



April 10, 2017

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

RE: Sinking Fund Projects
Contract Award Recommendation for 2017 Pavement Replacement Projects
Churchill HS / Holmes MS / Buchanan ES

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 Prime Contractors for the Projects listed above. This update represents the mutual efforts of PMC, NTH Consultants, LPS administration and staff (the Team) to present a framework in order to identify, evaluate and recommend Prime Contractor firms for these Projects.

In March 2017, Construction Documents were formally issued and made available. An advertisement for bids was published in a local newspaper and also posted to the required State of Michigan websites.

On April 6, 2017, bid proposals were received for the Project, and over the next day were reviewed to determine budget implications. Interviews were conducted on April 7th and were attended by representatives from NTH Consultants, and LPS. The scope of work, project schedule, manpower requirements, and other particulars regarding the work were reviewed and discussed.

Upon completion of the interviews, and after subsequent clarifications and discussions, the Team is recommending Macomb Pipeline and Utilities for contract award at Holmes Middle School. Including hard construction at \$324,815.00 and construction contingency at \$40,000.00, the total Project award recommendation equals \$364,815.00.

For the Projects at Buchanan and Churchill the two bids received were incomplete and these projects will be re-bid at a later date.

For the Prime Contractor, the costs for this work will be detailed in AIA Contract A105 – 2007 Standard Form of Agreement between Owner and Contractor, 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 bidding, the proposals, interview process, or the recommendation herein. Please direct all questions through me via email.

Sincerely,

PLANTE MORAN CRESA

A handwritten signature in blue ink, appearing to read "Scott Smith".

Scott Smith, LEED AP
Senior Consultant

Enclosures: Cost Summary
 NTH Recommendation Letter
 Bid Tabulation

BUCHANAN / HOLMES / CHURCHILL - COST SUMMARY

	Hard Construction		
Building	Budget	Actual	Variance
Buchanan Elementary School			\$ -
Holmes Middle School	\$ 400,000	\$ 324,815	\$ 75,185
Churchill High School			\$ -
Totals	\$ 400,000	\$ 324,815	\$ 75,185

	Construction Contingency (12%)		
Building	Actual	Actual	Actual
Buchanan Elementary School	\$ -	\$ -	\$ -
Holmes Middle School	\$ 50,000	\$ 40,000	\$ 10,000
Churchill High School	\$ -	\$ -	\$ -
Totals	\$ 50,000	\$ 40,000	\$ 10,000

	Total Project Costs		
Building	Actual	Actual	Actual
Buchanan Elementary School	\$ -	\$ -	\$ -
Holmes Middle School	\$ 450,000	\$ 364,815	\$ 85,185
Churchill High School	\$ -	\$ -	\$ -
Totals	\$ 450,000	\$ 364,815	\$ 85,185



NTH Consultants, Ltd.

Infrastructure Engineering
and Environmental Services

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

Mr. Harry C. Lau
Administrator, Facilities and Operations
Livonia Public Schools
15125 Farmington Road
Livonia, Michigan 48154

April 7, 2017
NTH Project No. 62-160382-01

**RE: 2017 Livonia Public Schools Paving Program – Holmes Water Main
Contractor Award Recommendation
Holmes Middle School
City of Livonia, Wayne County, Michigan**

Dear Mr. Lau,

Per our discussion and review of the Contractor's bids received, we have reviewed the Contractors' bid totals for the referenced project. Based on our review the bids; specifically, the total bid to complete the work and the proposed contractor schedules and we recommend Livonia Public Schools retain Macomb Pipeline and Utilities for the 2017 Holmes Water Main Project. According Macomb's quote, the total construction contract amount should be \$324,815.00, not including bonds. However, we recommend maintaining some contingency funds for the project on the order of 10 to 15 percent (\$40,000) for unforeseen conditions that may be encountered.

Should you have any questions or need additional information regarding the project scope or budget, feel free to contact Abdunnasser Almadhoun at (248) 662-2721 (direct line) or John Stadnicar at (248) 662-2730 (direct line).

Sincerely,

NTH Consultants, Ltd.

Abdunnasser Y. Almadhoun, P.E.
Senior Project Engineer

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

AYA/JBS/kg

cc: Paul Theriault, P.E., LEED AP, Plante Moran Cresa
Scott Smith, LEED AP, Plante Moran Cresa



Holmes Middle School Water Main

		Engineer Estimate		Fonson Company Brighton, MI		CI Contracting Inc. Brighton, MI DISQUALIFIED		Macomb Pipeline & Utilities	
Item No.	Description of Item	Quantity	Unit	Unit Price	Item Cost	Unit Price	Item Cost	Unit Price	Item Cost
1	Mobilization	1	L.S.	\$31,700.00	\$31,700.00		\$0.00	\$30,000.00	\$30,000.00
2	Furnish and Install Erosion Control and Chain Link Fences	1	L.S.	\$46,000.00	\$46,000.00		\$0.00	\$10,000.00	\$10,000.00
3	Demolition of Pavement	6360	S.F.	\$1.40	\$8,904.00		\$0.00	\$2.00	\$12,720.00
4	Excavation for Construction	3115	C.Y.	\$10.50	\$32,707.50		\$0.00	\$5.00	\$15,575.00
5	Existing Exterior 4" dia Water Main removal and disposal	45	L.F.	\$63.00	\$2,835.00		\$0.00	\$20.00	\$900.00
6	Existing 8" dia Water Main Abandonment	1	L.S.	\$17,500.00	\$17,500.00		\$0.00	\$7,000.00	\$7,000.00
7	Installation of 8-inch D.I. Water Main and Fittings	1500	L.F.	\$49.50	\$74,250.00		\$0.00	\$96.00	\$144,000.00
8	Furnish and Install Wrap for 8-inch Water Main	1500	L.F.	\$1.00	\$1,500.00		\$0.00	\$4.00	\$6,000.00
9	Backfilling for 8-inch D.I. Water Main and Fittings	1500	L.F.	\$32.00	\$48,000.00		\$0.00	\$4.00	\$6,000.00
10	Construct/Furnish and Install 8-inch Gate Wells and Valves	5	EA.	\$4,750.00	\$23,750.00		\$0.00	\$3,200.00	\$16,000.00
11	Demolition and Disposal of Newburgh Gate Wells and Valves	2	EA.	\$1,025.00	\$2,050.00		\$0.00	\$2,000.00	\$4,000.00
12	Tapping Sleeve and Connections to Newburgh Rd Water Main	2	EA.	\$12,900.00	\$25,800.00		\$0.00	\$10,000.00	\$20,000.00
13	Remove and Return Existing Hydrants and Accessories	2	EA.	\$1,065.00	\$2,130.00		\$0.00	\$500.00	\$1,000.00
14	Furnish and Install Hydrants with Blow-off Valve and Box	2	EA.	\$4,700.00	\$9,400.00		\$0.00	\$4,000.00	\$8,000.00
15	Disposal of Excess Excavated Soils	300	CY	\$10.00	\$3,000.00		\$0.00	\$10.00	\$3,000.00
16	Restoration and Clean Up in Streets (including pavement)	35	L.F.	\$92.00	\$3,220.00		\$0.00	\$20.00	\$700.00
17	Restoration and Clean Up off the Street	975	L.F.	\$14.00	\$13,650.00		\$0.00	\$5.00	\$4,875.00
18	Replacing Concrete Curb and Gutter	15	L.F.	\$87.00	\$1,305.00		\$0.00	\$35.00	\$525.00
19	Traffic Control and Signage	5	days	\$325.00	\$1,625.00		\$0.00	\$200.00	\$1,000.00
20	Hydrostatic Pressure Test	1510	L.F.	\$2.00	\$3,020.00		\$0.00	\$1.00	\$1,510.00
21	Disinfection of Water Main	1510	L.F.	\$2.30	\$3,473.00		\$0.00	\$1.00	\$1,510.00
22	Meter Tree Replacement	1	L.S.	\$25,600.00	\$25,600.00		\$0.00	\$22,000.00	\$22,000.00
23	Demobilization - Closeout	1	L.S.	\$6,000.00	\$6,000.00		\$0.00	\$8,500.00	\$8,500.00
Totals					\$387,419.50		\$0.00	Totals	\$324,815.00
Total Per Bid					\$387,419.50			Total Per Bid	\$324,815.00
								Contingency (10%)	\$32,481.50
								Contingency (15%)	\$48,722.25

Equal opportunity statement	Yes		Yes
Sworn and notarized familial disclosure statement	Yes	Did not Provide - Disqualified	Yes
Iran sanctions statement	Yes	Did not Provide - Disqualified	Yes
Bid bond	Yes	Yes	Yes
Price firm for _____ days	N/A		N/A
Terms of payment	N/A		N/A
Addendums Acknowledged	Yes		Yes
Comments:			

Recorded by:
Anita Phillips

Witnessed By:
Harry Lau