

VILLAGE OF BRADLEY

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RESOLUTION NO. R-05-23-02

A RESOLUTION APPROVING CERTAIN PROFESSIONAL SERVICE AGREEMENTS FOR  
ENGINEERING SERVICES BETWEEN THE VILLAGE OF BRADLEY, KANKAKEE  
COUNTY, ILLINOIS AND ROBINSON ENGINEERING, LTD

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ADOPTED BY THE  
BOARD OF TRUSTEES OF THE  
VILLAGE OF BRADLEY

THIS 8 DAY OF May, 2023

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Published in pamphlet form by the authority of the Board of Trustees of the Village of Bradley,  
Kankakee County, Illinois this 8 day of May, 2023

RESOLUTION NO. B-05-2302

**A RESOLUTION APPROVING CERTAIN PROFESSIONAL SERVICE AGREEMENTS FOR ENGINEERING SERVICES BETWEEN THE VILLAGE OF BRADLEY, KANKAKEE COUNTY, ILLINOIS, AND ROBINSON ENGINEERING, LTD**

**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**, Section 2-3-8 of the Illinois Municipal Code (65ILCS 5/2-3-8) authorized the Corporate Authorities of the Village to enter into contracts in the name of the Village; and

**WHEREAS**, Robinson Engineering, LTD., is an Illinois Corporation having a primary business address at 17000 South Park Avenue, South Holland, Illinois 60473 that provides professional engineering services; and

**WHEREAS**, Robinson Engineering, LTD has provided the Village with a proposed agreement in connection with the Village's Sanitary Sewer Evaluation project (the "Evaluation Agreement") – a copy of the evaluation agreement is attached hereto as Exhibit A and fully incorporated herein; and

**WHEREAS**, Robinson Engineering, LTD has provided the Village with a proposed agreement in connection with the Village's 2023 Manhole Rehabilitation project (the "Manhole Agreement") – a copy of the manhole agreement is attached hereto as Exhibit B and fully incorporated herein; and

**WHEREAS**, the Corporate Authorities of the Village have determined that it is in the best interests of the Village and its citizens to enter into both the Evaluation Agreement and the Manhole Agreement with Robinson Engineering, LTD.

**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 determine that the terms and provisions of the Evaluation Agreement, attached hereto as Exhibit A and fully incorporated herein, are reasonable and acceptable to the Village and that said Evaluation Agreement is hereby approved in form and substance. The Village President of the Village of Bradley, Michael Watson, is hereby authorized and directed to execute, and the Village Clerk is directed to attest, the Evaluation Agreement and to further take any action, including the signing of any other necessary documents, necessary to effectuate the intent of this Resolution, which is to enter into the Evaluation Agreement with Robinson Engineering, LTD.

**SECTION 3.** The Corporate Authorities of the Village hereby determine that the terms and provisions of the Manhole Agreement attached hereto as Exhibit B and fully incorporated herein, are reasonable and acceptable to the Village and that said Manhole Agreement is hereby approved in form and substance. The Village President of the Village of Bradley, Michael Watson, is hereby authorized and directed to execute, and the Village Clerk is directed to attest, the Evaluation Agreement and to further take any action, including the signing of any other necessary documents, necessary to effectuate the intent of this Resolution, which is to enter into the Manhole Agreement with Robinson Engineering, LTD.

**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 day of May, 2023.

**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 type="checkbox"/>	Nay - <input type="checkbox"/>	Absent - <input checked="" 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 - 5      Nay - 0      Absent - 1

**ATTEST:**

  
JULIE TAMBLING, VILLAGE CLERK

APPROVED this 8 day of May, 2023.



\_\_\_\_\_  
MICHAEL WATSON, VILLAGE PRESIDENT

ATTEST:

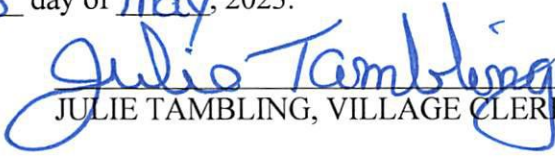
  
\_\_\_\_\_  
JULIE TAMBLING, VILLAGE CLERK



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 052302 "A RESOLUTION APPROVING CERTAIN PROFESSIONAL SERVICE AGREEMENTS FOR ENGINEERING SERVICES BETWEEN THE VILLAGE OF BRADLEY, KANKAKEE COUNTY, ILLINOIS, AND ROBINSON ENGINEERING, LTD" which was adopted by the Village Corporate Authorities at a meeting held on the 8 day of May, 2023.

IN WITNESS WHEREOF, I have hereunto set my hand in the Village of Bradley, County of Kankakee and State of Illinois, on this 8 day of May, 2023.

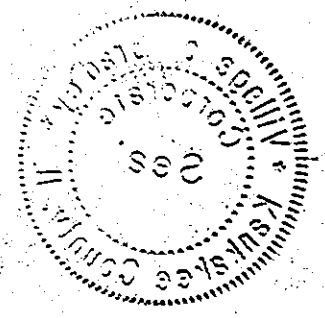
  
\_\_\_\_\_  
JULIE TAMBLING, VILLAGE CLERK



(SEAL)

Handwritten text, possibly a letter or report, with some words like "Kaufmann" and "Kaufmann" visible.

*Kaufmann*  
*Kaufmann*



# **EXHIBIT A**

Task Order No. 23-01  
Village of Bradley, IL (OWNER)  
and Robinson Engineering, Ltd. (ENGINEER)  
Pursuant to Technical Services Agreement dated August 8, 2022

**Project Information**

Services Name: 2023 Sanitary Manhole Rehabilitation – Basins 6, 7 & 8, Design and Construction Engineering.

Services Description: The OWNER requests the ENGINEER to perform design and construction engineering services as related to sanitary sewer manhole rehabilitation throughout flow basins 6, 7 & 8. The overall goals of the project will be to reduce infiltration and inflow into the sanitary sewer system and to restore structural integrity to the sanitary manholes in the system.

**Scope of Services**

ENGINEER will provide the following scope of services to OWNER:

1. Project Bid Package
  - a. Constructability site visits & QA/QC
  - b. Construction specifications
  - c. Engineer's opinion of probable cost of construction
  - d. Preparation of plans/exhibits and 90% bid document submittal (for Village review)
  - e. QA/QC of bid package and prepare final bidding documents
  - f. Bid assistance/ Advertising / Respond to contractor questions
  - g. Evaluate prequalification statements
  - h. Issue addenda (where appropriate)
  - i. Attend bid opening / Prepare bid tabulation
  - j. Assist the Village with evaluating bids and prepare letter of recommendation for contract award / contract documents
  - k. Project management and meetings
2. Construction Oversight
  - a. Review construction material submittals and resident notices
  - b. Respond to contractor inquiries
  - c. Part-time construction observation (Approximately 15-hours per week during construction activities)
  - d. Assessment of contractor's compliance with project documents
  - e. Progress updates to the Village
  - f. Prepare change orders (as necessary)
  - g. Review of contractor payment applications and recommendations for payment
  - h. Punch list preparation and project close out
3. Project Management and Meetings.
  - a. 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**

Project Bid Package	\$28,600
Construction Oversight	<u>\$34,550</u>
<b>Total</b>	<b>\$63,150</b>

**{LUMP SUM}**

OWNER shall compensate ENGINEER for "Project Bid Package" Services under this Task Order on a lump sum basis for \$28,600.

**{T&M NOT TO EXCEED}**

OWNER shall compensate ENGINEER for "Construction Oversight" Services under this Task Order on an hourly rate basis plus expenses per the attached rate schedule for an estimated fee of \$34,550.

**Schedule**

Services will begin upon execution of this Task Order, which is anticipated for (+/- May 8, 2023). Schedule for the services are as follows:

Project setup .....	May 15, 2023
Bid Package Preparation .....	May 22 – June 19, 2023
Bid Advertisement .....	June 21, 2023
Bid Opening .....	July 5, 2023
Contract Award .....	July 10, 2023
Construction Oversight .....	July 25 – December 22, 2023
Project Management.....	May 15 – December 22, 2023

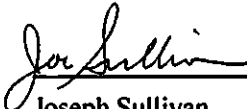
**TASK ORDER AUTHORIZATION AND ACCEPTANCE:**

**ENGINEER:**

**OWNER:**

**ROBINSON ENGINEERING, LTD.**

**VILLAGE OF BRADLEY, ILLINOIS**

 5/01/23  
 \_\_\_\_\_  
 Joseph Sullivan Date

\_\_\_\_\_  
 Bruce Page Date



## BILLING RATES

Effective 1/1/2023

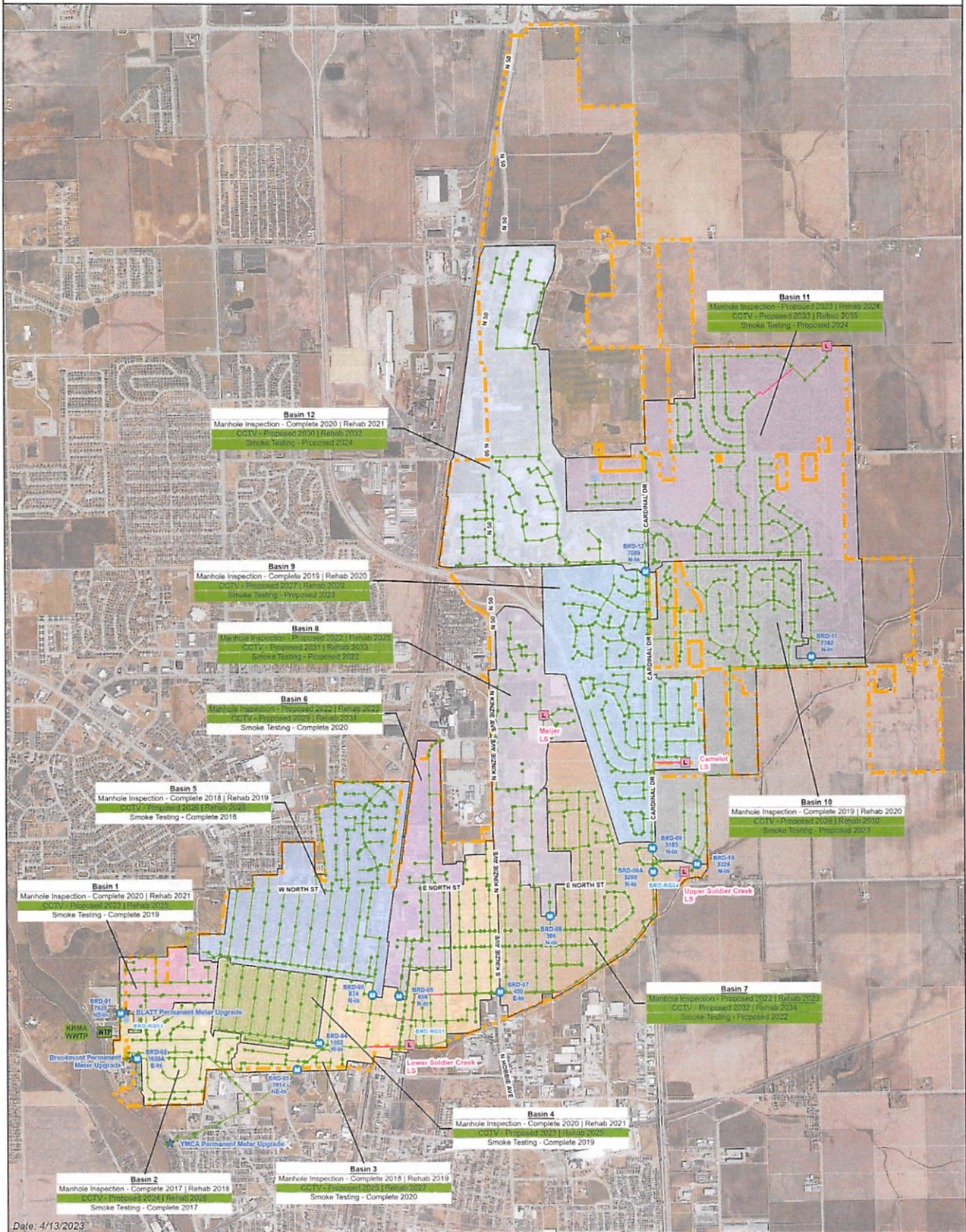
### Standard Per Diem Rates:

CLASSIFICATION	RANGE OF RATES	CLASSIFICATION	RANGE OF RATES
Principal Engineer	\$213.00	CAD Manager	\$160.00
Senior Project Manager	\$193.00-\$202.00	CAD Designer	\$140.00
Senior Structural Engineer	\$202.00	CAD Technologist	\$105.00-\$121.00
Senior Engineer	\$166.00-\$190.00	Resident Engineer	\$133.00-\$165.00
Project Engineer	\$133.00-\$163.00	Resident Engineering Rep.	\$137.00-\$148.00
Project Manager	\$142.00-\$163.00	Field Superintendent	\$180.00
Chief Land Surveyor	\$172.00	Assistant Field Superintendent	\$170.00
Land Surveyor	\$128.00-\$158.00	Field Crew Chief	\$133.00
Surveying Technologist	\$113.00-\$128.00	Field Crew Member	\$83.00-\$101.00
Grant Writer	\$95.00-\$115.00	Operations Manager	\$150.00
Project Developer	\$113.00-\$177.00	Operations Coordinator	\$108.00
Intern	\$55.00	Operator	\$92.00-\$104.00
GIS Coordinator	\$168.00	IT Coordinator	\$152.00
GIS Developer	\$139.00	IT Technologist	\$113.00
GIS Technologist	\$111.00	Administrative	\$83.00-\$95.00
Senior Planner	\$162.00	Project Administration	\$110.00
Planner	\$135.00		

Rates are subject to revision on or after 1/1/2024  
 Reimbursable Expenses at a factor of 1.10  
 Sub-Consultant Fee Markup at 10%



# VILLAGE OF BRADLEY SANITARY SEWER STUDY AREAS



Date: 4/13/2023

## LEGEND

- |                          |                         |                          |         |          |
|--------------------------|-------------------------|--------------------------|---------|----------|
| Rain Gauges              | Sanitary Sewer Manholes | <b>Flow Meter Basins</b> | Basin 5 | Basin 9  |
| Flow Meters              | Lift Station            | Basin 1                  | Basin 6 | Basin 10 |
| Permanent Meter Upgrades | Sewer Gravity Mains     | Basin 2                  | Basin 7 | Basin 11 |
| Sewer Pressurized Mains  | Sewer Gravity Mains     | Basin 3                  | Basin 8 | Basin 12 |
|                          |                         | Basin 4                  |         |          |



# **EXHIBIT B**

Task Order No. 23-02  
Village of Bradley, IL (OWNER)  
and Robinson Engineering, Ltd. (ENGINEER)  
Pursuant to Technical Services Agreement dated August 8, 2022

**Project Information**

Services Name: 2023 SSES – Basin 11 (Manhole Inspections), Basins 9 & 10 (Smoke Testing and Dyed Water Flooding) & Bi-Annual Flow Monitoring Calibrations (Blatt, Brookmont & YMCA).

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, flow monitoring calibrations and program management. 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 – Basin 11**
  - a. Equipment and Personnel to inspect approximately 214 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 9 & 10**
  - a. Draft mailer for smoke testing (The Village to mail out the letters)
  - b. Equipment and Personnel to smoke approximately 88,000 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 9 & 10
  - a. Equipment and Personnel to dyed water flood approximately 6 setups
  - b. Village to hire CCTV contractor separately for pipeline assessment 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. Bi-Annual Flow Monitoring Calibrations – Blatt, Brookmont & YMCA
  - a. Equipment and Personnel to provide flow meter calibration services at permanent billing sites
  - b. Assess hydraulic performance at each site and any maintenance needs
  - c. Collect field depth and velocity readings
  - d. Two (2) summary memos for each of the three (3) meters calibrated including:
    - i. Work description and process summary
    - ii. Review of site data
    - iii. Raw data CSV deliverable
    - iv. Memo report / Letter of compliance
    - v. Recommendations for follow up or next step actions
  
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.

**Compensation**

REL “On-Call”	\$5,000
REL “SSES”	\$161,400
REL “Project Management”	<u>\$15,000</u>
<b>Total</b>	<b>\$181,400</b>

{T&M NOT TO EXCEED}

OWNER shall compensate ENGINEER for “On-Call” Services under this Task Order on an hourly rate basis per the attached rate schedule for an estimated fee of \$5,000.

{UNIT PRICE}

OWNER shall compensate ENGINEER for “SSES” Services including Smoke Testing, Dyed Water Flooding, Manhole Inspections and Flow Monitoring Calibrations under this Task Order on a unit price basis per the attached rate schedule for an estimated fee of \$161,400.

{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 (+/- May 8, 2023). Schedule for the services are as follows:

Kickoff meeting .....	May 15, 2023
Manhole Inspections .....	May 22 – October 31, 2023
Flow Monitor Calibrations .....	June 1 – December 1, 2023
Smoke Test Mailers.....	July 17 – July 28, 2023
Smoke Testing.....	August 1 – September 30, 2023
Dyed Water Flooding.....	October 2 – October 31, 2023
Analyze data.....	October 2 – December 29, 2023
Submit preliminary findings report for review / comments .....	December 29, 2023
Submit final report .....	January 31, 2024

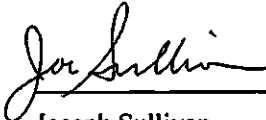
**TASK ORDER AUTHORIZATION AND ACCEPTANCE:**

**ENGINEER:**

**OWNER:**

**ROBINSON ENGINEERING, LTD.**

**VILLAGE OF BRADLEY, ILLINOIS**


5/01/23  


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 Joseph Sullivan Date

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 Bruce Page Date



**UNIT PRICE  
BILLING RATES**

Effective 1/1/2023

Unit Price Rate Sheet:

CLASSIFICATION	UNIT PRICE	ESTIMATED UNITS	ESTIMATED COST
Smoke Testing	\$1.20/LF	88,000 LF	\$105,600.00
Manhole Inspections	\$150/MH	214 MH	\$32,100.00
Dyed Water Flooding	\$2,500/SETUP	6 SETUPS	\$15,000.00
CCTV Data Review	\$0.80/LF	0 LF	\$0.00
Flow Monitoring Calibrations	\$1,450/EACH	6 CALIBRATIONS	\$8,700.00
On-Call Services	T&M PER RATE SCHEDULE	30 HOURS	\$5,000.00
Project Management & Meetings	\$15,000 LUMP SUM	1 LUMP SUM	\$15,000.00
		<b>TOTAL</b>	<b>\$181,400.00</b>

Rates are subject to revision on or after 1/1/2024  
 Reimbursable Expenses at a factor of 1.10  
 Sub-Consultant Fee Markup at 10%

Standard Per Diem Rates:

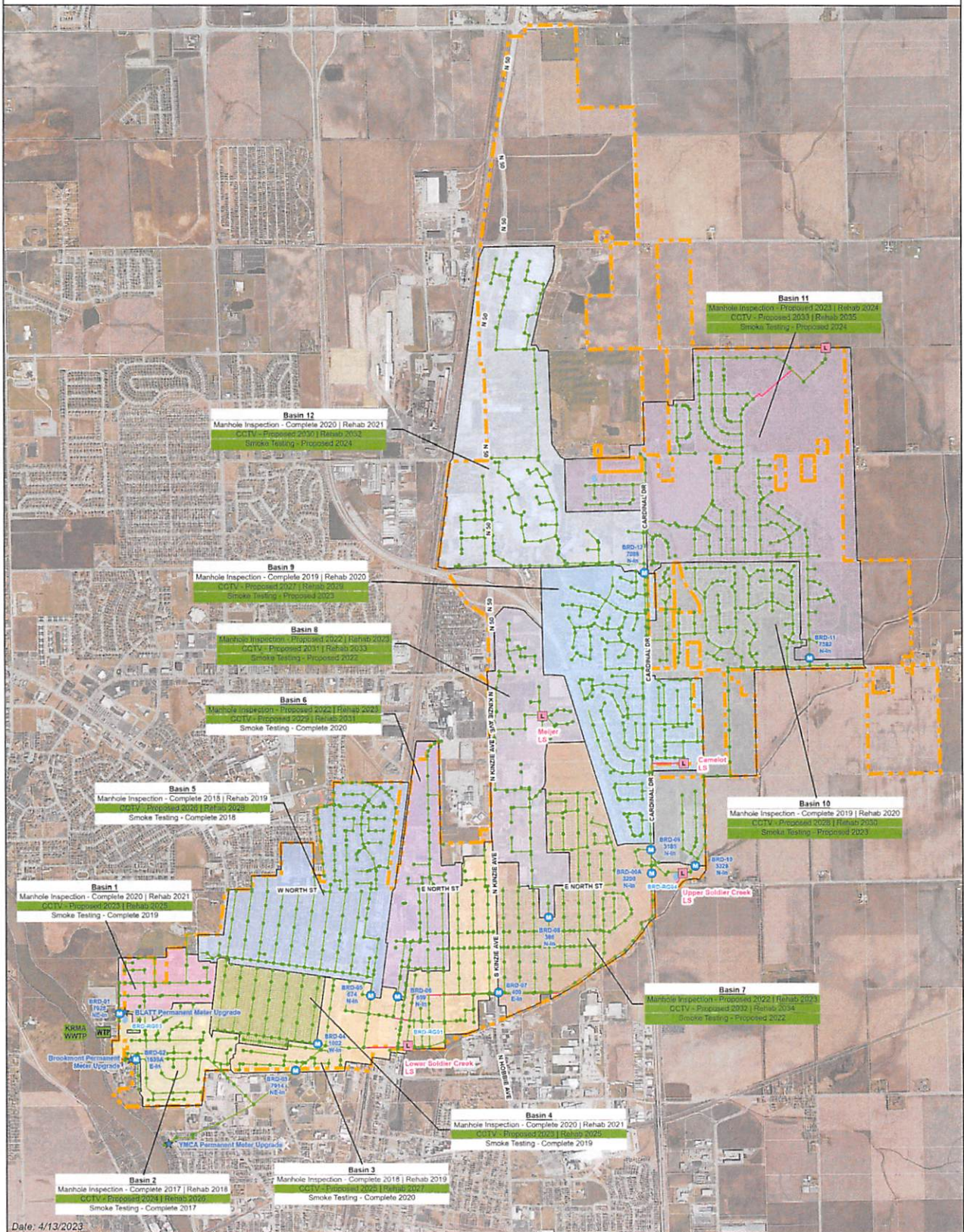
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Senior Engineer	\$166.00-\$190.00
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Intern	\$55.00
GIS Coordinator	\$168.00
GIS Developer	\$139.00
GIS Technologist	\$111.00
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CAD Manager	\$160.00
CAD Designer	\$140.00
CAD Technologist	\$105.00-\$121.00
Resident Engineer	\$133.00-\$165.00
Resident Engineering Rep.	\$137.00-\$148.00
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Rates are subject to revision on or after 1/1/2024  
 Reimbursable Expenses at a factor of 1.10  
 Sub-Consultant Fee Markup at 10%



# VILLAGE OF BRADLEY SANITARY SEWER STUDY AREAS



Date: 4/13/2023

**LEGEND**

- Rain Gauges
- M Flow Meters
- ★ Permanent Meter Upgrades
- Sanitary Sewer Manholes
- L Lift Station
- Sewer Gravity Mains
- Sewer Pressurized Mains
- Flow Meter Basins**
- Basin 1
- Basin 2
- Basin 3
- Basin 4
- Basin 5
- Basin 6
- Basin 7
- Basin 8
- Basin 9
- Basin 10
- Basin 11
- Basin 12

