



PUBLIC WORKS

411 N Prospect Ave
Itasca, Illinois 60143-1795
Tel: 630-773-2455 Fax: 630-773-9856
www.itasca.com

MEMORANDUM

To: Carie Anne Ergo, Village Administrator

From: Ross Hitchcock, Director of Public Works

Date: February 13, 2019

Subject: 2019 Arlington Heights Road STP Phase III Construction Engineering Services
Task Order #16-RO459.04

Introduction

We have received the requested STP Phase III Construction Engineering Services Task Order from Robinson Engineering for the construction oversight of Arlington Heights Road with a not-to-exceed amount of \$81,477.

Discussion

This project scope consists of new curb, gutter, storm sewer, and asphalt on Arlington Heights Road from 390 to Pierce Road. This is a Surface Transportation Project with 70% federal funding and 30% local funding for construction only. The local agency funds construction engineering at 100%. The Residents at Hamilton Lakes has provided \$125,000 towards the local match. Everything appears to be in order.

Staff Recommendation

I recommend this item be forwarded to the Committee of the Whole meeting February 19, 2019.

After Action Steps

Attachment

Task Order #16-RO459.04 from Robinson Engineering
Geocon Material Testing scope and pricing
Resolution

TASK ORDER 16-R0459.04

In accordance with Paragraph 1.01 of the Agreement between the Village of Itasca ("Owner") and Robinson Engineering, Ltd. ("Engineer") for General Professional Services dated January 2013 ("Agreement"), Owner and Engineer agree to as follows:

1. Specific Project Data:

A. Title: Arlington Heights Road STP Improvements – Construction Engineering Services

B. Description: Phase III (Construction) Engineering for Arlington Heights Road from northern limit of I-390 improvement to Pierce Road intersection approach; all in accordance with the Design Approval granted by IDOT/FHWA for the Phase I Study and approved contract plans (Phase II Engineering Services).

2. Services of Engineer:

Initial consultation with Village staff; participation in the IDOT-lead preconstruction conference; maintain a daily record (diary) and Inspector Daily Reports (IDRs) of the contractor's activities; review and prepare recommendations for acceptance of shop drawings; coordination of material testing activities in accordance with IDOT/FHWA standards (Quality Assurance items are to be performed by our affiliate company GEOCON Professional Services); measure quantities and maintain project documentation of quantities to meet IDOT requirements; create punch lists and perform a final walk-through to verify quantities and assist in project closeout; and preparation of as-constructed drawings to reflect final field conditions.

Principal Engineer	2 HR @	\$196/HR	=	\$ 392
Senior Project Manager	8 HR @	\$172/HR	=	\$ 1,376
Senior Engineer	4 HR @	\$156/HR	=	\$ 624
Resident Engineer 2	504 HR @	\$134/HR	=	\$67,536
Field Superintendent	12 HR @	\$152/HR	=	\$ 1,824
Field Crew Chief	24 HR @	\$113/HR	=	\$ 2,712
CADD Technologist	16 HR @	\$ 93/HR	=	\$ 1,488
Administrative Support	4 HR @	\$ 74/HR	=	\$ 296
SubTotal				\$76,248
Materials Testing (by GEOCON)				\$ 5,229
Total Not to Exceed Cost:				\$81,477

VILLAGE OF ITASCA

ROBINSON ENGINEERING, LTD.

By: _____

By:  _____

Title: _____

Title: Aaron E. Fundich, PE, Exec. Vice President

Date Signed: _____

Date Signed: 2/12/19



February 7, 2019

Mr. Harry Gilmore
Robinson Engineering
17000 South Park Ave.
South Holland, IL 60473

SUBJECT: Proposal for FAU 2626 Arlington Heights Road Reconstruction, Itasca, IL
GEOCON Proposal No. 19-P065

Dear Mr. Gilmore:

In accordance with your request, GEOCON Professional Services, LLC (GEOCON) is pleased to submit this proposal for provide construction materials testing and inspection services for the above referenced project. A brief description of our understanding of the project and scope of services to be provided is included in the following paragraphs.

SCOPE OF WORK

GEOCON proposes to provide technical personnel to perform the necessary testing and inspection services in accordance with the project specifications, or other applicable guidelines. It is understood that the testing services required for your project may include the following:

- Subgrade Improvements Inspection & Testing
- Concrete QA Field & Laboratory Testing
- HMA QA Field & Laboratory Testing

FEE PROPOSAL

It is proposed to perform the services according, to the attached Fee Schedule, additional work beyond the scope and duration discussed in previous sections of this proposal will be quoted upon request.

AUTHORIZATION

GEOCON will proceed with the work on the basis of authorization received from the client, which may be in the form of a copy of the proposal signed and returned to GEOCON.

Should you have any questions regarding this proposal, or if we could be of any other assistance, please feel free to call us at our (815) 806-9986. We are looking forward to working with you on this project.

Proposal for FAU 2626 Arlington Heights Road Reconstruction, Itasca, IL
GEOCON Proposal No. 19-P065

Sincerely,
GEOCON Professional Services, LLC



Douglas R. Jury
Director of Operations

Attachments: Estimate of Field and Laboratory Testing
 2018 Construction Testing Fee Schedule
 Construction General Conditions

ACCEPTANCE OF PROPOSAL AND ENCLOSURES

FIRM: _____
SIGNATURE: _____
NAME: _____
TITLE: _____
DATE: _____



Geocon Proposal #		Estimate of Field & Laboratory Testing Inspection for FAU 2626 Arlington Heights Road Federal-aid Reconstruction											
Pay Item	Work Description	Quantity	Unit	Engineering Personnel (Hours)	Rate	Eng. Cost	Technician Personnel (Hours)		Rate	Tech. Cost	Laboratory Testing	Laboratory Cost	Pay Item Total
							Base Compaction Testing (Hours) *note 2,3,4	HMA Compaction Testing (Hours) *note 2,3,4	PCC Field Test (Hours) *note 2,3,4		PCC Cylinder Strength Test (ea.)	HMA Core Density (ea.)	
	Subgrade & Base Inspection & Testing										\$18.00	\$55.00	
	Subgrade Improvements	2	Day				7.0			\$130.00	\$910.00	\$0.00	\$910.00
										\$130.00	\$0.00	\$0.00	\$0.00
	Portland Cement Concrete Inspection & Testing									\$130.00	\$0.00	\$0.00	\$0.00
42400200	PCC Sidewalk 5"	1307	SqFt					4.0		\$130.00	\$520.00	\$90.00	\$610.00
60603800	Combination Concrete Curb & Gutter Type B 6.12	1564	Feet					4.0		\$130.00	\$520.00	\$90.00	\$610.00
	Hot Mix Asphalt Inspection & Testing									\$130.00	\$0.00	\$0.00	\$0.00
40603085	HMA Binder Course IL 19.0 N70	1266	Ton					8.0		\$130.00	\$1,040.00	\$550.00	\$1,590.00
40603335	HMA Surface Course N50 D	12	Ton							\$130.00	\$0.00	\$0.00	\$0.00
40603340	HMA Surface Course N70 D	359	Ton					4.0		\$130.00	\$520.00	\$275.00	\$795.00
										\$130.00	\$0.00	\$0.00	\$0.00
										\$130.00	\$0.00	\$0.00	\$0.00
										\$130.00	\$0.00	\$0.00	\$0.00
	Engineering (Project Management & Reporting)									\$130.00	\$0.00	\$0.00	\$0.00
	Engineering Project Management	3	Hrs	3.0	160.0	480.0						\$0.00	\$480.00
	Trip Charge (Portal to Portal \$0.545/Mile)	7	ea							\$22.00	\$154.00	\$0.00	\$154.00
	Density Gauge	2	Day							\$40.00	\$80.00	\$0.00	\$80.00
	Sub Totals			3.0		\$480.00	7.0	12.0	8.0		\$3,744.00	\$1,005.00	\$5,229.00
												Total	\$5,229.00

- Notes:
- 1 Trip Charges are based on portal to portal @ \$0.65/Mile
 - 2 Overtime will be invoiced at 1.5 x standard rate for work beyond eight (8) hours/day and Saturdays. 2 x standard rate for work on Sundays and holidays. 1.15 premiums for 2nd & 3rd shift
 - 3 Services and fees not listed will be quoted upon request. Payment for invoices will be due within 30 days of receipt of invoice.
 - 4 All field testing services will be with a minimum charge of 3 hours.
 - 5 Cylinder pickup will only be charged for days that a technician will not be onsite for PCC Testing.

RESOLUTION NO. 1097.1-19

**A RESOLUTION AUTHORIZING A CONSTRUCTION ENGINEERING SERVICES AGREEMENT
WITH ROBINSON ENGINEERING (TASK ORDER 16-RO459.04)
FOR THE 2019 ARLINGTON HEIGHTS ROAD STP PHASE III PROJECT**

WHEREAS, the Village of Itasca has previously entered into a general professional services agreement with Robinson Engineering, limited; and,

WHEREAS, the Village desires to approve Robinson Engineering task order number 16-RO459.04 for the 2019 Arlington Heights Road STP Phase III project.

NOW, THEREFORE, BE IT RESOLVED by the Village President and the Board of Trustees of the Village of Itasca, DuPage County, Illinois, as follows:

SECTION ONE: The corporate authorities of the Village of Itasca hereby approve Robinson Engineering Task Order number 16-RO459.04 for the 2019 Arlington Heights Road STP Phase III project.

SECTION TWO: The Village President, or his designee, is hereby authorized to sign and execute all necessary documents involving Task Order number 16-RO459.04 on behalf of the Village.

SECTION THREE: SEVERABILITY. If any section, paragraph, or provision of this Resolution shall be held to be invalid or unenforceable for any reason, the invalidity or unenforceability of such section, paragraph, or provision shall not affect any of the remaining provisions of this Resolution.

SECTION FOUR: REPEAL OF PRIOR RESOLUTIONS. All prior Resolutions and Ordinances in conflict or inconsistent herewith are hereby expressly repealed only to the extent of such conflict or inconsistency.

SECTION FIVE: EFFECTIVE DATE. This Resolution shall be in effect immediately following its passage, approval, and publication in pamphlet form.

AYES: _____

NAYES: _____

ABSENT: _____

ABSTAIN: _____

APPROVED and ADOPTED by the Village President and Board of Trustees of the Village of Itasca this ____ day of March, 2019.

APPROVED:

Village President Jeffery J. Pruyn

ATTEST:

Village Clerk Jody Conidi