 TERMINATION BY THE CONSULTANT

If the Work is stopped for a period of thirty days under an order of any court or other public authority having jurisdiction, through no fault of the Consultant, or if the City has not made timely Payment thereon as set forth in this Agreement, then the Consultant may upon twenty-one (21) days written notice (from postmark) to the City, terminate the Agreement.

12.2 TERMINATION BY THE CITY

In the event of any breach of this Agreement by the Consultant, the City may, at its option, serve the Consultant with a written seven (7) day notice (from postmark) with the Consultant's option to cure the breach, or the City may engage the services of another Consultant to complete the work and deduct the cost of such completion from any amount due the Consultant hereunder, or the City may either pause or terminate the contract.

IN WITNESS WHEREOF, the undersigned have placed their hands and seals upon and executed this Agreement in triplicate as though each copy hereof were an original and that there are no other oral agreements that have not been reduced to writing in this statement.

CITY OF JOLIET

By: _____

H. Elizabeth Beatty

City Manager

Date: _____

By:  _____

Name: Chris Marschinke, P.E.

Title: Sr. Project Manager

Date: April 22, 2024

ATTEST:

By: _____

Lauren O'Hara

City Clerk

Date: _____



April 8th, 2025

City of Joliet
Attn: Ms. Allison Swisher
Director of Public Utilities
150 W. Jefferson Street
Joliet, Illinois 60432

Re: **College Park and Springwood Lift Stations Conversion & Rehabilitation**
Professional Engineering Services

Dear Ms. Swisher,

Trotter and Associates, Inc. (ENGINEER) is pleased to provide professional services to the City of Joliet (CLIENT) for the College Park Gravity and Springwood Lift Stations Conversion & Rehabilitation (hereinafter referred to as the "PROJECT").

Project Background

The City has delineated a three-phase approach to lift station evaluation and rehabilitation. Phase I included a condition assessment of each of the 48 lift stations. Phase II included a detailed analysis and prioritization of the Joliet lift stations. Phase III begins the design and rehabilitation of the prioritized Joliet lift stations.

The City and TAI prioritized six Joliet lift stations for rehabilitation in the short-term (3-5 year period). These included Greenfield, Benton, Lois Place, College Park, Vetter Road, and Millsdale. These stations were slated for rehabilitation in fiscal years FY2023 – FY2027 based on available funding and urgency of rehabilitation need. The Benton and Greenfield stations were recently completed, and the City has awarded the rehabilitation of the Lois Place station. College Park and Springwood lift stations are the next projects selected by the City for design in FY2025 and construction in FY2026.

During the 2022 Lift Station Evaluation & Rehabilitation Program Report, the City classified the College Park Lift Station as being in overall poor condition. A preliminary review conducted in the report proposed that a nearby lift station, Springwood Lift Station, could be rehabilitated and receive flow from the College Park subbasin through gravity conversion. The two wet wells are located approximately 200 feet from each other, and it was determined that completing the work to convey the College Park flow to Springwood Lift Station is more economical than undertaking major rehabilitation of the College Park station and future rehabilitation of the Springwood South Lift Station.

Based on the preliminary review, it is estimated that the new Springwood South Lift Station would have a firm capacity of 700 GPM (1,008,000 GPD). The rehabilitated lift station will convey through the existing 8-inch Springwood South force main as well as the 6-inch force main that served College Park and will operate as a bypass route. The new lift station would typically convey flow through the existing 8-inch Springwood South force main. It would also be connected to the existing 6-inch force main that served the College Park lift station to offer a back-up pumping route in the event of repair work being done to the force main or the gravity sewer system that required a bypass route.

College Park South Lift Station

The College Park Lift Station is located in a residential neighborhood in the southwest region of the City's service area. The neighborhood is just east of Houbolt Road and north of I-80. The Smith & Loveless station was constructed in 2005 adjacent to the intersection of Longford Drive and Cathy Drive and is in close proximity to the Springwood Lift Station, which lies north of the intersection of Longford Drive and Trailsend Lane. Although they are adjacent to each other, the station discharge to different interceptor sewers; however, flows from both stations are treated at the West Side WWTP.

The College Park Lift Station has a relatively small service area compared to the other Joliet lift stations and represents approximately 88 acres of residential property. The residences served by the College Park generally includes those along Cathy Drive from Houbolt Road to Longford Drive, Leawood Drive from Leawood Court to Quincy Court, and Longford Drive from Leawood Drive to Cathy Drive. This includes customers along streets running from the described stretches, including Karen Drive, Jerald Drive, Christine Avenue, Craig Drive and Louise Lane.

The station utilizes two alternating pumps that discharge to a 6-inch diameter force main measuring roughly 970 feet. The cast iron force main was installed in 2005 and discharges to a manhole located at 3325 Longford Drive. The station has a 20-foot deep wet well with a 7-foot deep dry pit that sits on top of the wet well. Currently, the original Smith & Loveless 4B2D self-priming centrifugal pumps are installed with a design capacity of 450 GPM and total dynamic head of 38 feet.



Current conditions of the lift station show that there is significant corrosion at the steel enclosure and dry pit floor as well as at the force main within the structure. Additionally, the recessed-duplex configuration with self-priming centrifugal pumps is difficult to maintain and presents unique maintenance and operational concerns.

Springwood South Lift Station

The Springwood South Lift Station is located in the southwest region of the City of Joliet service area and is adjacent to the College Park Lift Station. The station was constructed in 1999 at the intersection of Mission Boulevard and Trailsend Lane in the Springwood South residential neighborhood. While they are in close proximity, the Springwood South and College Park stations serve separate neighborhoods and discharge into different structures and their flows eventually meet in an interceptor sewer that feeds into the West Side WWTP.

The Springwood South service area represents roughly 90 acres of residential property. The station serves the Springwood South subdivision, which is a region generally bounded by Bloomfield Drive in the north, Greenleaf Drive in the west, and I-80 in the southeast, as shown on the right.



The pumping station utilizes two alternating pumps that discharge to an 8-inch diameter force main measuring roughly 2,100 feet. The PVC force main was installed with the station in 1999 and discharges to a manhole located north of the station along Mission Boulevard. However, the manhole is sealed shut and could not be opened for a condition assessment. Currently, there are two Wilo FA 10.51E submersible pumps installed with a design capacity of 467 GPM and total dynamic head of 40 feet. Pump No. 1 was recently replaced in 2019 while Pump No. 2 was installed in 2011.

The Springwood South station is in fair condition compared to other Joliet Lift Stations. There are no immediate concerns within the day-to-day operations of the sites. However, the site conditions should be cleaned up, removing litter and graffiti. During rehabilitation, replacement of corroded items and generator issues should be addressed.

Project Understanding

College Park Lift Station Conversion to Gravity and Springwood South Lift Station Replacement work includes:

1. College Park
 - a) Demolition of the existing pump, piping, float switches, level transducers, dry well, controls and electrical components at College Park Lift Station.
 - b) Adding additional ring(s) and a new lid with hatches to the existing wet well to bring it up to grade
 - c) Cleaning, pouring a new bench and lining the existing wet well.
 - d) Installing a new manhole on the southwest corner of Trailsend Lane and placing gravity sewer pipe from the existing wet well to this manhole, and from this manhole to the new Springwood wet well.
2. Springwood South Lift Station
 - a) Firm pump capacity (One operating/One Standby) to be rated at 700 GPM.
 - b) Demolition of the existing wet well in its entirety and a new precast polymer concrete wet well will be installed.
 - c) Demolition and replacement of existing pumps, piping, float switches and level transducers within the wet well. New pumps, floats, transducers and piping will be installed in the new wet well.
 - d) Installation of a valve vault, including piping, isolation valves, check valves.
 - e) Installation of a meter vault and flow meter.
 - f) Replacement and installation of new buried piping as needed.
 - g) Reconnection to both the 8-inch Springwood and 6-inch College Park existing force mains.
 - h) Installation of a generator, ATS and concrete pad.
 - i) Installation of a new control panel.
 - j) Site work and restoration as needed.
3. The estimated construction cost from the 2022 Lift Station Evaluation Report, including bonds, insurance, contractor's overhead and profit and a 20% contingency was approximately \$3.08M.

Project Scope

ENGINEER will provide the following services to the CITY:

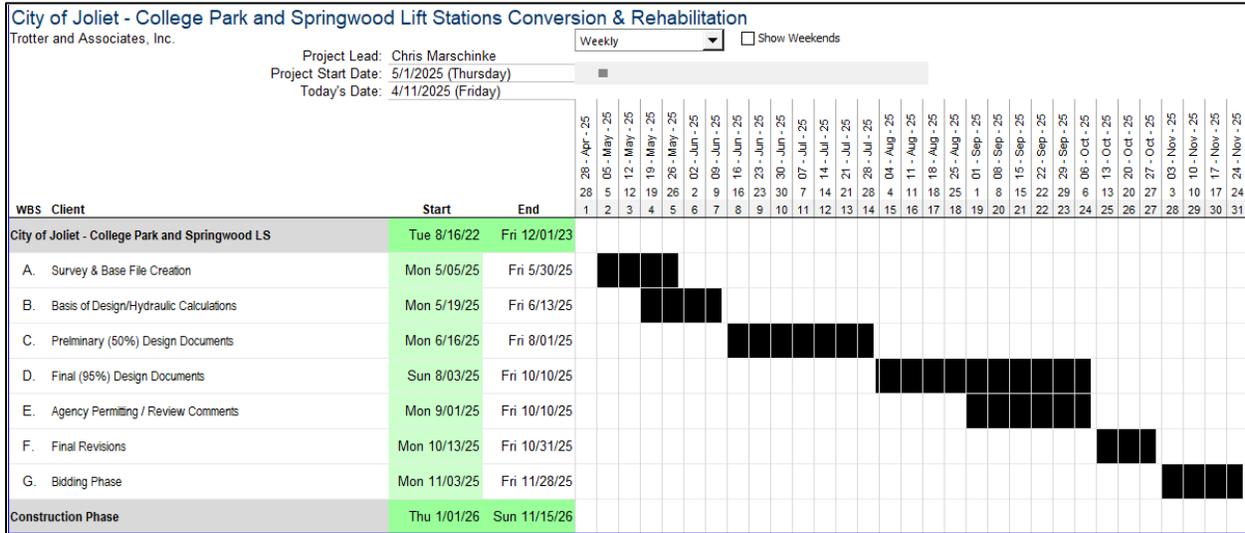
1. COLLEGE PARK AND SPRINGWOOD LIFT STATIONS GRAVITY CONVERSION & REHABILITATION DESIGN AND BIDDING
 - A. Survey & Base File Creation
 - I. Obtain utility locations and determine site limitations. TAI to coordinate design-stage JULIE for all utility locations within surveyed boundaries.
 - II. Conduct Site Visits as necessary to determine existing conditions and constraints.
 - III. Conduct a topographic survey of the Lift Station site to determine boundaries for design and permitting.
 - a. Includes Boundary Survey for impacted parcels to locate adjacent pins where possible.
 - b. Sanitary, storm, and water structures within the surrounding area will be surveyed and spatially located. Sewer structures will be measured for inverts, rims, and other sizing information as needed.
 - IV. Develop base files in MicroStation V8i depicting existing site conditions, utilities, structures, parcel and property lines, and any other features present at the site.
 - V. Plats of Subdivision and associated research for both sites shall be obtained and incorporated into the drawings.
 - B. Design Phase
 - I. Hold a project kick-off meeting with City Staff to establish project goals and schedule.
 - II. Hold periodic project work sessions with City Staff to determine preferred manufactures, types and quantities of valves and meters, piping material, and structure layout details. During these meetings design layout details for the project will also be determined. Prepare agendas and minutes as necessary for these meetings.
 - III. Review existing City documentation that may be appropriate to the project. This includes as built information for the existing pump station and force main, including profile and discharge elevations.
 - IV. Obtain a soil boring on the site for the purpose of structural design, quantifying dewatering requirements, and CCDD testing. *Geotechnical services will be coordinated by TAI and passed through as a reimbursable expense. It is recommended the City budget \$6,000 for these geotechnical services.*
 - V. Confirm the hydraulic design criteria for the Springwood South lift station. Develop basis of design hydraulic calculations for pump/system curves for sizing and selection.
 - VI. Coordinate with City and pump manufacturers to evaluate and select new pumps and preferred process pumping configurations.
 - VII. Furnish the Preliminary Design Phase 50% documents to City for review. Documents shall consist of engineering calculations, preliminary drawings, and written descriptions of the Project. These shall include layout of the proposed pump station wet well and other structures.

- VIII. Based on the information contained in the Design Phase documents, submit a revised opinion of probable Construction Cost and any adjustments to Total Project Costs known to Engineer.
 - IX. Based on the approved 50% documents prepare the Design Phase 95% documents to City for review. The drawings are anticipated to include:
 - a. General Construction Details and Notes
 - b. Site Civil Drawings showing underground utilities, process piping (including gravity sewer plan and profile for conversion), site grading and landscaping as applicable.
 - c. Demolition drawings showing existing structures and utilities to be removed as applicable.
 - d. Structural drawings including layout and section views.
 - e. Mechanical Drawings including layouts and schedules.
 - f. Process drawings including equipment layout, valves and process piping.
 - g. Electrical Drawings depicting power distribution requirements.
 - h. Instrumentation drawings depicting the scope of the proposed control system.
 - i. Design of control and SCADA applications associated with the project.
 - X. Project specifications with all process equipment selected in accordance with the 64 Division CSI format. It is anticipated that the City's 'Front-End' contract documents will be utilized within Division 00.
 - XI. Coordinate and acquire permits as required from all jurisdictional agencies. This is anticipated to include Illinois EPA Construct and Operate permit, and City of Joliet.
 - XII. Provide 95% complete plans to the City and effected agencies for review and approval.
 - XIII. Make minor revisions to the plans to incorporate changes required by reviewing agencies. Revise plans to 100% level in accordance with additional comments.
 - XIV. Revise the opinion of probable cost, based on the Final Engineering Plans.
- C. Bidding Phase
- I. Assist the City with advertising the project for bid.
 - II. Attend a pre-bid meeting with the City and prospective bidders if requested by the City.
 - III. Respond to questions about bid documents. Issue addenda as appropriate to clarify, correct, or change the Bidding Documents
 - IV. Attend the bid opening if requested by the City, prepare bid tabulation, and assist the City in reviewing the bids, participate in any negotiations or clarification discussion and awarding contracts.
 - V. Furnish and supply drawings and project specification copies as required.



Project Schedule

The project schedule below assumes beginning design services by May 1, 2025, and a 45-day IEPA review period.



Compensation

An amount equal to ENGINEER’s Direct Labor Costs times a Factor of 3.0. No expenses shall be charged, with the exception of printing services if requested (construction plans/specifications, record drawings).

Total compensation for services will not exceed **\$136,300.00** based on the following distribution of compensation:

Site Survey & Base File Creation	\$18,900
Design Phase	\$109,400
Bidding Phase	\$8,000

ENGINEER may alter the distribution of compensation between individual phases of the work noted herein to be consistent with services actually rendered, but shall not exceed the total compensation amount unless approved in writing by OWNER.

The total estimated compensation for ENGINEER’S services included in the breakdown by phases, incorporates all labor, overhead, profit, and ENGINEER’S Consultant’s charges.

The portion of the amounts billed for ENGINEER’S services which are related to services rendered on a Direct Labor Costs times a Factor basis will be billed based on the applicable Direct Labor Costs for the cumulative hours charged to the Project by ENGINEER’S principals and employees multiplied by the above-designated Factor, plus Reimbursable Expenses and ENGINEER’S Consultant’s charges incurred during the billing period.

Direct Labor Costs means salaries and wages paid to employees but does not include payroll related costs or benefits.

The Direct Labor Costs and the Factor applied to Direct Labor Costs will be adjusted annually as of January 1st to reflect equitable changes to the compensation payable to ENGINEER.



City of Joliet
 College Park & Springwood Lift Stations - Estimated Engineering Hours

	Principal RST	Engineer VI CJM	Engineer VIII DSB (STRL)	Engineer VI BET	Engineer VI HJZ (ELEC)	Engineer II IAH	Senior Tech MJD (CIVIL)	Technician II DYB	Survey Crew	Line Item Total Hours	Line Item Total Cost
College Park & Springwood Lift Station Conversion & Rehab											
Site Survey and Base File Creation		1		6		4	24	32	48	115	\$ 16,900.00
Design Phase											
Design Kick-off Meeting with City	2	2		2						6	\$ 1,700.00
Project Work Sessions (Estimated Four Total)	2	8		8						18	\$ 4,400.00
Obtain Soil Borings (Coordination & Analysis Only)				2		2				4	\$ 700.00
Hydraulic Design Criteria + Basis of Design	2	4		32		48				86	\$ 14,900.00
Pump Manufacturer Meetings/Selection	1	2		8		4				15	\$ 3,100.00
50% Preliminary Design Drawings	2	10	4	38	16	26	24	56		176	\$ 29,800.00
50% Opinion of Probable Construction Cost		1		6		8				15	\$ 2,600.00
95% Pre-Final Design Drawings	2	4	16	22	24	32	24	40		164	\$ 28,800.00
95% Project Specifications		1	12	16	12	56				97	\$ 16,500.00
Jurisdictional Permitting				4		12				16	\$ 2,400.00
Minor Revisions per Permitting/City Comments				4		4	4	12		24	\$ 3,600.00
Revise Opinion of Probable Construction Cost		1		2		2				5	\$ 900.00
Bidding Phase											
Assist with Advertise for Bid				1		2				3	\$ 500.00
Pre-Bid Meeting, Minutes, Admin		1		2						3	\$ 700.00
Bidding, Questions, Clarifications and Addendums		2		8		12		8		30	\$ 4,700.00
Bid Tabulation and Review, Recommendation to Award		1		1		2				4	\$ 700.00
Prepare Final Contracts				4		4				8	\$ 1,400.00
Subtotal Hours	11	38	32	166	52	218	76	148	48	789	\$ 136,300.00

Contents of Agreement

This Letter Agreement and the Exhibits attached hereto and incorporated herein, represent the entire understanding with respect to the Project and may only be modified in writing signed by both parties.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement.

CLIENT:

Trotter and Associates, Inc.:

By: _____

By: Scott Trotter, P.E., BCEE

Title: _____

Title: President

Effective Date: _____

Date Signed: April 8, 2024

Address for giving notices:

Address for giving notices:

40W201 Wasco Road, Suite D
 St. Charles, IL 60175

Designated Representative

Designated Representative

Chris Marschinke, P.E.

Title:

Title: Project Manager

Phone Number:

Phone Number: 630.217.6284

Facsimile Number:

Facsimile Number:

E-Mail Address:

E-Mail Address: c.marschinke@trotter-inc.com