



December 5, 2016

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

RE: Contract Award Recommendation for Civil Engineering Services  
2017 Sinking Fund Pavement & Watermain Replacement Projects  
Randolph / Hoover / Grant / Holmes / Franklin – Pavement Replacement  
Holmes – Watermain Replacement

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 for the bond projects. Earlier this year, NTH was awarded a sinking fund contract to perform pavement replacement work at Hayes Elementary, Kennedy Elementary, and Riley Upper Elementary. PMC and LPS have been satisfied with their work and are recommending they be re-engaged for the 2017 Projects. Attached is a contract amendment for the proposed 2017 work in the amount of \$150,000.00.

For the Civil Engineer, the costs for this work will be detailed in a Purchase Order issued by the District, and in a contract amendment to their original contract, pending final review and approval 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. Please direct all questions through me via email.

Sincerely,

PLANTE MORAN CRESA

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

Scott Smith, LEED AP  
Senior Consultant

Enclosures: Proposal Letter  
Milestone Schedule  
Change Order

**AMENDMENT TO AIA – B105-2007 AGREEMENT**  
**AMENDMENT No. 1**

***BETWEEN OWNER AND ARCHITECT***

In accordance with the Agreement dated the Fifth day of February in the year Two Thousand Sixteen.

**BETWEEN** the Owner:

*(Name, legal status, address and other information)*

Livonia Public Schools  
15125 Farmington Road  
Livonia, MI 48154

and the Architect:

*(Name, legal status, address and other information)*

NTH Consultants, Ltd.  
41780 Six Mile Road  
Northville, MI 48168  
248 553-6300

for the following Project:

2017 Parking Lot Repaving Projects at Randolph Elementary School, Hoover Elementary School, Grant Elementary School, Holmes Middle School and Franklin High School; as well as the water main replacement at Holmes Middle School.

The Owner and Architect further agree to the Amend the Contract as written below:

The following adjustments shall be made to Compensation and Time for the Architect's Basic Services:

Compensation: A Lump Sum Fee of One Hundred Fifty Thousand Dollars (\$150,000.00). See attached Proposal dated November 4, 2016.

Time: Substantial Completion by August 11, 2017. See attached Milestone Schedule

The Scope of Work shall not include surveying, geo-technical engineering or material testing.

The Architect shall advise the Owner of any adjustments to the preliminary estimate of Construction Cost at the end of the Design Development Phase.

In the event the Cost of the Work is substantially lower than the Design Development Estimate, more than ten percent (10%), the Architect's Fee will be recalculated at 6.8% of the Cost of the Work.

***Signatures on next page***

**OWNER:  
LIVONIA PUBLIC SCHOOLS**

**ARCHITECT:  
NTH CONSULTANTS, Ltd.**

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*(Signature)*

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*(Signature)*

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Andrea L Oquist, Superintendent  
*(Printed name and title)*

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*(Printed name and title)*

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Date

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Date



**NTH Consultants, Ltd.**

Infrastructure Engineering  
and Environmental Services

41780 Six Mile Road  
Northville, MI 48168  
Phone: 248-553-6300  
Fax: 248-324-5179

Mr. Paul Theriault, P.E.  
Livonia Public Schools  
C/O Plante Moran Cresa  
26300 Northwestern Highway  
Southfield, Michigan 48076-3760

November 4, 2016  
NTH Proposal No. 62-160382

**RE: Proposal for Pavement Engineering and Design Services  
2017 and 2018 Pavement Improvements  
Livonia Public Schools**

Dear Mr. Theriault:

NTH Consultants, Ltd. (NTH) is pleased to submit this proposal for professional engineering services on the 2017 and 2018 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. For this project, 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 2017, 2018, and 2019 paving improvement program under the Livonia Public Schools Sinking Fund as outlined below:

Project Location	2017 NTH Budgets	2018	2019
<b>Civil Project Subtotal =</b>	<b>\$ 2,205,000</b>	<b>\$ 2,040,000</b>	<b>\$ 2,000,000</b>
<b>Parking Lot Improvements</b>			
Cooper		\$ 575,000	
Roosevelt		\$ 240,000	
Randolph	\$ 150,000		
Hoover	\$ 270,000		
Grant	\$ 220,000		
Johnson		\$ 450,000	
Holmes	\$ 415,000		
Franklin	\$ 650,000		
Emerson		\$ 275,000	
Stevenson HS		\$ 500,000	
Churchill HS			\$ 500,000
*Other Buildings TBD			\$ 1,500,000
<b>Watermain Replacement</b>			
Holmes	\$ 500,000		



Based on the scope of work associated with the 2017 program under to our established contract with LPS through Plante Moran Cresa, NTH's design fees for the 2017 program would be a lump sum fee of **\$150,000**. The design fees are approximately 6.8 percent of the construction cost (based on NTH's estimate outlined in the table above). For 2018, our design fees will be approximately 6.62 percent of the construction cost estimate, which is equal to a lump sum design fee of **\$135,000**.

We are currently developing a schedule for the watermain replacement at Holmes. Our objective is to have the watermain work completed before implementing Holmes' pavement repairs. NTH's proposed design schedule for the five 2017 pavement projects is as follows:

Notice to Proceed .....	December 6, 2016
Schematic Design .....	December 20, 2016
Owner Review of Scope .....	January 11, 2017
Construction Documents .....	February 2, 2017
Bidding Phase Start .....	February 6, 2017

We appreciate the opportunity to continue our professional relationship with Livonia Public Schools and Plante Moran Cresa 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.

Cliff J. Andrews  
Senior Project Professional

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

CJA/JBS/kg



**LIVONIA PUBLIC SCHOOLS**  
**SINKING FUND MILESTONE SCHEDULE**  
**December 5, 2016**

**2017 Sinking Fund Projects**

- |   |                      |
|---|----------------------|
| • Geotechnical and Survey Work                | 11/8 – 12/5/2016     |
| • Board Meeting to Recommend NTH              | 12/12/2016           |
| • Owner Authorizes NTH to Proceed             | 12/13/2016           |
| • Board Meeting to Award to NTH               | 12/19/2016           |
| • Schematic Design (SD)                       | 12/13 – 12/20/2016   |
| • Design Development (DD)                     | 12/21 – 1/10/2017    |
| • Owner Review of Scope                       | 1/11 – 1/13/2017     |
| • Budget Validation                           | 1/11 – 1/13/2017     |
| • Complete Construction Documents (CD's)      | 1/16 – 2/2/2017      |
| • Final Review / Coordination / Clean-up      | 2/3/2017             |
| • Bidding Phase                               | 2/6 – 2/23/2017      |
| • Post-Bid Interviews / Award Recommendations | 2/24/17              |
| • Board Recommendation @ Committee Meeting    | 2/27/17              |
| • Board Approval (SPECIAL BOARD MEETING)      | 3/6/17               |
| • Material Expediting / Submittals            | March – May 2017     |
| • Construction                                | 6/19/16 – 8/11/2017  |
| • Substantial Completion                      | 8/11/2017            |
| • Project Punch-list and Closeout             | 8/11/2017 – 9/1/2017 |