

11/8/2013

66-R-13

A RESOLUTION

Authorizing the City Manager to execute the Local Agency Agreement with the Illinois Department of Transportation, and the Preliminary Engineering Services Agreement with Hampton, Lenzini and Renwick, Inc., for Federal Participation in Phase II Engineering of the Dempster Street Traffic Signal Upgrade and Coordination Project

WHEREAS, the City of Evanston and the Illinois Department of Transportation (hereinafter "IDOT"), in the interest to promote safe and efficient roadway system, are desirous of undertaking the Preliminary Engineering services to upgrade and coordinate the traffic signals on Dempster Street (see map, attached hereto as Exhibit A, said services to be identified as State Section: 12-00262-00-TL, State Job: D-91-467-12, and Project Number: CMM-4003(047) and hereinafter referred to as the "Project"; and

WHEREAS, the parties hereto are desirous of said Project in that same will be of immediate benefit to the residents of the area and will be permanent in nature; and

WHEREAS, the State of Illinois and the City of Evanston wish to avail themselves of Federal funds committed to improve this Project; and

WHEREAS, the City would like to enter into an Agreement with consultants Hampton, Lenzini and Renwick, Inc., to provide preliminary engineering services; and

WHEREAS, the City Council of the City of Evanston has determined it is in the best interests of the City to enter into said Agreements,

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF EVANSTON, COOK COUNTY, ILLINOIS:

SECTION 1: That the City Manager is hereby authorized to execute and the City Clerk hereby authorized to attest to the Local Agency Agreement made with the Illinois Department of Transportation, attached hereto as Exhibit B, and the Preliminary Engineering Services with Hamtpton, Lenzi and Renwick, Inc., attached hereto as Exhibit C, and all made a part hereof.

SECTION 2: That the City Manager is hereby authorized and directed to negotiate any additional conditions of the Agreements as may be determined to be in the best interests of the City.

SECTION 3: That this Resolution 66-R-13 shall be in full force and effect from and after its passage and approval in the manner provided by law.


Elizabeth B. Tisdahl, Mayor

Attest:

Rodney Greene, City Clerk

Adopted: November 25, 2013

EXHIBIT A

Project Location Map

EXHIBIT B

Local Agency Agreement for Federal Participation

 Illinois Department of Transportation Local Agency Agreement for Federal Participation	Local Agency City of Evanston	State Contract	Day Labor	Local Contract X	RR Force Account
	Section 12-00262-00-TL	Fund Type CMAQ	ITEP and/or SRTS Number		
Construction		Engineering		Right-of-Way	
Job Number	Project Number	Job Number	Project Number	Job Number	Project Number
		D-91-467-12	CMM-4003(047)		

This Agreement is made and entered into between the above local agency hereinafter referred to as the "LA" and the state of Illinois, acting by and through its Department of Transportation, hereinafter referred to as "STATE". The STATE and LA jointly propose to improve the designated location as described below. The improvement shall be constructed in accordance with plans approved by the STATE and the STATE's policies and procedures approved and/or required by the Federal Highway Administration hereinafter referred to as "FHWA".

Location

Local Name Dempster Street Route FAU 3727 Length 1.0 mile

Termini Fowler Avenue to Ridge Avenue

Current Jurisdiction STATE Existing Structure No N/A

Project Description

Phase II Preliminary Engineering for the modernization and interconnection of traffic signals at the intersections of Dempster Street with Fowler Avenue, Hartrey Avenue, Evanston Plaza and Dodge Avenue and to update signal controllers and pedestrian signals at the intersections with Asbury Avenue and Ridge Avenue.

Division of Cost

Type of Work	CMAQ	%	STATE	%	LA	%	Total
Participating Construction		()		()		()	
Non-Participating Construction		()		()		()	
Preliminary Engineering	51,000	(*)		()	17,122	(BAL)	68,122
Construction Engineering		()		()		()	
Right of Way		()		()		()	
Railroads		()		()		()	
Utilities		()		()		()	
Materials		()		()		()	
TOTAL	\$ 51,000		\$		\$ 17,122		\$ 68,122

*Maximum FHWA (CMAQ) participation 80% not to exceed \$51,000.

NOTE: The costs shown in the Division of Cost table are approximate and subject to change. The final LA share is dependent on the final Federal and State participation. The actual costs will be used in the final division of cost for billing and reimbursement.
If funding is not a percentage of the total, place an asterisk in the space provided for the percentage and explain above.

Local Agency Appropriation

By execution of this Agreement, the LA is indicating sufficient funds have been set aside to cover the local share of the project cost and additional funds will be appropriated, if required, to cover the LA's total cost.

Method of Financing (State Contract Work)

METHOD A—Lump Sum (80% of LA Obligation) _____
 METHOD B— _____ Monthly Payments of _____
 METHOD C—LA's Share _____ divided by estimated total cost multiplied by actual progress payment.

(See page two for details of the above methods and the financing of Day Labor and Local Contracts)

Agreement Provisions

THE LA AGREES:

- (1) To acquire in its name, or in the name of the state if on the state highway system, all right-of-way necessary for this project in accordance with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, and established state policies and procedures. Prior to advertising for bids, the **LA** shall certify to the **STATE** that all requirements of Titles II and III of said Uniform Act have been satisfied. The disposition of encroachments, if any, will be cooperatively determined by representatives of the **LA**, and **STATE** and the **FHWA**, if required.
- (2) To provide for all utility adjustments, and to regulate the use of the right-of-way of this improvement by utilities, public and private, in accordance with the current Utility Accommodation Policy for Local Agency Highway and Street Systems.
- (3) To provide for surveys and the preparation of plans for the proposed improvement and engineering supervision during construction of the proposed improvement.
- (4) To retain jurisdiction of the completed improvement unless specified otherwise by addendum (addendum should be accompanied by a location map). If the improvement location is currently under road district jurisdiction, an addendum is required.
- (5) To maintain or cause to be maintained, in a manner satisfactory to the **STATE** and **FHWA**, the completed improvement, or that portion of the completed improvement within its jurisdiction as established by addendum referred to in item 4 above.
- (6) To comply with all applicable Executive Orders and Federal Highway Acts pursuant to the Equal Employment Opportunity and Nondiscrimination Regulations required by the U.S. Department of Transportation.
- (7) To maintain, for a minimum of 3 years after the completion of the contract, adequate books, records and supporting documents to verify the amounts, 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; and the **LA** agrees to cooperate fully with any audit conducted by the Auditor General and the department; 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 **STATE** for the recovery of any funds paid by the **STATE** under the contract for which adequate books, records and supporting documentation are not available to support their purported disbursement.
- (8) To provide if required, for the improvement of any railroad-highway grade crossing and rail crossing protection within the limits of the proposed improvement.
- (9) To comply with Federal requirements or possibly lose (partial or total) Federal participation as determined by the **FHWA**.
- (10) (State Contracts Only) That the method of payment designated on page one will be as follows:
 - Method A - Lump Sum Payment. Upon award of the contract for this improvement, the **LA** will pay to the **STATE**, in lump sum, an amount equal to 80% of the **LA**'s estimated obligation incurred under this Agreement, and will pay to the **STATE** the remainder of the **LA**'s obligation (including any nonparticipating costs) in a lump sum, upon completion of the project based upon final costs.
 - Method B - Monthly Payments. Upon award of the contract for this improvement, the **LA** will pay to the **STATE**, a specified amount each month for an estimated period of months, or until 80% of the **LA**'s estimated obligation under the provisions of the Agreement has been paid, and will pay to the **STATE** the remainder of the **LA**'s obligation (including any nonparticipating costs) in a lump sum, upon completion of the project based upon final costs.
 - Method C - Progress Payments. Upon receipt of the contractor's first and subsequent progressive bills for this improvement, the **LA** will pay to the **STATE**, an amount equal to the **LA**'s share of the construction cost divided by the estimated total cost, multiplied by the actual payment (appropriately adjusted for nonparticipating costs) made to the contractor until the entire obligation incurred under this Agreement has been paid.
- (11) (Day Labor or Local Contracts) To provide or cause to be provided all of the initial funding, equipment, labor, material and services necessary to construct the complete project.
- (12) (Preliminary Engineering) In the event that right-of-way acquisition for, or actual construction of the project for which this preliminary engineering is undertaken with Federal participation is not started by the close of the tenth fiscal year following the fiscal year in which this agreement is executed, the **LA** will repay the **STATE** any Federal funds received under the terms of this Agreement.
- (13) (Right-of-Way Acquisition) In the event that the actual construction of the project on this right-of-way is not undertaken by the close of the twentieth fiscal year following the fiscal year in which this Agreement is executed, the **LA** will repay the **STATE** any Federal Funds received under the terms of this Agreement.

- (14) (Railroad Related Work Only) The estimates and general layout plans for at-grade crossing improvements should be forwarded to the Rail Safety and Project Engineer, Room 204, Illinois Department of Transportation, 2300 South Dirksen Parkway, Springfield, Illinois, 62764. Approval of the estimates and general layout plans should be obtained prior to the commencement of railroad related work. All railroad related work is also subject to approval by the Illinois Commerce Commission (ICC). Final inspection for railroad related work should be coordinated through appropriate IDOT District Bureau of Local Roads and Streets office.
- Plans and preemption times for signal related work that will be interconnected with traffic signals shall be submitted to the ICC for review and approval prior to the commencement of work. Signal related work involving interconnects with state maintained traffic signals should also be coordinated with the IDOT's District Bureau of Operations.
- The LA is responsible for the payment of the railroad related expenses in accordance with the LA/railroad agreement prior to requesting reimbursement from IDOT. Requests for reimbursement should be sent to the appropriate IDOT District Bureau of Local Roads and Streets office.
- Engineer's Payment Estimates in accordance with the Division of Cost on page one.
- (15) And certifies to the best of its knowledge and belief its officials:
- (a) are not presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any Federal department or agency;
 - (b) have 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 a criminal offense in connection with obtaining, attempting to obtain or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements receiving stolen property;
 - (c) are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, local) with commission of any of the offenses enumerated in item (b) of this certification; and
 - (d) have not within a three-year period preceding the Agreement had one or more public transactions (Federal, State, local) terminated for cause or default.
- (16) To include the certifications, listed in item 15 above and all other certifications required by State statutes, in every contract, including procurement of materials and leases of equipment.
- (17) (State Contracts) That execution of this agreement constitutes the LA's concurrence in the award of the construction contract to the responsible low bidder as determined by the STATE.
- (18) That for agreements exceeding \$100,000 in federal funds, execution of this Agreement constitutes the LA's certification that:
- (a) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress or any employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any cooperative agreement, and the extension, continuation, renewal, amendment or modification of any Federal contract, grant, loan or cooperative agreement;
 - (b) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress or an employee of a Member of Congress, in connection with this Federal contract, grant, loan or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying", in accordance with its instructions;
 - (c) The LA shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants and contracts under grants, loans and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.
- (19) To regulate parking and traffic in accordance with the approved project report.
- (20) To regulate encroachments on public right-of-way in accordance with current Illinois Compiled Statutes.
- (21) To regulate the discharge of sanitary sewage into any storm water drainage system constructed with this improvement in accordance with current Illinois Compiled Statutes.
- (22) That the LA may invoice the STATE monthly for the FHWA and/or STATE share of the costs incurred for this phase of the improvement. The LA will submit supporting documentation with each request for reimbursement from the STATE. Supporting documentation is defined as verification of payment, certified time sheets, vendor invoices, vendor receipts, and other documentation supporting the requested reimbursement amount.
- (23) To complete this phase of the project within three years from the date this agreement is approved by the STATE if this portion of the project described in the Project Description does not exceed \$1,000,000 (five years if the project costs exceed \$1,000,000).
- (24) Upon completion of this phase of the improvement, the LA will submit to the STATE a complete and detailed final invoice with all applicable supporting supporting documentation of all incurred costs, less previous payments, no later than one year from the date of completion of this phase of the improvement. If a final invoice is not received within one year of completion of this phase of the improvement, the most recent invoice may be considered the final invoice and the obligation of the funds closed.

- (25) (Single Audit Requirements) That if the LA expends \$500,000 or more a year in federal financial assistance they shall have an audit made in accordance with the Office of Management and Budget (OMB) Circular No. A-133. LA's that expend less than \$500,000 a year shall be exempt from compliance. A copy of the audit report must be submitted to the STATE with 30 days after the completion of the audit, but no later than one year after the end of the LA's fiscal year. The CFDA number for all highway planning and construction activities is 20.205.
- (26) That the LA is required to register with the Central Contractor Registration (CCR), which is a web-enabled government-wide application that collects, validates, stores, and disseminates business information about the federal government's trading partners in support of the contract award and the electronic payment processes. If you do not have a CCR number, you must register at <https://www.uscontractorregistration.com>. If the LA, as a sub-recipient of a federal funding, receives an amount equal to or greater than \$25,000 (or which equals or exceeds that amount by addition of subsequent funds), this agreement is subject to the following award terms: <http://edocket.access.gpo.gov/2010/pdf/2010-22705.pdf> and <http://edocket.access.gpo.gov/2010/pdf/2010-22706.pdf>.

THE STATE AGREES:

- (1) To provide such guidance, assistance and supervision and to monitor and perform audits to the extent necessary to assure validity of the LA's certification of compliance with Titles II and III requirements.
- (2) (State Contracts) To receive bids for the construction of the proposed improvement when the plans have been approved by the STATE (and FHWA, if required) and to award a contract for construction of the proposed improvement, after receipt of a satisfactory bid.
- (3) (Day Labor) To authorize the LA to proceed with the construction of the improvement when Agreed Unit Prices are approved and to reimburse the LA for that portion of the cost payable from Federal and/or State funds based on the Agreed Unit Prices and Engineer's Payment Estimates in accordance with the Division of Cost on page one.
- (4) (Local Contracts) That for agreements with Federal and/or State funds in engineering, right-of-way, utility work and/or construction work:
- (a) To reimburse the LA for the Federal and/or State share on the basis of periodic billings, provided said billings contain sufficient cost information and show evidence of payment by the LA;
 - (b) To provide independent assurance sampling, to furnish off-site material inspection and testing at sources normally visited by STATE inspectors of steel, cement, aggregate, structural steel and other materials customarily tested by the STATE.

IT IS MUTUALLY AGREED:

- (1) Construction of the project will utilize domestic steel as required by Section 106.01 of the current edition of the Standard Specifications for Road and Bridge Construction.
- (2) That this Agreement and the covenants contained herein shall become null and void in the event that the FHWA does not approve the proposed improvement for Federal-aid participation or the contract covering the construction work contemplated herein is not awarded within three years of the date of execution of this Agreement.
- (3) This Agreement shall be binding upon the parties, their successors and assigns.
- (4) For contracts awarded by the LA, the LA shall not discriminate on the basis of race, color, national origin or sex in the award and performance of any USDOT – assisted contract or in the administration of its DBE program or the requirements of 49 CFR part 26. The LA shall take all necessary and reasonable steps under 49 CFR part 26 to ensure nondiscrimination in the award and administration of USDOT – assisted contracts. The LA's DBE program, as required by 49 CFR part 26 and as approved by USDOT, is incorporated by reference in 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.). In the absence of a USDOT – approved LA DBE Program or on State awarded contracts, this Agreement shall be administered under the provisions of the STATE's USDOT approved Disadvantaged Business Enterprise Program.
- (5) In cases where the STATE is reimbursing the LA, obligations of the STATE shall cease immediately without penalty or further payment being required if, in any fiscal year, the Illinois General Assembly or applicable Federal Funding source fails to appropriate or otherwise make available funds for the work contemplated herein.
- (6) All projects for the construction of fixed works which are financed in whole or in part with funds provided by this Agreement and/or amendment shall be subject to the Prevailing Wage Act (820 ILCS 130/0.01 et seq.) unless the provisions of that Act exempt its application

ADDENDA

Additional information and/or stipulations are hereby attached and identified below as being a part of this Agreement.

Number 1 Location Map

(Insert addendum numbers and titles as applicable)

The LA further agrees, as a condition of payment, that it accepts and will comply with the applicable provisions set forth in this Agreement and all exhibits indicated above.

APPROVED

Local Agency

Wally Bobkiewicz

Name of Official (Print or Type Name)

City Manager

Title (County Board Chairperson/Mayor/Village President/etc.)

(Signature)

Date

The above signature certifies the agency's TIN number is
36-6005870 conducting business as a Governmental
Entity.

DUNS Number 074390907

APPROVED

State of Illinois
Department of Transportation

Ann L. Schneider, Secretary of Transportation

Date

By:

Aaron A. Weatherholt, Deputy Director of Highways

Date

Omer Osman, Director of Highways/Chief Engineer

Date

Michael A. Forti, Chief Counsel

Date

Tony Small, Acting Director of Finance and Administration

Date

NOTE: If signature is by an APPOINTED official, a resolution authorizing said appointed official to execute this agreement is required.

EXHIBIT C

Preliminary Engineering Services Agreement for Federal Participation

Local Agency City of Evanston	L O C A L A G E N C Y	 Illinois Department of Transportation	C O N S U L T A N T	Consultant Hampton, Lenzini and Renwick, Inc.
County Cook				Address 380 Shepard Drive
Section 12-00262-00-TL				City Elgin
Project No. CMM-4003(047)				State IL
Job No. D-91-467-12				Zip Code 60123
Contact Name/Phone/E-mail Address Rajeev Dahal 847-448-8159 RDahal@cityofevanston.org				Contact Name/Phone/E-mail Address Diane Lukas 847-697-6700 DLukas@hlreng.com

**Preliminary Engineering
Services Agreement
For
Federal Participation**

THIS AGREEMENT is made and entered into this _____ day of _____, _____ between the above Local Agency (LA) and Consultant (ENGINEER) and covers certain professional engineering services in connection with the PROJECT. Federal-aid funds allotted to the LA by the state of Illinois under the general supervision of the Illinois Department of Transportation (STATE) will be used entirely or in part to finance engineering services as described under AGREEMENT PROVISIONS.

Project Description

Name Dempster Street Route FAU 3727 Length 1 mile Structure No. n/a
Termini From Fowler Avenue to Ridge Avenue

Description Phase II / Design Engineering to modernize and interconnect traffic signals at intersections with Fowler Avenue, Hartrey Avenue, Evanston Plaza and Dodge Avenue. Update signal controllers and pedestrian signals at intersections with Asbury Avenue and Ridge Avenue.

Agreement Provisions

I. THE ENGINEER AGREES,

1. To perform or be responsible for the performance, in accordance with STATE approved design standards and policies, of engineering services for the LA for the proposed improvement herein described.
2. To attend any and all meetings and visit the site of the proposed improvement at any reasonable time when requested by representatives of the LA or STATE.
3. To complete the services herein described within 365 calendar days from the date of the Notice to Proceed from the LA, excluding from consideration periods of delay caused by circumstances beyond the control of the ENGINEER.
4. The classifications of the employees used in the work should be consistent with the employee classifications and estimated man-hours shown in EXHIBIT A. If higher-salaried personnel of the firm, including the Principal Engineer, perform services that are indicated in Exhibit A 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.
5. That the ENGINEER is qualified technically and is entirely 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 herein.
6. That the ENGINEER shall be responsible for the accuracy of the work and shall promptly make necessary revisions or corrections resulting from the ENGINEER's errors, omissions or negligent acts without additional compensation. Acceptance of work by the STATE will not relieve the ENGINEER of the responsibility to make subsequent correction of any such errors or omissions or for clarification of any ambiguities.
7. That all plans and other documents furnished by the ENGINEER pursuant to this AGREEMENT will be endorsed by the ENGINEER and will affix the ENGINEER's professional seal when such seal is required by law. Plans for structures to be built as a part of the improvement will be prepared under the supervision of a registered structural engineer and will affix structural engineer seal when such seal is required by law. 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.
8. That the ENGINEER will comply with applicable federal statutes, state of Illinois statutes, and local laws or ordinances of the LA.

9. The undersigned certifies neither the ENGINEER nor I have:

- a. 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 me or the above ENGINEER) to solicit or secure this AGREEMENT,
- b. 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. paid, or agreed to pay any firm, organization or person (other than a bona fide employee working solely for me or the above ENGINEER) any fee, contribution, donation or consideration of any kind for, or in connection with, procuring or carrying out the AGREEMENT.
- d. are not presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any Federal department or agency,
- e. have 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 indicted 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. have not within a three-year period preceding this AGREEMENT had one or more public transactions (Federal, State or local) terminated for cause or default.

10. To pay its subconsultants for satisfactory performance no later than 30 days from receipt of each payment from the LA.

11. To submit all invoices to the LA within one year of the completion of the work called for in this AGREEMENT or any subsequent Amendment or Supplement.

12. To submit BLR 05613, Engineering Payment Report, to the STATE upon completion of the project (Exhibit B).

13. Scope of Services to be provided by the ENGINEER: **SEE EXHIBIT C FOR DETAILED SCOPE OF WORK**

- Make such detailed surveys as are necessary for the planning and design of the PROJECT.
- Make stream and flood plain hydraulic surveys and gather both existing bridge upstream and downstream high water data and flood flow histories.
- Prepare applications for U.S. Army Corps of Engineers Permit, Illinois Department of Natural Resources Office of Water Resources Permit and Illinois Environmental Protection Agency Section 404 Water Quality Certification.
- Design and/or approve cofferdams and superstructure shop drawings.
- Prepare Bridge Condition Report and Preliminary Bridge Design and Hydraulic Report, (including economic analysis of bridge or culvert types and high water effects on roadway overflows and bridge approaches).
- Prepare the necessary environmental and planning documents including the Project Development Report, Environmental Class of Action Determination or Environmental Assessment, State Clearinghouse, Substate Clearinghouse and all necessary environmental clearances.
- Make such soil surveys or subsurface investigations including borings and soil profiles as may be required to furnish sufficient data for the design of the proposed improvement. Such investigations to be made in accordance with the current Standard Specifications for Road and Bridge Construction, Bureau of Local Roads and Streets Administrative Policies, Federal-Aid Procedures for Local Highway Improvements or any other applicable requirements of the STATE.
- Analyze and evaluate the soil surveys and structure borings to determine the roadway structural design and bridge foundation.
- Prepare preliminary roadway and drainage structure plans and meet with representatives of the LA and STATE at the site of the improvement for review of plans prior to the establishment of final vertical and horizontal alignment, location and size of drainage structures, and compliance with applicable design requirements and policies.
- Make or cause to be made such traffic studies and counts and special intersection studies as may be required to furnish sufficient data for the design of the proposed improvement.
- Complete the general and detailed plans, special provisions and estimate of cost. Contract plans shall be prepared in accordance with the guidelines contained in the Bureau of Local Roads and Streets manual. The special provisions and detailed estimate of cost shall be furnished in quadruplicate.
- Furnish the LA with survey and drafts in quadruplicate all necessary right-of-way dedications, construction easements and borrow pit and channel change agreements including prints of the corresponding plats and staking as required.

II. THE LA AGREES,

- 1. To furnish the ENGINEER all presently available survey data and information
- 2. To pay the ENGINEER as compensation for all services rendered in accordance with this AGREEMENT, on the basis of the following compensation formulas:

Cost Plus Fixed Fee CPFF = 14.5%[DL + R(DL) + OH(DL) + IHDC], or
 CPFF = 14.5%[DL + R(DL) + 1.4(DL) + IHDC], or
 CPFF = 14.5%[(2.3 + R)DL + IHDC]

Where: DL = Direct Labor
 IHDC = In House Direct Costs
 OH = Consultant Firm's Actual Overhead Factor
 R = Complexity Factor

Specific Rate (Pay per element)

Lump Sum _____

- 3. To pay the ENGINEER using one of the following methods as required by 49 CFR part 26 and 605 ILCS 5/5-409:

With Retainage

- a) **For the first 50% of completed work**, and upon receipt of monthly invoices from the ENGINEER and the approval thereof by the LA, monthly payments for the work performed shall be due and payable to the ENGINEER, such payments to be equal to 90% of the value of the partially completed work minus all previous partial payments made to the ENGINEER.
- b) **After 50% of the work is completed**, and upon receipt of monthly invoices from the ENGINEER and the approval thereof by the LA, monthly payments covering work performed shall be due and payable to the ENGINEER, such payments to be equal to 95% of the value of the partially completed work minus all previous partial payments made to the ENGINEER.
- c) **Final Payment** – Upon approval of the work by the LA but not later than 60 days after the work is completed and reports have been made and accepted by the LA and the STATE, a sum of money equal to the basic fee as determined in this AGREEMENT less the total of the amounts of partial payments previously paid to the ENGINEER shall be due and payable to the ENGINEER.

Without Retainage

- a) **For progressive payments** – Upon receipt of monthly invoices from the ENGINEER and the approval thereof by the LA, 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 LA but not later than 60 days after the work is completed and reports have been made and accepted by the LA and STATE, a sum of money equal to the basic fee as determined in this AGREEMENT less the total of the amounts of partial payments previously paid to the ENGINEER shall be due and payable to the ENGINEER.

- 4. The recipient shall not discriminate on the basis of race, color, national origin or sex in the award and performance of any 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 DOT-assisted contracts. The recipient's DBE program, as required by 49 CFR part 26 and as approved by 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 (31U.S.C. 3801 et seq.).

III. IT IS MUTALLY AGREED,

- 1. That no work shall be commenced by the ENGINEER prior to issuance by the LA of a written Notice to Proceed.
- 2. That tracings, 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 LA and that basic survey notes, sketches, charts and other data prepared or obtained in accordance with this AGREEMENT shall be made available, upon request, to the LA or to the STATE, without restriction or limitation as to their use.

3. That all reports, plans, estimates and special provisions furnished by the ENGINEER shall be in accordance with the current Standard Specifications for Road and Bridge Construction, Bureau of Local Roads and Streets Administrative Policies, Federal-Aid Procedures for Local Highway Improvements or any other applicable requirements of the STATE, it being understood that all such furnished documents shall be approved by the LA and the STATE 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.
4. 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 LA. 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.
5. To maintain, for a minimum of 3 years after the completion of the contract, adequate books, records and supporting documents to verify the amounts, 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 STATE; 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 STATE for the recovery of any funds paid by the STATE under the contract for which adequate books, records and supporting documentation are not available to support their purported disbursement.
6. The payment by the LA in accordance with numbered paragraph 3 of Section II will be considered payment in full for all services rendered in accordance with this AGREEMENT whether or not they be actually enumerated in this AGREEMENT.
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 save harmless the LA, the STATE, and their officers, agents and employees from all suits, claims, actions or damages of any nature whatsoever resulting there from. These indemnities shall not be limited by the listing of any insurance policy.
8. This AGREEMENT may be terminated by the LA 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 LA 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 LA. The LA will be responsible for reimbursement of all eligible expenses to date of the written notice of termination.
9. This certification is required by the Drug Free Workplace Act (30ILCS 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 State 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 State for at least one (1) year but no more than five (5) years.

For the purpose of this certification, "grantee" or "contractor" means a corporation, partnership or other 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 a contract or grant of \$5,000 or more from the State, as defined in 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 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 of maintaining 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 by,
- 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.
- g. Making a good faith effort to continue to maintain a drug free workplace through implementation of the Drug Free Workplace Act.

Exhibit A - Preliminary Engineering

Route: Dempster Street (Fowler to Ridge)
 Local Agency: City of Evnaston
 (Municipality/Township/County)
 Section: 12-0262-00-TL
 Project: CMM-4003(047)
 Job No.: D-91-476-12

*Firm's approved rates on file with IDOT'S Bureau of Accounting and Auditing:

Overhead Rate (OH) 147.13 %
 Complexity Factor (R) 0.00
 Calendar Days 365

Method of Compensation:

Cost Plus Fixed Fee 1 14.5%[DL + R(DL) + OH(DL) + IHDC]
 Cost Plus Fixed Fee 2 14.5%[DL + R(DL) + 1.4(DL) + IHDC]
 Cost Plus Fixed Fee 3 14.5%[(2.3 + R)DL + IHDC]
 Specific Rate
 Lump Sum

Cost Estimate of Consultant's Services in Dollars

Element of Work	Employee Classification	Man-Hours	Payroll Rate	Payroll Costs (DL)	Overhead*	Services by Others	In-House Direct Costs (IHDC)	Profit	Total
Start-up and Coord.	Eng. Specialist	20.00	\$52.12	\$1,042.40	\$1,533.68	\$0.00	\$0.00	\$373.53	\$2,949.61
Start-up and Coord.	Engineer 7	2.00	\$44.82	\$89.64	\$131.88	\$0.00	\$0.00	\$32.12	\$ 253.64
Start-up and Coord	Engineer 6	34.00	\$40.74	\$1,385.16	\$2,037.98	\$0.00	\$283.63	\$537.48	\$4,244.25
Start-up and Coord	Engineer 4	10.00	\$34.85	\$348.50	\$512.74	\$0.00	\$0.00	\$124.88	\$ 986.12
Start-up and Coord	Engineer 2	12.00	\$27.07	\$324.84	\$477.93	\$0.00	\$0.00	\$116.40	\$ 919.17
Traffic Signal Plans	Principal	10.00	\$58.79	\$587.90	\$864.97	\$0.00	\$0.00	\$210.66	\$1,663.53
Traffic Signal Plans	Eng. Specialist	35.00	\$52.12	\$1,824.20	\$2,683.94	\$17,641.30	\$0.00	\$653.68	\$22,803.12
Traffic Signal Plans	Engineer 7	8.00	\$44.82	\$358.56	\$527.54	\$0.00	\$0.00	\$128.48	\$1,014.58
Traffic Signal Plans	Engineer 6	130.00	\$40.74	\$5,296.20	\$7,792.29	\$0.00	\$0.00	\$1,897.83	\$14,986.32
Traffic Signal Plans	Engineer 2	205.00	\$27.07	\$5,549.35	\$8,164.75	\$0.00	\$0.00	\$1,988.54	\$15,702.64
Traffic Signal Plans	Technician 5	20.00	\$29.29	\$585.80	\$861.88	\$0.00	\$0.00	\$209.91	\$1,657.59
Traffic Signal Plans	Clerical 2	4.00	\$26.37	\$105.48	\$155.19	\$0.00	\$0.00	\$37.79	\$ 298.46
Traffic Signal Plans	Accounting	8.00	\$28.42	\$227.36	\$334.51	\$0.00	\$0.00	\$81.47	\$ 643.34
Totals		498.00		\$17,725.39	\$26,079.28	\$17,641.30	\$ 283.63	\$6,392.77	\$68,122.37

EXHIBIT A-1

DF-824-039
REV 12/04

AVERAGE HOURLY PROJECT RATES

FIRM Hampton, Lenzini and Renwick, Inc.
 PSB _____
 PRIME/SUPPLEMENT _____

DATE 11/04/13

SHEET 1 OF 5

PAYROLL CLASSIFICATION	AVG HOURLY RATES	TOTAL PROJECT RATES			Start-up and Coord.			Traffic signal plans											
		Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg			
Principal	58.79	10	2.01%	1.18				10	2.38%	1.40									
Engineering Specialist	52.12	55	11.04%	5.76	20	25.64%	13.36	35	8.33%	4.34									
Engineer 9	50.10	0																	
Engineer 8	47.68	0																	
Engineer 7	44.82	10	2.01%	0.90	2	2.56%	1.15	8	1.90%	0.85									
Engineer 6	40.74	164	32.93%	13.42	34	43.59%	17.76	130	30.95%	12.61									
Engineer 5	36.48	0																	
Engineer 4	34.85	10	2.01%	0.70	10	12.82%	4.47												
Engineer 3	29.00	0																	
Engineer 2	27.07	217	43.57%	11.80	12	15.38%	4.17	205	48.81%	13.22									
Engineer 1	24.27	0																	
Technician 7	35.68	0																	
Technician 6	30.34	0																	
Technician 5	29.29	20	4.02%	1.18				20	4.76%	1.39									
Technician 4	25.13	0																	
Technician 3	23.72	0																	
Technician 2	19.81	0																	
Technician 1	12.29	0																	
Clerical 2	26.37	4	0.80%	0.21				4	0.95%	0.25									
Clerical 1	18.33	0																	
Accounting	28.42	8	1.61%	0.46				8	1.90%	0.54									
		0																	
		0																	
		0																	
		0																	
		0																	
		0																	
TOTALS		498	100%	\$35.60	78	100.00%	\$40.91	420	100%	\$34.61	0	0%	\$0.00	0	0%	\$0.00	0	0%	\$0.00



EXHIBIT C
City of Evanston - Dempster Street Traffic Signal Interconnect
Traffic Signal and Pedestrian Improvements
Phase II Engineering Services
Anticipated Scope of Services

Phase II / Design Engineering to modernize and interconnect traffic signals at intersections with Fowler Avenue, Hartrey Avenue, Evanston Plaza and Dodge Avenue. Update signal controllers and pedestrian signals at intersections with Asbury Avenue and Ridge Avenue.

Task	Description	Hours by Employee Classification								Hours	Direct Cost	
		PR	ES	E7	E6	E4	E2	T5	CL2			ACC
I. Start-up & Coordination												
a. Phase II meetings.												
	Kick-off meeting with City & IDOT Bureaus of Local Roads and Traffic		2		4						6	\$ 19.21
	Plan review meetings with IDOT Bureau of Traffic (50 % and 75% plans)		6		8						14	\$ 38.42
	Plan review meetings with City of Evanston (50% and 75% plans)		6		10						16	\$ 113.00
	Meeting with PACE regarding TPS technology		2		4						6	\$ 56.50
	b. Site visits during plan design		4		4		4				12	\$ 56.50
	c. Utility coordination				4		8				12	
	d. Special waste PESA response form for Preliminary Site Assessment				2	10					12	
	Task I Sub-Total =	0	20	2	34	10	12	0	0	0	78	\$ 283.63
II. Traffic Signal Plans												
	a. Project Setup & Initiation		1		6		8				15	
	b. Prepare Cover Sheet, General Notes, SOQ & Schedules				8		12				20	
	c. Prepare IDOT District One Traffic signal standard detail sheets						2				2	
	d. Prepare the following sheets for the intersections of Dempster at Fowler, Hartrey, Evanston Plaza and Dodge (HLR prepare 3; AES prepare 1)											\$ 10,441.97
	Existing traffic signal / span wire signal / removal details		2		15		21				38	
	Span wire cable plan / sequence of operations / power chart		2		6		18				26	
	Intersection modification plan		3		9		21				33	
	Traffic signal modernization plan with accessible ped. Push buttons		3		9		24				36	
	Traffic signal cable plan / phase diagram / EVP phase diagram / power chart / intersection schedule of quantities		3		6		18				27	
	Accessible detector details and microwave pedestrian detection details		2		6		15				23	
	e. Prepare the following sheets for the intersections of Dempster at Asbury and Ridge (Task completed by AES)											\$ 7,199.33
	Existing traffic signal plan		1		1						2	
	Traffic signal cable plan / phase diagram / EVP phase diagram / power chart / intersection schedule of quantities		2		2						4	

Task	Description	PR	ES	E7	E6	E4	E2	T5	CL2	ACC	Hours	Direct Cost
f.	Traffic signal interconnect plan.		2		2		8				12	
g.	Coordination for Village and IDOT reviews, plan updates and preparation of submittal packages.		8		12			12			32	
h.	Existing interconnection plan for Dempster between Asbury and Ridge; schematic of existing Ridge Road system; and schematic of proposed Dempster traffic signal system integrated with the Ridge Road schematic		2		6		16				24	
i.	Street sign details				2		8				10	
j.	Prepare special provisions, special provisions for Evanston equipment and request waiver of proprietary equipment		2		32		6				40	
k.	Prepare cost estimate and estimate of time		2		4		16				22	
l.	Prepare explanation of lump sum pay items				4		8				12	
m.	Printing, Plotting & Typing						4	8	4		16	
n.	Project Administration	10		8						8	26	
Task II Sub-Total =		10	35	8	130	0	205	20	4	8	420	\$ 17,641.30
Subtotals Engineering Hours & Direct Costs =		10	55	10	164	10	217	20	4	8	498	\$ 17,924.93

Direct Costs:

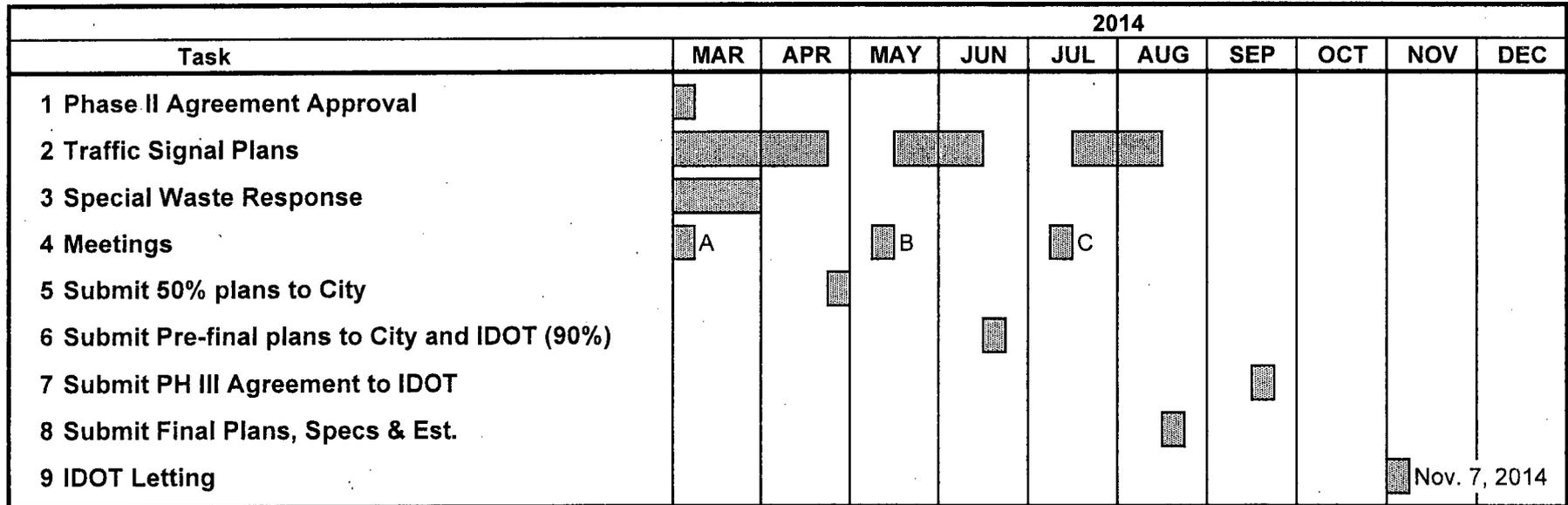
Mileage for 4 trips to Evanston, 3 trips to Schaumburg
(Evanston = 100 miles roundtrip); Schaumburg = 34 miles roundtrip (\$0.565/mile rate)

Cost
\$ 283.63



SCHEDULE OF WORK

Dempster Street Traffic Signals and Interconnect City of Evanston, Illinois



■ = Duration

* Schedule assumes Notice To Proceed on March 1, 2014.

- A Kick-off meetings with City staff & IDOT
- B 50% plan review with Evanston staff
- C 90% plan review with Evanston staff and IDOT Bureau of Traffic

