



Local Public Agency Engineering Services Agreement

Using Federal Funds? Yes No

Agreement For: Agreement Type:

LOCAL PUBLIC AGENCY

Local Public Agency	County	Section Number	Job Number
DuPage County Division of Transportation	DuPage	14-00124-04-BR	C-91-175-15
Project Number	Contact Name	Phone Number	Email
26XM(359)	William Eidson, PE	(630) 407-6900	william.eidson@dupagecounty.gov

SECTION PROVISIONS

Local Street/Road Name	Key Route	Length	Structure Number
Warrenville Road	FAU 1479	0.22 mi.	022-3055
Location Termini			<input type="button" value="Add Location"/>
Over East Branch of DuPage River			<input type="button" value="Remove Location"/>

Project Description
 Replacement of the Warrenville Road bridge over the East Branch of the DuPage River. The scope includes complete structure replacement under staged construction, roadway improvements, grading, retaining walls and new multi-use path.

Engineering Funding Federal MFT/TBP State Other

Anticipated Construction Funding Federal MFT/TBP State Other

AGREEMENT FOR

Phase III - Construction Engineering

CONSULTANT

Prime Consultant (Firm) Name	Contact Name	Phone Number	Email
Stanley Consultants, Inc.	Jared Hamilton	(773) 269-8775	hamiltonjared@stanleygroup.com
Address	City	State	Zip Code
8501 W. Higgins Road, Suite 730	Chicago	IL	60490

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 SECTION. Project funding allotted to the LPA by the State of Illinois under the general supervision of the State Department of Transportation, hereinafter called the "DEPARTMENT," will be used entirely or in part to finance ENGINEERING services as described under AGREEMENT PROVISIONS.

Since the services contemplated under the 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 and the DEPARTMENT. The LPA acknowledges the professional and ethical status of the ENGINEER by entering into an 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:

- Regional Engineer: Deputy Director, Office of Highways Project Implementation, Regional Engineer, Department of Transportation
- Resident Construction Supervisor: Authorized representative of the LPA in immediate charge of the engineering details of the construction 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) Worksheet (BLR 05513 or BLR 05514)
- BC 775 and BC 776
- _____
- _____

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 that are 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 or DEPARTMENT 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 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 the AGREEMENT or any subsequent Amendment or Supplement.
7. To submit a completed BLR 05613, Engineering Payment Report, to the DEPARTMENT within three months of the completion of the work called for in this AGREEMENT or any subsequent Amendment or Supplement. The form shall be submitted with the final invoice.
8. 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.
9. 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 be construed to relieve the ENGINEER of any responsibility for the fulfillment of this AGREEMENT.
10. For Construction Engineering Contracts:
 - (a) The ENGINEER shall be prequalified with the STATE in Construction Inspection. All employees of the ENGINEER serving as the onsite resident construction supervisor or providing construction inspection shall have a valid Documentation of Contract Quantities certification.
 - (b) For all projects where testing is required, the ENGINEER shall obtain samples according to the STATE Bureau of Materials. "Manual of Test Procedures for Materials," submit STATE 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 COST 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 following:
 - (a) Professional Services Selection Act (50 ILCS 510), The Brooks Act (40 USC 11), and the Procurement, Management, and Administration of Engineering, and Design Related Services (23 CFR part 172). Exhibit C is required to be completed with this AGREEMENT.
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 submit approved forms BC 775 and BC 776 to the DEPARTMENT when federal funds are utilized.
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 LPA and DEPARTMENT, 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 the AGREEMENT on the basis of the following compensation method as discussed in 5-5.10 of the BLR Manual.

Method of Compensation:

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 Department 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 IDOT 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 Auditor General, and the DEPARTMENT, the Federal Highways Administration (FHWA) or any authorized representative of the federal government, 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 DEPARTMENT for the recovery of any funds paid by the DEPARTMENT 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, the DEPARTMENT, and their officers, agents, and employees from all suits, claims, actions or damage 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 material becomes 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. In the event that the DEPARTMENT stops payment to the LPA, 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 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. 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 have harmless the LPA, the DEPARTMENT, and their officers, 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.
8. 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 the 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 the 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 the 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 or local) terminated for cause or default.

Where the ENGINEER or LPA is unable to certify to any of the above statements in this certification, 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 the 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 include but are not limited to: acts of God or a public enemy; act 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, the ENGINEER shall apply in writing to the LPA for an extension of time. If approved, the PROJECT SCHEDULE shall be revised accordingly.

10. This certification is required by the Drug Free Workplace Act (30 ILCS 580). The Drug Free Workplace Act requires that 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 DEPARTMENT 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 on grant payments, termination of a contract or grant and debarment of the contracting or grant opportunities with the DEPARTMENT 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 an 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 DEPARTMENT, as defined the Act.

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 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 (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) of 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, LPA and the Department agree to meet the PROJECT SCHEDULE outlined in EXHIBIT B. 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 project. 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 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 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.
 - (c) That any difference between the ENGINEER and the LPA concerning the interpretation of the provisions of this AGREEMENT shall be referred to a committee of disinterested parties consisting of one member appointed by the ENGINEER, one member appointed by the LPA, and a third member appointed by the two other members for disposition and that the committee's decision shall be final.
 - (d) That in the event that engineering and inspection services to be furnished and performed by the LPA (including personnel furnished by the ENGINEER) shall, in the opinion of the STATE be incompetent employed on such work at the expense of the LPA.
 - (e) Inspection of all materials when inspection is not provided by the sources by the STATE Central Bureau of Materials, and submit inspection reports to the LPA and STATE in accordance with the STATE Central Bureau of Materials "Project Procedures Guide" and the policies of the STATE.

AGREEMENT SUMMARY

Prime Consultant (Firm) Name	TIN/FEIN/SS Number	Agreement Amount
Stanley Consultants, Inc.	42-1320758	\$733,457.00
Subconsultants		
Subconsultants	TIN/FEIN/SS Number	Agreement Amount
Interra, Inc.	36-4045796	\$68,533.00
Subconsultant Total		\$68,533.00
Prime Consultant Total		\$733,457.00
Total for all work		\$801,990.00

AGREEMENT SIGNATURES

Attest: The of

By (Signature & Date)

By (Signature & Date)

Local Public Agency Type
 County Clerk

Title

(SEAL)

Executed by the ENGINEER:

Attest:
Prime Consultant (Firm) Name

Signature on File
Title

By (S) Signature on File
Title

Local Public Agency	Prime Consultant (Firm) Name	County	Section Number
DuPage County Division of Tranp	Stanley Consultants, Inc.	DuPage	14-00124-04-BR

**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 III (Construction Engineering) Scope of Services

Project Name: Warrenville Road Bridge Reconstruction

Section No.: 14-00124-04-BR

Project No.: 26XM(359)

IDOT Contract No.: 61J14

PRE-CONSTRUCTION PHASE AND ADVANCED UTILITY COORDINATION

1. Review contract documents including plans, specifications and estimates provided by DuPage County.
2. Review and document existing site conditions prior to construction.
3. Review project permits
4. Verify available survey data and existing control points. Perform preconstruction survey of existing conditions.
5. Attend utility coordination meetings and prepare meeting minutes.
6. Review utility relocation plans and spot check utility relocation field activities.
7. Develop material testing guidelines and procedures.
8. Review Illinois Department of Transportation (IDOT) construction checklists
9. Attend IDOT pre-construction meeting.
10. Coordinate and attend project kick-off meeting with DuPage County to discuss project commitments and County expectations.

CONSTRUCTION PHASE

1. Provide construction observation to verify that the construction of the project is in substantial compliance with the approved contract documents.
2. Maintain a project diary and quantity book. It is anticipated that IDOT's ICORS construction management program will be used.
3. Prepare and distribute weekly progress reports.
4. Chair regular construction progress meetings on a schedule agreed upon by DuPage County, IDOT and the Contractor. Prepare and distribute meeting minutes.
5. Make regular inspections of traffic control and erosion control measures. Prepare and submit inspection reports in a timely manner and oversee any needed corrective action.
6. Advise DuPage County in a timely manner of any changes or conditions that impact the project schedule or budget.
7. Provide materials Quality Assurance inspections and verify that the Contractor's Quality Control activities are in accordance with the approved QC Plan for concrete and bituminous items.
8. Review other construction materials for compliance with the contract documents and make all necessary submittals to the IDOT Bureau of Materials.
9. Review and return comments or recommend approval of Contractor submittals.
10. Prepare and maintain project files in accordance with IDOT's Documentation of Contract Quantities procedures and Construction Inspector's Checklist for Contract Administration.

11. Make detailed field notes, measurements, surveys and calculations documenting Contractor field activities. All field documentation will be in accordance with IDOT's Documentation of Contract Quantities standards.
12. Evaluate and coordinate contract change orders with DuPage County. Prepare necessary change order documentation and process through IDOT.
13. Review contract quantities with the Contractor and prepare regular (at least monthly) progress pay estimates.
14. Verify Contractor layout stakes and perform surveys as needed throughout the project for preparation of record drawings.
15. Develop working punch list and provide copies to DuPage County and the Contractor. Oversee completion of punch list work.
16. Coordinate with property owners regarding impacts to adjacent properties during construction. Address resident questions and concerns. Immediately inform DuPage County of an issues regarding the public that cannot be resolved to the satisfaction of all parties in the field.
17. Schedule final inspection with Contractor and DuPage County
18. Coordinate traffic signal maintenance transfers and inspections with DuPage County, IDOT and the

POST CONSTRUCTION PHASE

1. Oversee punch list work
2. Finalize contract quantities and obtain agreement to quantities with the Contractor.
3. Prepare and submit final documentation to DuPage County and IDOT.
4. Prepare and submit a final pay estimate.
5. Provide cost share information in accordance with agreements

6. Prepare and submit record drawings to DuPage County.

STAFFING AND EQUIPMENT

Stanley will provide all necessary equipment and tools of the trade to fulfill the scope of work described herein including vehicles, cell phones, computers, survey equipment, measurement tools and person safety equipment. The following staff will be provided as detailed in the IDOT Construction Engineering Services Agreement, form BLR 05611.

1. Project Manager
2. Resident Engineer
3. Construction Inspector
4. Surveyor

ASSUMPTIONS AND EXCLUSIONS

- 1. It is assumed that the Contractor will work a 5 day per week, single shift schedule with some reasonable overtime. Oversight of overtime work due to contract acceleration or extra work not required to fulfill the intent of the original contract is excluded.**
- 2. Construction layout staking is not included in the scope of work. According to the contract, the Contractor will provide their own layout staking. Stanley will spot check Contractor layout to verify accuracy.**
- 3. Stanley is not responsible for Contractor means, methods or schedules. However, Stanley will make recommendations to the Contractor and DuPage County for improving productivity and quality of the work where appropriate.**
- 4. Stanley is not responsible for Contractor or overall site safety. However, perceived threats to the safety of crews or the public will be addressed immediately.**

PROJECT: Warrenville Road Bridge Replacement
SECTION: 14-00124-04-BR

Construction																								
28-Sep	5-Oct	12-Oct	19-Oct	26-Oct	2-Nov	9-Nov	16-Nov	23-Nov	30-Nov	7-Dec	14-Dec	21-Dec	28-Dec	4-Jan	11-Jan	18-Jan	25-Jan	1-Feb	8-Feb	15-Feb	22-Feb	1-Mar	8-Mar	15-Mar
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
40	40	40	40	40	40	40	40	24	40	40	40	32	32	40	40	40	40	40	40	40	40	40	40	24
50	50	50	50	50	50	50	50	32	50	40	40	32	32										40	40
		8										8										16		
		4			4			4			4													
91	91	103	91	91	95	91	91	61	91	81	85	73	65	41	41	41	41	41	41	41	41	57	81	65

11	10	12	10	11	10	11	10	11	10	11	10	12	8	5	5	5	5	5	5	5	5	5	7	10	10
12	12		24	24		12	12	12	12	12	12	12	24		12	16		24	24	4	4				
1	1		3	3		1	1	1	1	1	1	1	3		1	2		2	2						

PROJECT: Warrenville Road Bridge Replacement
SECTION: 14-00124-04-BR

								Post Construction							
22-Mar	29-Mar	5-Apr	12-Apr	19-Apr	26-Apr	3-May	10-May	17-May	24-May	31-May	7-Jun	14-Jun	21-Jun	Totals	
1	1	1	1	1	1	1	1		1		1		1	52	
40	40	40	24	32	40	40	40	40	40	40	40	40	24	2083	
40	40	40	40	40	40	40								1698	
														56	
														50	
														0	
														0	
31	81	81	65	73	81	81	41	40	41	40	41	40	25		
Construction							3571	Post Construction						227	3939
10	10	10	8	9	10	10	5	5	5	5	5	5	3	468	
Total Vehicle Days														0	
														468	
														410	
														40	

Local Public Agency	Prime Consultant (Firm) Name	County	Section Number
DuPage County Division of Transp	Stanley Consultants, Inc.	DuPage	14-00124-04-BR

**EXHIBIT B
PROJECT SCHEDULE**

<p>Anticipated IDOT letting 04/26/24 Anticipated construction contract award 05/14/24 Construction contract execution 05/14/24 Anticipated pre-construction meeting 05/24/24 Anticipated start of construction 06/03/24 Anticipated completion date 11/2025</p>
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Local Public Agency	Prime Consultant (Firm) Name	County	Section Number
DuPage County Division of Tranp	Stanley Consultants, Inc.	DuPage	14-00124-04-BR

**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"/>

If yes Due date of submittal

Method(s) used for advertisement and dates of advertisement

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
Technical Approach & Key Considerations	25%
Staffing Organization & Key Staff Capabilities	25%
Firm Experience with Similar Projects	25%
Experience Coordinating Projects with Multiple Agencies	20%
Strategies to Ensure Timely Completion	10%

8	Do the written QBS policies and procedures discuss the method of selection?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Selection committee (titles) for this project

Top three consultants ranked for this project in order

1	Stanley Consultants
2	SPAAN Tech
3	TranSystems

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"/>

Local Public Agency	Prime Consultant (Firm) Name	County	Section Number
DuPage County Division of Tranp	Stanley Consultants, Inc.	DuPage	14-00124-04-BR
16 LPA is a home rule community (Exempt from QBS).			<input checked="" type="checkbox"/> <input type="checkbox"/>

EXHIBIT C

**DUPAGE COUNTY DIVISION OF TRANSPORTATION
Consultant Employee Rate Listing**

CONSULTANT: Stanley Consultants, Inc.

PROJECT: Warrenville Road Bridge Replacement

Classification	Rate Range		Reason for Adjustment/Addition/Deletion
	Minimum	Maximum	
Client Service Manager	\$78.00	\$86.00	
Department Manager	\$86.00	\$86.00	
Principal Engineer	\$71.00	\$82.00	
Sr. Engineer	\$50.00	\$58.00	
Engineer	\$44.00	\$51.00	
Engineer-In-Training II	\$35.00	\$41.00	
Engineer-In-Training I	\$30.00	\$35.00	
Sr. Resident Project Representative	\$60.00	\$69.00	
Resident Project Representative	\$47.00	\$55.00	
ECM Consultant	\$45.00	\$52.00	
Designer	\$45.00	\$52.00	
Sr. Technician	\$38.00	\$44.00	
Sr. Admin Assistant	\$30.00	\$35.00	
Admin Assistant	\$20.00	\$23.00	
Engineering Student Intern	\$20.00	\$23.00	

Note: Maximum rate shall not exceed \$86.00 per hour

Signature on File

Signature of Authorized Agent
for CONSULTANT:

Signature
GEORGE VUKELICH
Print Name

Date: 1-11-2024

Approved By COUNTY:

Signature on File
Yifang Lu, Chief Highway Engineer

Date: 2/7/2024

EXHIBIT C

**DUPAGE COUNTY DIVISION OF TRANSPORTATION
Consultant Employee Rate Listing**

CONSULTANT: **Interra, Inc.**

PROJECT: **Warrenville Road Bridge Replacement & Roadway Reconstruction
Section: 14-00124-04-BR**

Classification	Rate Range		Reason for Adjustment/Addition/Deletion
	Minimum	Maximum	
Principal Engineer	\$70.00	\$86.00	
Project Manager	\$60.00	\$80.00	
Project Engineer	\$50.00	\$60.00	
Inspector	\$40.00	\$60.00	
Staff Engineer	\$30.00	\$50.00	
Sr. Administrative Assistant	\$25.00	\$40.00	
Administrative Assistant	\$18.00	\$30.00	
Laboratory Technician	\$30.00	\$50.00	
Senior Materials Technician	\$45.00	\$60.00	
Materials Technician	\$40.00	\$55.00	
Apprentice	\$30.00	\$50.00	
Pick-Up Technician	\$30.00	\$50.00	

Note: Maximum rate shall not exceed \$86.00 per hour.

Signature of Authorized Agent for CONSULTANT: _____
Signature on File

Signature

Date: 1/11/24

Anshuman Balekai

Signature on File

Approved By COUNTY:

Yifang Lu, Chief Highway Engineer

Date: 2/15/24

Exhibit C Notes

1. The Classification represents a position within the CONSULTANT'S operation that is filled by one or more personnel that have similar duties and responsibilities.
2. This Exhibit should include all classifications that *might be* involved with the project. This avoids your resubmittal and the need to go through the approval process again.
3. Minimum rate is the lowest rate being paid to personnel for a particular classification (rounded down to nearest \$ amount).
4. Maximum rate is the top rate being paid to personnel for a particular classification taking into account employee raises within contract period (rounded up to nearest dollar amount).
5. Revisions to Exhibit C shall be limited to adjustments requested by the CONSULTANT to the hourly rate ranges and additions or deletions to position classifications approved by the COUNTY provided the adjustment(s) do not exceed the total compensation as stated in the AGREEMENT.





Local Public Agency DuPage County Division of Transportation	County DuPage County	Section Number 14-00124-04-BR
Prime Consultant (Firm) Name Stanley Consultants, Inc.	Prepared By Jared Hamilton	Date 1/11/2024
Consultant / Subconsultant Name Stanley Consultants, Inc.	Job Number 	

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

CONTRACT TERM	14.25	MONTHS			OVERHEAD RATE	147.98%
START DATE	4/26/2024				COMPLEXITY FACTOR	0
RAISE DATE	4/1/2025				% OF RAISE	2.00%
END DATE	6/25/2025					

ESCALATION PER YEAR

Year	First Date	Last Date	Months	% of Contract
0	4/26/2024	4/1/2025	11	77.19%
1	4/2/2025	7/1/2025	3.25	23.26%

The total escalation = 0.46%

Local Public Agency

DuPage County Division of Transportation

County

DuPage County

Section Number

14-00124-04-BR

Consultant / Subconsultant Name

Stanley Consultants, Inc.

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	468	\$65.00	\$30,420.00
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
				\$0.00
				\$0.00
				\$0.00
TOTAL DIRECT COSTS:				\$30,420.00

Local Public Agency

DuPage County Division of Transportation

Consultant / Subconsultant Name

Stanley Consultants, Inc.

County

DuPage County

Section Number

14-00124-04-BR

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			Construction Management			Construction Inspection			Survey			Structural Engineer		
		Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg
Department Manager	86.00	102.0	2.59%	2.23	52	100.00%	86.00										50	100.00%	86.00
Sr. Resident Project Repre	74.16	2,083.0	52.88%	39.22				2083	100.00%	74.16									
Resident Project Represen	53.70	56.0	1.42%	0.76									56	100.00%	53.70				
Engineer	49.02	1,698.0	43.11%	21.13							1698	100.00%	49.02						
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TOTALS		3939.0	100%	\$63.34	52.0	100.00%	\$86.00	2083.0	100%	\$74.16	1698.0	100%	\$49.02	56.0	100%	\$53.70	50.0	100%	\$86.00



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

Local Public Agency DuPage County Division of Transportation	County DuPage County	Section Number 14-00124-04-BR
Prime Consultant (Firm) Name Stanley Consultants, Inc.	Prepared By Anshuman Balekai	Date 1/12/2024
Consultant / Subconsultant Name Interra, Inc.	Job Number 	

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

CONTRACT TERM	14.25	MONTHS			OVERHEAD RATE	133.99%
START DATE	4/26/2024				COMPLEXITY FACTOR	0
RAISE DATE	1/1/2025				% OF RAISE	2.00%
END DATE	6/25/2025					

ESCALATION PER YEAR

Year	First Date	Last Date	Months	% of Contract
0	4/26/2024	1/1/2025	8	56.14%
1	1/2/2025	7/1/2025	6.25	44.74%

Local Public Agency

DuPage County Division of Transportation

Consultant / Subconsultant Name

Interra, Inc.

County

DuPage County

Section Number

14-00124-04-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

Table with 5 columns: ITEM, ALLOWABLE, QUANTITY, CONTRACT RATE, TOTAL. Rows include Lodging, Vehicle Mileage, Vehicle Owned or Leased, Overtime, and a final row for TOTAL DIRECT COSTS: \$14,427.48.

Breakdown of Direct Costs

Warrenville Road Bridge Replacement & Roadway Reconstruction

Section: 14-00124-04-BR

Item	No.	Rate	Cost
Vehicle Days	40	\$ 65.00	\$ 2,600.00
Overtime Costs	36	\$ 26.43	\$ 951.47
Cylinders (4" x 8")	45	\$ 25.00	\$ 1,125.00
Air Voids	6	\$ 588.00	\$ 3,528.00
Extraction & Washed Gradation	6	\$ 336.00	\$ 2,016.00
HMA Cores	6	\$ 87.00	\$ 522.00
Tack Coat	4	\$ 52.00	\$ 208.00
Standard Proctor	3	\$ 280.00	\$ 840.00
Atterberg Limits	3	\$ 140.00	\$ 420.00
Grain Size with Hydrometer	3	\$ 252.00	\$ 756.00
Organic Content	3	\$ 162.00	\$ 486.00
Gradation (Wash)	3	\$ 225.00	\$ 675.00
Gauge Rental	6	\$ 50.00	\$ 300.00
		TOTAL	\$ 14,427.47

Local Public Agency

DuPage County Division of Transportation

Consultant / Subconsultant Name

Interra, Inc.

County

DuPage County

Section Number

14-00124-04-BR

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			QA Testing											
		Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg
Staff Engineer	33.29	20.0	4.88%	1.62	20	4.88%	1.62									
Senior Materials Tech	52.86	260.0	63.41%	33.52	260	63.41%	33.52									
Project Engineer	56.49	18.0	4.39%	2.48	18	4.39%	2.48									
Sr. Admin Assistant	31.27	32.0	7.80%	2.44	32	7.80%	2.44									
Principal Engineer / PM	86.00	20.0	4.88%	4.20	20	4.88%	4.20									
Pick-up Tech	35.31	60.0	14.63%	5.17	60	14.63%	5.17									
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TOTALS		410.0	100%	\$49.43	410.0	100.00%	\$49.43	0.0	0%	\$0.00	0.0	0%	\$0.00	0.0	0%	\$0.00



Local Public Agency Resident Construction Supervisor/ In Responsible Charge



Regional Engineer
Jose Rios, PE

Contract Number 61J14
District 1
Letting Date 04/26/24

Department of Transportation
Address
201 W. Center Court
City State Zip Code
Schaumburg IL 60196

Municipality
DuPage County Division of Transportation

Route County
FAU 1479 Warrenville Rd DuPage

Project Number Job Number
26XM(359) C-91-175-15

Section Number
14-0C | 24-04-BR

- I recommend the following individual as a local public agency employee qualified to be resident construction supervisor and to be in responsible charge of this construction project.
I certify that I am in responsible charge as defined by the department of this construction project. Since the local public agency does not have a local public agency employee qualified to be the resident construction supervisor, I am recommending a consulting engineer to serve as resident construction supervisor.

Signature (for the local public agency) Date
Signature on File 1/15/2024

Title
Sr. Resident Project Representative

Applicants Name
Mark Gemmel, PE

The following describes my educational background, experience and other qualifications to be resident construction supervisor of this construction project for the Local Public Agency.

For Consultants: I certify that my firm is pre-qualified in Construction Inspection. Documentation of Contract Quantities certificate number 23-20543

See resume attached.

Signature of Applicant Date
Signature on File 2/15/2024

Job Title of Applicant
Resident Engineer

Based on the above information and my knowledge of the applicant's experience and training, it is my opinion that the applicant is qualified to serve as the resident construction supervisor on this construction project.

Regional Engineer Signature Date Approved

cc: Engineer of Local Roads and Streets, Central Bureau of Local Roads and Streets
Engineer of Construction, Central Bureau of Construction
Resident Construction Supervisor
Local Public Agency



MARK GEMMEL, P.E.

Resident Engineer
Stanley Consultants
27 Years of Experience

Mark has knowledge and experience in construction engineering services and has been a Resident Engineer for more than 20 roadway and bridge projects ranging in value from \$350,000 to \$11 million. Mark's clients have included the Illinois Department of Transportation, the Illinois State Toll Highway Authority, the Villages of Schaumburg, Niles and Lisle, the Cities of Evanston, Crystal Lake and Naperville, and DuPage County. Mark's project experience has encompassed bridge removal and replacement, roadway widening and resurfacing, railroad bridge improvements, bike paths and sidewalks, pedestrian bridges, water mains, and storm sewers, traffic signals and lighting, high voltage electrical and landscaping. These projects have allowed Mark to gain and develop extensive knowledge in ADA standards and erosion and sedimentation control. He has created public information programs to provide stakeholders with project information and a point of contact.

PROJECT EXPERIENCE

Central Street Bridge Reconstruction over MWRD Canal; City of Evanston -- Resident Engineer providing Phase III construction engineering services for the Central Street Bridge Reconstruction over the North Shore Channel, which is under the jurisdiction of Metropolitan Water Reclamation District. Work included staged demolition and construction of the substructure and superstructure while maintaining traffic flows, approach slab and pavement reconstruction, parapet walls, lighting, temporary traffic signals, golf course restoration, pavement markings and landscaping. The means of construction also maintained access for bicyclists and pedestrians. The bridge was constructed to a length of 171' and expanded to be 65' wide to accommodate the additional bike lanes and widened sidewalks.

Widen and Reconstruct I-88 between Naperville Road and I-355; DuPage County Cost Participation in five ISTHA projects; Chicago, IL - Liaison Engineer for DuPage County who participated in the construction cost at various percentages for particular bridges, side roads and ramps on the projects. The position entailed detailed review of the projects, monthly meetings with the ISTHA Construction Managers and conflict resolution to determine a fair breakdown in project costs according to the original agreement between DuPage County and ISTHA. The costs determined will be used by DuPage County to develop the budget for the reimbursement to ISTHA.

Randall Road, Roadway Improvements; Kane County Division of Transportation; Chicago, IL - Resident Engineer for a \$4.2 million intersection improvement and widening project. Work included approximately 1 mile of milling and overlay of Randall Road and McDonald/ Sterns Roads with Stone Matrix Asphalt (SMA) surface and N50 HMA binder and surface. The intersection was widened with full-depth HMA over new aggregate subgrade. Other items of construction included construction of a new permeable HMA multi-use path, a new closed drainage system, a soldier pile retaining wall, traffic signal improvements, roadway lighting, curb and gutter and ADA ramps.

Education

Master of Science Civil Engineering,
University of Illinois- Urbana-
Champaign

Bachelor of Science Civil
Engineering, University of Illinois-
Urbana-Champaign Professional

Registrations

Civil Engineering: IL #062-056651

Civil Engineering IN: #PE11600374

Specialized Training

Certified Inspector, Sediment and
Erosion Control (CISEC)

IDOT PCC Level I and II

IDOT HMA Level I, II and III

Documentation of Contract
Quantities, #19-15217

Five Day Aggregate Training

Nuclear Density Training

Materials Management for Resident
Engineers

Geotechnical Field Testing and
Inspection (S 33)

IDOT ICORS Certified Training

IDOT Inspection of Erosion &
Sediment Control Best Management
Practices

Howard Street Roadway Improvements; Village of Niles, IL--Resident Engineer for the Howard Street Rehabilitation Project in the Village of Niles, IL. -

Resident Engineer for this \$7.5 million 1.5-mile project that included pavement widening and resurfacing, bridge repairs over the Chicago River, new decorative lighting and three signalized intersections that were upgraded and interconnected. Also included specialty items, such as cast-in-place and precast curbing to delineate on-street bike paths, specialized signage for bike path and vehicular wayfinding, and the installation of a block retaining walls.

Milwaukee Avenue Improvement Project; Chicago Department of Transportation; Chicago, IL - Resident Engineer for a \$5 million project for the widening and resurfacing of Milwaukee Avenue from Belmont Avenue to Addison Street. The local collector is home to multi-family homes and commercial business. The scope of construction consisted of partial width reconstruction with PCC base course, resurfacing, and streetscaping, including the coordination with existing utilities. The RE, Mark Gemmel, directed the contractor to perform exploratory excavation prior to installing the storm sewer, and redesigned the system to allow the sewer to be placed without requiring utility relocation. This project also included construction of sidewalks to ADA standards, curb and gutter, driveways, lighting installation and replacement, signal modernization, sewer installation, installation of sod and landscaping, tree planting, installation of decorative items, and pavement markings.

Wentworth Avenue Improvement Project; Chicago Department of Transportation; Chicago, IL - Resident Engineer for this \$3 million for the widening and resurfacing of Wentworth Avenue from 17th Street to 19th Street. The scope of construction consisted of widening with PCC base course, resurfacing and streetscaping improvements along South Wentworth Avenue. Included the coordination of relocating the existing ComEd poles to the east ROW to facilitate widening of the roadway. The RE, Mark Gemmel, was instrumental in reconfiguring the staging plans to allow the contractor to complete the project while the relocation work was proceeding. This project also included pavement construction, resurfacing, construction of sidewalks to ADA standards, curb and gutter, driveways, street lighting installation and replacement, new traffic signal, retaining wall reconstruction, sewer and water main installation, installation of sod and landscaping, tree planting and placement of pavement markings.

75th Street; DuPage County; Chicago, IL - Assistant Resident Engineer for the \$11.2 million project to widen and resurface 75th Street from I-355 to Lyman Avenue included storm sewer, pavement reconstruction and widening, resurfacing, sidewalk, bike path, lighting and traffic signals. Worked closely with DuPage County and the contractor to refine the design, maximizing cost savings. Investigated and designed layout for the new sidewalk and bike path to meet current ADA standards. Despite numerous issues, the project was completed on time and under budget.

Gary Avenue Widening and Resurfacing; DuPage County, IL - Resident Engineer responsible for an \$11.3 million project to widen and resurface Gary Avenue from North Avenue to Army Trail Road in Carol Stream. The two-lane roadway is home to commercial and industrial enterprises, as well as light and dense residential properties. The project included underground storm sewer, box culvert installation and extension, curb and gutter, sidewalk, pavement widening and resurfacing, block retaining walls, traffic signals and landscaping.

Barrington Road and Schaumburg Road; Village of Schaumburg, IL - Resident Engineer responsible for a \$6.5 million project to widen and resurface the intersection at Barrington and Schaumburg Roads. The highly commercial area is a gateway for shoppers and residential commuters. The project included installing new water main, underground storm sewer, curb and gutter and side-walk, pavement widening and resurfacing, lighting, traffic signals and extensive landscaping.

Short Street Bridge; Village of Lisle, IDOT - Resident Engineer for this \$1 million project that included complete removal and replacement of the existing bridge, a new storm sewer, HMA bike path, curb and gutter, sidewalk and landscaping restoration. The project also included placement of a form liner textured surface on the parapet walls with a concrete surface color treatment to resemble a rock wall. The RE coordinated placement of a mockup wall on site that was reviewed prior to beginning work on the parapet wall. Mark coordinated with the Village of Lisle to minimize major delays from an existing ComEd line running through the bridge saving the project both time and money.



Regional Engineer

Jose Rios, PE

Contract Number	District	Letting Date
61J14	1	04/26/24

Department of Transportation

Address

201 W. Center Court

City

Schaumburg

State

IL

Zip Code

60196

Municipality

DuPage County Division of Transportation

Route

FAU 1479 Warrenville Rd

County

DuPage

Project Number

26XM(359)

Job Number

C-91-175-15

Section Number

14-00124-04-BR

I consider the following individual to be qualified as a local public agency construction inspector. In addition, I certify that adequate instruction has been given this individual concerning the requirements of the contract, specifications and construction manual which pertain to the work which he/she will inspect. This individual has been instructed on the proper procedures for any necessary tests. Furthermore, if a consultant, this individual has a valid Documentation of Contract Quantities certification.

Approved

Signature and Title of Resident Construction Supervisor

Date

Signature on File

2/15/24

Applicants Name

Ben Pedrigi, PE

The following describes the educational background, experience and other qualifications of the named applicant to serve as an inspector on this project.

For Consultants Employees: Documentation of Contract Quantities certificate number is 23-20630

See attached resume.

If the Resident from BC-775 is a consultant, the local public agency employee in responsible charge must also approve this Individual.

Approved

Signature and Title of In Responsible Charge from BC-775

Date

Signature on File

2/15/2024

County Engineer / Acting Director of Div. of Transportation



BEN PEDRIGI, P.E.

Construction Inspector
Stanley Consultants
9 Years of Experience

Benjamin is a versatile engineer who excels in construction management and engineering design. His experience includes serving as a Resident Engineer on multiple projects, maintaining all project documentation and conducting construction inspections to ensure construction quality. He has performed and documented inspections on roadway rehabilitation projects, grading and drainage projects, as well as bridge erection projects. He has experience negotiating change orders, identifying potential conflicts, resolving conflicts in the field, preparing baseline schedules, preparing critical path calculations and conducting modeling.

PROJECT EXPERIENCE

Various Construction Services for Various Projects, DuPage County Division of Transportation - Resident Engineer that provided construction management services for the construction of five projects throughout DuPage County. Projects included the pavement reconstruction and signal improvements along the ring road at the DuPage County Campus, the construction of a 450 LF noise wall along I-355 north of Pleasant Lane to reduce traffic noise for DuPage County residents, traffic signal upgrades at 5 intersections throughout the County, traffic signal modernizations and interconnect along N. Gary Avenue between North Avenue and Geneva Road and pavement improvements to the County Fairgrounds parking facilities. Stanley managed all aspects of the construction project from preconstruction plan reviews through project closeout.

Monroe Street Bridge Reconstruction, Illinois Department of Transportation, IL - Assistant Resident Engineer/Inspector responsible for the construction services for the installation of a new bridge and retaining walls on Monroe Street, east of Halsted Street and west of Des Plaines Street. The bridge created additional space underneath the bridge along I-90/94 necessary for the future proposed I-90/94 mainline lanes, a Northbound I-90/94 Collector- Distributor (CD) road, and various entrance and exit ramps. A portion of the existing Southbound I-90/94 exit ramp to Monroe Street was also improved. Monroe Street Bridge features included sidewalks on both sides of the street, two lanes in each direction, and drainage and roadway lighting modifications.

Main Street Improvements, City of Evanston, Evanston, IL - Resident Engineer for a \$2.1 million corridor improvement and signal modernization project. Work on this project included pavement reconstruction between the MWRD Canal and Hartrey Avenue that included revised cross slopes and profile grades, traffic signal modernization, street lighting upgrades and commercial driveway reconstruction. Other items of construction included an upgraded and extended closed drainage system, curb and gutter, sidewalk, ADA ramps and landscaping.

Offner Road Bridge Replacement Over Forked Creek, Green Garden Road District, Will County Division of Transportation, Will County, IL - Resident Engineer for the replacement of an existing one lane cast in place PCC structure with a new two-lane structure consisting of new piles, concrete beams, deck and integral abutments. Other project features included under drains, guardrail, HMA pavement, and landscaping restoration.

Education

Bachelor of Science, Civil Engineering, University of Southern Illinois University-Carbondale

Professional Registrations

Civil Engineering IL: #062-074058

Specialized Training

Geotechnical Field Testing and Inspection (S-33)

Nuclear Density Training

ACI Level I

Understanding Specifications

Phase I Training

MUTCD Certification

Small Drainage Structures (S 46)

IDOT Documentation of Contract Quantities, #19-15221,

Laraway Road Box Culvert Replacement Over Hickory Creek, Will County Division of Transportation, Will County, IL - Assistant Resident Engineer for the replacement of a cast in place box culvert with a new larger 8' x 8' cast in place box culvert. Work also included construction and subsequent removal of temporary pavement to maintain traffic during staged construction, earthwork, striping, guardrail, and HMA pavement.

Howard Street Roadway Improvements; Village of Niles, IL - Assistant Resident Engineer for the Howard Street Rehabilitation Project in the Village of Niles, IL. This project included pavement widening, bridge repairs, lighting and traffic signal improvements. Also included specialty items, such as special cast-in-place and precast curbing to delineate bike paths, specialized signage for bike path and vehicular wayfinding, and the installation of a block retaining wall.

159th Street Widening and Reconstruction from I-355 to Will Cook Road, Illinois Department of Transportation, IL - Field Engineer responsible for the inspection of all installed drainage structures to ensure they met IDOT specifications. Accurately documented trench backfill of each structure for precise payment. Stanley Consultants provided construction engineering management services for this roadway reconstruction and widening project on IL Route 7 and related crossroads. The improvement includes the installation of proposed storm sewer, pipe culverts, precast box culverts, three retaining walls, two pile-supported embankments, traffic signals, and collateral work necessary to complete the project as shown in the plans. The engineer's estimate for this project is \$66 million.

Arsenal-Manhattan Road (IL-53 to IL-52) Resurfacing, Will County Division of Transportation, Will County, IL - Resident Engineer for project that also included replacing existing cross culverts, milling, and detector loop replacement. Responsible for the on-site inspection and record keeping of daily construction activities, construction layout, measurement and documentation of daily quantities, quality assurance of work performed by the contractor. Completed and processed all documentation including extra work order and pay estimates.

West River Road (IL-53 to IL-113) Resurfacing, Will County Division of Transportation, Will County, IL - Resident Engineer responsible for record-keeping of daily construction activities, construction layout, measurement and documentation of daily quantities, and quality assurance of work performed by the contractor. Completed and processed all documentation including extra work order and pay estimates.

Wilton-Center Road (IL-52 to Wilmington-Peotone Road), Will County Division of Transportation, Will County, IL - Resident Engineer for project that also included replacing existing cross culverts. Responsible for the on-site inspection and record keeping of daily construction activities, construction layout, measurement and documentation of daily quantities, quality assurance of work performed by the contractor. Completed and processed all documentation including extra work order and pay estimates.

Various CS, APEX Consulting Engineers, LLC, Chicago, IL - Field Engineer responsible for the inspection services for the resurfacing of both IL-31 and IL-25. I also inspected each sidewalk transition to ensure they meet A.D.A. specifications. Completed IDRs for all pay items used throughout each project.

District 1 U.S. 45 - IL 60 to IL 22 PS&E, Illinois Department of Transportation, District 1, Schaumburg, IL - Design Engineer responsible for the design services for all A.D.A. sidewalk and multi-use paths transitions that feed into traffic for both the 62C16 and the 60N84 contracts. Also was responsible for the quantity calculations for the pavement markings for each stage of the 62c16 contract. Stanley Consultants is providing phase II engineering services for the preparation of plans, specifications and cost estimates for the widening and reconstruction of US 45, from one lane in each direction to two lanes in each direction separated by a median from north of Illinois 60 to south of Illinois 22. The improvement is located within the municipalities of Vernon Hills, Lincolnshire and Mundelein. The proposed improvement includes three segments of US 45 that are the north-south segment of US Route 45/ Illinois 83 from south of US Route 45 to north of Illinois 60 for an approximate length of 3,427 feet or 0.65 miles, the east-west segment of US Route 45 from west of Illinois 83/US Route 45 to US Route 45/ Illinois Route 21 for an approximate length of 21,962 feet or 4.16 miles and north-south segment of US Route 45/ Illinois Route 21 from south of Marriott Drive (south of Illinois Route 22) to north of Port Clinton Road for an approximate length of 6,036 feet or 1.14 miles. Also included is traffic signal modernization for fourteen intersections including an intersection that will be interconnected with a railroad controller. Structure work includes the replacement of the US 45\IL 21 bridge over Indian Creek, replacement of the US 45 and Illinois 60 structures over Diamond Lake Drain, replacement of the US 45 structure over Seavey Ditch and 25 retaining walls. The estimated construction cost of the improvement is \$61 million.

**ADDENDA #1
TO CONSTRUCTION ENGINEERING SERVICES AGREEMENT
FOR FEDERAL PARTICIPATION**

1.0 CONSULTANT'S INSURANCE

1.1 The CONSULTANT shall maintain, at its sole expense, insurance coverage including:

1.1.a **Worker's Compensation Insurance** in the statutory amounts.

1.1.b **Employer's Liability Insurance** in an amount not less than one million dollars (\$1,000,000.00) each accident/injury and one million dollars (\$1,000,000.00) each employee/disease.

1.1.c **Commercial (Comprehensive) General Liability Insurance**, (including contractual liability) with a limit of not less than three million dollars (\$3,000,000.00) aggregate; including limits of not less than two million dollars (\$2,000,000.00) per occurrence, and one million dollars (\$1,000,000.00) excess liability. **An Endorsement must also be provided naming the County of DuPage c/o the Director of Transportation/County Engineer, DuPage County Division of Transportation, its' Officers, Elected Officials and employees, 421 N. County Farm Rd., Wheaton, IL 60187, as an additional insured. This additional insured endorsement is to be on a primary and non-contributory basis and include a waiver of subrogation endorsement.**

1.1.d **Commercial (Comprehensive) Automobile Liability Insurance** with minimum limits of at least one million dollars (\$1,000,000.00) for any one person and one million dollars (\$1,000,000.00) for any one occurrence of death, bodily injury or property damage in the aggregate annually. **An Endorsement must also be provided naming the County of DuPage c/o the Director of Transportation/County Engineer, DuPage County Division of Transportation, its' Officers, Elected Officials and employees, 421 N. County Farm Rd., Wheaton, IL 60187, as an additional insured. This additional insured endorsement is to be on a primary and non-contributory basis and include a waiver of subrogation endorsement.**

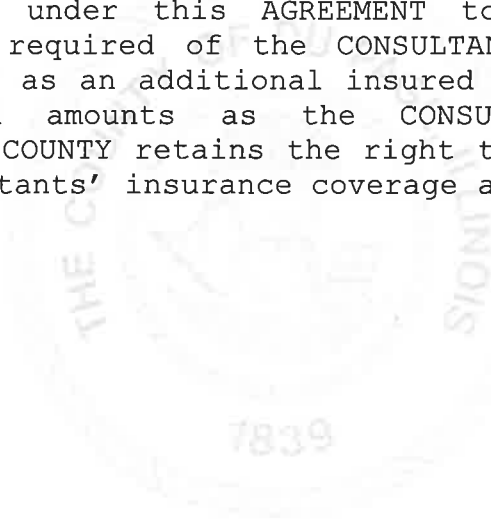
1.1.e **Professional Liability Insurance (Errors and Omissions)** shall be provided with minimum limits of at least one million dollars (\$1,000,000.00) per incident/two million dollars (\$2,000,000.00) aggregate during the term of this AGREEMENT and shall be maintained in the form of an additional endorsement for a period of four (4) years after the date of the final payment for this AGREEMENT. The CONSULTANT shall provide the COUNTY endorsements at the beginning of each year evidencing same or a new carrier policy that has a retroactive date prior to the date of this AGREEMENT.

1.2 It shall be the duty of the CONSULTANT to provide to the COUNTY copies of the CONSULTANT'S Certificates of Insurance, as well as all applicable coverage and cancellation endorsements before issuance of a Notice to Proceed. It is the further duty of the CONSULTANT to immediately notify the COUNTY if any insurance required under this AGREEMENT has been cancelled, materially changed, or renewal has been refused, and the CONSULTANT shall immediately suspend all work in progress and take the necessary steps to purchase, maintain and provide the required insurance coverage. If a suspension of work should occur due to insurance requirements, upon verification by the COUNTY of the CONSULTANT curing any breach of its required insurance coverage, the COUNTY shall notify the CONSULTANT that the CONSULTANT can resume work under this AGREEMENT. The CONSULTANT shall accept and bear all costs that may result from the cancellation of this AGREEMENT due to CONSULTANT'S failure to provide and maintain the required insurance.

1.3 The coverage limits required under subparagraphs 1.1.c and 1.1.d above may be satisfied through a combination of primary and excess coverage. The insurance required to be purchased and maintained by the CONSULTANT shall be provided by an insurance company acceptable to the COUNTY, and except for the insurance required in subparagraph 1.1.e licensed to do business in the State of Illinois; and shall include at least the specific coverage and be written for not less than the limits of the liability specified herein or required by law or regulation whichever is greater; and shall be so endorsed that the coverage afforded will not be canceled or materially changed until at least thirty (30) days prior written notice has been given to the COUNTY except for

cancellation due to non-payment of premium for which at least fifteen (15) days prior written notice (five days allowed for mailing time) has been given to the COUNTY. If the CONSULTANT is satisfying insurance required through a combination of primary and excess coverage, the CONSULTANT shall require that said excess/umbrella liability policy include in the "Who is Insured" pages of the excess/umbrella policy wording such as "Any other person or organization you have agreed in a written contract to provide additional insurance" or wording to that effect. The CONSULTANT shall provide a copy of said section of the excess/umbrella liability policy upon request by the COUNTY.

- 1.4 The CONSULTANT shall require all approved sub-consultants, anyone directly or indirectly employed by any of them, or by anyone for whose acts any of them may be liable under this AGREEMENT to maintain the same insurance required of the CONSULTANT, including naming the COUNTY as an additional insured in the same coverage types and amounts as the CONSULTANT, per Section 1.0. The COUNTY retains the right to obtain evidence of sub-consultants' insurance coverage at any time.



**ADDENDA #2
TO CONSTRUCTION ENGINEERING SERVICES
AGREEMENT FOR FEDERAL PARTICIPATION**

If any provisions in this AGREEMENT conflict with this ADDENDA #2, the terms of this ADDENDA #2 shall control.

The ENGINEER acknowledges that this AGREEMENT includes federal participation and upon audit of this AGREEMENT by the STATE, the ENGINEER agrees to be bound by the STATE's audited maximum allowable amount, even if Notice to Proceed, has already been given, and the ENGINEER will not invoice the LA in excess of said amount.

All invoices to the LA shall include a remittance address. Each invoice shall be submitted on IDOT's Bureau of Design & Environment (BDE) invoice form that is applicable to the fee structure of this AGREEMENT or alternative format if agreed to in advance by the LA. Non-exempt employees are eligible for overtime compensation with proof of non-exempt status. Each invoice shall also include information referenced in paragraph 6. of BLR 05611 and a progress report that describes work completed for the invoice period, anticipated work for the next invoice period, outstanding issues or items that require a response, whether the work is progressing according to the approved schedule, and a discussion of the budget status. The ENGINEER shall be required to submit a monthly progress report to the LA even if a monthly invoice is not submitted to the LA.