



Agreement Type  
Original

LOCAL PUBLIC AGENCY

Local Public Agency		County	Section Number	Job Number
County of McHenry		McHenry	24-00587-00-BR	
Project Number	Contact Name	Phone Number	Email	
	Joyce J. DeLong	815-334-4980	JJDeLong@mchenrycountyil.gov	

SECTION PROVISIONS

Local Street/Road Name	Key Route	Length	Structure Number
Various Locations	N/A	N/A	Various
Location Termini			
N/A			
Project Description			
Project Management and Quality Control Reviews for Phase I and II projects for Various Locations on the McHenry County Highway System and Township Highway System			

Engineering/Right-of-Way Services Funding  Local

Anticipated Construction Funding  Federal  MFT/TBP  State  Other

AGREEMENT FOR

Phase I - Preliminary Eng  Phase II - Design Eng  Phase III - Construction Eng  Right-of-Way Services

CONSULTANT

Prime Consultant (Firm) Name	Contact Name	Phone Number	Email	
Hampton, Lenzini and Renwick, Inc.	Troy Strange	847-697-6700	tstrange@hlreng.com	
Address	City	State	Zip Code	
1707 N. Randall Road, Suite 100	Elgin	IL	60123	

THIS AGREEMENT is made between the above Local Public Agency (LPA) and Consultant (ENGINEER) and covers certain professional engineering services in connection with the improvement of the above roadway section. Local funding allotted to the LPA will be used entirely to finance ENGINEERING SERVICES (as defined in Exhibit A) for the PROJECT (as defined in the above Project Description).

Since the services contemplated under THIS AGREEMENT are professional in nature, it is understood that the ENGINEER, acting as an individual, partnership, firm or legal entity, qualifies for professional status and will be governed by professional ethics in its relationship to the LPA. The LPA acknowledges the professional and ethical status of the ENGINEER by entering into THIS AGREEMENT on the basis of its qualifications and experience and determining its compensation by mutually satisfactory negotiations.

WHEREVER IN THIS AGREEMENT or attached exhibits the following terms are used, they shall be interpreted to mean:

Resident Construction Supervisor Authorized representative of the LPA in immediate charge of the engineering details of the construction of the PROJECT.

In Responsible Charge Contractor A full time LPA employee authorized to administer inherently governmental PROJECT activities, Company or Companies to which the construction contract was awarded.

AGREEMENT EXHIBITS

The following EXHIBITS are attached hereto and made a part of hereof THIS AGREEMENT:

- EXHIBIT A: Scope of Services
- EXHIBIT B: Project Schedule
- EXHIBIT C: Qualification Based Selection (QBS) Checklist
- EXHIBIT D: Cost Estimate of Consultant Services (CECS) Worksheets (BLR 05513 or BLR 05514)
- EXHIBIT E: Direct Costs Check Sheet (attach BDE 436 when using Lump Sum on Specific Rate Compensation)
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

**I. THE ENGINEER AGREES,**

1. To perform or be responsible for the performance of the Scope of Services presented in Exhibit A for the LPA in connection with the proposed improvements herein before described.
2. The Classifications of the employees used in the work shall be consistent with the employee classifications and estimated staff hours. If higher-salaried personnel of the firm, including the Principal Engineer, perform services to be performed by lesser-salaried personnel, the wage rate billed for such services shall be commensurate with the payroll rate for the work performed.
3. That the ENGINEER shall be responsible for the accuracy of the work and shall promptly make necessary revisions or corrections required as a result of the ENGINEER'S error, omissions or negligent acts without additional compensation. Acceptance of work by the LPA will not relieve the ENGINEER of the responsibility to make subsequent correction of any such errors or omissions or the responsibility for clarifying ambiguities.
4. That the ENGINEER will comply with applicable Federal laws and regulations, State of Illinois Statutes, and the local laws or ordinances of the LPA.
5. To pay its subconsultants for satisfactory performance no later than 30 days from receipt of each payment from the LPA.
6. To invoice the LPA:
  - (a) For Preliminary and/or Design Engineering: The ENGINEER shall submit all invoices to the LPA within three months of the completion of the work called for in THIS AGREEMENT or any subsequent Amendment or Supplement.
  - (b) For Construction Engineering: The ENGINEER shall submit invoices, based on the ENGINEER's progress reports, to the LPA employee In Responsible Charge, no more than once a month for partial payment on account for the ENGINEER's work to date. Such invoices shall represent the value, to the LPA of the partially completed work, based on the sum of the actual costs incurred, plus a percentage (equal to the percentage of the construction engineering completed) of the fixed fee for the fully completed work.
7. The ENGINEER or subconsultant shall not discriminate on the basis of race, color, national origin or sex in the performance of THIS AGREEMENT. The ENGINEER shall carry out applicable requirements of 49 CFR part 26 in the administration of US Department of Transportation (US DOT) assisted contract. Failure by the ENGINEER to carry out these requirements is a material breach of THIS AGREEMENT, which may result in the termination of THIS AGREEMENT or such other remedy as the LPA deems appropriate.
8. That none of the services to be furnished by the ENGINEER shall be sublet, assigned or transferred to any other party or parties without written consent of the LPA. The consent to sublet, assign or otherwise transfer any portion of the services to be furnished by the ENGINEER shall not be construed to relieve the ENGINEER of any responsibility for the fulfillment of THIS AGREEMENT.
9. For Preliminary Engineering Contracts:
  - (a) To attend meetings and visit the site of the proposed improvement when requested to do so by representatives of the LPA, as defined in Exhibit A (Scope of Services).
  - (b) That all plans and other documents furnished by the ENGINEER pursuant to THIS AGREEMENT will be endorsed by the ENGINEER and affixed the ENGINEER's professional seal when such seal is required by law. Such endorsements must be made by a person, duly licensed or registered in the appropriate category by the Department of Professional Regulation of the State of Illinois. It will be the ENGINEER's responsibility to affix the proper seal as required by the Bureau of Local Roads and Streets manual published by the State Department of Transportation, hereinafter called the "DEPARTMENT".
  - (c) That the ENGINEER is qualified technically and is thoroughly conversant with the design standards and policies applicable for the PROJECT; and that the ENGINEER has sufficient properly trained, organized and experienced personnel to perform the services enumerated in Exhibit A (Scope of Services).
10. For Construction Engineering Contracts:
  - (a) For Quality Assurance services, provide personnel who have completed the appropriate DEPARTMENT's Bureau of Materials QC/QA trained technical classes.
  - (b) For all projects where testing is required, the ENGINEER shall obtain samples according to the DEPARTMENT's Bureau of Materials "Manual of Test Procedures for Materials," submit DEPARTMENT's Bureau of Materials inspection reports; and verify compliance with contract specifications.
11. That the engineering services shall include all equipment, instruments, supplies, transportation and personnel required to perform the duties of the ENGINEER in connection with THIS AGREEMENT (See DIRECT COSTS tab in BLR 05513 or BLR 05514).

## II. THE LPA AGREES,

1. To certify by execution of THIS AGREEMENT that the selection of the ENGINEER was performed in accordance with the Professional Services Selection Act (50 ILCS 510) (Exhibit C).
2. To furnish the ENGINEER all presently available survey data, plans, specifications and project information.
3. For Construction Engineering Contracts:
  - (a) To furnish a full time LPA employee to be In Responsible Charge authorized to administer inherently governmental PROJECT activities.
  - (b) To prepare and approve forms BC 775 and BC 776 as necessary.
4. To pay the ENGINEER:
  - (a) For progressive payments - Upon receipt of monthly invoices from the ENGINEER and the approval thereof by the LPA, monthly payments for the work performed shall be due and payable to the ENGINEER, such payments to be equal to the value of the partially completed work minus all previous partial payments made to the ENGINEER.
  - (b) Final Payment - Upon approval of the work by the LPA but not later than 60 days after the work is completed and reports have been made and accepted by the LPA, a sum of money equal to the basic fee as determined in THIS AGREEMENT less the total of the amount of partial payments previously paid to the ENGINEER shall be due and payable to the ENGINEER.
  - (c) For Non-Federal County Projects - (605 ILCS 5/5-409)
    - (1) For progressive payments - Upon receipt of monthly invoices from the ENGINEER and the approval thereof by the LPA, monthly payments for the work performed shall be due and payable to the ENGINEER. Such payments to be equal to the value of the partially completed work in all previous partial payments made to the ENGINEER.
    - (2) Final payment - Upon approval of the work by the LPA but not later than 60 days after the work is completed and reports have been made and accepted by the LPA (and STATE as required), a sum of money equal to the basic fee as determined in THIS AGREEMENT less the total of the amount of partial payments previously paid to the ENGINEER shall be due and payable to the ENGINEER.
5. To pay the ENGINEER as compensation for all services rendered in accordance with THIS AGREEMENT on the basis of the following compensation method as discussed in 5-5.10 of the BLR Manual.

Method of Compensation

Percent

Lump Sum

Specific Rate

Cost plus Fixed Fee:      Fixed

Total Compensation = DL + DC + OH + FF

Where:

DL is the total Direct Labor,  
DC is the total Direct Cost,  
OH is the firm's overhead rate applied to their DL and  
FF is the Fixed Fee.

Where  $FF = (0.33 + R) DL + \%SubDL$ , where R is the advertised Complexity Factor and %SubDL is 10% profit allowed on the direct labor of the subconsultants.

The Fixed Fee cannot exceed 15% of the DL + OH.

**Field Office Overhead Rates:** Field rates must be used for construction engineering projects expected to exceed one year in duration or if the construction engineering contract exceeds \$1,000,000 for any project duration.
6. The recipient shall not discriminate on the basis of race, color, national origin or sex in the award and performance of any US DOT-assisted contract or in the administration of its DBE program or the requirements of 49 CFR part 26. The recipient shall take all necessary and reasonable steps under 49 CFR part 26 to ensure nondiscrimination in the award and administration of US DOT-assisted contracts. The recipient's DBE program, as required by 49 CFR part 26 and as approved by US DOT, is incorporated by reference in THIS AGREEMENT. Implementation of this program is a legal obligation and failure to carry out its terms shall be treated as violation of THIS AGREEMENT. Upon notification to the recipient of its failure to carry out its approved program, the LPA may impose sanctions as provided for under part 26 and may, in appropriate cases, refer the matter for enforcement under 18 U.S.C. 1001 and/or the Program Fraud Civil Remedies Act of 1986 (31 U.S.C 3801 et seq.).

## III. IT IS MUTUALLY AGREED,

1. No work shall be commenced by the ENGINEER prior to issuance by the LPA of a written Notice to Proceed.
2. To maintain, for a minimum of 3 years after the completion of the contract, adequate books, records and supporting documents to verify the amount, recipients and uses of all disbursements of funds passing in conjunction with the contract; the contract and all books, records and supporting documents related to the contract shall be available for review and audit by the LPA or its

authorized representative, and to provide full access to all relevant materials. Failure to maintain the books, records and supporting documents required by this section shall establish a presumption in favor of the LPA for the recovery of any funds paid by the LPA under the contract for which adequate books, records and supporting documentation are not available to support their purported disbursement.

3. That the ENGINEER shall be responsible for any and all damages to property or persons arising out of an error, omission and/or negligent act in the prosecution of the ENGINEER's work and shall indemnify and save harmless the LPA and their officers, agents and employees from all suits, claims, actions or damages liabilities, costs or damages of any nature whatsoever resulting there from. These indemnities shall not be limited by the listing of any insurance policy. The LPA will notify the ENGINEER of any error or omission believed by the LPA to be caused by the negligence of the ENGINEER as soon as practicable after the discovery. The LPA reserves the right to take immediate action to remedy any error or omission if notification is not successful; if the ENGINEER fails to reply to a notification; or if the conditions created by the error or omission are in need of urgent correction to avoid accumulation of additional construction costs or damages to property and reasonable notice is not practicable.
4. THIS AGREEMENT may be terminated by the LPA upon giving notice in writing to the ENGINEER at the ENGINEER's last known post office address. Upon such termination, the ENGINEER shall cause to be delivered to the LPA all drawings, plats, surveys, reports, permits, agreements, soils and foundation analysis, provisions, specifications, partial and completed estimates and data, if any from soil survey and subsurface investigation with the understanding that all such materials become the property of the LPA. The LPA will be responsible for reimbursement of all eligible expenses incurred under the terms of THIS AGREEMENT up to the date of the written notice of termination.
5. The LPA may suspend work on the project. If THIS AGREEMENT is suspended by the LPA for more than thirty (30) calendar days, consecutive or in aggregate, over the term of THIS AGREEMENT, the ENGINEER shall be compensated for all services performed and reimbursable expenses incurred prior to receipt of notice of suspension. In addition, upon the resumption of services the LPA shall compensate the ENGINEER, for expenses incurred as a result of the suspension and resumption of its services, and the ENGINEER's schedule and fees for the remainder of the project shall be equitably adjusted.
6. THIS AGREEMENT shall continue as an open contract and the obligations created herein shall remain in full force and effect until the completion of construction of any phase of professional services performed by others based upon the service provided herein. All obligations of the ENGINEER accepted under THIS AGREEMENT shall cease if construction or subsequent professional services are not commenced within 5 years after final payment by the LPA.
7. The ENGINEER and LPA certify that their respective firm or agency:
  - (a) has not employed or retained for commission, percentage, brokerage, contingent fee or other considerations, any firm or person (other than a bona fide employee working solely for the LPA or the ENGINEER) to solicit or secure THIS AGREEMENT,
  - (b) has not agreed, as an express or implied condition for obtaining THIS AGREEMENT, to employ or retain the services of any firm or person in connection with carrying out THIS AGREEMENT or
  - (c) has not paid, or agreed to pay any firm, organization or person (other than a bona fide employee working solely for the LPA or the ENGINEER) any fee, contribution, donation or consideration of any kind for, or in connection with, procuring or carrying out THIS AGREEMENT.
  - (d) that neither the ENGINEER nor the LPA is/are not presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any Federal department or agency,
  - (e) has not within a three-year period preceding THIS AGREEMENT been convicted of or had a civil judgment rendered against them for commission of fraud or criminal offense in connection with obtaining, attempting to obtain or performing a public (Federal, State or local) transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements or receiving stolen property.
  - (f) are not presently indicated for or otherwise criminally or civilly charged by a government entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph (e) and
  - (g) has not within a three-year period preceding THIS AGREEMENT had one or more public transaction (Federal, State, local) terminated for cause or default.
8. Where the ENGINEER or LPA is unable to certify to any of the above statements in this clarification, an explanation shall be attached to THIS AGREEMENT.
9. In the event of delays due to unforeseeable causes beyond the control of and without fault or negligence of the ENGINEER no claim for damages shall be made by either party. Termination of THIS AGREEMENT or adjustment of the fee for the remaining services may be requested by either party if the overall delay from the unforeseen causes prevents completion of the work within six months after the specified completion date. Examples of unforeseen causes included but are not limited to: acts of God or a public enemy; acts of the LPA, DEPARTMENT or other approving party not resulting from the ENGINEER's unacceptable services; fire; strikes; and floods.

If delays occur due to any cause preventing compliance with the PROJECT SCHEDULE, as defined in Exhibit B, the ENGINEER shall apply in writing to the LPA for an extension of time. If approved, the PROJECT SCHEDULE shall be revised accordingly.

10. The LPA elects to enforce the certification and requirements of the Drug Free Workplace Act (30 ILCS 580) in THIS AGREEMENT, as modified herein. No grantee or contractor shall receive a grant or be considered for the purpose of being awarded a contract for the procurement of any property or service from the LPA unless that grantee or contractor will provide a drug free workplace.

False certification or violation of the certification may result in sanctions including, but not limited to suspension of contract or grant payments, termination of a contract or grant and debarment of the contracting or grant opportunities with the LPA for at least one (1) year but not more than (5) years.

For the purpose of this certification, "grantee" or "Contractor" means a corporation, partnership or those entity with twenty-five (25) or more employees at the time of issuing the grant or a department, division or other unit thereof, directly responsible for the specific performance under contract or grant of \$5,000 or more from the LPA.

The contractor/grantee certifies and agrees that it will provide a drug free workplace by:

- (a) Publishing a statement:
  - (1) Notifying employees that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance, including cannabis, is prohibited in the grantee's or contractor's workplace.
  - (2) Specifying the actions that will be taken against employees for violations of such prohibition.
  - (3) Notifying the employee that, as a condition of employment on such contract or grant, the employee will:
    - (a) abide by the terms of the statement; and
    - (b) notify the employer of any criminal drug statute conviction for a violation occurring in the workplace no later than five (5) days after such conviction.
- (b) Establishing a drug free awareness program to inform employees about:
  - (1) The dangers of drug abuse in the workplace;
  - (2) The grantee's or contractor's policy to maintain a drug free workplace;
  - (3) Any available drug counseling, rehabilitation and employee assistance program; and
  - (4) The penalties that may be imposed upon an employee for drug violations.
- (c) Providing a copy of the statement required by subparagraph (a) to each employee engaged in the performance of the contract or grant and to post the statement in a prominent place in the workplace.
- (d) Notifying the contracting or granting agency within ten (10) days after receiving notice under part (b) paragraph (3) of subsection (a) above from an employee or otherwise receiving actual notice of such conviction.
- (e) Imposing a sanction on, or requiring the satisfactory participation in a drug abuse assistance or rehabilitation program.
- (f) Assisting employees in selecting a course of action in the event drug counseling, treatment and rehabilitation is required and indicating that a trained referral team is in place.

Making a good faith effort to continue to maintain a drug free workplace through implementation of the Drug Free Workplace Act, the ENGINEER and the LPA agree to meet the PROJECT SCHEDULE. Time is of the essence on this project and the ENGINEER's ability to meet the PROJECT SCHEDULE will be a factor in the LPA selecting the ENGINEER for future projects. The ENGINEER will submit progress reports with each invoice showing work that was completed during the last reporting period and work they expect to accomplish during the following period.

11. Due to the physical location of the project, certain work classifications may be subject to the Prevailing Wage Act (820 ILCS 130/0.01 et seq.).
12. For Preliminary Engineering Contracts:
- (a) That tracing, plans, specifications, estimates, maps and other documents prepared by the ENGINEER in accordance with THIS AGREEMENT shall be delivered to and become the property of the LPA and that basic survey notes, sketches, charts, CADD files, related electronic files, and other data prepared or obtained in accordance with THIS AGREEMENT shall be made available upon request to the LPA without restriction or limitation as to their use. Any re-use of these documents without the ENGINEER involvement shall be at the LPA's sole risk and will not impose liability upon the ENGINEER.
  - (b) That all reports, plans, estimates and special provisions furnished by the ENGINEER shall conform to the DEPARTMENT's current Standard Specifications for Road and Bridge Construction, Bureau of Local Roads and Streets Manual or any other applicable requirements of the LPA, it being understood that all such furnished documents shall be approved by the LPA before final acceptance. During the performance of the engineering services herein provided for, the ENGINEER shall be responsible for any loss or damage to the documents herein enumerated while they are in the ENGINEER's possession and any such loss or damage shall be restored at the ENGINEER's expense.

For Construction Engineering Contracts:

- (a) That all services are to be furnished as required by construction progress and as determined by the LPA employee In Responsible Charge. The ENGINEER shall complete all services herein within a time considered reasonable to the LPA, after the CONTRACTOR has completed the construction contract.
- (b) That all field notes, test records and reports shall be turned over to and become the property of the LPA and that during the performance of the engineering services herein provide for, the ENGINEER shall be responsible for any loss or damage to the documents herein enumerated while they are in the ENGINEER's possession and any such loss or damage shall be restored at the ENGINEER's expense.



**AGREEMENT SIGNATURES**

Executed by the LPA:

Attest: The  of

By (Signature & Date)

By (Signature & Date)

(SEAL)

Executed by the ENGINEER:

Prime Consultant (Firm) Name  
Attest:

By (Signature & Date)

By (Signature & Date)

Title

Title

Local Public Agency

Prime Consultant (Firm) Name

County

Section Number

County of McHenry

Hampton, Lenzi and Renwick, Inc.

McHenry

**EXHIBIT A  
SCOPE OF SERVICES**

To perform or be responsible for the performance of the engineering services for the LPA, in connection with the PROJECT herein before described and enumerated below:

See attached.



# PHASE I/II ENGINEERING PROJECT MANAGEMENT FOR VARIOUS BRIDGE PROJECTS WITHIN MCHENRY COUNTY

## Exhibit A – Scope of Services

(work and services are defined as work in this agreement)

The McHenry County Division of Transportation (MCDOT) has initiated a project requiring professional engineering services by Hampton, Lenzi, and Renwick, Inc. (ENGINEER) to provide the County with project management, coordination and quality control/quality assurance review services for various Phase I/II bridge projects for County and Township bridge structures.

### PROJECT UNDERSTANDING

**Existing Facility** – Various routes and locations throughout McHenry County

**Roadway Functional Classification** – Various

**Preliminary Bridge Design** – Bridge design will adhere to the Illinois Department of Transportation Bureau of Local Roads and Streets Manual (BLRS) and the Illinois Department of Transportation Bridge Manual.

**Complete Streets** – At all locations reviewed, bicycle and pedestrian accommodations will be evaluated to provide consistent and continuous facilities which are consistent with existing facilities and current planning documents.

**Environmental Processing** – For the purposes of this *Scope of Services*, it is assumed that the projects will be classified as Federal Approved or State Approved Categorical Exclusions.

**Submittals** – For County structures all project submittals will be reviewed by the **ENGINEER** and recommended to **MCDOT** for approval and submittal prior to submittal to State and other agencies. For Township structures all project submittals will be reviewed by the **ENGINEER** and approved for submittal to State and other agencies by the retained consultant for each project.

**Specialty Software Requirements.** The **ENGINEER** will use **MCDOT** or **ENGINEER's** ProjectWise server to coordinate file transfers and projects for and on behalf of **MCDOT**. All submittal reviews will be conducted using Bluebeam. All CAD work will be conducting using the current edition of Bentley Microstation, GEOPAK, OpenRoads, and/or associated software packages used by the IDOT or directed by **MCDOT**. All virtual meetings will be through Teams for County meetings and WebEx for IDOT meetings.

**Funding** – Various

Subconsultants – The **ENGINEER** will use the following subconsultants and their indicated services to complete the contract.

- Transystems Corporation
  - Quality Control/Quality Assurance Review

## TASK 1 – PROJECT MANAGEMENT

The **ENGINEER** will provide a project manager/coordinator to work virtually, at the **MCDOT** office, and/or at Township offices within McHenry County as project tasks demand. The **ENGINEER** shall anticipate performing the Engineering Project Management/Coordination for 8 to 12 bridge projects on an annual basis. The **ENGINEER** will be expected to have one (1) member of their staff assigned to perform the job duties of a **MCDOT** /Township Project Manager/Coordinator. The selected staff member will operate as the primary point of contact for outside consultants on assigned projects. The selected staff member will administer and coordinate quality control reviews for all Township or **County** Phase I/II bridge projects assigned to them through this contract. Additional tasks include coordination with Township officials on selected bridge projects, attending joint Township meetings every other month as needed, permitting agency coordination, public coordination, administrative services, and other work as necessary to ensure assigned projects are in compliance with federal and local guidelines/requirements as well as completed in accordance with established schedules and budgets. All projects will follow the federal process unless it is determined during project initiation that the project will be locally funded and will not utilize federal funds.

Typical Phase I projects may include route surveys, hydraulic surveys, hydraulic analysis, geometric studies, Bridge Condition Reports, Hydraulic Reports, Preliminary Bridge Design and Hydraulic Report (PBDHR), Structure Geotechnical Reports (SGR's), Type, Size and Location (TS&L) plans, Intersection Design Studies (IDS's), Location Drainage Studies (LDS's), Preliminary Environmental Site Assessments (PESA), Special Waste Investigations, Wetland Studies and Reports, and Project Development Reports (BLR 19100 or BLR 22210) and all other related work required to obtain Design Approval for the Phase I design.

The **ENGINEER** will coordinate directly with **MCDOT** regarding Right-of-Way acquisition and the review of Right-of-Way requirements for each project.

Typical Phase II projects will include route surveys, land surveys, hydraulic analysis, drainage design, temporary and permanent erosion control plans, roadway plans, traffic staging plans, geometric plans, traffic signal design plans, highway lighting plans, structure plans, geotechnical analysis, bike and pedestrian accommodations, pavement marking, ADA, plats and legal descriptions for Right-of-Way acquisition, specifications, estimates, permit acquisition, IDOT Coordination, local agency coordination and any other related work required to complete plans, specifications and estimates as necessary.

Upon projects entering the construction phase, the **ENGINEER** will provide Phase III support services including Request for Information (RFI) responses, coordination of shop drawing review, acting as a liaison between Phase II and Phase III consultant teams, and other tasks as necessary.

The **ENGINEER** will assist in making scheduling determinations regarding which projects will proceed based upon dates and recommendations provided by McHenry County's Bridge Program Manager Consultant. The **ENGINEER** will assist Townships with the development of Requests for Qualifications and provide guidance regarding the implementation of a consultant selection process to ensure that the process adheres to the County's Qualification Based Selection Policy. The **ENGINEER** will not be a part of the consultant selection process unless otherwise requested by MCDOT. Though the **ENGINEER** will assist with contract scoping and preparation.

Projects assigned to the **ENGINEER** may include:

- Various bridge replacement projects
- Locally let bridge repair and replacement projects
- Other projects or tasks as necessary

## **TASK 2 – QUALITY CONTROL/QUALITY ASSURANCE REVIEWS**

The **ENGINEER** will provide and coordinate Phase I/II quality control/quality assurance reviews for **County** and Township bridge projects and other tasks as necessary. The **ENGINEER** will utilize Bluebeam, MicroStation, ProjectWise, Teams and WebEx. Bluebeam Revu software will be utilized to administer and perform project reviews.

QC/QA reviews will be performed to determine compliance with appropriate **MCDOT** and IDOT standards, manuals, and criteria. Reviews will be performed to ensure that consultant internal quality control processes are being performed and adhered to and that all official submittals are complete and in conformance with IDOT submittal requirements. Technical reviews will be performed to ensure the completeness of design and quantity calculations. A complete review of contract items will be performed to confirm the appropriateness of the list of pay items for each project. Quantities for critical contract items will be reviewed to ensure the accuracy of cost estimates and budget figures.

QC/QA reviews are anticipated for the following items:

### **Bridge Project Phase I Documents (Assumed 23 Bridges)**

- Tile Investigation
- Environmental Survey Request (ESR)
- Wetland Delineation
- Wetland Impact Evaluation
- Tree Inventory
- Bridge Bat Assessment
- Special Waste Assessment
- Preliminary Environmental Site Assessment (PESA)
- Bridge Condition Report (BCR)
- Structural Alternative Analysis
- Preliminary Bridge Analysis & Type, Size, Location Drawings
- Barrier Warrant Analysis
- Geotechnical Analysis
- Stream Hydraulic Analysis & Report
- Preliminary Plans & Geometry
- Preliminary Bridge Design and Hydraulic Report (PBDHR)
- Location Drainage Study/Location Drainage Technical Memorandum (LDS/LDTM)
- Permits (ACOE, IDNR, County or Municipal Stormwater)
- Traffic Management Analysis
- Draft & Final BLR 19100 or BLR 22210

### **Bridge Project Phase II Documents (Assumed 23 Bridges)**

- Preliminary Site Investigation (PSI)
- LPC 663
- Roadway Plans
- Pavement Design
- Compensatory Storage Design
- Structural Plans
- Load Rating Analysis
- Quantity Calculations
- Specifications and Special Provisions
- Estimate of Cost and Estimate of Time
- Applicable Permits (ACOE, IDNR, County or Municipal Stormwater)
- Preliminary PSE Submittal
- Pre-Final PSE Submittal
- Phase III Constructability Review
- Final PSE Submittal
- Permit Submittals
- Plats & Legals

Other reviews of engineering reports, plans, submittals to regulatory agencies, or other technical documents which are in addition to this listing and are required to complete each project will be performed as necessary.

**PHASE I/II ENGINEERING PROJECT MANAGEMENT  
VARIOUS BRIDGE PROJECTS WITHIN MCHENRY COUNTY**

**Work Hours Summary  
Project Total**

	<b>Total</b>	<b>HLR</b>	<b>Transystems</b>
<b>Task 1 - Project Management</b>	4619	4619	0
<b>Task 2 - Quality Control Reviews</b>	4186	2064	2122
<b>Overall Total</b>	8805	6683	2122

Bridge Phase 1 Documents (Assume 23 Bridges)	Hours/Site	# Sites	Total Hours
Administration	4	23	92
Tile Investigation	1	23	23
ESR	2	23	46
Wetland Delineation	1	23	23
Wetland Impact Report	2	23	46
Tree Inventory	1	23	23
Bridge Bat Assessment	1	23	23
Special Waste Assessment	2	23	46
PESA	3	23	69
BCR	7	23	161
Structural Alternative Analysis	7	23	161
Preliminary Bridge Analysis & TSL Drawings	6	23	138
Barrier Warrant Analysis	3	23	69
Geotechnical Analysis	4	23	92
Stream Hydraulic Analysis & Report	6	23	138
Preliminary Plans & Geometry	16	23	368
PBDHR	5	23	115
LDS/LDTM	7	23	161
Permits	2	23	46
Traffic Management Analysis	2	23	46
Draft PDR	5	23	115
Final PDR	4	23	92
	91		2093

Bridge Phase 2 Documents (Assume 23 Bridges)	Hours/Site	# Sites	Total Hours
Administration	3	23	69
PSI	3	23	69
LPC 663	2	23	46
Roadway Plans	19	23	437
Pavement Design	2	23	46
Comp Storage Design	2	23	46
Structural Plans	9	23	207
Load Rating Analysis	4	23	92
Quantity Calculations	2	23	46
Specifications and Special Provisions	8	23	184
EOC & EOT	5	23	115
Preliminary PSE Submittal	3	23	69
PreFinal PSE Submittal	3	23	69
Constructability Review	8	23	184
Final PSE	3	23	69
Permit Submittals	3	23	69
Plats & Legals	12	23	276
	91		2093

Local Public Agency

Prime Consultant (Firm) Name

County

Section Number

County of McHenry

Hampton, Lenzini and Renwick, Inc.

McHenry

**EXHIBIT B  
PROJECT SCHEDULE**

See attached.

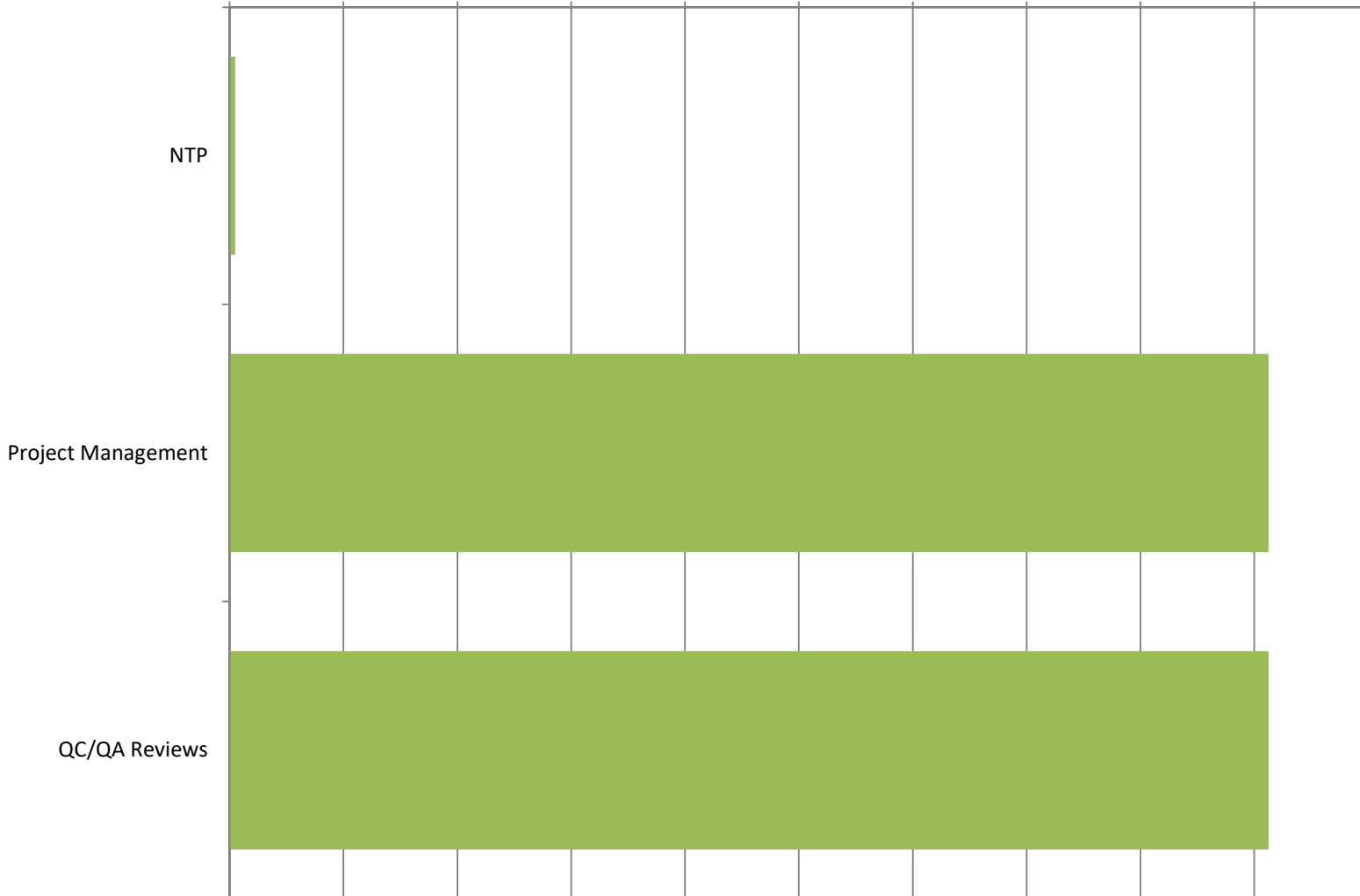
Start Date

■ Completed

■ Remaining

### EXHIBIT B MCDOT PHASE I/II ENGINEERING PROJECT MANAGEMENT FOR VARIOUS BRIDGE PROJECTS

1/1/2025    7/20/2025    2/5/2026    8/24/2026    3/12/2027    9/28/2027    4/15/2028    11/1/2028    5/20/2029    12/6/2029    6/24/2030



Local Public Agency	Prime Consultant (Firm) Name	County	Section Number
County of McHenry	Hampton, Lenzini and Renwick, Inc.	McHenry	

**EXHIBIT C**  
**Qualification Based Selection (QBS) Checklist**

The LPA must complete Exhibit D. If the value meets or will exceed the threshold in 50 ILCS 510, QBS requirements must be followed. Under the threshold, QBS requirements do not apply. The threshold is adjusted annually. If the value is under the threshold with federal funds being used, federal small purchase guidelines must be followed.

Form Not Applicable (engineering services less than the threshold)

**Items 1-13 are required when using federal funds and QBS process is applicable. Items 14-16 are required when using State funds and the QBS process is applicable.**

		No	Yes
1	Do the written QBS policies and procedures discuss the initial administration (procurement, management and administration) concerning engineering and design related consultant services?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2	Do the written QBS policies and procedures follow the requirements as outlined in Section 5-5 and specifically Section 5-5.06 (e) of the BLRS Manual?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3	Was the scope of services for this project clearly defined?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4	Was public notice given for this project?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5	Do the written QBS policies and procedures cover conflicts of interest?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6	Do the written QBS policies and procedures use covered methods of verification for suspension and debarment?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7	Do the written QBS policies and procedures discuss the methods of evaluation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Project Criteria		
		Weighting	
	+		
	-		
8	Do the written QBS policies and procedures discuss the method of selection?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Selection committee (titles) for this project

**County staff**

		No	Yes
Top three consultants ranked for this project in order			
1	Hampton, Lenzini and Renwick, Inc.		
2	Patrick Engineering		
3	Bowman Consulting Group, Ltd.		
9	Was an estimated cost of engineering for this project developed in-house prior to contract negotiation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
10	Were negotiations for this project performed in accordance with federal requirements.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
11	Were acceptable costs for this project verified?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
12	Do the written QBS policies and procedures cover review and approving for payment, before forwarding the request for reimbursement to IDOT for further review and approval?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
13	Do the written QBS policies and procedures cover ongoing and finalizing administration of the project (monitoring, evaluation, closing-out a contract, records retention, responsibility, remedies to violations or breaches to a contract, and resolution of disputes)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
14	QBS according to State requirements used?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
15	Existing relationship used in lieu of QBS process?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16	LPA is a home rule community (Exempt from QBS).	<input type="checkbox"/>	<input type="checkbox"/>





<b>Local Public Agency</b> McHenry County Division of Transportation	<b>County</b> McHenry	<b>Section Number</b> 24-00587-00-BR
<b>Prime Consultant (Firm) Name</b> Hampton, Lenzini and Renwick, Inc.	<b>Prepared By</b> Amy McSwane	<b>Date</b> 9/13/2024
<b>Consultant / Subconsultant Name</b> Hampton, Lenzini and Renwick, Inc.	<b>Job Number</b> 	

Note: This is name of the consultant the CECS is being completed for. This name appears at the top of each tab.

**Remarks**

### PAYROLL ESCALATION TABLE

<b>CONTRACT TERM</b>	60	MONTHS	<b>OVERHEAD RATE</b>	169.78%
<b>START DATE</b>	1/1/2025		<b>COMPLEXITY FACTOR</b>	0
<b>RAISE DATE</b>	1/1/2025		<b>% OF RAISE</b>	2.00%
<b>END DATE</b>	12/31/2029			

### ESCALATION PER YEAR

Year	First Date	Last Date	Months	% of Contract
0	1/1/2025	1/1/2025	0	0.00%
1	1/2/2025	1/1/2026	12	20.40%
2	1/2/2026	1/1/2027	12	20.81%
3	1/2/2027	1/1/2028	12	21.22%
4	1/2/2028	1/1/2029	12	21.65%
5	1/2/2029	1/1/2030	12	22.08%

**The total escalation = 6.16%**

<b>Local Public Agency</b>	<b>County</b>	<b>Section Number</b>
McHenry County Division of Transportation	McHenry	24-00587-00-BR
<b>Consultant / Subconsultant Name</b>		<b>Job Number</b>
Hampton, Lenzini and Renwick, Inc.		

**PAYROLL RATES**

EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET FIXED RAISE

<b>MAXIMUM PAYROLL RATE</b>	<b>86.00</b>
<b>ESCALATION FACTOR</b>	<b>6.16%</b>

<b>CLASSIFICATION</b>	<b>IDOT PAYROLL RATES ON FILE</b>	<b>CALCULATED RATE</b>
PRINCIPAL	\$89.50	\$86.00
ENGINEER 6	\$76.50	\$81.21
ENGINEER 5	\$65.36	\$69.39
ENGINEER 4	\$58.59	\$62.20
ENGINEER 3	\$46.50	\$49.37
ENGINEER 2	\$36.75	\$39.01
ENGINEER 1	\$34.17	\$36.28
STRUCTURAL 2	\$77.00	\$81.75
STRUCTURAL 1	\$62.00	\$65.82
TECHNICIAN 3	\$51.20	\$54.36
TECHNICIAN 2	\$39.10	\$41.51
TECHNICIAN 1	\$30.43	\$32.31
INTERN/TEMP	\$20.00	\$21.23
LAND ACQUISITION	\$59.00	\$62.64
SURVEY 2	\$55.00	\$58.39
SURVEY 1	\$39.00	\$41.40
ENVIRONMTL 3	\$56.50	\$59.98
ENVIRONMTL 2	\$39.40	\$41.83
ENVIRONMTL 1	\$26.33	\$27.95
ADMIN 2	\$53.63	\$56.93
ADMIN 1	\$30.80	\$32.70



**Local Public Agency**  
 McHenry County Division of Transportation  
**Consultant / Subconsultant Name**  
 Hampton, Lenzini and Renwick, Inc.

**County**  
 McHenry

**Section Number**  
 24-00587-00-BR  
**Job Number**

**DIRECT COSTS WORKSHEET**

List ALL direct costs required for this project. Those not listed on the form will not be eligible for reimbursement by the LPA on this project.  
 EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET

ITEM	ALLOWABLE	QUANTITY	CONTRACT RATE	TOTAL
Lodging (per GOVERNOR'S TRAVEL CONTROL BOARD)	Actual Cost (Up to state rate maximum)			\$0.00
Lodging Taxes and Fees (per GOVERNOR'S TRAVEL CONTROL BOARD)	Actual Cost			\$0.00
Air Fare	Coach rate, actual cost, requires minimum two weeks' notice, with prior IDOT approval			\$0.00
Vehicle Mileage (per GOVERNOR'S TRAVEL CONTROL BOARD)	Up to state rate maximum			\$0.00
Vehicle Owned or Leased	\$32.50/half day (4 hours or less) or \$65/full day			\$0.00
Vehicle Rental	Actual Cost (Up to \$55/day)			\$0.00
Tolls	Actual Cost			\$0.00
Parking	Actual Cost			\$0.00
Overtime	Premium portion (Submit supporting documentation)			\$0.00
Shift Differential	Actual Cost (Based on firm's policy)			\$0.00
Overnight Delivery/Postage/Courier Service	Actual Cost (Submit supporting documentation)			\$0.00
Copies of Deliverables/Mylars (In-house)	Actual Cost (Submit supporting documentation)			\$0.00
Copies of Deliverables/Mylars (Outside)	Actual Cost (Submit supporting documentation)			\$0.00
Project Specific Insurance	Actual Cost			\$0.00
Monuments (Permanent)	Actual Cost			\$0.00
Photo Processing	Actual Cost			\$0.00
2-Way Radio (Survey or Phase III Only)	Actual Cost			\$0.00
Telephone Usage (Traffic System Monitoring Only)	Actual Cost			\$0.00
CADD	Actual Cost (Max \$15/hour)			\$0.00
Web Site	Actual Cost (Submit supporting documentation)			\$0.00
Advertisements	Actual Cost (Submit supporting documentation)	10	\$100.00	\$1,000.00
Public Meeting Facility Rental	Actual Cost (Submit supporting documentation)			\$0.00
Public Meeting Exhibits/Renderings & Equipment	Actual Cost (Submit supporting documentation)			\$0.00
Recording Fees	Actual Cost			\$0.00
Transcriptions (specific to project)	Actual Cost			\$0.00
Courthouse Fees	Actual Cost			\$0.00
Storm Sewer Cleaning and Televising	Actual Cost (Requires 2-3 quotes with IDOT approval)			\$0.00
Traffic Control and Protection	Actual Cost (Requires 2-3 quotes with IDOT approval)			\$0.00
Aerial Photography and Mapping	Actual Cost (Requires 2-3 quotes with IDOT approval)			\$0.00
Utility Exploratory Trenching	Actual Cost (Requires 2-3 quotes with IDOT approval)			\$0.00
Testing of Soil Samples	Actual Cost			\$0.00
Lab Services	Actual Cost (Provide breakdown of each cost)			\$0.00
Equipment and/or Specialized Equipment Rental	Actual Cost (Requires 2-3 quotes with IDOT approval)			\$0.00
				\$0.00
				\$0.00
				\$0.00
<b>TOTAL DIRECT COSTS:</b>				<b>\$1,000.00</b>



**Local Public Agency**

McHenry County Division of Transportation

**County**

McHenry

**Section Number**

24-00587-00-BR

**Consultant / Subconsultant Name**

Hampton, Lenzini and Renwick, Inc.

**Job Number**

**AVERAGE HOURLY PROJECT RATES**

**EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET**

SHEET 1 OF 1

PAYROLL CLASSIFICATION	AVG HOURLY RATES	TOTAL PROJ. RATES			Project Management			QC/QA Reviews											
		Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg
PRINCIPAL	86.00	0.0																	
ENGINEER 6	81.21	200.0	2.99%	2.43				200	9.69%	7.87									
ENGINEER 5	69.39	5,253.0	78.60%	54.54	4619	100.00%	69.39	634	30.72%	21.31									
ENGINEER 4	62.20	100.0	1.50%	0.93				100	4.84%	3.01									
ENGINEER 3	49.37	285.0	4.26%	2.11				285	13.81%	6.82									
ENGINEER 2	39.01	0.0																	
ENGINEER 1	36.28	0.0																	
STRUCTURAL 2	81.75	0.0																	
STRUCTURAL 1	65.82	590.0	8.83%	5.81				590	28.59%	18.82									
TECHNICIAN 3	54.36	0.0																	
TECHNICIAN 2	41.51	0.0																	
TECHNICIAN 1	32.31	0.0																	
INTERN/TEMP	21.23	0.0																	
LAND ACQUISITION	62.64	0.0																	
SURVEY 2	58.39	0.0																	
SURVEY 1	41.40	0.0																	
ENVIRONMTL 3	59.98	0.0																	
ENVIRONMTL 2	41.83	255.0	3.82%	1.60				255	12.35%	5.17									
ENVIRONMTL 1	27.95	0.0																	
ADMIN 2	56.93	0.0																	
ADMIN 1	32.70	0.0																	
		0.0																	
		0.0																	
		0.0																	
		0.0																	
		0.0																	
		0.0																	
<b>TOTALS</b>		6683.0	100%	\$67.41	4619.0	100.00%	\$69.39	2064.0	100%	\$63.00	0.0	0%	\$0.00	0.0	0%	\$0.00	0.0	0%	\$0.00

**Subconsultant Proposal**

**TranSystems Corporation**



<b>Local Public Agency</b> McHenry County Division of Transportation	<b>County</b> McHenry	<b>Section Number</b> 24-00587-00-BR
<b>Prime Consultant (Firm) Name</b> Hampton, Lenzini, Renwick Inc.	<b>Prepared By</b> Jesse Vuorenmaa	<b>Date</b> 9/18/2024
<b>Consultant / Subconsultant Name</b> TranSystems Corporation	<b>Job Number</b> 	

Note: This is name of the consultant the CECS is being completed for. This name appears at the top of each tab.

**Remarks**  
Engineering Project Manager/Coordinator of Various Bridge Projects

**PAYROLL ESCALATION TABLE**

<b>CONTRACT TERM</b>	60	<b>MONTHS</b>	<b>OVERHEAD RATE</b>	134.13%
<b>START DATE</b>	1/1/2025		<b>COMPLEXITY FACTOR</b>	0
<b>RAISE DATE</b>	4/14/2025		<b>% OF RAISE</b>	2.00%
<b>END DATE</b>	12/31/2029			

**ESCALATION PER YEAR**

Year	First Date	Last Date	Months	% of Contract
0	1/1/2025	4/14/2025	3	5.00%
1	4/15/2025	4/14/2026	12	20.40%
2	4/15/2026	4/14/2027	12	20.81%
3	4/15/2027	4/14/2028	12	21.22%
4	4/15/2028	4/14/2029	12	21.65%
5	4/15/2029	1/14/2030	9	16.56%

The total escalation = 5.64%



**Local Public Agency**

**County**

**Section Number**

McHenry County Division of Transportation | McHenry

24-00587-00-BR

**Consultant / Subconsultant Name**

**Job Number**

TranSystems Corporation

**PAYROLL RATES**

EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET FIXED RAISE

<b>MAXIMUM PAYROLL RATE</b>	<b>86.00</b>
<b>ESCALATION FACTOR</b>	<b>5.64%</b>

<b>CLASSIFICATION</b>	<b>IDOT PAYROLL RATES ON FILE</b>	<b>CALCULATED RATE</b>
Engineer 5 (E5)	\$86.00	\$86.00
Engineer 4 (E4)	\$86.00	\$86.00
Engineer 3 (E3)	\$77.17	\$81.52
Engineer 2 (E2)	\$64.51	\$68.15
Engineer 1 (E1)	\$48.62	\$51.36
Planner 5 (P5)	\$86.00	\$86.00
Planner 4 (P4)	\$75.23	\$79.47
Planner 3 (P3)	\$51.74	\$54.66
Planner 2 (P2)	\$70.48	\$74.46
Planner 1 (P1)	\$30.29	\$32.00
Architect 4 (AR4)	\$73.94	\$78.11
Architect 3 (AR3)	\$60.12	\$63.51
Architect 2 (AR2)	\$48.16	\$50.88
Architect 1 (AR1)	\$36.41	\$38.46
Analyst 2 (AN2)	\$38.60	\$40.78
Environmental Scientist 4 (SC4)	\$80.00	\$84.51
Industry Specialist 4 (IS4)	\$86.00	\$86.00
Industry Specialist 3 (IS3)	\$69.88	\$73.82
Surveyor 4	\$86.00	\$86.00
Construction Services 4 (CS4)	\$69.90	\$73.84
Construction Services 3 (CS3)	\$53.03	\$56.02
Construction Services 2 (CS2)	\$36.81	\$38.89
Construction Services 1 (CS1)	\$36.92	\$39.00
Technician 3 (T3)	\$46.12	\$48.72
Technician 1 (T1)	\$23.03	\$24.33
Administrative 3 (A3)	\$57.29	\$60.52
Administrative 2 (A2)	\$34.78	\$36.74



**Local Public Agency**

McHenry County Division of Transportation

**County**

McHenry

**Section Number**

24-00587-00-BR

**Consultant / Subconsultant Name**

TranSystems Corporation

**Job Number**

**DIRECT COSTS WORKSHEET**

List ALL direct costs required for this project. Those not listed on the form will not be eligible for reimbursement by the LPA on this project.  
EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET

ITEM	ALLOWABLE	QUANTITY	CONTRACT RATE	TOTAL
Lodging (per GOVERNOR'S TRAVEL CONTROL BOARD)	Actual Cost (Up to state rate maximum)			\$0.00
Lodging Taxes and Fees (per GOVERNOR'S TRAVEL CONTROL BOARD)	Actual Cost			\$0.00
Air Fare	Coach rate, actual cost, requires minimum two weeks' notice, with prior IDOT approval			\$0.00
Vehicle Mileage (per GOVERNOR'S TRAVEL CONTROL BOARD)	Up to state rate maximum			\$0.00
Vehicle Owned or Leased	\$32.50/half day (4 hours or less) or \$65/full day			\$0.00
Vehicle Rental	Actual Cost (Up to \$55/day)			\$0.00
Tolls	Actual Cost			\$0.00
Parking	Actual Cost			\$0.00
Overtime	Premium portion (Submit supporting documentation)			\$0.00
Shift Differential	Actual Cost (Based on firm's policy)			\$0.00
Overnight Delivery/Postage/Courier Service	Actual Cost (Submit supporting documentation)			\$0.00
Copies of Deliverables/Mylars (In-house)	Actual Cost (Submit supporting documentation)			\$0.00
Copies of Deliverables/Mylars (Outside)	Actual Cost (Submit supporting documentation)			\$0.00
Project Specific Insurance	Actual Cost			\$0.00
Monuments (Permanent)	Actual Cost			\$0.00
Photo Processing	Actual Cost			\$0.00
2-Way Radio (Survey or Phase III Only)	Actual Cost			\$0.00
Telephone Usage (Traffic System Monitoring Only)	Actual Cost			\$0.00
CADD	Actual Cost (Max \$15/hour)			\$0.00
Web Site	Actual Cost (Submit supporting documentation)			\$0.00
Advertisements	Actual Cost (Submit supporting documentation)			\$0.00
Public Meeting Facility Rental	Actual Cost (Submit supporting documentation)			\$0.00
Public Meeting Exhibits/Renderings & Equipment	Actual Cost (Submit supporting documentation)			\$0.00
Recording Fees	Actual Cost			\$0.00
Transcriptions (specific to project)	Actual Cost			\$0.00
Courthouse Fees	Actual Cost			\$0.00
Storm Sewer Cleaning and Televising	Actual Cost (Requires 2-3 quotes with IDOT approval)			\$0.00
Traffic Control and Protection	Actual Cost (Requires 2-3 quotes with IDOT approval)			\$0.00
Aerial Photography and Mapping	Actual Cost (Requires 2-3 quotes with IDOT approval)			\$0.00
Utility Exploratory Trenching	Actual Cost (Requires 2-3 quotes with IDOT approval)			\$0.00
Testing of Soil Samples	Actual Cost			\$0.00
Lab Services	Actual Cost (Provide breakdown of each cost)			\$0.00
Equipment and/or Specialized Equipment Rental	Actual Cost (Requires 2-3 quotes with IDOT approval)			\$0.00
Copies B/W 11x17	Actual Cost			\$0.00
Copies Color 8.5x11	Actual Cost			\$0.00
Traffic Counts/Geofencing	Actual Cost (See separate calculations)			\$0.00
				\$0.00
<b>TOTAL DIRECT COSTS:</b>				<b>\$0.00</b>



**Local Public Agency**

McHenry County Division of Transportation

**County**

McHenry

**Section Number**

24-00587-00-BR

**Consultant / Subconsultant Name**

TranSystems Corporation

**Job Number**

**AVERAGE HOURLY PROJECT RATES**

**EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET**

SHEET 1 OF 1

PAYROLL CLASSIFICATION	AVG HOURLY RATES	TOTAL PROJ. RATES			Task 2 - Quality Control Reviews														
		Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg
Engineer 5 (E5)	86.00	0.0																	
Engineer 4 (E4)	86.00	100.0	4.71%	4.05	100	4.71%	4.05												
Engineer 3 (E3)	81.52	360.0	16.97%	13.83	360	16.97%	13.83												
Engineer 2 (E2)	68.15	952.0	44.86%	30.57	952	44.86%	30.57												
Engineer 1 (E1)	51.36	680.0	32.05%	16.46	680	32.05%	16.46												
Planner 5 (P5)	86.00	0.0																	
Planner 4 (P4)	79.47	0.0																	
Planner 3 (P3)	54.66	0.0																	
Planner 2 (P2)	74.46	0.0																	
Planner 1 (P1)	32.00	0.0																	
Architect 4 (AR4)	78.11	0.0																	
Architect 3 (AR3)	63.51	0.0																	
Architect 2 (AR2)	50.88	0.0																	
Architect 1 (AR1)	38.46	0.0																	
Analyst 2 (AN2)	40.78	0.0																	
Environmental Scientist 4 (ES4)	84.51	0.0																	
Industry Specialist 4 (IS4)	86.00	0.0																	
Industry Specialist 3 (IS3)	73.82	0.0																	
Surveyor 4	86.00	0.0																	
Construction Services 4 (C4)	73.84	0.0																	
Construction Services 3 (C3)	56.02	0.0																	
Construction Services 2 (C2)	38.89	0.0																	
Construction Services 1 (C1)	39.00	0.0																	
Technician 3 (T3)	48.72	0.0																	
Technician 1 (T1)	24.33	0.0																	
Administrative 3 (A3)	60.52	0.0																	
Administrative 2 (A2)	36.74	30.0	1.41%	0.52	30	1.41%	0.52												
<b>TOTALS</b>		2122.0	100%	\$65.44	2122.0	100.00%	\$65.44	0.0	0%	\$0.00	0.0	0%	\$0.00	0.0	0%	\$0.00	0.0	0%	\$0.00