



# Agenda Item Executive Summary

AGENDA ITEM: Design Engineering Contract for the Country Place  
Lift Station Improvement Project

BOARD OR COMMITTEE: Board

## BUDGET IMPACT

Amount \$ 86,200

Budgeted \$ 180,000

Fund: Sewer

Corresponding Activity Measure: Influent/Effluent Flow

## EXECUTIVE SUMMARY

A resolution for the board's approval to enter into an agreement with Trotter and Associates, Inc. for design engineering for the Lift Station Improvement Project. This project is included in the approved capital budget.

## ATTACHMENTS (PLEASE LIST)

Memo, Resolution, Agreement

## RELATIONSHIP TO STRATEGIC PLAN GOAL

Strategic Plan Goal: Evaluate, budget and implement water, wastewater and stormwater infrastructure projects

Short Term (1-3 Years): Routine  Complex

Long Term (3-5 Years): Routine  Complex

## ACTION REQUESTED

- For Discussion Only
- Resolution
- Ordinance
- Motion

**MOTION:** I move to approve RESOLUTION #2024- \_\_\_\_ - R, A RESOLUTION APPROVING THE PROFESSIONAL SERVICES AGREEMENT BETWEEN THE VILLAGE OF BARTLETT AND TROTTER & ASSOCIATES, INC. FOR THE ENGINEERING SERVICES FOR THE COUNTRY PLACE LIFT STATION

Staff: Tyler Isham, Assistant Director of Public Works

Date:

August 12, 2024

# Memo

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**To:** Paula Schumacher, Village Administrator  
**From:** Tyler Isham, Assistant Director of Public Works  
**Subject:** **Country Place Lift Station Rehabilitation Engineering Services**  
**Date:** August 12, 2024

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## **BACKGROUND**

The Village Board approved the 24/25 Capital Budget and included Lift Station upgrades and rehabilitation as a part of that annual budget. This typically includes rehabilitating the older lift stations and converting dry wells to wet wells for higher efficiency within the sanitary sewer system. This year, the Country Place Lift Station located at 691 San Diego Place was included in this year's rehabilitation due to age and condition.

## **DISCUSSION**

Staff selected Trotter and Associates, Inc. of St. Charles, IL (Trotter) to provide the engineering services for this project. Trotter has submitted a design proposal for this project that totals \$86,200. We have had success working with Trotter in the past, and with their previous experience, believe this proposal to be a good value.

## **RECOMMENDATION**

Staff recommends approval of the Engineering Services Agreement between the Village of Bartlett and Trotter and Associates, Inc. in the not-to-exceed amount of \$86,200.

## **MOTION**

**I MOVE TO APPROVE RESOLUTION #2024-\_\_\_\_-R, A RESOLUTION APPROVING OF A PROFESSIONAL SERVICES AGREEMENT BETWEEN THE VILLAGE OF BARTLETT AND TROTTER AND ASSOCIATES, INC. FOR THE ENGINEERING SERVICES FOR THE COUNTRY PLACE LIFT STATION.**

**RESOLUTION 2024 - \_\_\_ - R**

**A RESOLUTION APPROVING OF A PROFESSIONAL SERVICES AGREEMENT BETWEEN THE VILLAGE OF BARTLETT AND TROTTER AND ASSOCIATES, INC. FOR THE COUNTRY PLACE LIFT STATION DESIGN**

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**BE IT RESOLVED** by the President and Board of Trustees of the Village of Bartlett, Cook, DuPage and Kane Counties, Illinois, as follows:

**SECTION ONE:** The agreement between the Village of Bartlett and Trotter and Associates, Inc. dated August 20, 2024 (the "Agreement"), a copy of which is appended hereto and expressly incorporated herein by this reference, is hereby approved.

**SECTION TWO:** That the Village President is hereby authorized and directed to sign the Amendment to the Agreement on behalf of the Village of Bartlett.

**SECTION THREE: SEVERABILITY.** The various provision of this Resolution are to be considered as severable, and of any part or portion of this Resolution shall be held invalid by any Court of competent jurisdiction, such decision shall not affect the validity of the remaining provisions of this Resolution.

**SECTION FOUR: REPEAL OF PRIOR RESOLUTIONS.** All prior Ordinances and Resolutions in conflict or inconsistent herewith are hereby expressly repealed only to the extent of such conflict or inconsistency.

**SECTION FIVE: EFFECTIVE DATE.** This Resolution shall be in full force and effect upon its passage and approval.

**ROLL CALL VOTE:**

**AYES:**

**NAYS:**

**ABSENT:**

**PASSED**      **August 20, 2024**

**APPROVED**    **August 20, 2024**

\_\_\_\_\_  
**Kevin Wallace, Village President**

**ATTEST:**

\_\_\_\_\_  
**Lorna Giles, Village Clerk**

**CERTIFICATION**

I, the undersigned, do hereby certify that I am the Village Clerk of the Village of Bartlett, Cook, DuPage, and Kane Counties, Illinois, and that the foregoing is a true, complete and exact copy of Resolution 2024 - \_\_\_-R, enacted on August 20,2024, and approved on August 20,2024, as the same appears from the official records of the Village of Bartlett.

\_\_\_\_\_  
Lorna Giles, Village Clerk





July 10<sup>th</sup>, 2024

Mr. Dan Dinges  
Public Works Director  
Village of Bartlett  
1150 Bittersweet Dr.  
Bartlett, IL. 60103

**Re: Country Place Lift Station Rehabilitation**  
Professional Services Letter Agreement and Exhibits

Dear Mr. Dinges,

Trotter and Associates, Inc. (ENGINEER) is pleased to provide professional services to the Village of Bartlett (CLIENT) for the *Country Place Lift Station Rehabilitation* (hereinafter referred to as the "PROJECT").

#### **Project Background**

The Village of Bartlett Country Place Lift Station is located at 691 San Diego Place. This station was originally constructed in the late 1970's with the most recent major rehabilitation in 1997 with the replacement of the pumps. Country Place serves a small primarily residential area south of Devon Avenue in DuPage County and also serves as a secondary station to the Devon Lift Station. The site is centered between two residential homes and is very compact.

The lift station is a Smith & Loveless wet well/dry-pit configuration with two Allis Chalmers Model 532 non-clog pumps. Each pump is 7.5 HP rated for 500 gpm at 28.3 ft TDH. The pumps convey flows through an 8-inch forcemain approximately 350 ft, discharging to a gravity structure near the La Jolla Terrace cul-de-sac. The station's dry-pit configuration makes routine maintenance difficult and constitutes a confined space entry.



A preliminary review of the existing wet well indicates that it may be suitable for conversion to a submersible pump station, similar to the Village's recently completed Herrick House Lift Station. However, an analysis of the influent flows and available bounce within the wet well will need to be completed to verify the conversion is feasible.



#### **Project Understanding**

The Village has requested that Trotter and Associates submit a proposal for design and bidding phase engineering services for the rehabilitation of the lift station. Construction phase engineering services would be executed under separate contract at the time that the construction contract is awarded. Design phase services generally consist of the following major components:

- Abandonment of the Existing Dry Pit Pump Station
- Rehabilitation/Conversion of Wet Well to a Submersible Pump Station including Lining
- New Valve & Metering Vault (or above-grade pre-fabricated enclosure similar to Herrick House if feasible)
- New Electrical and Control Systems (site electrical service, utility cabinet, standby generator, low-voltage)
- Site Utilities (including sewers modifications at wet well, and connection to proposed force main)
- Site Improvements (sidewalk, grading, landscaping, etc.)



**Conceptual Project EOPC**

 <div style="text-align: center;"> <b>Village of Bartlett</b>  <b>Country Place Lift Station Rehabilitation</b>  <b>Engineer's Opinion of Probable Construction Costs</b>  <i>July 10, 2024</i> </div> 					
	LIFT STATION REHABILITATION				\$ 700,000.00
	<b>CONSTRUCTION SUBTOTAL</b>				<b>\$ 700,000.00</b>
	CONTINGENCIES @ 25%				\$ 175,000.00
	<b>CONSTRUCTION TOTAL</b>				<b>\$ 875,000.00</b>
ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	UNIT TOTAL
<b>LIFT STATION REHABILITATION</b>					
1	MOBILIZATION	1	LS	\$ 45,000.00	\$ 45,000.00
7	DRY PIT PUMP STATION & SITE DEMO	1	LS	\$ 40,000.00	\$ 40,000.00
1	SUBMERSIBLE DUPLEX LIFT STATION EQUIPMENT (PUMPS, CONTROLS, ETC.)	1	LS	\$ 75,000.00	\$ 75,000.00
5	PUMP MATE PRE-FABRICATED ENCLASURE INC. INSTALLATION	1	LS	\$ 90,000.00	\$ 90,000.00
2	INSTALLATION OF PUMPS AND PUMP MATE	1	LS	\$ 90,000.00	\$ 90,000.00
6	MISC. PROCESS PIPING INC. INSTALLATION	1	LS	\$ 45,000.00	\$ 45,000.00
3	SCADA MODIFICATIONS & INTEGRATION	1	LS	\$ 20,000.00	\$ 20,000.00
4	MODIFICATION TO EXISTING WET WELL STRUCTURE & COVER	1	LS	\$ 25,000.00	\$ 25,000.00
8	BYPASS PUMPING	1	LS	\$ 80,000.00	\$ 80,000.00
9	SITE UTILITIES (FORCE MAIN)	1	LS	\$ 7,500.00	\$ 7,500.00
9	NEW ELECTRICAL SERVICE / UTILITY CABINET	1	LS	\$ 15,000.00	\$ 15,000.00
9	STANDBY DIESEL GENERATOR & ATS	1	LS	\$ 85,000.00	\$ 85,000.00
10	GENERATOR & ATS INSTALLATION/WIRING	1	LS	\$ 25,000.00	\$ 25,000.00
11	FENCE REPLACEMENT, 6' INC. INSTALLATION	100	FT	\$ 200.00	\$ 20,000.00
12	PCC PAVEMENT/DRIVEWAY	150	SY	\$ 75.00	\$ 11,250.00
13	PCC SIDEWALK	100	SF	\$ 12.00	\$ 1,200.00
14	RESTORATION (TOPSOIL, SEEDING, FERTILIZER, & EROSION CONTROL BLANKET)	1	LS	\$ 25,000.00	\$ 25,000.00

**Project Schedule**

Below is an anticipated project schedule, contingent upon timely execution of the proposal and furnishing of all required design and permitting documents:

Contract Execution	August 2024
Preliminary Design Phase	August - October 2024
Final Design Phase	November 2024 - February 2025
Permitting	February – April 2025
Bidding (Estimated)	May 2025
Commence Construction (Estimated)	June 2025
Construction Completion (Estimated)	April 2026





## Scope of Services

Our services will consist of customary civil engineering and surveying services and related engineering services incidental thereto, described as follows;

### A. Preliminary Design (50%) Phase

- 1) Hold a project kick-off meeting with Village Staff to establish project goals and schedule.
- 2) Review existing Village documentation that may be appropriate to the project. This includes as-built information for the existing pump station and utilities.
- 3) Conduct two (2) site visits to confirm dimensions, by performing field measurements within the existing building, wet well and valve vault. This includes running the pumps in hand to allow for the wet well and all connected manholes to drain, and pipe elevations to be taken.
- 4) Conduct a topographic survey of the site determine property boundaries for design and permitting (TAI to coordinate design-stage JULIE locate for all utilities) and develop base files depicting existing site conditions.
- 5) Prepare conceptual design document 20% for Village review. Documents shall consist of engineering calculations, conceptual layout, and written descriptions of the Project. These shall include layout of the proposed pump station wet well, process design for pumps, piping, valves, as well as conceptual force main routing (plan view only).
- 6) Meet with Village staff once conceptual design documents are developed to discuss site constraints and alternative layouts for consideration.
  - a. Consider and discuss alternatives including rehabilitation and conversion of the existing wet well to a submersible station with bypass pumping, or installation of a new wet well without the need for extended bypass pumping.
  - b. Determine preferred manufacturers for pumps, valves, meters and other material details.
- 7) Prepare 50% Engineering Plans and Specifications to show the scope, extent and character of the work. Include the following but is not limited to these drawings.
  - a) General Construction Details and Notes (Estimated 2 Sheets)
  - b) Demolition drawings showing existing structures and utilities to be removed as applicable. (Estimated 2 Sheets)
  - c) Site Civil drawings showing underground utilities, process piping, site grading and landscaping as applicable. (Estimated 2 Sheets)
  - d) Process drawings including the equipment layout, valves and process piping. (Estimated 3 Sheets)
  - a) Preliminary project specifications in accordance with 64 Division CSI Format.
- 8) Based on the information contained in the Preliminary Design Phase documents, submit a revised opinion of probable Construction Cost and any adjustments to Total Project Costs known to Engineer.
- 9) Hold a preliminary design review meeting to address the Village's review comments and requested revisions.



*C. Final Design (100%) Phase*

- 1) Based on the approved Preliminary Design Phase, prepare 90% Engineering Plans and Specifications to show the scope, extent and character of the work. Include the following but is not limited to these drawings.
  - b) General Construction Details and Notes (Estimated 2 Sheets)
  - c) Demolition drawings showing existing structures and utilities to be removed as applicable. (Estimated 2 Sheets)
  - d) Site Civil drawings showing underground utilities, process piping, site grading and landscaping as applicable. (Estimated 4 Sheets)
  - e) Structural drawings including layout and section for wet well modifications as applicable. (Estimated 1 Sheet)
  - f) Process drawings including the equipment layout, valves and process piping. (Estimated 4 Sheets)
  - g) Electrical drawings depicting power distribution requirements within the proposed improvements. (Estimated 3 Sheets)
  - h) Instrumentation drawings depicting the scope and extent of the proposed control system. (Estimated 2 Sheets)
  - i) Project specifications in accordance with 64 Division CSI Format.
- 2) Obtain one (1) soil boring on site for the purposes of bearing capacity analysis of any proposed generator pad and to provide CCDD testing results as part of the bid package.
- 3) Provide 90% complete plans to the Village and effected agencies for review and approval. Prepare an opinion of probable cost, based on the Final Engineering Plans. Hold a final review meeting with the Village.
- 4) Submit final plans and specifications to IEPA as applicable to obtain the construct and operate permit.
- 5) Make minor revisions to the plans to incorporate changes required by reviewing agencies. Complete 100% drawings to satisfaction of the Village and appropriate permitting bodies.

*Bidding or Negotiating Phase*

- 1) Assist the Village with advertising the project for bid. Advertisement and plan production expenses will be considered reimbursable.
- 2) Attend a pre-bid meeting with the Village and prospective bidders.
- 3) Respond to questions about bid documents. Issue addenda as appropriate to clarify, correct, or change the Bidding Documents.
- 4) Attend the bid opening, prepare bid tabulation, and assist the Village in reviewing the bids, participate in any negotiations or clarification discussion and awarding contracts. Issue the Recommendation to Award to the Village.
- 5) Furnish and supply drawings and project specification copies as required.

Changes to the scope of services outlined in this agreement shall be authorized through execution of an Exhibit D - Contract Addendum.





**Compensation**

An amount equal to the cumulative hours charged to the Project by each class of ENGINEER’s employees times Standard Hourly Rates for each applicable billing class for all services performed on the Project, plus Reimbursable Expenses and ENGINEER’s Consultant’s charges, if any.

ENGINEER’s Reimbursable Expenses Schedule and Standard Hourly Rates are attached to this Exhibit B. Reimbursable Expenses included in the contract are limited to items listed in Exhibit B. All expenses that are not included in Exhibit B shall be considered outside the contract and shall be considered as extra and compensated for at cost. For example: title commitments, permit fees, architectural renderings, special public meetings, out of town travel expenses, consultant services beyond those identified in the scope, or items specifically requested by the owner.

The total compensation for services will not exceed **\$86,200.00** based on the following distribution of compensation:

Preliminary Design Phase	\$32,600
Final Design Phase	\$43,800
Bidding and Negotiating Phase	\$7,300
<u>Reimbursables – Soil Boring</u>	<u>\$2,500</u>
Total:	\$86,200

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 estimated compensation amount unless approved in writing by CLIENT. 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 amounts billed for ENGINEER’s services will be based on the cumulative hours charged to the PROJECT during the billing period by each class of ENGINEER’s employees times Standard Hourly Rates for each applicable billing class, plus Reimbursable Expenses and ENGINEER’s Consultant’s charges. The Standard Hourly Rates and Reimbursable Expenses Schedule will be adjusted annually as of January 1<sup>st</sup> to reflect equitable changes in the compensation payable to ENGINEER.



### Miscellaneous

This Agreement constitutes the entire agreement between the parties and supersedes any prior oral or written representations. This agreement may not be changed, modified, or amended except in writing signed by both parties. In the event of any conflict among the exhibits, the exhibit of the latest date shall control.

ENGINEER may have portions of the Services performed by its affiliated entities or their employees, in which event ENGINEER shall be responsible for such services and CLIENT shall look solely to ENGINEER as if ENGINEER performed the Services. In no case shall CLIENT'S approval of any subcontract relieve ENGINEER of any of its obligations under this Agreement. However, ENGINEER is not responsible whatsoever for any obligations its subcontractors might have to its [subcontractors'] employees, including but not limited to proper compensation of its employees.

In the event CLIENT uses a purchase order form or other CLIENT developed document to administer this Agreement, the use of such documents shall be for the CLIENT'S convenience only, and any provisions, terms or conditions within the CLIENT developed document shall be deemed stricken, null and void. Any provisions, terms or conditions which the CLIENT would like to reserve shall be added to Exhibit C – Supplemental Conditions and agreed to by both parties.

ENGINEER acknowledges that this project and the scope of work performed thereto will require ENGINEER and all lower tiered subcontractors of ENGINEER to comply with all obligations under and pursuant to the any applicable local, state and/or federal prevailing wage laws (e.g. Davis-Bacon Act, Illinois Prevailing Wage Act, etc.), including but not limited to all wage, notice and/or record keeping requirements to the extent applicable, necessitated and required by law.

If during negotiations or discussion with a Client it becomes clear that Client has determined prevailing wages are not applicable to the work performed by Trotter & Associates, it is best to confirm that understanding in writing with appropriate indemnification language. The following is draft language to consider:

Trotter & Associates' services performed is based on its understanding through the actions, statements and/or omissions of CLIENT that this project [identify] and the work performed relating thereto is professional in nature and not subject to prevailing wage requirements (federal, state or local). If Trotter & Associates' understanding is incorrect, CLIENT agrees and acknowledges that it shall immediately notify Trotter & Associates in writing within forty-eight (48) hours from receiving this notice so that Trotter & Associates may submit a revised proposal and/or invoice reflecting the additional costs associated with applicable prevailing wage laws. If at any time it is determined that this project is or was subject to prevailing wage requirements under federal, state or local law, then CLIENT agrees and acknowledges that it shall reimburse and make whole Trotter & Associates for any back wages, penalties and/or interest owed to its employees or any other third party, including any appropriate governmental agency. CLIENT also agrees that prices, costs and/or applicable fees will also be increased prospectively as required by the increase in wage payments to Trotter & Associates' employees. CLIENT understands and acknowledges that it shall notify Trotter & Associates of any prevailing wage requirements or obligations under applicable laws relating to the work or services performed by Trotter & Associates. CLIENT also agrees to indemnify and hold Trotter & Associates harmless from any error, act or omission on its part with regard to prevailing wage notification that causes any claim, cause of action, harm or loss upon Trotter & Associates, including but not limited to prompt reimbursement to Trotter & Associates of any and all back wages, penalties and/or interest owed to its employees or any other third party, including reasonable attorneys' fees and costs associated with such claim, cause of action, harm or loss.





**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: July 22nd, 2024

Address for giving notices:

Address for giving notices:

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

Designated Representative

Designated Representative

Chris Marschinke, P.E.

Title:

Title: Senior Project Manager

Phone Number:

Phone Number: 630-217-6284

Facsimile Number:

Facsimile Number:

E-Mail Address:

E-Mail Address: [c.marschinke@trotter-inc.com](mailto:c.marschinke@trotter-inc.com)

**ATTACHMENTS:**

EXHIBIT A – STANDARD TERMS AND CONDITIONS

EXHIBIT B – SCHEDULE OF HOURLY RATES AND REIMBURSIBLE EXPENSES

EXHIBIT C – SUPPLEMENTAL GENERAL CONDITIONS

EXHIBIT D – CONTRACT ADDENDUM



CLIENT Initial \_\_\_\_\_

TAI Initial \_\_\_\_\_



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CLIENT Initial \_\_\_\_\_

TAI Initial \_\_\_\_\_



## EXHIBIT A - STANDARD TERMS AND CONDITIONS

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### ARTICLE 1 - SERVICES OF ENGINEER

#### 1.01 Scope

- A. ENGINEER shall provide the Professional Services set forth herein and in the Letter Agreement.
- B. Upon this Agreement becoming effective, ENGINEER is authorized to begin Services.

### ARTICLE 2 - CLIENT'S RESPONSIBILITIES

#### 2.01 General

- A. Provide ENGINEER with all criteria and full information as to CLIENT's requirements for the Project, including design objectives and constraints, space, capacity and performance requirements, flexibility, and expandability, and any budgetary limitations; and furnish copies of all design and construction standards which CLIENT will require to be included in the Drawings and Specifications; and furnish copies of CLIENT's standard forms, conditions, and related documents for ENGINEER to include in the Bidding Documents, when applicable.
- B. Furnish to ENGINEER any other available information pertinent to the Project including reports and data relative to previous designs, or investigation at or adjacent to the Site.
- C. Following ENGINEER's assessment of initially-available Project information and data and upon ENGINEER's request, furnish or otherwise make available such additional Project related information and data as is reasonably required to enable ENGINEER to complete its Basic and Additional Services. Such additional information or data would generally include the following:
1. Property descriptions.
  2. Zoning, deed, and other land use restrictions.
  3. Property, boundary, easement, right-of-way, and other special surveys or data, including establishing relevant reference points.
  4. Explorations and tests of subsurface conditions at or contiguous to the Site, drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the Site, or hydrographic surveys, with appropriate professional interpretation thereof.
  5. Environmental assessments, audits, investigations and impact statements, and other relevant environmental or cultural studies as to the Project, the Site, and adjacent areas.
  6. Data or consultations as required for the Project but not otherwise identified in the Agreement or the Exhibits thereto.
- D. Give prompt written notice to ENGINEER whenever CLIENT observes or otherwise becomes aware of a Hazardous Environmental Condition or of any other development that affects the scope or time of performance of ENGINEER's services, or any defect or nonconformance in ENGINEER's services or in the work of any Contractor.
- E. Authorize ENGINEER to provide Additional Services as set forth in Exhibit D - Addendum of the Agreement as required.
- F. Arrange for safe access to and make all provisions for ENGINEER to enter upon public and private property as

required for ENGINEER to perform services under the Agreement.

- G. Examine all alternate solutions, studies, reports, sketches, Drawings, Specifications, proposals, and other documents presented by ENGINEER (including obtaining advice of an attorney, insurance counselor, and other advisors or consultants as CLIENT deems appropriate with respect to such examination) and render in writing timely decisions pertaining thereto.
- H. Provide reviews, approvals, and permits from all governmental authorities having jurisdiction to approve all phases of the Project designed or specified by ENGINEER and such reviews, approvals, and consents from others as may be necessary for completion of each phase of the Project.
- I. Provide, as required for the Project:
  - 1. Accounting, bond and financial advisory, independent cost estimating, and insurance counseling services.
  - 2. Legal services with regard to issues pertaining to the Project as CLIENT requires, Contractor raises, or ENGINEER reasonably requests.
  - 3. Such auditing services as CLIENT requires to ascertain how or for what purpose Contractor has used the moneys paid.
  - 4. Placement and payment for advertisement for Bids in appropriate publications.
- J. Advise ENGINEER of the identity and scope of services of any independent consultants employed by CLIENT to perform or furnish services in regard to the Project, including, but not limited to, cost estimating, project peer review, value engineering, and constructability review.
- K. Furnish to ENGINEER data as to CLIENT's anticipated costs for services to be provided by others for CLIENT so that ENGINEER may make the necessary calculations to develop and periodically adjust ENGINEER's opinion of Total Project Costs.
- L. If CLIENT designates a manager or an individual or entity other than, or in addition to, ENGINEER to represent CLIENT at the Site, the duties, responsibilities, and limitations of authority of such other party shall be disclosed to the ENGINEER and coordinated in relation to the duties, responsibilities, and authority of ENGINEER.
- M. If more than one prime contract is to be awarded for the Work designed or specified by ENGINEER, designate a person or entity to have authority and responsibility for coordinating the activities among the various prime Contractors, and define and set forth the duties, responsibilities, and limitations of authority of such individual or entity and the relation thereof to the duties, responsibilities, and authority of ENGINEER is to be mutually agreed upon and made a part of this Agreement before such services begin.
- N. Attend the pre-bid conference, bid opening, pre-construction conferences, construction progress and other job related meetings, and Substantial Completion and final payment inspections.
- O. Provide the services of an independent testing laboratory to perform all inspections, tests, and approvals of Samples,

materials, and equipment required by the Contract Documents, or to evaluate the performance of materials, equipment, and facilities of CLIENT, prior to their incorporation into the Work with appropriate professional interpretation thereof.

- P. Provide inspection or monitoring services by an individual or entity other than ENGINEER (and disclose the identity of such individual or entity to ENGINEER) as CLIENT determines necessary to verify:
  - 1. That Contractor is complying with any Laws and Regulations applicable to Contractor's performing and furnishing the Work.
  - 2. That Contractor is taking all necessary precautions for safety of persons or property and complying with any special provisions of the Contract Documents applicable to safety.
- Q. Provide ENGINEER with the findings and reports generated by the entities providing services pursuant to paragraphs 2.01.O and P.

### ARTICLE 3 - TIMES FOR RENDERING SERVICES

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#### 3.01 General

- A. ENGINEER's services and compensation under this Agreement have been agreed to in anticipation of the orderly and continuous progress of the Project through completion. Unless specific periods of time or specific dates for providing services are specified in this Agreement, ENGINEER's obligation to render services hereunder will be for a period which may reasonably be required for the completion of said services.
- B. If in this Agreement specific periods of time for rendering services are set forth or specific dates by which services are to be completed are provided, and if such periods of time or dates are changed through no fault of ENGINEER, the rates and amounts of compensation provided for herein shall be subject to equitable adjustment. If CLIENT has requested changes in the scope, extent, or character of the Project, the time of performance of ENGINEER's services shall be adjusted equitably.
- C. For purposes of this Agreement the term "day" means a calendar day of 24 hours.

#### 3.02 Suspension

- A. If CLIENT fails to give prompt written authorization to proceed with any phase of services after completion of the immediately preceding phase, or if ENGINEER's services are delayed through no fault of ENGINEER, ENGINEER may, after giving seven days written notice to CLIENT, suspend services under this Agreement.
- B. If ENGINEER's services are delayed or suspended in whole or in part by CLIENT, or if ENGINEER's services are extended by Contractor's actions or inactions for more than 90 days through no fault of ENGINEER, ENGINEER shall be entitled to equitable adjustment of rates and amounts of compensation provided for elsewhere in this Agreement to reflect, reasonable costs incurred by ENGINEER in connection with, among other things, such delay or suspension and reactivation and the fact that the time for performance under this Agreement has been revised.



#### ARTICLE 4 - PAYMENTS TO ENGINEER

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##### 4.01 Methods of Payment for Services and Reimbursable Expenses of ENGINEER

- A. *For Basic Services.* CLIENT shall pay ENGINEER for Basic Services performed or furnished under as outlined in the Letter Agreement
- B. *For Additional Services.* CLIENT shall pay ENGINEER for Additional Services performed or furnished as outlined in Exhibit D.
- C. *For Reimbursable Expenses.* CLIENT shall pay ENGINEER for Reimbursable Expenses incurred by ENGINEER and ENGINEER's Consultants as set forth in Exhibit B.

##### 4.02 Other Provisions Concerning Payments

- A. *Preparation of Invoices.* Invoices will be prepared in accordance with ENGINEER's standard invoicing practices and will be submitted to CLIENT by ENGINEER, unless otherwise agreed.
- B. *Payment of Invoices.* Invoices are due and payable within 30 days of receipt. If CLIENT fails to make any payment due ENGINEER for services and expenses within 30 days after receipt of ENGINEER's invoice therefor, the amounts due ENGINEER will be increased at the rate of 1.0% per month (or the maximum rate of interest permitted by law, if less) from said thirtieth day. In addition, ENGINEER may, after giving seven days written notice to CLIENT, suspend services under this Agreement until ENGINEER has been paid in full all amounts due for services, expenses, and other related charges. Payments will be credited first to interest and then to principal.
- C. *Disputed Invoices.* In the event of a disputed or contested invoice, only that portion so contested may be withheld from payment, and the undisputed portion will be paid.
- D. *Payments Upon Termination.*
  - 1. In the event of any termination under paragraph 6.06, ENGINEER will be entitled to invoice CLIENT and will be paid in accordance with Exhibit B for all services performed or furnished and all Reimbursable Expenses incurred through the effective date of termination.
  - 2. In the event of termination by CLIENT for convenience or by ENGINEER for cause, ENGINEER, in addition to invoicing for those items identified in subparagraph 4.02.D.1, shall be entitled to invoice CLIENT and shall be paid a reasonable amount for services and expenses directly attributable to termination, both before and after the effective date of termination, such as reassignment of personnel, costs of terminating contracts with ENGINEER's Consultants, and other related close-out costs, using methods and rates for Additional Services as set forth in Exhibit B.
- E. *Records of ENGINEER's Costs.* Records of ENGINEER's costs pertinent to ENGINEER's compensation under this Agreement shall be kept in accordance with generally accepted accounting practices. To the extent necessary to verify ENGINEER's charges and upon CLIENT's timely request, copies of such records will be made available to CLIENT at cost.

- F. *Legislative Actions.* In the event of legislative actions after the Effective Date of the Agreement by any level of government that impose taxes, fees, or costs on ENGINEER's services or other costs in connection with this Project or compensation therefore, such new taxes, fees, or costs shall be invoiced to and paid by CLIENT as a Reimbursable Expense to which a Factor of 1.0 shall be applied. Should such taxes, fees, or costs be imposed, they shall be in addition to ENGINEER's estimated total compensation.

#### ARTICLE 5 - OPINIONS OF COST

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##### 5.01 Opinions of Probable Construction Cost

- A. ENGINEER's opinions of probable Construction Cost provided for herein are to be made on the basis of ENGINEER's experience and qualifications and represent ENGINEER's best judgment as an experienced and qualified professional generally familiar with the industry. However, since ENGINEER has no control over the cost of labor, materials, equipment, or services furnished by others, or over the Contractor's methods of determining prices, or over competitive bidding or market conditions, ENGINEER cannot and does not guarantee that proposals, bids, or actual Construction Cost will not vary from opinions of probable Construction Cost prepared by ENGINEER. If CLIENT wishes greater assurance as to probable Construction Cost, CLIENT shall employ an independent cost estimator.

##### 5.02 Designing to Construction Cost Limit

- A. If a Construction Cost limit is established between CLIENT and ENGINEER, such Construction Cost limit and a statement of ENGINEER's rights and responsibilities with respect thereto will be specifically set forth in Exhibit C - Supplemental General Conditions.

##### 5.03 Opinions of Total Project Costs

- A. ENGINEER assumes no responsibility for the accuracy of opinions of Total Project Costs.

#### ARTICLE 6 - GENERAL CONSIDERATIONS

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##### 6.01 Standards of Performance

- A. The standard of care for all professional engineering and related services performed or furnished by ENGINEER under this Agreement will be the care and skill ordinarily used by members of ENGINEER's profession practicing under similar circumstances at the same time and in the same locality. ENGINEER makes no warranties, express or implied, under this Agreement or otherwise, in connection with ENGINEER's services.
- B. ENGINEER shall be responsible for the technical accuracy of its services and documents resulting therefrom, and CLIENT shall not be responsible for discovering deficiencies therein. ENGINEER shall correct such deficiencies without additional compensation except to the extent such action is directly attributable to deficiencies in CLIENT-furnished information.
- C. ENGINEER shall perform or furnish professional engineering and related services in all phases of the Project to which this Agreement applies. ENGINEER shall serve as CLIENT's prime

professional for the Project. ENGINEER may employ such ENGINEER's Consultants as ENGINEER deems necessary to assist in the performance or furnishing of the services. ENGINEER shall not be required to employ any ENGINEER's Consultant unacceptable to ENGINEER.

- D. ENGINEER and CLIENT shall comply with applicable Laws or Regulations and CLIENT-mandated standards. This Agreement is based on these requirements as of its Effective Date. Changes to these requirements after the Effective Date of this Agreement may be the basis for modifications to CLIENT's responsibilities or to ENGINEER's scope of services, times of performance, or compensation.
- E. CLIENT shall be responsible for, and ENGINEER may rely upon, the accuracy and completeness of all requirements, programs, instructions, reports, data, and other information furnished by CLIENT to ENGINEER pursuant to this Agreement. ENGINEER may use such requirements, reports, data, and information in performing or furnishing services under this Agreement.
- F. CLIENT shall make decisions and carry out its other responsibilities in a timely manner and shall bear all costs incident thereto so as not to delay the services of ENGINEER.
- G. Prior to the commencement of the Construction Phase, CLIENT shall notify ENGINEER of any other notice or certification that ENGINEER will be requested to provide to CLIENT or third parties in connection with the Project. CLIENT and ENGINEER shall reach agreement on the terms of any such requested notice or certification, and CLIENT shall authorize such Additional Services as are necessary to enable ENGINEER to provide the notices or certifications requested.
- H. ENGINEER shall not be required to sign any documents, no matter by whom requested, that would result in the ENGINEER's having to certify, guarantee or warrant the existence of conditions whose existence the ENGINEER cannot ascertain. CLIENT agrees not to make resolution of any dispute with the ENGINEER or payment of any amount due to the ENGINEER in any way contingent upon the ENGINEER's signing any such certification.
- I. During the Construction Phase, ENGINEER shall not supervise, direct, or have control over Contractor's work, nor shall ENGINEER have authority over or responsibility for the means, methods, techniques, sequences, or procedures of construction selected by Contractor, for safety precautions and programs incident to the Contractor's work in progress, nor for any failure of Contractor to comply with Laws and Regulations applicable to Contractor's furnishing and performing the Work.
- J. ENGINEER neither guarantees the performance of any Contractor nor assumes responsibility for any Contractor's failure to furnish and perform the Work in accordance with the Contract Documents.
- K. ENGINEER shall not be responsible for the acts or omissions of any Contractor(s), subcontractor or supplier, or of any of the Contractor's agents or employees or any other persons (except ENGINEER's own employees) at the Site or otherwise furnishing or performing any of the Contractor's work; or for any decision made on interpretations or clarifications of the Contract Documents given by CLIENT without consultation and advice of ENGINEER.

- L. The General Conditions for any construction contract documents prepared hereunder are to be the "Standard General Conditions of the Construction Contract" as prepared by the Engineers Joint Contract Documents Committee (Document No. 1910-8, 1996 Edition) unless both parties mutually agree to use other General Conditions.

#### 6.02 Authorized Project Representatives

- A. Contemporaneous with the execution of this Agreement, ENGINEER and CLIENT shall designate specific individuals to act as ENGINEER's and CLIENT's representatives with respect to the services to be performed or furnished by ENGINEER and responsibilities of CLIENT under this Agreement. Such individuals shall have authority to transmit instructions, receive information, and render decisions relative to the Project on behalf of each respective party.

#### 6.03 Design without Construction Phase Services

- A. Should CLIENT provide Construction Phase services with either CLIENT's representatives or a third party, ENGINEER's Basic Services under this Agreement will be considered to be completed upon completion of the Final Design Phase or Bidding or Negotiating Phase as outlined in the Letter Agreement.
- B. It is understood and agreed that if ENGINEER's Basic Services under this Agreement do not include Project observation, or review of the Contractor's performance, or any other Construction Phase services, and that such services will be provided by CLIENT, then CLIENT assumes all responsibility for interpretation of the Contract Documents and for construction observation or review and waives any claims against the ENGINEER that may be in any way connected thereto.

#### 6.04 Use of Documents

- A. All Documents are instruments of service in respect to this Project, and ENGINEER shall retain an ownership and property interest therein (including the right of reuse at the discretion of the ENGINEER) whether or not the Project is completed.
- B. Copies of CLIENT-furnished data that may be relied upon by ENGINEER are limited to the printed copies (also known as hard copies) that are delivered to the ENGINEER. Files in electronic media format of text, data, graphics, or of other types that are furnished by CLIENT to ENGINEER are only for convenience of ENGINEER. Any conclusion or information obtained or derived from such electronic files will be at the user's sole risk.
- C. Copies of Documents that may be relied upon by CLIENT are limited to the printed copies (also known as hard copies) that are signed or sealed by the ENGINEER. Files in electronic media format of text, data, graphics, or of other types that are furnished by ENGINEER to CLIENT are only for convenience of CLIENT. Any conclusion or information obtained or derived from such electronic files will be at the user's sole risk.
- D. Because data stored in electronic media format can deteriorate or be modified inadvertently or otherwise without authorization of the data's creator, the party receiving electronic files agrees that it will perform acceptance tests or procedures within 60 days, after which the receiving party shall be deemed to have accepted the data thus transferred. Any errors detected within the 60-day acceptance period will be corrected by the party delivering the

- electronic files. ENGINEER shall not be responsible to maintain documents stored in electronic media format after acceptance by CLIENT.
- E. When transferring documents in electronic media format, ENGINEER makes no representations as to long term compatibility, usability, or readability of documents resulting from the use of software application packages, operating systems, or computer hardware differing from those used by ENGINEER at the beginning of this Project.
- F. CLIENT may make and retain copies of Documents for information and reference in connection with use on the Project by CLIENT. Such Documents are not intended or represented to be suitable for reuse by CLIENT or others on extensions of the Project or on any other project. Any such reuse or modification without written verification or adaptation by ENGINEER, as appropriate for the specific purpose intended, will be at CLIENT's sole risk and without liability or legal exposure to ENGINEER or to ENGINEER's Consultants. CLIENT shall indemnify and hold harmless ENGINEER and ENGINEER's Consultants from all claims, damages, losses, and expenses, including attorneys' fees arising out of or resulting therefrom.
- G. If there is a discrepancy between the electronic files and the hard copies, the hard copies govern.
- H. Any verification or adaptation of the Documents for extensions of the Project or for any other project will entitle ENGINEER to further compensation at rates as defined in Exhibit B.
- D. CLIENT and ENGINEER shall each deliver to the other certificates of insurance evidencing the coverage.
- E. All policies of property insurance shall contain provisions to the effect that ENGINEER's and ENGINEER's Consultants' interests are covered and that in the event of payment of any loss or damage the insurers will have no rights of recovery against any of the insureds or additional insureds thereunder.
- F. At any time, CLIENT may request that ENGINEER, at CLIENT's sole expense, provide additional insurance coverage, increased limits, or revised deductibles that are more protective. If so requested by CLIENT, with the concurrence of ENGINEER, and if commercially available, ENGINEER shall obtain and shall require ENGINEER's Consultants to obtain such additional insurance coverage, different limits, or revised deductibles for such periods of time as requested by CLIENT.

#### 6.05 Insurance

- A. ENGINEER shall procure and maintain insurance as set forth below:
1. Workers Compensation & Employer's Liability
    - a. Each Occurrence: \$1,000,000
  2. General Liability
    - a. Each Occurrence: \$1,000,000
    - b. General Aggregate: \$2,000,000
  3. Excess or Umbrella Liability
    - a. Each Occurrence: \$5,000,000
    - b. General Aggregate: \$5,000,000
  4. Automobile Liability
    - a. Combined Single Limit (Bodily Injury and Property Damage):  
Each Accident \$1,000,000
  5. Professional Liability
    - a. Each Occurrence: \$2,000,000
    - b. General Aggregate: \$2,000,000
- B. CLIENT shall cause ENGINEER and ENGINEER's Consultants to be listed as additional insureds on any general liability or property insurance policies carried by CLIENT which are applicable to the Project.
- C. CLIENT shall require Contractor to purchase and maintain general liability and other insurance as specified in the Contract Documents and to cause ENGINEER and ENGINEER's Consultants to be listed as additional insureds with respect to such liability and other insurance purchased and maintained by Contractor for the Project



#### 6.06 Termination

- A. The obligation to provide further services under this Agreement may be terminated:
1. *For cause,*
    - a. By either party upon 30 days written notice in the event of substantial failure by the other party to perform in accordance with the terms hereof through no fault of the terminating party.
    - b. By ENGINEER:
      - 1) upon seven days written notice if ENGINEER believes that ENGINEER is being requested by CLIENT to furnish or perform services contrary to ENGINEER's responsibilities as a licensed professional; or
      - 2) upon seven days written notice if the ENGINEER's services for the Project are delayed or suspended for more than 90 days for reasons beyond ENGINEER's control.
      - 3) ENGINEER shall have no liability to CLIENT on account of such termination.
    - c. Notwithstanding the foregoing, this Agreement will not terminate as a result of such substantial failure if the party receiving such notice begins, within seven days of receipt of such notice, to correct its failure to perform and proceeds diligently to cure such failure within no more than 30 days of receipt thereof; provided, however, that if and to the extent such substantial failure cannot be reasonably cured within such 30 day period, and if such party has diligently attempted to cure the same and thereafter continues diligently to cure the same, then the cure period provided for herein shall extend up to, but in no case more than, 60 days after the date of receipt of the notice.
  2. *For convenience,*
    - a. By CLIENT effective upon the receipt of notice by ENGINEER.

- B. The terminating party under paragraphs 6.06.A.1 or 6.06.A.2 may set the effective date of termination at a time up to 30 days later than otherwise provided to allow ENGINEER to demobilize personnel and equipment from the Site, to complete tasks whose value would otherwise be lost, to prepare notes as to the status of completed and uncompleted tasks, and to assemble Project materials in orderly files.

#### 6.07 Controlling Law

- A. This Agreement is to be governed by the law of the state in which the Project is located.

#### 6.08 Successors, Assigns, and Beneficiaries

- A. CLIENT and ENGINEER each is hereby bound and the partners, successors, executors, administrators and legal representatives of CLIENT and ENGINEER (and to the extent permitted by paragraph 6.08.B the assigns of CLIENT and ENGINEER) are hereby bound to the other party to this

Agreement and to the partners, successors, executors, administrators and legal representatives (and said assigns) of such other party, in respect of all covenants, agreements and obligations of this Agreement.

- B. Neither CLIENT nor ENGINEER may assign, sublet, or transfer any rights under or interest (including, but without limitation, moneys that are due or may become due) in this Agreement without the written consent of the other, except to the extent that any assignment, subletting, or transfer is mandated or restricted by law. Unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under this Agreement.
- C. Unless expressly provided otherwise in this Agreement:
1. Nothing in this Agreement shall be construed to create, impose, or give rise to any duty owed by CLIENT or ENGINEER to any Contractor, Contractor's subcontractor, supplier, other individual or entity, or to any surety for or employee of any of them.
  2. All duties and responsibilities undertaken pursuant to this Agreement will be for the sole and exclusive benefit of CLIENT and ENGINEER and not for the benefit of any other party. The CLIENT agrees that the substance of the provisions of this paragraph 6.08.C shall appear in the Contract Documents.

#### 6.09 Dispute Resolution

- A. CLIENT and ENGINEER agree to negotiate all disputes between them in good faith for a period of 30 days from the date of notice prior to exercising their rights under provisions of this Agreement, or under law. In the absence of such an agreement, the parties may exercise their rights under law.
- B. If and to the extent that CLIENT and ENGINEER have agreed on a method and procedure for resolving disputes between them arising out of or relating to this Agreement, such dispute resolution method and procedure is set forth in Exhibit C, "Supplemental Conditions."

#### 6.10 Hazardous Environmental Condition

- A. CLIENT represents to Engineer that to the best of its knowledge a Hazardous Environmental Condition does not exist.
- B. CLIENT has disclosed to the best of its knowledge to ENGINEER the existence of all Asbestos, PCB's, Petroleum, Hazardous Waste, or Radioactive Material located at or near the Site, including type, quantity and location.
- C. If a Hazardous Environmental Condition is encountered or alleged, ENGINEER shall have the obligation to notify CLIENT and, to the extent of applicable Laws and Regulations, appropriate governmental officials.
- D. It is acknowledged by both parties that ENGINEER's scope of services does not include any services related to a Hazardous Environmental Condition. In the event ENGINEER or any other party encounters a Hazardous Environmental Condition, ENGINEER may, at its option and without liability for consequential or any other damages, suspend performance of services on the portion of the Project affected thereby until CLIENT: (i) retains appropriate specialist consultant(s) or contractor(s) to identify and, as appropriate, abate, remediate, or

remove the Hazardous Environmental Condition; and (ii) warrants that the Site is in full compliance with applicable Laws and Regulations.

- E. CLIENT acknowledges that ENGINEER is performing professional services for CLIENT and that ENGINEER is not and shall not be required to become an “arranger,” “operator,” “generator,” or “transporter” of hazardous substances, as defined in the Comprehensive Environmental Response, Compensation, and Liability Act of 1990 (CERCLA), which are or may be encountered at or near the Site in connection with ENGINEER’s activities under this Agreement.
- F. If ENGINEER’s services under this Agreement cannot be performed because of a Hazardous Environmental Condition, the existence of the condition shall justify ENGINEER’s terminating this Agreement for cause on 30 days notice.

#### 6.11 Allocation of Risks

##### A. Indemnification

1. To the fullest extent permitted by law, ENGINEER shall indemnify and hold harmless CLIENT, CLIENT’s officers, directors, partners, and employees from and against any and all costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals, and all court or arbitration or other dispute resolution costs) caused solely by the negligent acts or omissions of ENGINEER or ENGINEER’s officers, directors, partners, employees, and ENGINEER’s Consultants in the performance and furnishing of ENGINEER’s services under this Agreement.
2. To the fullest extent permitted by law, CLIENT shall indemnify and hold harmless ENGINEER, ENGINEER’s officers, directors, partners, employees, and ENGINEER’s Consultants from and against any and all costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals, and all court or arbitration or other dispute resolution costs) caused solely by the negligent acts or omissions of CLIENT or CLIENT’s officers, directors, partners, employees, and CLIENT’s consultants with respect to this Agreement or the Project.
3. To the fullest extent permitted by law, ENGINEER’s total liability to CLIENT and anyone claiming by, through, or under CLIENT for any cost, loss, or damages caused in part by the negligence of ENGINEER and in part by the negligence of CLIENT or any other negligent entity or individual, shall not exceed the percentage share that ENGINEER’s negligence bears to the total negligence of CLIENT, ENGINEER, and all other negligent entities and individuals.
4. In addition to the indemnity provided under paragraph 6.11.A.2 of this Agreement, and to the fullest extent permitted by law, CLIENT shall indemnify and hold harmless ENGINEER and its officers, directors, partners, employees, and ENGINEER’s Consultants from and against all costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals, and all court or arbitration or other dispute resolution costs) caused by, arising out of or resulting from a Hazardous Environmental Condition, provided that (i) any such cost, loss, or damage

is attributable to bodily injury, sickness, disease, or death, or to injury to or destruction of tangible property (other than completed Work), including the loss of use resulting therefrom, and (ii) nothing in this paragraph 6.11.A.4. shall obligate CLIENT to indemnify any individual or entity from and against the consequences of that individual’s or entity’s own negligence or willful misconduct.

5. The indemnification provision of paragraph 6.11.A.1 is subject to and limited by the provisions agreed to by CLIENT and ENGINEER in Exhibit C, “Supplemental Conditions,” if any.

##### 6.12 Notices

- A. Any notice required under this Agreement will be in writing, addressed to the appropriate party at its address on the signature page and given personally, or by registered or certified mail postage prepaid, or by a commercial courier service. All notices shall be effective upon the date of receipt.

##### 6.13 Survival

- A. All express representations, indemnifications, or limitations of liability included in this Agreement will survive its completion or termination for any reason.

##### 6.14 Severability

- A. Any provision or part of the Agreement held to be void or unenforceable under any Laws or Regulations shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon CLIENT and ENGINEER, who agree that the Agreement shall be reformed to replace such stricken provision or part thereof with a valid and enforceable provision that comes as close as possible to expressing the intention of the stricken provision.

##### 6.15 Waiver

- A. Non-enforcement of any provision by either party shall not constitute a waiver of that provision, nor shall it affect the enforceability of that provision or of the remainder of this Agreement.

##### 6.16 Headings

- A. The headings used in this Agreement are for general reference only and do not have special significance.

##### 6.16 Definitions

- A. Defined terms will be in accordance with EJDCD No. 1910-1 (1996 Edition)

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CLIENT Initial \_\_\_\_\_

TAI Initial \_\_\_\_\_



**EXHIBIT B  
SCHEDULE OF HOURLY RATES AND REIMBURSABLE EXPENSES**

**2024 Schedule of Hourly Rates**

Classification	Billing Rate
Engineering Intern	\$72.00
Engineer Level I	\$130.00
Engineer Level II	\$143.00
Engineer Level III	\$152.00
Engineer Level IV	\$169.00
Engineer Level V	\$191.00
Engineer Level VI	\$218.00
Engineer VII	\$229.00
Engineer VIII	\$264.00
Principal Engineer	\$271.00
Architect Intern	\$72.00
Architect Level I	\$114.00
Architect Level II	\$138.00
Architect Level III	\$160.00
Architect Level IV	\$172.00
Architect Level V	\$193.00
Architect Level VI	\$210.00
Architect VII	\$227.00
Architect VIII	\$245.00
Principal Architect	\$263.00
Technician Level I	\$108.00
Technician Level II	\$131.00
Technician Level III	\$153.00
Technician Level IV	\$167.00
Senior Technician	\$185.00
GIS Specialist I	\$108.00
GIS Specialist II	\$143.00
GIS Specialist III	\$171.00
Clerical Level I	\$72.00
Clerical Level II	\$86.00
Clerical Level III	\$104.00
Survey Technician Level I	\$72.00
Survey Technician Level II	\$89.00
Survey Crew Chief	\$184.00
Professional Land Surveyor	\$221.00
Project Coordinator I	\$131.00
Project Coordinator II	\$142.00
Project Coordinator III	\$152.00
Department Director	\$218.00
Project Manager	\$218.00
Senior Project Manager	\$230.00
Sub Consultants	Cost Plus 5%

*\*\*Rates will be escalated for Overtime & Holiday Pay to adjust for Premium Time based on the current Illinois Department of Labor Rules*

*Note: On January 1<sup>st</sup> of each year, the fees and hourly rates may be escalated by an amount not to exceed five (5) percent.*

**2024 Reimbursable Expenses**

Item	Unit	Unit Price
Engineering Copies – B&W 20lb Bond	Sq. Ft.	\$0.48
Engineering Copies - Color 24lb Bond	Sq. Ft.	\$1.00
Mylar Engineering Copies up to 24" by 36"	Each	\$8.00
Color Presentation Grade Large Format Print	Sq. Ft.	\$5.15
Comb Binding > 120 Sheets	Each	\$4.75
Comb Binding < 120 Sheets	Each	\$3.50
Binding Strips (Engineering Plans)	Each	\$1.00
5 Mil Laminating	Each	\$1.25
Copy 11" x 17" - Color	Each	\$0.50
Copy 11" x 17" - Black and White	Each	\$0.25
Copy 8.5" x 11" - Color	Each	\$0.25
Copy 8.5" x 11" - Black and White	Each	\$0.12
Recorded Documents	Each	\$25.00
Engineering Scanning	Each	\$2.00
Plat Research	Time and Material	
Per Diem	Each Day	\$30.00
Field / Survey Truck	Each Day	\$45.00
Postage and Freight		Cost
Mileage	Per Mile	Federal Rate

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CLIENT Initial \_\_\_\_\_

TAI Initial \_\_\_\_\_



**EXHIBIT C  
SUPPLEMENTAL CONDITIONS**

*NONE AT THIS TIME*



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**EXHIBIT D  
CONTRACT ADDENDUM**

Project Name: \_\_\_\_\_

Project No. \_\_\_\_\_

Addendum No. \_\_\_\_\_

This is an addendum attached to, made part of and incorporated by reference into the Agreement between CLIENT and ENGINEER for modification of scope and compensation for the PROJECT. All other terms and conditions of the original Agreement between CLIENT and ENGINEER are unchanged by this Contract Addendum and shall remain in full force and effect and shall govern the obligations of both CLIENT and ENGINEER, including obligations created by this Contract Addendum.

The contract modifications are described below:

- 1.
- 2.
- 3.

CONTRACT SUMMARY

Original Contract Amount	\$ _____
Changes Prior to This Change	\$ _____
Amount of This Change	\$ _____
Revised Contract Amount:	\$ _____

For purposes of expediency, ENGINEER and CLIENT agree that an executed electronic version of this Contract Addendum shall suffice. The original of this Contract Addendum shall be returned to ENGINEER after execution.

CLIENT:

ENGINEER:

VILLAGE OF BARTLETT

TROTTER AND ASSOCIATES, INC.

SIGNED:

\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

TITLE

TITLE

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