



June 28, 2018

Mr. Phillip Francis
Director of Operations
Livonia Public Schools
15125 Farmington Road
Livonia, MI 48154

RE: Contract Award Recommendation for Civil Engineering Services
2019 Sinking Fund Pavement Replacement Projects
Coolidge Elementary / Emerson Middle / Frost Middle / Churchill High
Garfield Community / Webster Elementary / LCTC / Johnson Upper Elementary

Dear Mr. Francis:

This letter transmits an update from Plante Moran Cresa (PMC) as it relates to the assignment to assist and advise Livonia Public Schools (LPS) in its selection of a Civil Engineer for the Projects listed above. This update represents the mutual efforts of PMC and LPS administration and staff to present a framework in order to identify, evaluate and recommend Firms for this Project.

NTH Consultants and LPS have a longstanding relationship and have been working together for over a decade, which currently includes materials testing services during the bond projects as well as civil engineering design services over the past two summers at numerous schools within the District. PMC and LPS have been satisfied with their work and are recommending NTH be re-engaged for the 2019 Sinking Fund projects for a lump sum fee of \$150,900.00.

Please note that the work at Johnson Upper Elementary School will be designed and bid out with these schools. However, the construction work will be scheduled to occur in Summer 2020.

For the Civil Engineer, the costs for this work will be detailed in an amendment to their contract, pending final review and approval of terms by District legal counsel.

The Project Team is available at the Board's convenience to answer any questions regarding this process and/or the recommendation.

Sincerely,

PLANTE MORAN CRESA

A handwritten signature in blue ink that reads 'Scott Smith'.

Scott Smith, LEED AP
Senior Consultant

Enclosures: NTH Consultants, LTD letter dated June 21, 2018



Mr. Phillip M. Francis, Director of Operations
Livonia Public Schools
15125 Farmington Road
Livonia, Michigan 48154

June 15, 2018
NTH Proposal No. 62-180275
(Revised June 21, 2018)

**RE: Proposal for Pavement Engineering and Design Services
2019 Pavement Improvements
Livonia Public Schools**

Dear Mr. Francis:

NTH Consultants, Ltd. (NTH) is pleased to submit this proposal for professional engineering services on the 2019 Pavement Improvement Program for the Livonia Public Schools (LPS). NTH is a local infrastructure and environmental engineering / consulting firm headquartered in Northville, Michigan. We have been providing services to LPS for more than 15 years.

To meet your design needs, we have assembled a highly qualified team of in-house staff to offer infrastructure engineering and design services to LPS. Per our discussions, this proposal involves multiple projects identified in the 2019 paving improvement program under the Livonia Public Schools Sinking Fund as outlined below:

Project Location	Preliminary Construction Costs
P-1, Bid Package No. 1:	
Coolidge Elementary School	\$ 100,000
Emerson Middle School	\$ 490,000
Frost Middle School	\$ 250,000
Churchill High School	\$ 280,000
	\$ 1,120,000
P-2, Bid Package No. 2:	
Garfield Elementary School	\$ 210,000
Johnson Middle School	\$ 360,000
LCTC	\$ 350,000
Webster Tyler School	\$ 240,000
	\$ 1,160,000
Estimated Total Construction =	\$ 2,280,000



The estimated construction costs are based on Plante Moran Cresa’s “Livonia Public Schools Summary of Costs by Prioritization” and the preliminary scope walkthrough conducted on May 30, 2018. Based on the scope of work associated with the 2019 program and our established contract with LPS through Plante Moran Cresa, NTH’s design fees for the 2019 program would be a lump sum fee of **\$150,900**. The design fees are approximately 6.62 percent of the construction cost, based on the table above). Note, this amount does not include the geotechnical or surveying or traffic studies that are required for the design of the 2019 projects.

Upon receipt of the Notice to Proceed, NTH will perform the following tasks:

1. Visit all sites included in the 2019 LPS Paving Program to verify and confirm the scope of work to be included with representatives of LPS and Plante Moran Cresa.
2. Develop documents showing geotechnical boring locations and topographic / boundary survey areas for each project.
3. Based on the geotechnical results, NTH will re-visit the scope of work for each project and develop an engineer’s opinion of probable construction costs for each of the schools.

NTH’s proposed design schedule for the 2019 pavement project is as follows:

Notice to Proceed	June 25, 2018
Initiate Surveying, Geotechnical Services P-1 & P-2	July 9, 2018
Revisit Schools for Potential Scope Adjustments	July 19, 2018
Survey and Geotech Reports Received	August 8, 2018
Scope Review Meeting P-1 Schools	August 24, 2018
Engineer’s Opinion of Construction Costs, P-1	September 6, 2018
Owner Review Document Submittal, P-1	October 9, 2018
Owner Review Response Meeting, P-1	October 13, 2018
Final For-Bid Documents, P-1	October 23, 2018
Pre Bid Meeting, Bid Pack No 1	October 25, 2018
Bid Due Date, Bid Pack No 1	November 14, 2018

Bid Package No. 2 Schedule:

Scope Review Meeting Phase 2 Schools.....	November 16, 2018
Engineer’s Opinion of Construction Costs, P-2	November 30, 2018
Owner Review Document Submittal, P-2	January 18, 2019
Owner Review Response Meeting, P-2.....	January 25, 2019
Final For-Bid Documents P-2	February 4, 2019
Pre-bid Meeting, Bid Pack 2	February 8, 2019
Bid Due Date, Bid Pack 2	March 1, 2019



Mr. Phillip M. Francis
June 15, 2018
(Revised June 21, 2018)

We appreciate the opportunity to continue our professional relationship with Livonia Public Schools and look forward to working with you. Should you have any questions or need additional information, feel free to contact Cliff Andrews at (248) 662-2741 (direct line) or John Stadnicar at (248) 662-2730 (direct line).

Sincerely,

NTH Consultants, Ltd.

A handwritten signature in blue ink, appearing to read 'Cliff Andrews'.

Cliff J. Andrews
Senior Project Professional

A handwritten signature in blue ink, appearing to read 'John B. Stadnicar'.

John B. Stadnicar, P.E.
Senior Vice President

CJA/JBS/kg