

VILLAGE OF BRADLEY

---

RESOLUTION NO. R-08-22-02

A RESOLUTION ACCEPTING QUOTE IN CONNECTION WITH THE 2022 SANITARY  
SEWER EVALUATION SURVEY

---

ADOPTED BY THE  
BOARD OF TRUSTEES OF THE  
VILLAGE OF BRADLEY

THIS 8<sup>th</sup> DAY OF August, 2022

---

Published in pamphlet form by the authority of the Board of Trustees of the Village of Bradley,  
Kankakee County, Illinois this 8<sup>th</sup> day of Aug., 2022

RESOLUTION NO. B-08-22-02

**A RESOLUTION ACCEPTING BIDS IN CONNECTION WITH THE 2022 SANITARY SEWER EVALUATION SURVEY(SSES)**

**WHEREAS**, the Corporate Authorities of the Village of Bradley, Kankakee County, Illinois, have the authority to adopt resolutions and to promulgate rules and regulations that pertain to its government and affairs and protect the public health, safety, and welfare of its citizens; and

**WHEREAS**, the Village previously posted a request for proposals in connection with the Village's 2022 Sanitary Sewer Evaluation Survey project (the "Project"); and

**WHEREAS**, the Village received, reviewed, and evaluated all proposals related to the Project pursuant to the Village's qualifications-based selection ("QBS") policy; and

**WHEREAS**, at the conclusion of the Village's QBS evaluation for the Project, the Village determined that Robinson Engineering, Ltd. ("Robinson"), was the most preferred firm that had submitted a proposal for the Project; and

**WHEREAS**, the Village subsequently entered into contract negotiations with Robinson, which has proposed an Agreement for Professional Services for the Project (the "Agreement"), a copy of which is attached hereto as Exhibit A; and

**WHEREAS**, the Corporate Authorities of the Village have reviewed the agreement and have determined that it is necessary, expedient, and in the best interests of the Village and its citizens to approve the Agreement with Robinson in an total amount, not to exceed, of one-hundred, forty-four thousand and 00/100 (144,000.00) for the Project; and

**NOW THEREFORE, BE IT RESOLVED BY THE CORPORATE AUTHORITIES OF THE VILLAGE OF BRADLEY, KANKAKEE COUNTY, ILLINOIS, PURSUANT TO ITS STATUTORY AUTHORITY, AS FOLLOWS:**

**SECTION 1.** The Corporate Authorities hereby find that all of the recitals contained in the preamble to this Resolution are true, correct, and complete and are hereby incorporated by reference hereto and made a part hereof.

**SECTION 2.** The Corporate Authorities of the Village hereby find and declare that the Agreement (Exhibit A) with Robinson for the 2022 SSES Project is fair, reasonable, and acceptable to the Village and hereby awards said contract to Robinson Engineering for the amount, not to exceed, of one-hundred, forty-four thousand and 00/100 (144,000.00).

**SECTION 3.** The Corporate Authorities of the Village hereby authorize and direct the Public Works Director to take any actions, including without limitation signing and delivering any documents, necessary to effectuate the intent of this Resolution, which is to accept Robinson's proposal and approve the Agreement with Robinson to authorize the Project as set forth herein.

**SECTION 4.** In the event that any provision or provisions, portion or portions, or clause or clauses of this Resolution shall be declared to be invalid or unenforceable by a Court of competent

jurisdiction, such adjudication shall in no way affect or impair the validity or enforceability of any of the remaining provisions, portions, or clauses of this Resolution that may be given effect without such invalid or unenforceable provision or provisions, portion or portions, or clause or clauses.

**SECTION 5.** All ordinances, resolutions, motions, or parts thereof, conflicting with any of the provisions of this Resolution, are hereby repealed to the extent of the conflict.

**SECTION 6.** The Village Clerk is hereby directed to publish this Resolution in pamphlet form.

**SECTION 7.** This Resolution shall be in full force and effect from and after its passage, approval, and publication in pamphlet form as provided by law.

**PASSED** by the Board of Trustees on a roll call vote on the 8<sup>th</sup> day of August, 2022.

**TRUSTEES:**

RYAN LEBRAN	Aye - <input checked="" type="checkbox"/>	Nay - <input type="checkbox"/>	Absent - <input type="checkbox"/>
BRIAN BILLINGSLEY	Aye - <input checked="" type="checkbox"/>	Nay - <input type="checkbox"/>	Absent - <input type="checkbox"/>
DARREN WESTPHAL	Aye - <input checked="" type="checkbox"/>	Nay - <input type="checkbox"/>	Absent - <input type="checkbox"/>
BRIAN TIERI	Aye - <input checked="" type="checkbox"/>	Nay - <input type="checkbox"/>	Absent - <input type="checkbox"/>
GRANT D. VANDENHOUT	Aye - <input checked="" type="checkbox"/>	Nay - <input type="checkbox"/>	Absent - <input type="checkbox"/>
GENE JORDAN	Aye - <input checked="" type="checkbox"/>	Nay - <input type="checkbox"/>	Absent - <input type="checkbox"/>

**VILLAGE PRESIDENT:**

MICHAEL WATSON      Aye -       Nay -       Absent -

**TOTALS:**                      Aye - 6      Nay - 0      Absent - 0

**ATTEST:**

Julie Tambling  
JULIE TAMBLING, VILLAGE CLERK

**APPROVED** this 8<sup>th</sup> day of August, 2022.

Michael Watson  
MICHAEL WATSON, VILLAGE PRESIDENT

**ATTEST:**

Julie Tambling  
JULIE TAMBLING, VILLAGE CLERK

STATE OF ILLINOIS        )  
  )  
  )        §§  
COUNTY OF KANKAKEE    )

I, Julie Tambling, Village Clerk of the Village of Bradley, County of Kankakee and State of Illinois, DO HEREBY CERTIFY that the attached is a true, perfect, and complete copy of Resolution number R-08-22-02, "A RESOLUTION ACCEPTING QUOTE IN CONNECTION WITH THE 2022 SANITARY SEWER EVALUATION SURVEY PROJECT" which was adopted by the Village Corporate Authorities at a meeting held on the 8<sup>th</sup> day of Aug, 2022.

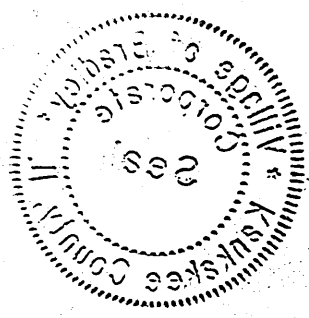
IN WITNESS WHEREOF, I have hereunto set my hand in the Village of Bradley, County of Kankakee and State of Illinois, on this 8<sup>th</sup> day of Aug, 2022.

Julie Tambling  
\_\_\_\_\_  
JULIE TAMBLING, VILLAGE CLERK



Faint, illegible text, possibly bleed-through from the reverse side of the page.

*Handwritten signature or scribble.*



# **EXHIBIT A**



# Agenda Cover Memorandum

**Meeting Date:** 8 August 2022

**Fiscal Year:** 2022-2023

**Agenda Item:** Resolution approving I & I Inspection Program for 2022

**Item Type:**  Ordinance  Resolution  Other

**Action Requested:**  Approval  First Reading  For Discussion  Informational

**Staff Contact:**  
**Name:** Terrence Memenga  
**Phone:** 815-693-9516  
**Email:** [TJMemenga@BradleyIL.org](mailto:TJMemenga@BradleyIL.org)

Internal Review
Initials
Date

**Brief Summary:**

The Village initiated a program to detect 'Inflow & Infiltration' in 2016. The Village was divided into 12 basins, or areas of study. Flows were measured and recorded over a period of time covering wet and dry conditions. With this data, an order of precedence was established to continue with a detailed study showing points of failure within the sanitary sewer system. We began a process of study one year, and then complete repairs the next. In 2021, a leadership change at the RJN Engineering firm caused a delay resulting in no study conducted in that year. In 2022, we solicited applications for a new engineering firm and completed a QBS process which resulted in Robinson Engineering being selected our new SSES Engineers. This resolution is to approve our next round of study area in basins 6, 7, and 8. We need to get this program restarted so maintenance may resume in 2023. It includes smoke testing in basins 7 & 8, and thorough inspection of all manholes in all 3 basins. Repairs identified in these basins will be repaired in FY 24.

**Recommendation:**

Approval

**Supporting Documents:**

Bid Tab

**Financial (if applicable)**

Is this a budgeted item?  Yes  No  Requires Budget Amendment

Line Item: Title:

Amount Budgeted:

# **EXHIBIT A**





Robinson Engineering, Ltd.  
17000 South Park Avenue  
South Holland, IL 60473  
(P) 708-331-6700  
(F) 708-331-3826

## AGREEMENT FOR PROFESSIONAL SERVICES

### VILLAGE OF BRADLEY, ILLINOIS AND ROBINSON ENGINEERING, LTD.

**This Agreement** is made and entered into this 15<sup>th</sup> day of July 2022, between the Village of Bradley, Illinois, hereinafter referred to as OWNER, located at 147 S. Michigan, Bradley, IL 60915, and Robinson Engineering, Ltd., hereinafter referred to as ENGINEER. This Agreement shall be in accordance with the following elements.

#### Scope of Services

Services to be provided under this Agreement can be described generally as engineering, field investigations, sanitary sewer evaluation services (SSES), construction observation services, computer-aided design drafting, geographic information systems (GIS), clerical, and administrative activities performed in accordance with the terms and conditions of this Agreement and subsequently issued Task Orders. Prior to ENGINEER's engagement by OWNER, a mutually agreeable Task Order document shall be developed and executed by both parties. The Task Order will include **Project Information**, a detailed **Scope of Services**, **Compensation**, and **Schedule**. The general form of the Task Order shall be in accordance with the enclosed Task Order No. 22-XX, provided as Exhibit A.

#### Compensation

OWNER shall compensate ENGINEER for Services indicated in each subsequently issued Task Order for a lump sum or for an estimated fee on an hourly rate basis plus expenses (then-current rate sheet shall be included with the specific task order).

Reimbursable Expenses incurred will be billed at actual cost plus 10 percent.

Sub-Consultant Expenses incurred will be billed at actual cost plus 10 percent.

Only sales taxes or other taxes on Services that are in effect at the time this Agreement is executed are included in the Compensation. If the tax laws are subsequently changed by legislation during the life of this Agreement, this Agreement will be adjusted to reflect the net change.

The lump sum and estimated fees for the Services are based on wage scale/hourly billing rates, adjusted annually on January 1, that assume the Services will be completed as indicated. Should the completion time be extended, it may be cause for an adjustment in the fee that reflects any wage scale adjustments made.

The lump sum and estimated fees will not be exceeded without prior notice to an agreement by OWNER but may be adjusted for time delays, time extensions, amendments, or changes in the Scope of Services. Any adjustment will be negotiated based on ENGINEER's increase in costs caused by delays, extensions, amendments, or changes.

#### Schedule

Services will begin upon execution of this Agreement. This Agreement will terminate upon written notification from either the ENGINEER or the OWNER to the other party. The schedule for individual tasks will be included on each subsequently issued Task Order.

### **Standard of Care**

The standard of care for all professional engineering, survey or related professional services performed or furnished by ENGINEER under this Agreement will be the care and skill ordinarily used by members of the same 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 on this Project.

### **OWNER's Responsibilities**

1. Assist ENGINEER by placing at ENGINEER's disposal all available information pertinent to the Task Order-specified project including previous reports, previous drawings and specifications, and any other data relative to the scope of the Task Order-specified project.
2. Furnish to ENGINEER, as required by ENGINEER for performance of Services as part of this Agreement, data prepared by or services of others obtained or prepared by OWNER relative to the scope of the Task Order-specified project, including, but not limited to wetland studies, subsurface explorations, previous related projects, etc., all of which ENGINEER may rely upon in performing Services under this Agreement.
3. Provide access to the site as required for ENGINEER to perform Task Order-specified project Services under this Agreement.
4. Guarantee access to and make all provisions for ENGINEER to enter upon public and private lands as required for ENGINEER to perform Task Order-specified project Services under this Agreement.
5. Examine all reports, sketches, estimates, special provisions, drawings, and other documents presented by ENGINEER and render, in writing, decisions pertaining thereto within a reasonable time so as not to delay the performance of ENGINEER.
6. Provide all legal services as may be required for the development of the Task Order-specified project.

### **Opinion of Probable Cost**

ENGINEER's opinions of probable Construction Cost 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 construction industry. However, since ENGINEER has no control over the cost of labor, materials, equipment, or services furnished by others, or over contractors' methods of determining prices, or over competitive bidding or market conditions, ENGINEER cannot and does not guarantee that proposals, bids, or actual Construction Cost shall not vary from opinions of probable Construction Cost prepared by ENGINEER.

### **Observation Services**

In furnishing observation services, ENGINEER's efforts will be directed toward determining for OWNER that the completed project will, in general, conform to the Contract Documents; but ENGINEER will not supervise, direct, or have control over the contractor's work and will not be responsible for the contractor's construction means, methods, techniques, sequences, procedures, or health and safety precautions or programs, or for the contractor's failure to perform the construction work in accordance with the Contract Documents.

### **Payment Requests**

ENGINEER's review of Payment Requests from contractor(s) will not impose responsibility to determine that title to any of the work has passed to OWNER free and clear of any liens, claims, or other encumbrances. Any such service by ENGINEER will be provided through an amendment to this Agreement.

### **Changes**

1. OWNER may make changes within the general scope of this Agreement in the Services to be performed. If such changes cause an increase or decrease in ENGINEER's cost or time required for performance of any Services under this Agreement, an equitable adjustment will be made, and this Agreement will be modified in writing accordingly.
2. No services for which additional compensation will be charged by ENGINEER will be furnished without the written authorization of OWNER. The fee established herein will not be exceeded without agreement by OWNER but may be adjusted for time delays, time extensions, amendments, or changes in the Scope of Services.
3. If there is a modification of oversight agency (including but not limited to the Illinois Department of Transportation, the Illinois Environmental Protection Agency, etc.) requirements relating to the Services to be performed under this Agreement subsequent to the date of execution of this Agreement, the increased or decreased cost of performance of the Services provided for in this Agreement will be reflected in an appropriate modification of this Agreement.

### **Extension of Services**

This Agreement may be extended for additional Services upon OWNER's authorization. Extension of Services will be provided for a lump sum or an hourly rate plus expenses.

### **Payment**

ENGINEER shall prepare invoices in accordance with its standard invoicing practices and submit the invoices to OWNER on a monthly basis. Invoices are due and payable within 30 days of receipt. Payment to ENGINEER shall be in accordance with 50 ILCS 505 (Local Government Prompt Payment Act). In addition, ENGINEER may, after giving seven days written notice to OWNER, suspend services under this Agreement until ENGINEER has been paid in full all amounts due for services, expenses, and other related charges. OWNER waives any and all claims against ENGINEER for any such suspension. Payments will be credited first to interest (if any) and then to principal

### **Service Elements Not Included**

The following services are not included in this Agreement. If such services are required, they will be provided as noted. If necessary, additional Service Elements Not Included may be identified in each subsequently issued Task Order.

1. Additional and Extended Services during construction made necessary by:
  - b. Work damaged by fire or other cause during construction.
  - c. A significant amount of defective or neglected work of any contractor.
  - d. Prolongation of the time of the construction contract.
  - e. Default by contractor under the construction contract.

Any services of this type will be provided through an amendment to this Agreement.

2. Archaeological or Botanical Investigations: ENGINEER will assist OWNER in engaging the services of an archaeologist or botanist, if required, to perform the field investigations necessary for agency review through a separate agreement with OWNER.
3. Bidding- and Construction-Related Services: Bidding- and construction-related services for the Task Order-specified project will be provided through an amendment to this Agreement or through a separate agreement with OWNER.
4. Flood Studies: Any services involved in performing flood and floodway studies, if required, will be provided through an amendment to this Agreement or through a separate agreement with OWNER.
5. Geotechnical Engineering: Geotechnical engineering information will be required and provided through OWNER and OWNER's geotechnical consultant. ENGINEER will assist OWNER with defining initial scope of geotechnical information that is required to allow OWNER to procure geotechnical engineering services.
6. Land and Easement Surveys/Procurement: Any services of this type including, but not limited to, a record search, field work, preparation of legal descriptions, or assistance to OWNER for securing land rights necessary for siting sanitary sewer, tanks, and appurtenances will be provided through a separate agreement with OWNER.
7. Permit and Plan Review Fees: All permit and plan review fees payable to regulatory agencies shall be paid for by OWNER.
8. Preparation for and/or Appearance in Litigation on Behalf of OWNER: This type of service by ENGINEER will be provided through a separate agreement with OWNER.
9. Review of Product Substitutions or Means. Method. Technique. Sequence. or Procedure Substitutions Proposed by Contractor: The terms of the construction Contract (GC 6.05B and GC 6.05E) call for the construction contractor to reimburse OWNER for ENGINEER's cost for evaluating substitute products, means, method, technique, sequence, or procedure of construction. ENGINEER's cost for such evaluations is not included in the scope of this Agreement. Services of this type by ENGINEER will be provided through an amendment to this Agreement.
10. Revising Designs. Drawings. Specifications. and Documents: Any services required after these items have been previously approved by state or federal regulatory agencies, because of a change in the Task Order-specified project scope or where such revisions are necessary to comply with changed state and federal regulations that are put in force after Services have been partially completed, will be provided through an amendment to this Agreement.
11. Services Furnished During Readvertisement for Bids, if Ordered by OWNER: If a Contract is not awarded pursuant to the original bids, any services of this type will be provided through an amendment to this Agreement.
12. Services Related to Buried Wastes and Contamination: Should buried solid, liquid, or potentially hazardous wastes or subsurface or soil contamination be uncovered at the site, follow-up investigations may be required to identify the nature and extent of such wastes or subsurface soil or groundwater contamination and to

determine appropriate methods for managing of such waste or contamination and for follow-up monitoring. Investigation, design, or construction-related services related to buried solid, liquid, or potentially hazardous wastes or soil or groundwater contamination will be provided through a separate agreement with OWNER.

#### **Data Provided by Others**

ENGINEER is not responsible for the quality or accuracy of data nor for the methods used in the acquisition or development of any such data where such data is provided by or through OWNER, contractor, or others to ENGINEER and where ENGINEER's Services are to be based upon such data. Such data includes, but is not limited to, soil borings, groundwater data, chemical analyses, geotechnical testing, reports, calculations, designs, drawings, specifications, record drawings, contractor's marked-up drawings, and topographical surveys.

#### **Termination**

This Agreement may be terminated with cause in whole or in part in writing by either party subject to a two-week notice and the right of the party being terminated to meet and discuss the termination before the termination takes place. ENGINEER will be paid for all completed or obligated Services up to the date of termination.

#### **Third-Party Beneficiaries**

Nothing contained in this Agreement creates a contractual relationship with or a cause of action in favor of a third party against either OWNER or ENGINEER. ENGINEER's Services under this Agreement are being performed solely for OWNER's benefit, and no other party or entity shall have any claim against ENGINEER because of this Agreement or the performance or nonperformance of Services hereunder. OWNER and ENGINEER agree to require a similar provision in all contracts with contractors, Subcontractors, subconsultants, vendors, and other entities involved in the Task Order-specified project to carry out the intent of this provision.

#### **Compliance with Freedom of Information and Open Meeting Acts**

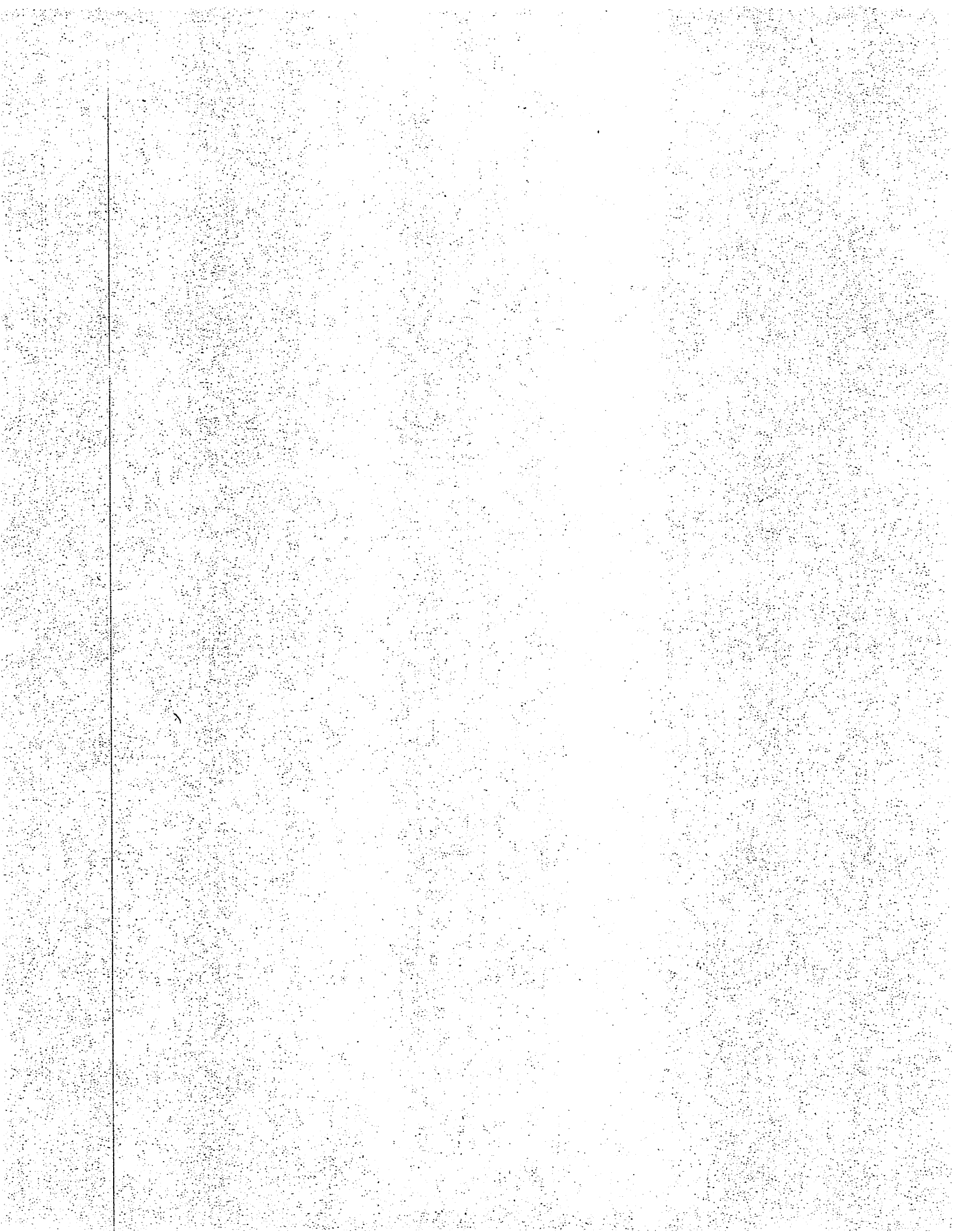
ENGINEER and (if applicable) ENGINEER's independent professional associates or consultants may be required to produce documents and emails as part of the Freedom of Information Act and Open Meetings Act (Illinois Public Act 96-0542), or from a court ordered subpoena. Requests of this nature are beyond the control of ENGINEER and are specifically not included in this contract. ENGINEER will notify the OWNER of any request received on behalf of this contract and will invoice the OWNER for time and materials at the then current published rates.

#### **Insurance**

ENGINEER shall maintain insurance coverage for Professional, Commercial General, Automobile, Worker's Compensation and Employer's Liability in amounts in accordance with any legal requirements and ENGINEER's business requirements. Certificates of Insurance shall be provided by ENGINEER upon written request.

#### **Indemnification**

ENGINEER agrees to the fullest extent permitted by law, to indemnify and hold OWNER harmless from loss, costs (including reasonable attorney's fees and costs of defense) or expense for property damage and bodily injury, including death, caused by ENGINEER, or its employees' negligent acts, errors or omissions in the performance of professional services under this agreement. OWNER agrees to the fullest extent permitted by law, to indemnify and hold ENGINEER harmless from loss, costs (including reasonable attorney's fees and costs of defense) or expense for property damage and bodily injury, including death, caused by OWNER's, or its employees' negligent acts, errors or omissions in the performance of professional services under this agreement.



If the negligence or willful misconduct of both ENGINEER and the OWNER (or a person identified above for whom each is liable) is a cause of such damage or injury, the loss, cost, or expense shall be shared between ENGINEER and OWNER in proportion to their relative degrees of negligence acts, errors or omissions and the right of indemnity shall apply for such proportion.

**Dispute Resolution**

Except as may be otherwise provided in this Agreement, all claims, counterclaims, disputes, and other matters in question between OWNER and ENGINEER arising out of or relating to this Agreement or the breach thereof will be decided first by mediation, if the parties mutually agree, or with a bench trial in a court of competent jurisdiction within the State of Illinois.

**Terms and Conditions**

The terms and conditions of this Agreement and subsequently issued Task Orders will apply to the Services defined in the Scope of Services. OWNER-supplied purchase order is for processing payment only; terms and conditions on the purchase order shall not apply to these Services.


**Limitation of Liability**

To the fullest extent permitted by law, OWNER and ENGINEER (1) waive against each other, and the other's employees, officers, directors, agents, insurers, partners, and consultants, any and all claims for or entitlement to special, incidental, indirect, or consequential damages arising out of, resulting from, or in any way related to the Specific Project, and (2) agree that ENGINEER's total liability to OWNER under this Agreement shall not exceed the total insurance proceeds paid on behalf of or to ENGINEER by ENGINEER's insurers in settlement or satisfaction of OWNER's Claims under the terms and conditions of ENGINEER's insurance policies applicable thereto.

IN WITNESS WHEREOF the parties hereto have made and executed this Agreement.

ENGINEER:  
ROBINSON ENGINEERING, LTD.

OWNER:  
VILLAGE OF BRADLEY, ILLINOIS

  
\_\_\_\_\_  
Joseph M. Sullivan                      7-15-2022  
Date

\_\_\_\_\_  
Terry Memenga                      Date

**APPENDIX A**  
**EXAMPLE TASK ORDER**



Task Order No. 22-XX  
Village of Bradley, IL (OWNER)  
and Robinson Engineering, Ltd. (ENGINEER)  
Pursuant to Technical Services Agreement dated \_\_\_\_\_, 2022

**Project Information**

Services Name: XXXXXXXXXXXXXXXX

Services Description: XXXXXXXXXXXXXXXX

**Scope of Services**

ENGINEER will provide the following services to OWNER:

1. XXXXXXXXXXXXXXXX.
2. XXXXXXXXXXXXXXXX.
3. XXXXXXXXXXXXXXXX.
4. XXXXXXXXXXXXXXXX.
5. XXXXXXXXXXXXXXXX.
6. XXXXXXXXXXXXXXXX.
7. XXXXXXXXXXXXXXXX.
8. XXXXXXXXXXXXXXXX.
9. XXXXXXXXXXXXXXXX.
10. XXXXXXXXXXXXXXXX.
11. XXXXXXXXXXXXXXXX.
12. XXXXXXXXXXXXXXXX.
13. XXXXXXXXXXXXXXXX.
14. XXXXXXXXXXXXXXXX.

**Compensation**

{T&M NOT TO EXCEED}

OWNER shall compensate ENGINEER for Services under this Task Order on an hourly rate basis plus expenses per the attached rate schedule for an estimated fee of \$XX,XXX.

{T&M}

OWNER shall compensate ENGINEER for Services under this Task Order on an hourly rate basis plus expenses per the attached rate schedule.

{LUMP SUM}

OWNER shall compensate ENGINEER for Services under this Task Order on a lump sum basis for \$XX,XXX.

**Schedule**

Services will begin upon execution of this Task Order, which is anticipated on XXXXX XX, 20XX. Services are scheduled for completion on XXXXX XX, 20XX.

**TASK ORDER AUTHORIZATION AND ACCEPTANCE:**

**ENGINEER:**

**OWNER:**

**ROBINSON ENGINEERING, LTD.**

**VILLAGE OF BRADLEY, ILLINOIS**

\_\_\_\_\_  
XXXXXXXXX      Date

\_\_\_\_\_  
XXXXXXXXX      Date

Task Order No. 22-01  
Village of Bradley, IL (OWNER)  
and Robinson Engineering, Ltd. (ENGINEER)  
Pursuant to Technical Services Agreement dated August 8, 2022

**Project Information**

Services Name: 2022 SSES – Basins 6, 7 & 8 (Manhole Inspections), Basins 7 & 8 (Smoke Testing and Dyed Water Flooding) & Basins 1, 2 & 4 Closed Circuit Televising (CCTV) data review.

Services Description: The OWNER requests the ENGINEER to perform engineering services as related to sanitary sewer evaluation services including smoke testing, manhole inspections, dyed water flooding, program management and cleaning and televising data review and analysis. The overall goals of the project will be to identify and reduce infiltration and inflow and to restore structural integrity in the system.

**Scope of Services**

ENGINEER will provide the following scope of services to OWNER:

1. Project Kickoff
  - a. REL will schedule a project kickoff meeting with the Village to discuss project scope, establish lines of communication, and to set the project schedule.
    - i. Throughout the project, REL will communicate to the Village when crews will be onsite for manhole inspections, smoke testing and/or dyed water flooding through daily emails and phone calls.
  - b. Setup the online GIS digital data dashboard for access to field collected data and photos.
2. Manhole Inspections – Basins 6, 7 & 8
  - a. Equipment and Personnel to inspect ~ 200 manholes
  - b. Online ArcGIS dashboard viewer
  - c. Manhole inspection summary report
    - i. List of defects by address
    - ii. Digital photos of each defect
    - iii. GPS locations of each defect with exhibits
    - iv. Cost estimates for repair of the defects
    - v. Estimated I/I removal
    - vi. Defect summary - \$/ estimated GPM of I/I removed
3. Smoke Testing – Basins 7 & 8
  - a. Draft mailer for smoke testing (The Village to mail out the letters)
  - b. Equipment and Personnel to smoke ~ 52,500 LF of sewer
  - c. Online ArcGIS dashboard viewer
  - d. Smoke testing summary report
    - i. List of defects by address
    - ii. Digital photos of each defect
    - iii. GPS locations of each defect with exhibits
    - iv. Cost estimates for repair of the defects
    - v. Estimated I/I removal
    - vi. Defect summary - \$/ estimated GPM of I/I removed

4. Dyed Water Flooding – Basins 7 & 8
  - a. Equipment and Personnel to dyed water flood ~ 2 setups
  - b. Village staff to conduct CCTV pipeline assessment in conjunction with dyed water flooding.
  - c. Dyed water flooding summary report
    - i. List of defects by address
    - ii. Digital photos of each defect (if possible)
    - iii. GPS locations of each defect with exhibits
    - iv. Cost estimates for repair of the defects
    - v. Estimated I/I removal
    - vi. Defect summary - \$/ estimated GPM of I/I removed
  
5. CCTV Data Review – Basins 1, 2 & 4
  - a. Equipment and Personnel to provide CCTV data review for ~ 26,250 LF of sewer televising
  - b. Village staff to conduct CCTV pipeline assessment and provide data to REL
  - c. CCTV data review summary report
    - i. List of line segments reviewed
    - ii. Recommendations for rehabilitation for each segment reviewed
    - iii. GIS rehabilitation exhibits
    - iv. Cost estimates for repair of the defects
    - v. Estimated I/I removal
    - vi. Rehabilitation summary - \$/ estimated GPM of I/I removed
  
6. On-Call Services
  - a. For additional collection system engineering services outside of the defined scope of this task order, to be used as needed and as authorized by the Village.
  
7. Project Management and Meetings.
  - a. In addition to Project Kickoff, REL will provide project management for the duration of the project and attend up to two (2) additional meetings with the Village as necessary to ensure the success of the project.

**Compensation**

REL “On-Call”	\$10,000
REL “SSES”	\$119,000
REL “Project Management”	<u>\$15,000</u>
<b>Total</b>	<b>\$144,000</b>

{T&M NOT TO EXCEED}

OWNER shall compensate ENGINEER for “On-Call” Services under this Task Order on an hourly rate basis plus expenses per the attached rate schedule for an estimated fee of \$10,000.

{UNIT PRICE}

OWNER shall compensate ENGINEER for “SSES” Services including Smoke Testing, Dyed Water Flooding, Manhole Inspections and CCTV Data Review under this Task Order on a unit price basis per the attached rate schedule for an estimated fee of \$119,000.

{LUMP SUM}

OWNER shall compensate ENGINEER for “Project Management” Services under this Task Order on a lump sum basis for \$15,000.

**Schedule**

Services will begin upon execution of this Task Order, which is anticipated for (+/- August 8, 2022). Schedule for the services are as follows:

Kickoff meeting .....	August 15, 2022
Smoke Test Mailers.....	August 18 - August 26, 2022
Smoke Testing.....	August 29 - September 9, 2022
Dyed Water Flooding.....	October 1 - October 31, 2022
Manhole Inspections .....	October 1 - November 30, 2022
CCTV Data Review .....	November 1 - December 31, 2022
Analyze data.....	December 1 - December 31, 2022
Submit preliminary findings report for review / comments .....	December 31, 2022
Submit final report .....	January 31, 2023


**TASK ORDER AUTHORIZATION AND ACCEPTANCE:**

**ENGINEER:**

**OWNER:**

**ROBINSON ENGINEERING, LTD.**

**VILLAGE OF BRADLEY, ILLINOIS**


8/4/2020  


---

 Jeffrey C. Pintar, PE Date  
 DIRECTOR OF MUNICIPAL SERVICES

---

 Terrence J. Memenga Date



**UNIT PRICE  
BILLING RATES**

Effective 1/1/2022

Unit Price Rate Sheet:

CLASSIFICATION	UNIT PRICE	ESTIMATED UNITS	ESTIMATED COST
Smoke Testing	\$1.20/LF	52,500 LF	\$63,000.00
Manhole Inspections	\$150/MH	200 MH	\$30,000.00
Dyed Water Flooding	\$2,500/SETUP	2 SETUPS	\$5,000.00
CCTV Data Review	\$0.80/LF	26,250 LF	\$21,000.00
On-Call Services	T&M PER RATE SCHEDULE	60 HOURS	\$10,000.00
Project Management & Meetings	\$15,000 LUMP SUM	1 LUMP SUM	\$15,000.00
		<b>TOTAL</b>	<b>\$144,000.00</b>

Rates are subject to revision on or after 1/1/2023  
 Reimbursable Expenses at a factor of 1.10  
 Sub-Consultant Fee Markup at 10%

## BILLING RATES

Effective 1/1/2022

### Standard Per Diem Rates:

CLASSIFICATION	RANGE OF RATES
Principal Engineer	\$208.00
Senior Project Manager	\$183.00-\$197.00
Senior Structural Engineer	\$193.00
Senior Engineer	\$166.00-\$181.00
Project Engineer	\$124.00-\$154.00
Project Manager	\$134.00-\$154.00
Chief Land Surveyor	\$166.00
Land Surveyor	\$121.00-\$149.00
Surveying Technologist	\$107.00-\$121.00
Grant Writer	\$93.00-\$114.00
Project Developer	\$107.00-\$167.00
Intern	\$53.00
GIS Coordinator	\$161.00
GIS Developer	\$131.00
GIS Technologist	\$105.00
Senior Planner	\$145.00
Planner	\$132.00

CLASSIFICATION	RANGE OF RATES
CAD Manager	\$150.00
CAD Designer	\$132.00
CAD Technologist	\$99.00-\$114.00
Resident Engineer	\$129.00-\$156.00
Resident Engineering Rep.	\$129.00-\$140.00
Field Superintendent	\$170.00
Assistant Field Superintendent	\$155.00
Field Crew Chief	\$125.00
Field Crew Member	\$78.00-\$95.00
Operations Manager	\$144.00
Operations Coordinator	\$102.00
Operator	\$87.00-\$98.00
IT Coordinator	\$143.00
IT Technologist	\$107.00
Administrative	\$79.00-\$90.00
Project Administration	\$107.00

Rates are subject to revision on or after 1/1/2023  
 Reimbursable Expenses at a factor of 1.10  
 Sub-Consultant Fee Markup at 10%