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RETURN TO:

**CITY CLERK
116 E. MARKET STREET
TROY, IL 62294**

**CITY OF TROY
RESOLUTION 2025-21**

**A RESOLUTION AUTHORIZING THE MAYOR TO EXECUTE AN
AGREEMENT/ENGINEERING PROPOSAL FOR FACILITY PLAN PREPARATION
AND FUNDING ASSISTANCE WITH BENTON & ASSOCIATES, INC.**

**APPROVED BY THE CITY COUNCIL OF THE CITY OF TROY, ILLINOIS,
THIS 7TH DAY OF JULY 2025**

RESOLUTION NO. 2025 - 21

A RESOLUTION AUTHORIZING THE MAYOR TO EXECUTE AN AGREEMENT/ENGINEERING PROPOSAL FOR FACILITY PLAN PREPARATION AND FUNDING ASSISTANCE WITH BENTON & ASSOCIATES, INC.

WHEREAS, the City Council for the City of Troy, Illinois, believes that it is in the best interest of the City and its citizens to enter into an agreement/engineering proposal for Facility Plan Preparation and Funding Assistance with Benton & Associates, Inc., prior to creating future expansion plans; and

WHEREAS, said agreement/engineering proposal is attached hereto and incorporated herein as Exhibit A, and the City believes that such terms and conditions are in the best interest of the health, safety and general welfare of its citizens.

NOW, THEREFORE, BE IT ORDAINED BY THE MAYOR AND CITY COUNCIL OF THE CITY OF TROY, ILLINOIS, AS FOLLOWS:

1. The recitals set forth above are hereby incorporated herein as if fully set forth.

2. The Mayor of the City of Troy, Illinois, is hereby authorized to execute and enter into the attached agreement/engineering proposal for value engineering review with Benton & Associates, Inc., and is further authorized to take all actions and sign all documents necessary to fulfill the intent of this Resolution.

3. This Resolution shall be in effect following its passage, approval and publication as provided by law.

PASSED by the City Council of the City of Troy, Madison County, Illinois, approved by the Mayor, and deposited in the office of the City Clerk this 7th day of July, 2025.

Aldermen vote:

Dan Dawson	<u>✓</u>	Sam Italiano	<u>✓</u>	Ayes:	<u>8</u>
Tim Flint	<u>✓</u>	Debbie Knoll	<u>✓</u>	Nays:	<u>0</u>
Elizabeth Hellrung	<u>✓</u>	Tony Manley	<u>✓</u>	Abstain:	<u>0</u>
Nathan Henderson	<u>✓</u>	Troy Turner	<u>✓</u>		

APPROVED:

David Nonn

DAVID NONN, Mayor
City of Troy, Illinois

ATTEST:

Kimberly Thomas

KIMBERLY THOMAS, Clerk
City of Troy, Illinois



**CITY OF TROY, ILLINOIS
 AGREEMENT FOR ENGINEERING SERVICES
 WITH
 BENTON ENGINEERING**

This AGREEMENT, made and entered into this 7th day of July, 2025, by and between the CITY OF TROY, MADISON COUNTY, ILLINOIS, hereinafter referred to as the "CITY", and BENTON ENGINEERING, whose address is 1970 West Lafayette Avenue, Jacksonville, Illinois, 62650, hereinafter referred to as "ENGINEER", covers certain Professional Engineering Services in connection with Wastewater Treatment Plant Improvements. Said improvements may be financed through Local Funds, State and/or Federal Grants, IEPA Low Interest Loans and/or the sale of Revenue Bonds.

WITNESSETH THAT, in consideration of these premises and of the mutual covenants herein set forth,

THE ENGINEER AGREES,

1. To provide Professional Engineering Services consisting of wastewater collection and treatment system Facility Plan preparation, IEPA SRF loan application assistance, design and permitting, bidding related services, services during construction and training/O&M documentation, as described in Attachment "A".

THE CITY AGREES,

1. To pay the ENGINEER for all services outlined in Task 1 described in ATTACHMENT "A" for Engineering services requested by the CITY at the hourly rate stipulated in ATTACHMENT "B" or the then current Engineer's Schedule of Charges for the personnel performing the various tasks on this project as payment in full for the actual time spent in providing the services. These hourly rates include profit, overhead, insurance, social security, and retirement contributions. Travel and other out-of-pocket expenses will be reimbursed to the ENGINEER at his actual costs.

TASK	ESTIMATED COST
1 – Facility Planning Update	\$90,000
2 – Funding Assistance	\$10,000
3 – Design	To be authorized
4 – Easements & ROW	To be authorized
5 – Special Services	To be authorized
6 – Bidding	To be authorized
7 – Construction	To be authorized
8 – O&M / Training	To be authorized
9 – Existing System Evaluation	To be authorized

The estimated cost for Engineering Services to be provided as described in Tasks 1 & 2 shall not exceed \$100,000 as estimated by Tasks above. Tasks 3-9 are not authorized under this agreement at this time. Additional Tasks may be Authorized by the CITY at a later date.

2. That payments due the ENGINEER for services rendered pursuant to this Agreement will be within 30 days after invoiced. The ENGINEER shall provide the CITY itemized statements for payment no more often than monthly. Interest will be charged on amounts outstanding more than 30 days. The interest rate will be 1 percent per month, simple interest, until paid.
3. That, should the project be abandoned at any time prior to completion of the project, the ENGINEER shall be notified by the CITY in writing. The CITY shall reimburse the ENGINEER for work completed prior to the notice of abandonment as per the Schedule of Charges for services provided. The ENGINEER shall be reimbursed for travel and other out-of-pocket expenses at the actual cost.
4. That ENGINEER, as part of TASK 7, is to provide the services of a Resident Project Representative (RPR) at the site to assist the ENGINEER and to provide field observation of Contractor's work. Duties, responsibilities, and authority of the RPR are as set forth in construction Contract Documents. The furnishing of such RPR's services will not extend ENGINEER's responsibilities or authority beyond the specific limits set forth elsewhere in the Engineering Services Agreement. Accordingly, ENGINEER neither guarantees the performance of any Contractor nor assumes responsibility for any Contractor's failure to furnish and perform its work in accordance with the Contract Documents.
5. That ENGINEER shall not be responsible for the acts or omissions of any Contractor(s), subcontractor or supplier, or any of the Contractor's agents or employees or any other persons (except ENGINEER's own employees) at the site(s) 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 CITY without consultation and advice of ENGINEER.
6. That ENGINEER shall be entitled to additional compensation related to the consultation and observation during construction phase involving the following:
 - a. Providing construction phase services beyond the contract times set forth.
 - b. Services in making revisions to drawings and specifications occasioned by the acceptance of substitute materials or equipment other than "or-equivalent" items; and services after the award of the Construction Agreement in evaluating and determining the acceptability of a substitution which is found to be inappropriate for the Project or an excessive number of substitutions as specified in the Contract Document General Conditions (Article 6.05).
 - c. Services in connection with Scope Change Directives and Change Orders to reflect changes requested by CITY so as to make the compensation commensurate with the extent of the Additional Services rendered.
 - d. Evaluating an unreasonable claim or an excessive number of claims (greater than 2) submitted by Contractor or others in connection with the work.
 - e. Other services performed or furnished by ENGINEER as directed by CITY not otherwise provided for in this Agreement.
7. To reimburse the ENGINEER, for Professional Services other than those covered in this Agreement, under the same provisions as set forth in this Agreement.

IT IS MUTUALLY AGREED,

1. In an effort to resolve any conflicts that arise during the design or construction of the project or following the completion of the project, the CITY and the ENGINEER agree that all disputes between them arising out of, or relating to this Agreement, shall be submitted to nonbinding mediation, unless the parties mutually agree otherwise.

The CITY and the ENGINEER further agree to include a similar mediation provision in all agreements with independent consultants retained for the project and to require all independent consultants also to include a similar mediation provision in all agreements with subconsultants so retained, thereby providing for mediation as the primary method for dispute resolution between the parties to those agreements.

2. This AGREEMENT may be terminated or suspended by either party upon 30 days written notice. In the event of any termination, the ENGINEER will be paid for all services and expenses rendered to the date of termination on a basis of the then current Engineer's Schedule of Charges (Attachment "B") plus reimbursable expenses, plus cost of completing analyses, records, and reports necessary to document job status at the time of termination. The ENGINEER shall be paid for any services completed in accordance with Section 1 if CITY AGREES.
3. The CITY and the ENGINEER each binds himself, his partners, successors, executors, administrators and assignees to each other party hereto in respect to all the covenants and agreements herein and, except as above, neither the CITY or the ENGINEER shall assign, sublet or transfer any part of his interest in this Agreement without written consent of the other party hereto.
4. ENGINEER shall procure and maintain general liability insurance of \$2,000,000 for each occurrence and \$5,000,000 General Aggregate for protection from claims arising out of bodily injury and property damage for which the insured is legally liable and a certificate containing that such insurance is in effect will be provided within 30 days of contract execution.
5. All final documents including drawings and specification furnished by the ENGINEER pursuant to this AGREEMENT are instruments of its services. They are not intended or represented to be suitable for reuse by the CITY or others on extensions of this project, or on any other project. Any reuse without specific written verification or adaption by ENGINEER will be at the CITY sole risk, and without liability of ENGINEER, and the CITY shall indemnify and hold harmless the ENGINEER from all claims, damages, losses and expenses including court costs and attorney's fees arising out of a resulting therefrom. Any such verification or adaption will entitle ENGINEER to further compensation at rates to be agreed upon by the CITY and the ENGINEER.
6. Since the ENGINEER has no control over the cost of labor, materials, or equipment or over a Contractor(s) method of determining prices, or over competitive bidding or market conditions, his opinions of probable Project Cost or Construction Cost that may be provided for herein are to be made on the basis of his experience and qualifications and represent his best judgment as a design professional familiar with the construction industry, but the ENGINEER cannot and does not guarantee that Proposals, Bids or the Construction Cost will not vary from opinions of probable cost prepared by him. If the CITY wishes greater assurance as to the Construction Cost, the CITY shall employ an independent cost estimator.

7. In recognition of the relative risks and benefits of the project to both the CITY and the ENGINEER, the risks have been allocated such that the CITY agrees, to the fullest extent permitted by law, to limit the liability of the ENGINEER and his or her subconsultants to the CITY and all construction contractors and subcontractors on the project for any and all claims, losses, costs, damages of any nature whatsoever, or claims expenses from any cause or causes, so that the total aggregate liability of the ENGINEER and his or her subconsultants to all those named shall not exceed \$100,000.00 or the amount of compensation received by ENGINEER, whichever is greater. Such claims and causes include, but are not limited to negligence, professional errors or omissions, strict liability, breach of contract or warranty.
8. The CITY shall be responsible for designating the location of all utility lines and underground improvements within the Project Site. The CITY agrees to waive any claim against the ENGINEER, and to defend, indemnify and hold harmless from any claim or liability for injury or loss arising from the ENGINEER or other persons encountering utility lines or other underground man-made objects that the CITY was responsible for designating which were not called to the ENGINEER'S attention or which were not properly located on plans furnished to the ENGINEER by the CITY. The CITY further agrees to compensate the ENGINEER for any time or expenses incurred by the ENGINEER in defense if any such claims pursuant to this paragraph, in accordance with the ENGINEER'S prevailing fee schedule and expense reimbursement policy.
9. The ENGINEER warrants that no person or selling agency has been employed or retained to solicit or secure this contract upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee, excepting bonafide employees. For breach or violation of this warranty, the CITY shall have the right to annul this agreement without liability or in its discretion to deduct from the contract price or consideration or otherwise recover, the full amount of such commission, percentage, brokerage, or contingent fee.
10. The ENGINEER agrees to take affirmative steps to assure that disadvantaged business enterprises are utilized when possible as sources of supplies, equipment, construction and services in accordance with the part 35.3145(d). As required by the award conditions of USEPA's Assistance Agreement with IEPA, the ENGINEER acknowledges that the fair share percentages are 4.5% for MBEs and 6.9% for WBEs.

ENGINEER shall provide evidence, such as, but not limited to, a copy of the advertisement(s) and the record of negotiation in accordance with Federal Executive Orders 11625 and 12138 (Appendix A), that affirmative steps have been taken to assure that small, minority and women's businesses are used when possible as sources of supplies, equipment, construction, and services.

11. Audit and access to records:
 - A. Books, records, documents and other evidence directly pertinent to performance work under this agreement shall be maintained consistent with generally accepted accounting standards in accordance with the American Institute of Certified Public Accountants Professional Standards. The IEPA or any of its authorized representatives shall have access to the books, records, documents and other evidence for the purpose of inspection, audit and copying. Facilities shall be provided for access and inspection.
 - B. Audits conducted pursuant to this provision shall be in accordance with generally accepted

auditing standards.

- C. All information and reports resulting from access to records pursuant to subsection 11(A) above shall be disclosed. The auditing agency shall afford the ENGINEER an opportunity to comment on the pertinent portions of the draft audit report. The final audit report shall include the written comments, if any, of the audited parties.
 - D. Records under subsection 11(A) above shall be maintained and made available during performance of project services under this agreement and for three years after the final loan closing. In addition, those records that relate to any dispute pursuant to Section 365.650 (Disputes) or litigation or the settlement of claims arising out of project performance or costs or items to which an audit exception has been taken, shall be maintained and made available for three years after the resolution of the appeal, litigation, claim or exception.
12. The following section and appendixes of the 35 Illinois Administrative Code – Subtitle “F” shall become a part of this agreement:
- Section 365.630 Contracts for Personal and Professional Service.
- Appendix A Executive Order – Exhibit A Executive Order 11625. **REPEALED**
- Appendix A Executive Order – Exhibit B Executive Order 12138. **REPEALED**
- Appendix A Executive Order – Exhibit C Executive Order 12549.
13. The CITY and ENGINEER will mutually agree to amend the provisions of this Agreement to assist in the eligibility of maximizing any reimbursements through grants and/or loans.
14. The ENGINEER shall not discriminate on the basis of race, color, national origin or sex in the performance of this contract. The ENGINEER shall carry out applicable requirements of 40 CFR Part 33 in the award and administration of contracts awarded under EPA financial assistance agreements. Failure by the ENGINEER to carry out these requirements is a material breach of this contract which may result in the termination of this contract or other legally available remedies.
15. This Agreement shall be governed by the law of the State of Illinois. Any and all claims, disputes or controversies related to this Agreement, or breach thereof, shall be litigated in the Third Judicial Circuit, Circuit Court of Madison County, Illinois, which shall be the sole and exclusive forum for such litigation.

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IN WITNESS WHEREOF, the parties have caused this AGREEMENT to be executed in duplicate counterparts, each of which shall be considered as an original by their duly authorized officers as of the dates below indicated.

Executed by the CITY, this

7TH day of July 2025.



CITY OF TROY
MADISON COUNTY, ILLINOIS

acting by and through its

MAYOR and COUNSEL

By *David Mc...*
Mayor

Executed by the ENGINEER, this

7th day of July 2025.

BENTON ENGINEERING
1970 WEST LAFAYETTE AVENUE
JACKSONVILLE, ILLINOIS 62650

ATTEST:

By *Cam...*
Principal

By *Jamie Headen*
President

ATTACHMENT "A"
ENGINEERING SERVICES - SCOPE OF WORK

Task 1. Wastewater System **Facility Planning** Update consisting of the following:

A. Demonstrate by a systematic evaluation of feasible alternatives, that the proposed facilities represent the cost-effective means of meeting applicable wastewater standards and goals, recognizing environmental and social conditions as set forth below. The project plan shall be submitted to the Illinois Environmental Protection Agency (IEPA) for approval and evaluate the following:

a) Wastewater Treatment Plant upgrades / modifications

The project Facility Plan will be conducted to provide the CITY with an updated overview of the current situation and proposed solution(s) to satisfy the CITY's future wastewater system needs (collection, transportation, pumping treatment and discharge, etc...). The Engineering Evaluation consists of a five-step approach pertaining to:

- 1) "Needs" Assessment
- 2) Alternatives Development and Analysis
- 3) Funding/Financing Options
- 4) Master Plan Development
- 5) Implementation Plan

The first three steps addressing Needs, Alternatives Development/Analysis and Funding/Financing Options will be conducted concurrently to facilitate a preliminary draft document for CITY consideration and direction. This initial document will compare CITY expectations and future wastewater capacity projections (volume and spatial distribution) over the next 20 years with existing facility capabilities to meet existing/proposed Regulatory Standards. Identifying the needs of the CITY and receiving direction from the CITY is required as part of the Facility Plan Study which forms the foundation from which further efforts and decisions will be based from.

The following steps pertaining to Master Plan development and Implementation Plan will be conducted resulting in a presentation/workshop of a draft document for CITY consideration and direction.

The project Facility Plan shall include the following elements in sufficient detail to, at minimum, comply with applicable construction permit supporting data requirements of 35 Ill. Adm. Code Part 365.520:

- 1) A complete description of the public wastewater collection system and treatment facilities of which the proposed project(s) are a part, identification of any existing violations of federal or state public wastewater supply regulations, and identification of the needs to be addressed by the proposed project(s).
- 2) A discussion of the technical, financial, and managerial considerations that

form the basis for the CITY's selection of the cost-effective project(s) from the range of alternatives available and considered.

- 3) A detailed description of the alternative(s) selected for loan assistance, including preliminary engineering data, complete cost estimates for design and building, and projected schedule for completion. The engineering data shall include, to the extent appropriate, flow diagrams, unit process descriptions, detention times, flow rates, unit capacities, etc. sufficient to demonstrate the project proposed will be designed in accordance with 35 Ill. Adm. Code.
- 4) Environmental sign-off applications from the following federal, state, interstate, regional or local agencies: IDNR, SHPO and Corps of Engineers.
- 5) An implementation plan for the proposed recommendations including necessary financial arrangements for operating the facility and repayment of the proposed loan amount as well as the impact of these costs on the system users.

The Facility Planning efforts do not include any field investigations or testing as those additional efforts would be conducted as authorized by the CITY.

B. Public Hearing

ENGINEER shall assist the CITY in the preparation and presentation of one (1) Public Hearing to receive public comments on the proposed Facility Plan.

Task 2. Provide **IEPA SRF loan application assistance** by assisting the CITY and its representatives with the following information which is required prior to the issuance of a Loan Agreement (Reference Section 662.365 of the Loan Rules):

- Loan application form for financial assistance;
- Loan Program Certifications;
- "Certification Regarding Debarment, Suspension and Other Responsibility Matters" (EPA Form 5700-49);
- Statement that the necessary project site, rights-of-way, easements and permits for construction of the project have been obtained and evidence of compliance with the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646);
- Statement of intent to comply with the National Flood Insurance Act of 1968 (42 USC 4001-4127);
- Financial Information;

- Project completion schedule;
- Compliance Report (Title VI. Civil Rights Act of 1964 as amended (P.L. 88-257)).
- Engineer's services do not include (1) serving as a "municipal advisor" for purposes of the registration requirements of Section 975 of the Dodd-Frank Wall Street Reform and Consumer Protection Act (2010) or the municipal advisor registration rules issued by the Securities and Exchange Commission, or (2) advising CITY, or any municipal entity or other person or entity, regarding municipal financial products or the issuance of municipal securities, including advice with respect to the structure, timing terms, or other similar matters concerning such products or issuances.

Task 3. Perform the following **Engineering Design Services** for the CITY in connection with the proposed improvements herein described:

- a. To prepare the construction plans and bidding documents, including plans and specifications, for the purpose of soliciting competitive bids for the construction of the proposed improvements. Final design will be based on design standards consisting of Ten States Standards and IEPA regulations. The ENGINEER is to initially prepare Contract Bid Documents for review by the CITY'S Attorney using the Engineers Joint Contract Document Committee (EJCDC). The documents will also meet the requirements of the State Revolving Fund (SRF) Loan Program (as necessary).
- b. The ENGINEER'S project team will hold internal technical reviews during the final design and preparation of final plans and specifications.
- c. ENGINEER will submit draft plans and specifications for review by CITY staff. Revisions will be made based on findings and recommendations. When the plans are sixty percent (60%) and ninety percent (90%) completed, a review of the plans and contract documents will take place with CITY staff. At that time (90%), plans and contract documents will be "bid ready" with the exception of incorporating final staff comments and dates for receipt of bids.
- d. To assist the CITY in applying for the following Permits for construction and financial agency approval:
 - IEPA Construction
 - IDNR EcoCat
 - IHPA (First Submittal)
- e. To attend and provide information at meetings including:
 - i) Three (3) CITY Board and Committee Meetings to discuss and/or present preliminary and final designs and bidding documents.

- ii) Two (2) meetings with Regulatory Agencies.
 - iii) Two (2) field meetings to coordinate utilities locations needed for design.
- f. To prepare necessary field surveys and conduct field investigations consisting of site topography, boundary survey, wastewater sewer main route layout, geotechnical borings/report, and quality control activities.
- Task 4. Provide the following **easement and right-of-way services** for the CITY in connection with the proposed improvements described herein:
- a. To provide deed and title research for and the preparation of the legal descriptions for land acquisition and temporary and permanent construction easements. The easements shall be prepared in proper easement document format and forwarded to the CITY attorney for review. The CITY shall secure the easement signatures.
 - b. To attend meetings when requested by the CITY with land owners and/or their attorney to discuss the easement, Wastewater transmission main route, etc.
 - c. To physically mark the limits of the easement and the wastewater sewer main route for the easement grantor's review when instructed to locate such limits by the CITY.
- Task 5. Provide consulting engineering **Special Services** to the CITY for project related needs described herein:
- a. Field locate the actual location of the existing utilities to determine limits of existing/potential interference and construction constraints.
 - b. Development of a wastewater rate study and assistance with implementing its recommendations.
 - c. Assistance in securing additional grants and loans in addition to the development of a funding program.
 - d. Assistance in administering grants and loans related to the project.
 - e. Conduct technical engineering analyses, evaluations, and reviews; general consultation; and presentations, as authorized by the City of Troy, of relevant issues concerning the operation, maintenance, permitting or construction improvements of the wastewater system.
 - f. Advise the CITY as to its need for obtaining services from others reasonably required in ENGINEER's judgment to perform work for the system in addition to geotechnical services as costed in this proposal. ENGINEER will, with the consent and approval of the CITY, retain the services of others and will supervise and coordinate such services.
 - g. Other construction related special services:

- i) Review materials and equipment submittals tendered by bidders and contractors when such submittals are alternatives to those specified or previously approved by ENGINEER.
- ii) Review and report on claims for extra compensation and time extensions submitted by contractors. ENGINEER agrees to participate and represent the CITY in negotiations, arbitration or mediation proceedings and litigation relative to claims by contractors.
- iii) Prepare and submit proposed contract change orders initiated and required by the CITY which are not caused by errors or omissions of ENGINEER. If change orders are caused by errors or omissions of the ENGINEER, ENGINEER will receive no additional payment for the preparation and submission of contract change orders.
- iv) Perform additional services in connection with the rejection and rebidding or construction projects unless rejection and rebidding is in the direct result of ENGINEER error.
- v) Perform additional or extended services during construction made necessary by work damaged by fire or other cause during construction; prolongation of construction contract time; acceleration of the work schedule involving services beyond normal working hours; or contract default due to delinquency or insolvency.

Task 6. Provide assistance to the CITY during the **bidding** phase as described herein:

- a. Provide up to ten (10) paper copies of bidding documents for CONTRACTORS and the CITY.
 - The ENGINEER will utilize an electronic bidding website for the primary resource of Plans and Specifications during Bidding.
- b. Assist the CITY in the solicitation of bids and correspondence with potential bidders.
- c. Assist the CITY in the evaluation of the bids received.
- d. Assist the CITY in the awarding of a construction Contract for the proposed work.

- Task 7. Provide Full-time **construction consultation and observation** during the construction estimated to be _____ () hours per week for a total of _____ () weeks during a _____-day construction period.
- a. Consultation on the interpretation of Plans & Specifications.
 - b. Consultation on proposed changes and the preparation of change orders for changes during construction.
 - c. Review of submittals for materials and equipment.
 - d. Job-site construction observation at appropriate intervals during construction to assist the CITY in observing the construction of the improvements to determine if the work is proceeding in general accordance with the project plans and specifications. The ENGINEER does not guarantee the performance of, and shall have no responsibility for the acts or omissions of any contractor and/or subcontractor, supplier or any other entity furnishing materials or performing any work on the project.
 - e. Review of Construction Pay Requests.
 - f. To assist the CITY and its staff in conducting a final review of the construction work and preparation of final documentation.
 - g. To furnish other project related services required including:
 - i) To attend one (1) Pay/Progress Meeting and one (1) CITY Board meeting per month during the construction period, in addition to normal site visits previously described in this section.
 - ii) To provide the CITY with two (2) copies of the record drawings which indicate the reported location and significant changes made during construction. These record drawings shall be based on the unverified information provided by others which will be assumed to be accurate. The ENGINEER cannot and does not warrant their accuracy.

Task 8. Provide the following **training and operation and maintenance documents** based upon Contractor submittals:

- a. Training pertaining to the proper operation and maintenance of the equipment included in the project.
- b. An operation and maintenance reference library that includes, but is not limited to, the following:
 1. Manufacturer's literature, shop drawings and warranties as well as a maintenance schedule for the equipment included in the project;
 2. The plans of record with valve indices for the equipment included in the project; and
 3. A maintenance schedule for the equipment included in the project.

Task 9. Provide consulting engineering **Existing System Evaluation** to the CITY for project related needs described herein:

- a. Field Investigations to evaluate conditions of existing facilities and assets to include limited use and assistance for City Staff in completion of the following methods:
 - i. Collection System Smoke Testing
 - ii. Dye Testing
 - iii. CCTV Inspection of Sewer Mains
 - iv. Visual Inspection of Manholes
 - v. Age and Condition Evaluations of Existing Assets

ATTACHMENT "B"



CONSULTING ENGINEERS/LAND SURVEYORS
 Illinois: Jacksonville • Macomb • Taylorville
 Missouri: Kirksville • Rolla

2025
SCHEDULE FOR
HOURLY PROFESSIONAL SERVICES

<u>CLASSIFICATION</u>	<u>RATE PER HOUR</u>
ENGINEER-----	\$125.00
PROFESSIONAL ENGINEER I -----	150.00
PROFESSIONAL ENGINEER II -----	170.00
PROFESSIONAL ENGINEER III-----	180.00
PROFESSIONAL ENGINEER IV -----	190.00
PROFESSIONAL ENGINEER V -----	200.00
PROFESSIONAL ENGINEER VI -----	225.00
STRUCTURAL ENGINEER I -----	175.00
STRUCTURAL ENGINEER II-----	205.00
STRUCTURAL ENGINEER III-----	220.00
SURVEY PARTY CHIEF II -----	140.00
SURVEY PARTY CHIEF I -----	100.00
LICENSED SURVEYOR-IN-TRAINING-----	120.00
PROFESSIONAL LAND SURVEYOR I -----	145.00
PROFESSIONAL LAND SURVEYOR II -----	170.00
ASSOCIATE -----	180.00
PRINCIPAL -----	225.00
ENVIRONMENTAL SPECIALIST-----	180.00
SUPERVISING DESIGNER / PROJECT MANAGER / LICENSED OPERATOR -----	165.00
PROJECT DELIVERY SPECIALIST -----	115.00
SUBSURFACE UTILITY ENGINEERING MANAGER -----	170.00
SUBSURFACE UTILITY ENGINEERING TECHNICIAN II -----	140.00
SUBSURFACE UTILITY ENGINEERING TECHNICIAN I -----	125.00
ENGINEERING TECHNICIAN-----	75.00
ENGINEERING TECHNICIAN I -----	90.00
ENGINEERING TECHNICIAN II -----	105.00
ENGINEERING TECHNICIAN III -----	120.00
ENGINEERING TECHNICIAN IV -----	130.00
SENIOR ENGINEERING TECHNICIAN -----	150.00
CONSTRUCTION OBSERVER I -----	105.00
CONSTRUCTION OBSERVER II-----	125.00
CONSTRUCTION OBSERVER III-----	145.00

Specialized Services will be billed for on a case-by-case basis.

ALL DIRECT JOB EXPENSES AND MATERIALS OTHER THAN NORMAL OFFICE/SUPPLIES
 WILL BE BILLED AT ACTUAL COST PLUS 10 PERCENT