

VILLAGE OF LOMBARD
REQUEST FOR BOARD OF TRUSTEES ACTION

For Inclusion on Board Agenda

 X Resolution or Ordinance (Blue) *Waiver of First Requested*
 Recommendations of Boards, Commissions & Committees (Green)
 Other Business (Pink)

TO: PRESIDENT AND BOARD OF TRUSTEES

FROM: Scott Niehaus, Village Manager

DATE: July 8, 2024 (B of T) **Date:** July 18, 2024

TITLE: 641 N. Main Drainage Basin
Resident Engineering Contract

SUBMITTED BY: Carl Goldsmith, Director of Public Works 

BACKGROUND/POLICY IMPLICATIONS:

Award of a contract to Thomas Engineering Group, LLC (TEG) for Resident Engineering services for the 641 N. Main Drainage Basin Project (SS 24-05).

FISCAL IMPACT/FUNDING SOURCE

Total Contract Amount: \$177,016.00

Funding Accounts: 410.710.725.75420

Review (as necessary):

Village Attorney X _____ Date _____

Finance Director X _____ Date _____

Village Manager X _____ Date _____

NOTE: Materials must be submitted to/ approved by the Village Manager's Office by 12:00 pm, Wednesday, prior to the Agenda Distribution.



To: Village President and Board of Trustees
From: Mike Barbier, PE, Civil Engineer II *MB*
Through: Carl Goldsmith, Director of Public Works *J*
Date: July 8, 2024
Subject: 641 N. Main Street Drainage Basin - Resident Engineering Contract

The 641 N. Main Street Drainage Basin is a project included within the approved Capital Improvement Program.

The project consists of the excavation and grading of a detention basin that will provide over 8.18 acre-feet of stormwater storage as well the necessary storm sewer pipe to connect the basin to the Village's existing storm water system. Additionally, the project will construct 3 pickle ball courts, a parking lot, a drinking fountain, and sidewalk around the basin.

A Request for Proposal (RFP) was sent to all eligible firms on the Village's 2021 Engineering Shortlist. Thomas Engineering Group, LLC (TEG) was determined by the Public Works selection evaluation team to be the most qualified firm. The contract scope and fee for construction observation was negotiated and agreed to by both parties. This contract work will be performed for a total resident engineering fee not to exceed \$177,016.00 from the Construction Fund.

Please present the attached agreement and resolution for the contract to the President and Board of Trustees for their review at their regular meeting of July 18, 2024. If approved, please return two original signed copies of the agreement to Public Works for further processing.

July 2, 2024

762 Shoreline Drive
Suite 200
Aurora, IL 60504

Mr. Mike Barbier, Civil Engineer
Village of Lombard
Public Works Department
Engineering Division
255 East Wilson Avenue
Lombard, IL 60148

**Re: Revised Work Effort and Fee Estimate for Phase III Resident Engineering Services
641 N. Main Street Drainage Basin Project (Contract No. SS 24-05)**

Dear Mr. Barbier:

Thomas Engineering Group, LLC (TEG) respectfully submits the enclosed revised fee proposal per your request to the Village of Lombard to provide Resident Engineering Services for the 641 N. Main Street Drainage Basin Project. The attachments enclosed, and referenced below, summarize the total work effort to complete our services based on the project approach and organizational chart found in our written proposal dated June 24, 2024.

The following pages, rates, and tables represent what TEG has developed in terms of a fee schedule:

- Staff Scheduling Plan
- Cost Estimate of Consultant Services (CECS)

We have utilized an IDOT standard Cost Estimate of Consultant Services (CECS) and Direct Labor Multiplier (DLM) method of compensation using a multiple of 2.90 based on our current IDOT approved payroll burden and expense rate. The anticipated duration of construction services is approximately four (4) months, August through November, with post construction punch list, preparation of record drawings, and closeout activities planned for the month of December 2024:

Total Proposed TEG Staff Hours	1,342
Total Not-to-Exceed CECS	<u>\$177,016.00</u> (8.6% of construction cost)

While we believe that this estimate accurately reflects our best effort at understanding the scope of work as described in our proposal, we understand that the Village may interpret the scope differently or may seek to add, subtract, or modify the scope or level of effort contained herein. We look forward to negotiating the scope and effort to meet the exact expectations of the Village. TEG is excited to serve the Village of Lombard and dedicated to providing outstanding service.



Work Effort and Fee Estimate for Phase III Resident Engineering Services
641 N. Main Street Drainage Basin Project
Page 2 of 2

If you have any questions or require additional information, please call me at (847) 847-6181 or by e-mail at gregb@thomas-engineering.com.

Sincerely,
thomas engineering group, llc



Gregory A. Benske
Construction Department Head

Attachments

Cc: Kevin VanDeWoestyne, Municipal Department Head, Thomas Engineering Group, LLC
Carl Goldsmith, Director of Public Works, Village of Lombard



**COST PLUS FIXED FEE
COST ESTIMATE OF CONSULTANT SERVICES**

FIRM Thomas Engineering Group, LLC

DATE 07/02/24

OVERHEAD RATE 1.5337
COMPLEXITY FACTOR 0

COST ESTIMATE USING FIXED FEE									
ITEM	MANHOURS (A)	PAYROLL (B)	OVERHEAD & FRINGE BENF (C)	IN-HOUSE DIRECT COSTS (D)	FIXED FEE (E)	Outside Direct Costs (F)	SERVICES BY OTHERS (G)	TOTAL (B-G)	% OF GRAND TOTAL
Pre-Construction	148	6,643.20	10,188.68		2,457.98			\$ 19,289.86	10.88%
Construction Engineering	994	43,105.60	66,111.06		15,949.07			\$ 125,165.73	70.62%
Post Construction	260	11,291.20	17,317.31		4,177.74			\$ 32,786.26	18.50%
TOTALS	1402	61,040.00	93,617.05	0.00	22,584.80	0.00	0.00	\$ 177,241.85	100.00%
Calculated Profit % Using Cost Plus Fixed Fee (CPFF)					12.74%				
Equivalent Direct Labor Multiplier (DLM)					2.9037	*TEG proposes reduced multiplier of 2.90 DLM			
Proposed Fee Using 2.90 DLM					\$ 177,016.00				

AVERAGE HOURLY PROJECT RATES

FIRM Thomas Engineering Group, LLC
PSB _____
PRIME/SUPPLEMENT _____

DATE 07/02/24

SHEET 1 OF 1

PAYROLL CLASSIFICATION	AVG HOURLY RATES	TOTAL PROJECT RATES			Pre-Construction			Construction Engineering			Post Construction								
		Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg			
Project Principal	86.00	28	2.00%	1.72	4	2.70%	2.32	16	1.61%	1.38	8	3.08%	2.65						
Project Manager	67.00	108	7.70%	5.16	20	13.51%	9.05	60	6.04%	4.04	28	10.77%	7.22						
Project/Resident Eng	37.68	1010	72.04%	27.14	80	54.05%	20.37	750	75.45%	28.43	180	69.23%	26.09						
Project/Resident Eng	69.50	80	5.71%	3.97				80	8.05%	5.59									
Chief Surveyor	70.20	16	1.14%	0.80	4	2.70%	1.90	8	0.80%	0.56	4	1.54%	1.08						
Senior Technician	53.10	80	5.71%	3.03	20	13.51%	7.18	40	4.02%	2.14	20	7.69%	4.08						
Technician I	30.10	80	5.71%	1.72	20	13.51%	4.07	40	4.02%	1.21	20	7.69%	2.32						
		0																	
		0																	
		0																	
		0																	
		0																	
		0																	
		0																	
		0																	
		0																	
		0																	
		0																	
		0																	
		0																	
		0																	
		0																	
		0																	
		0																	
		0																	
		0																	
		0																	
TOTALS		1402	100%	\$43.54	148	100.00%	\$44.89	994	100%	\$43.37	260	100%	\$43.43	0	0%	\$0.00	0	0%	\$0.00

R E S O L U T I O N

R _____ 24

**A RESOLUTION AUTHORIZING SIGNATURE OF
PRESIDENT AND CLERK ON AN AGREEMENT**

WHEREAS, the Corporate Authorities of the Village of Lombard have received an Agreement between the Village of Lombard, and Thomas Engineering Group, LLC. (TEG), regarding the 641 N. Main Street Drainage Basin project as attached hereto and marked Exhibit "A"; and

WHEREAS, the Corporate Authorities deem it to be in the best interest of the Village of Lombard to approve such agreement.

NOW, THEREFORE, BE IT RESOLVED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF LOMBARD, DU PAGE COUNTY, ILLINOIS as follows:

SECTION 1: That the Village President be and hereby is authorized to sign on behalf of the Village of Lombard said agreement as attached hereto.

SECTION 2: That the Village Clerk be and hereby is authorized to attest said agreement as attached hereto.

Adopted this 18th day of July, 2024.

Ayes: _____

Nays: _____

Absent: _____

Approved this 18th day of July, 2024.

**Keith Giagnorio
Village President**

ATTEST:

**Elizabeth Brezinski
Village Clerk**

VILLAGE OF LOMBARD
CONTRACT DOCUMENT NUMBER (SS 24-05)

This agreement is made this 18th day of July, 2024, between and shall be binding upon the Village of Lombard, an Illinois municipal Corporation hereinafter referred to as the "VILLAGE" and Thomas Engineering Group, LLC (TEG) hereinafter referred to as the "ENGINEER" and its successors.

Witnessed, that in consideration of the mutual promises of the parties delineated in the contract documents, the ENGINEER agrees to perform the services and the VILLAGE agrees to pay for the following services as set forth in the contract documents:

641 N. Main Street Drainage Basin Project Phase III Resident Engineering

1. This contract shall embrace and include all of the applicable contract documents listed below as if attached hereto or repeated herein:
 - a. 641 N. Main Street Drainage Basin Project – Phase III Engineering Request for Proposal consisting of the following:
 - i) Cover Sheet
 - ii) Table of Contents
 - iii) General Provisions
 - iv) Special Provisions
 - v) Consultant letter with fee schedule
 - b. Required Certificates and Signatures and Certificate of Insurance
 - c. ENGINEER'S Proposal Dated July 2, 2024
2. The VILLAGE agrees to pay, and the ENGINEER agrees to accept as full payment for the services which are the subject matter of this contract in accordance with the General Provisions.
3. This Contract represents the entire agreement between the parties and may not be modified without the written approval of both parties.

IN WITNESS WHEREOF, the Village of Lombard, Illinois by Keith Giagnorio, Village President, and the ENGINEER have hereunto set their hands this 18th day of July, 2024.

If an individual or partnership, all individual names of each partner shall be signed or if a corporation, an officer duly authorized shall sign here:

Accepted this _____ day of July, 2024.

Individual or Partnership _____ Corporation _____

By

Position/Title

By

Position/Title

Print Company Name

THE VILLAGE OF LOMBARD, ILLINOIS

Accepted this 18th day of July, 2024.

Keith Giagnorio, Village President

Attest:

Elizabeth Brezinski, Village Clerk