

DISTRICTS # 1 & 4

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: November 8, 2022 (COW) (B of T) **Date:** November 17, 2022

TITLE: Downtown Sidewalk Rehabilitation Project
Professional Engineering Services

SUBMITTED BY: Michael Barbier, P.E., Civil Engineer II *MB*

BACKGROUND/POLICY IMPLICATIONS:

Contract for the Resident Engineering Services related to the Downtown Sidewalk Rehabilitation Project.

FISCAL IMPACT/FUNDING SOURCE:

Total Contract Amount: \$314,838.66
Project Number: ST 20-05
CIP Budget Amount: \$300,000
Account: ST 20-05 Downtown Sidewalk Rehabilitation Project
Downtown Tax Increment Financing (TIF) Fund: 440.740.740.75350 (\$314,838.66)

Review (as necessary):

Village Attorney X _____ Date _____
Finance Director X _____ Date _____
Village Manager X _____ Date _____

NOTE: All materials must be submitted to and approved by the Village Manager's Office by 12:00 noon, Wednesday, before the Agenda Distribution.



To: Scott Niehaus, Village Manager
 Through: Carl Goldsmith, Director of Public Works
 From: Michael Barbier, P.E., Civil Engineer II
 Date: November 8, 2022
 Subject: Downtown Sidewalk Rehabilitation Project

Attached are the resolution, contract, and fee schedule for engineering services related to the Downtown Sidewalk Rehabilitation project.

Background

The Downtown Sidewalk Rehabilitation project is currently programmed in the CIP for 2023.

Due to significant tree root growth and poor base material, the brick pavers along St. Charles Road have begun to heave and create unsafe conditions on the intended walking surface. Since 2015, the Village had been setting aside \$25,000 for downtown improvements, including paver brick maintenance; however, a much more significant effort is necessary to remove deficient sidewalk pavers.

In 2017, the Village staff identified several strategies to address the conditions. Based upon discussions with the Standing Committees and Village Board, the Project will include a traditional concrete walking surface with decorative treatments to retain the historic character of downtown. The project scope includes the removal and replacement of trees within the project area, as well as streetscape elements.

In 2020, the Village entered into a design engineering contract with Robinson Engineering to provide plans, specifications, and contract documents. The bidding of the project is scheduled for January 2023, with the construction contract award in February 2023.

This contract is for Resident Engineering services associated with, and required for, the construction of the project.

Award

The seven firms on the Public Works Engineering Short-List were sent a Request for Proposal. Four proposals were received. Thomas Engineering Group, LLC (TEG) of Aurora was selected as the "most qualified firm" based on the proposed scope of work, their project experience related to performing similar work, and the proposed staff. Previous Resident Engineering services provided by TEG within the Village include the Roosevelt Road water main lining, Lombard Meadows subdivision improvements, and Westmore-Meyers Road resurfacing.

The scope and fee were negotiated and agreed to by both parties. The not-to-exceed fee for resident engineering services is \$314,838.66. Project financing is through the Downtown Tax Increment Financing (TIF) Fund.

Please present this contract to the President and Board of Trustees at their regular meeting of November 17, 2022. If approved, please return one original signed copy to Public Works-Engineering for further processing.

RESOLUTION
R _____ 22

A RESOLUTION AUTHORIZING SIGNATURE OF
PRESIDENT AND CLERK ON AN AGREEMENT

WHEREAS, the Corporate Authorities of the Village of Lombard have received a Contract between the Village of Lombard, and Thomas Engineering Group, LLC., regarding resident engineering services related to the Downtown Sidewalk Rehabilitation 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 Contract.

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 Contract as attached hereto.

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

Adopted this 17th day of November, 2022.

Ayes; _____

Nays: _____

Absent: _____

Approved this 17th day of November, 2022.

Keith Giagnorio
Village President

ATTEST:

Elizabeth Brezinski
Village Clerk

November 3, 2022

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: Work Effort and Fee Estimate for Phase III Resident Engineering Services
Downtown Sidewalk Rehabilitation Project**

Dear Mr. Barbier:

Thomas Engineering Group, LLC (TEG) respectfully submits the enclosed fee proposal to the Village of Lombard to provide Resident Engineering Services for the Downtown Sidewalk Rehabilitation 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 October 26, 2022.

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

- Work Effort and Fee Estimate
- BDE 3606 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 2.65. The anticipated duration of construction services is seven (7) months, April through October 2023. In addition, with the project programmed for advertisement and bidding in January, we're offering to perform constructability of the bid documents in December 2022, with post construction punch list and closeout activities planned for the month of November 2023:

Total Proposed TEG Staff Hours	1,868	
TEG Services (excluding services by others)	\$299,838.66	(10% of construction cost)
QA Material Testing Services by others (Rubino)	\$15,000.00	
Total Not-to-Exceed CECS	<u>\$314,838.66</u>	

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.



Work Effort and Fee Estimate for Phase III Resident Engineering Services Downtown Sidewalk
Rehabilitation Project

Page 2 of 2

We look forward to negotiating the scope and effort to meet the exact expectation of the Village.
TEG is excited to serve the Village of Lombard and dedicated to providing outstanding service.

If you have any questions or require additional information, please call me at (847) 815-9500 or
by e-mail at kevinv@thomas-engineering.com.

Sincerely,
thomas engineering group, llc



Kevin C. VanDeWoestyne, P.E., ENV SP
Municipal Department Head

Attachments

Cc: Ed Herlihy, P.E., Senior Project Manager, Thomas Engineering Group, LLC
Matt Champine, P.E., Project Manager, Thomas Engineering Group, LLC
Carl Goldsmith, Director of Public Works, Village of Lombard





Payroll Escalation Table
Fixed Raises
DLM 2.80

FIRM NAME
 PRIME/SUPPLEMENT

Thomas Engineering Group, LLC

DATE 11/03/22
 PTB NO. Downtown Sidewalk Rehabilitation Project

CONTRACT TERM
 START DATE
 RAISE DATE

12 MONTHS
12/1/2022
1/1/2024

OVERHEAD RATE
 COMPLEXITY FACTOR
 % OF RAISE

3.00%

ESCALATION PER YEAR

12/1/2022 - 1/30/2023
12
12

= 100.00%
 = 1.0000

The total escalation for this project would be: 0.00%



**Cost Estimate of
Consultant Services**
(Direct Labor Multiple)

Firm Thomas Engineering Group, LLC
 Route St. Charles Road
 Section _____
 County _____
 Job No. _____
 PTB & Item Downtown Sidewalk Rehabilitation Project

Date 11/03/22
 Overhead Rate 0.00%
 Complexity Factor 0

ITEM	MANHOURS (A)	PAYROLL (B)	(2.65+R) TIMES PAYROLL (C)	DIRECT COSTS (D)	SERVICES BY OTHERS (E)	DBE TOTAL (C+D+E)	TOTAL (C+D+E)	% OF GRAND TOTAL
Constructability Review	68	4,250.00	11,262.50				11,262.50	3.58%
Preconstruction	68	4,250.00	11,262.50				11,262.50	3.58%
Construction Inspection	1668	99,586.66	263,904.66		15,000.00		278,904.66	88.59%
Post Construction	82	5,060.00	13,409.00				13,409.00	4.26%
TOTALS	1886	113,146.66	299,838.66	0.00	15,000.00	0.00	314,838.66	100.00%



Average Hourly Project Rates

Route St. Charles Road
 Section _____
 County _____
 Job No. _____
 PTB/Item Downtown Sidewalk Rehabilitation Project

Consultant Thomas Engineering Group, LLC

Date 11/03/22

Sheet 1 OF 1

Payroll Classification	Avg Hourly Rates	Total Project Rates			Constructability Review			Preconstruction			Construction Inspection			Post Construction			Hours	% Part.	Wgtd Avg
		Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg			
Project Principal	\$70.00	8	0.42%	0.30	4	5.88%	4.12	4	5.88%	4.12									
Senior Project Manager	\$70.00	24	1.27%	0.89	4	5.88%	4.12	4	5.88%	4.12	14	0.84%	0.59	2	2.44%	1.71			
Project/Resident Engineer IV	\$61.50	1730	91.73%	56.41	60	88.24%	54.26	60	88.24%	54.26	1530	91.73%	56.41	80	97.56%	60.00			
Project/Resident Engineer III	\$48.45	0																	
Arborist/Technical Manager	\$51.14	0																	
Chief Surveyor	\$60.49	4	0.21%	0.13							4	0.24%	0.15						
Technician I	\$27.85	80	4.24%	1.18							80	4.80%	1.34						
Technical Manager	\$51.05	40	2.12%	1.08							40	2.40%	1.22						
		0																	
		0																	
		0																	
		0																	
		0																	
		0																	
		0																	
		0																	
		0																	
		0																	
		0																	
		0																	
		0																	
		0																	
TOTALS		1886	100%	\$59.99	68	100%	\$62.50	68	100%	\$62.50	1668	100%	\$59.70	82	100%	\$61.71	0	0%	\$0.00