



November 5, 2020

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

RE: Sinking Fund Projects  
Contract Award Recommendation for Roof Replacement Project  
Riley Upper Elementary School, Randolph Elementary School, Hayes Elementary School

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, Roofing Technology Associates, Ltd. (RTA), LPS administration and staff (the Project Team) to present a framework in order to identify, evaluate and recommend Prime Contractor firms for these Projects.

On October 2, 2020, 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 website.

On October 20, 2020, eight (8) bid proposals were received for the Projects and over the next several days were reviewed to determine the budget implications. Interviews were conducted on October 26, 2020 and October 27, 2020 and were attended by representatives from the Project Team. The scope of work (which includes full removal and replacement of the existing roofing systems), project schedule, phasing, manpower requirements, safety, and other particulars regarding the work were reviewed and discussed.

Upon completion of the interviews, and after subsequent clarifications and discussions, the Project Team is recommending the Firms listed in RTA's recommendation letter dated November 3, 2020 as the lowest responsible bidders. The recommendation is to award work at Riley Upper Elementary, Randolph Elementary and Hayes Elementary Schools.

Including hard construction of \$3,196,800 and construction contingency of \$191,808 (6%), the total Project award recommendation equals \$3,388,608.

For the Prime Contractor, the cost for this work will be detailed in AIA Contract A105 – 2017 Standard Form of Agreement between Owner and Contractor, as modified, 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 at [scott.smith@plantemoran.com](mailto:scott.smith@plantemoran.com).

Sincerely,

PLANTE MORAN CRESA



Brian Weber  
Senior Consultant

Enclosures:     Cost Summary  
                  Roofing Technology Associates, LTD. Recommendation Letter  
                  Bid Tabulation  
                  Existing Roofing Condition Map



**2021 ROOFING REPLACEMENT - COST SUMMARY**

	<b>Hard Construction</b>		
<b>Project</b>	<b>Budget</b>	<b>Actual</b>	<b>Variance</b>
Riley Upper Elementary School	\$ 1,908,345	\$ 1,875,900	\$ (32,445)
Randolph Elementary School	\$ 853,905	\$ 802,900	\$ (51,005)
Hayes Elementary School	\$ 758,785	\$ 518,000	\$ (240,785)
<b>Totals</b>	<b>\$ 3,521,035</b>	<b>\$ 3,196,800</b>	<b>\$ (324,235)</b>

	<b>Construction Contingency</b>		
	<b>Budget (8%)</b>	<b>Actual (6%)</b>	<b>Variance</b>
Project Contingency	\$ 281,683	\$ 191,808	\$ (89,875)
<b>Totals</b>	<b>\$ 281,683</b>	<b>\$ 191,808</b>	<b>\$ (89,875)</b>

	<b>Total Project Costs</b>		
	<b>Budget</b>	<b>Actual</b>	<b>Variance</b>
Project Total	\$ 3,802,718	\$ 3,388,608	\$ (414,110)
<b>Totals</b>	<b>\$ 3,802,718</b>	<b>\$ 3,388,608</b>	<b>\$ (414,110)</b>



## ROOFING TECHNOLOGY ASSOCIATES, LTD.

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38031 SCHOOLCRAFT  
LIVONIA, MICHIGAN 48150-1065  
(734) 591-4444 • FAX (734) 591-1660 • E-MAIL: rta@rtaltd.com  
Web site www.rtaltd.com

November 3, 2020  
Project No. 19-048

Mr. Phillip Francis  
Livonia Public Schools  
15125 Farmington Road  
Livonia MI 48154-5474  
[pfrancis@livoniapublicschools.org](mailto:pfrancis@livoniapublicschools.org)

RE: BID EVALUATION  
Roof Replacement

- Riley Upper Elementary School
- Randolph Elementary School
- Hayes Elementary School

Livonia, Michigan

Dear Mr. Francis:

The bids for the referenced project were received by the School District on October 20, 2020 and opened in public. We have reviewed the bids which have been tabulated on the attached form.

The apparent low bidder for Randolph Elementary School at \$786,569 is Advanced Construction. We have reviewed their bids with them on October 26, 2020. They did not meet the project minimum specification requirements.

The apparent low bidder for Riley Upper Elementary at \$1,875,900 is Royal Roofing Company. They are second low bidder on Randolph Elementary School at \$802,900. We have reviewed their bids with them on October 27, 2020. We recommend awarding Riley Upper and Randolph Elementary Schools to Royal Roofing Company. They have indicated they could meet the schedule for next summer. They worked successfully in the school district this past summer.

The apparent lower bidder on Hayes Elementary School at \$518,000 is MTD Construction, Inc. We have reviewed their bid with them on October 26, 2020. We recommend awarding Hayes Elementary School to MTD Construction. They have indicated that they could meet the schedule for next summer. RTA is currently working with MTD Construction on a new school locally and is pleased with their workmanship.

Mr. Phillip Francis  
November 3, 2020  
Project No. 19-048  
Page 2



It is recommended to have a contingency fund for unforeseen conditions of approximately 6%.

Sincerely,

ROOFING TECHNOLOGY ASSOCIATES, LTD.

A handwritten signature in black ink that reads "Michael C. Bode". The signature is written in a cursive, flowing style.

Michael C. Bode, RRC  
Project Manager

MCB/lab

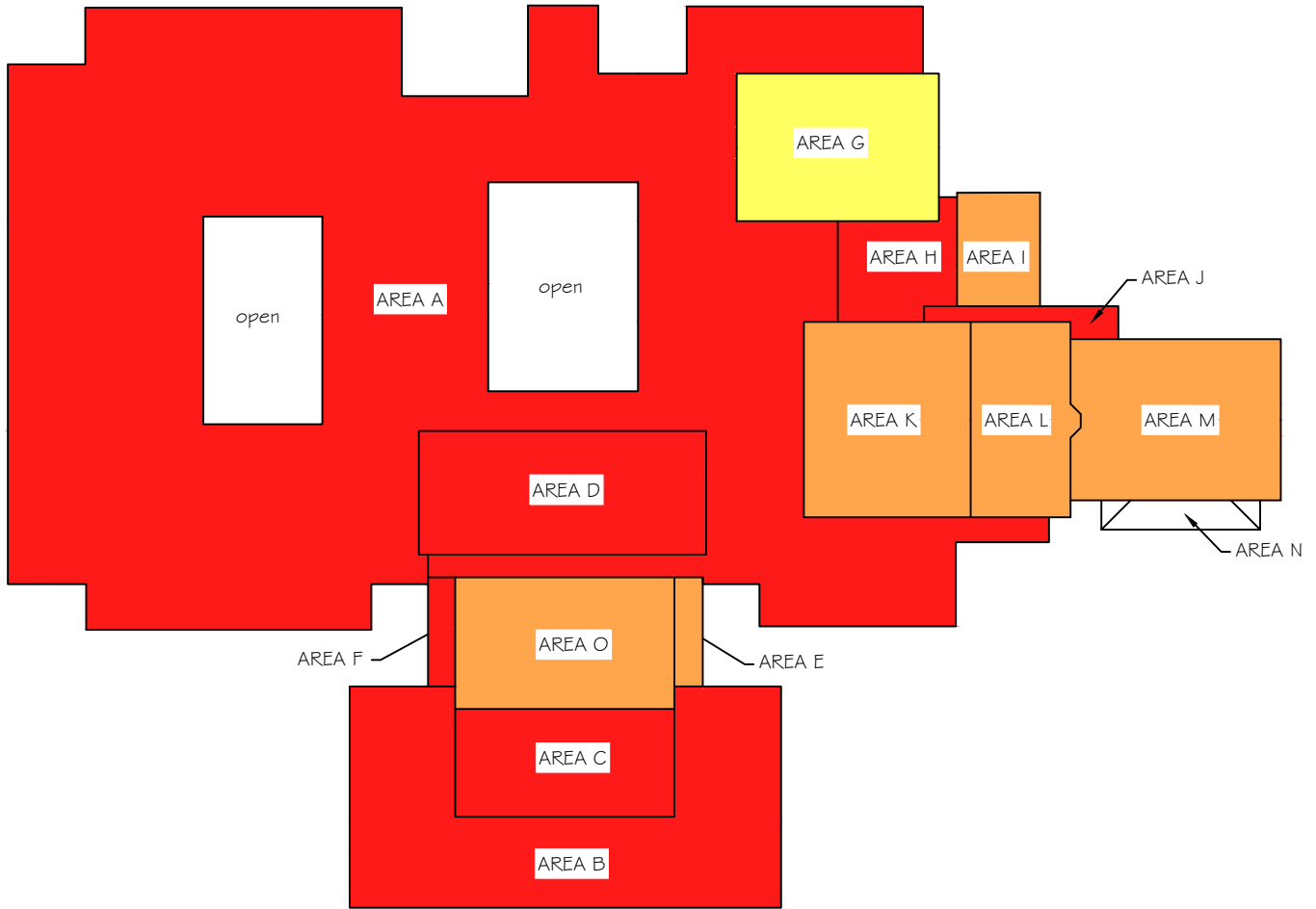
Attachment

Cc: Brian Weber



## LIVONIA SCHOOLS BID TABULATION

	ADVANCE CONST.	BLOOM ROOFING	JD CANDLER	LUTZ ROOFING	MTD CONST.	NEWTON CRANE	ROYAL ROOFING
<b>BASE BIDS</b>							
<b>RILEY</b>	\$1,925,000	\$1,919,960	\$2,496,000	\$1,890,000	----	----	\$1,875,900
<b>RANDOLPH</b>	\$786,569	\$935,600	\$889,000	\$864,000	----	----	\$802,900
<b>HAYES</b>	\$734,269	\$774,669	\$849,000	\$698,000	\$518,000	\$866,900	\$687,900
<b>TOTAL FOR 3 BLDGS.</b>	\$3,445,838	\$3,630,229	\$4,234,000	\$3,452,000	----	----	\$3,366,700
<b>Unit Price No. 1 – Wood Nailers</b>							
1 x 4	2.25	2.00	3.00	4.00	1.90	6.00	2.50
1 x 6	4.00	2.50	3.00	4.25	2.33	6.00	3.00
1 x 8	5.00	3.00	3.00	4.50	2.86	6.00	3.50
2 x 4	5.50	3.00	3.00	5.00	2.09	6.00	3.00
2 x 6	6.00	3.50	3.50	5.50	2.57	7.00	3.50
2 x 8	7.50	4.00	3.50	6.00	3.37	7.00	4.00
2 x 10	8.50	4.50	4.00	6.50	3.74	8.00	4.50
2 x 12	9.75	5.00	4.00	7.50	4.00	8.00	5.00
½" thick plywood	5.00	3.00	4.00	7.50	2.38	9.00	3.50
¾" thick plywood	7.00	3.50	5.00	9.50	2.76	9.00	4.50
<b>Unit Price No. 2 – Sheet Metal Plate</b>							
	3.25	2.50	3.50	5.00	3.00	5.00	4.50
<b>Unit Price No. 3 – Drain</b>							
	2,500	1,200	1,500	2,000	500	1,200	1,200
<b>Unit Price No. 4 – Deck</b>							
Steel	9.25	8.00	6.00	9.00	6.00	8.00	6.00
Tectum	26.00	15.00	25.00	15.00	15.00	25.00	15.00
Gypsum	30.00	20.00	25.00	25.00	5.52	45.00	35.00
<b>Unit Price No. 5 – 1.5" Insulation</b>							
	2.25	1.20	1.00	1.75	1.50	3.00	1.50



GENERAL NOTES:

1. All areas and dimensions shown are approximate and based upon rough field measurements taken by representatives of Roofing Technology Associates, Ltd.
2. This drawing should not be used for bidding or estimating purposes. Contractors are responsible for their own field measurements, quantities and verification of conditions shown.

CONDITION		SERVICEABLE LIFE	RCI
failed		0 - 1 years	0 - 30
very poor		1 - 3 years	31 - 45
poor		3 - 6 years	46 - 55
fair		6 - 10 years	56 - 65
fair to good		10 - 15 years	66 - 75
good		15+ years	76 - 100

## ROOF AREA PLAN

not to scale

NOTE: components shown are new unless noted as existing



**ROOFING TECHNOLOGY ASSOCIATES, LTD.**

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LIVONIA PUBLIC SCHOOLS  
RILEY UPPER ELEMENTARY SCHOOL  
15555 HENRY RUFF ST  
LIVONIA, MICHIGAN

**Project No:** 17-043

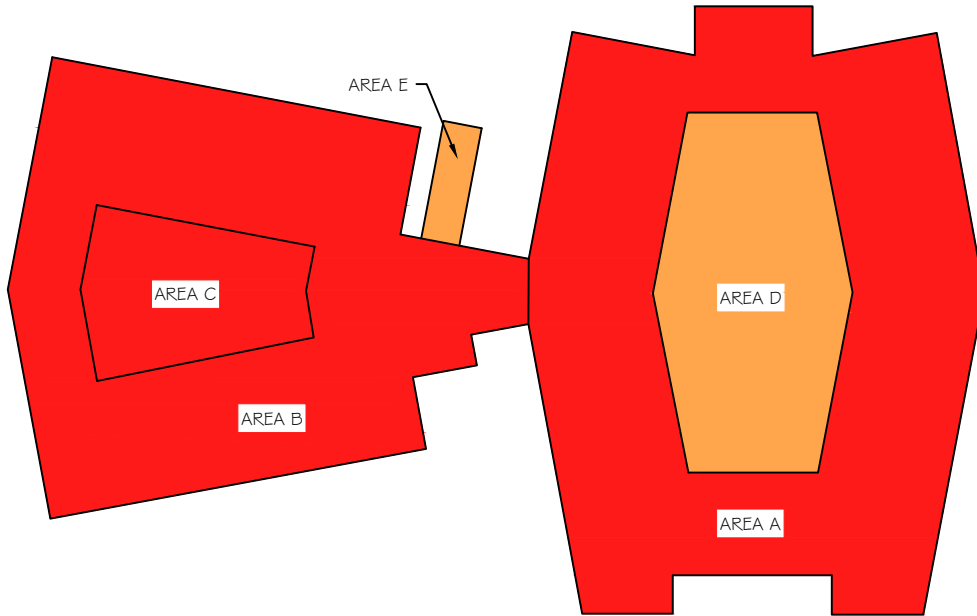
**Drawn By:** JDS

**Detail No:**

**Date:** JUNE, 2017

**Checked By:** MCB

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(734) 591-4444

LIVONIA PUBLIC SCHOOLS  
RANDOLPH ELEMENTARY SCHOOL  
14470 NORMAN ST  
LIVONIA, MICHIGAN

**Project No:** 17-043

**Drawn By:** JDS

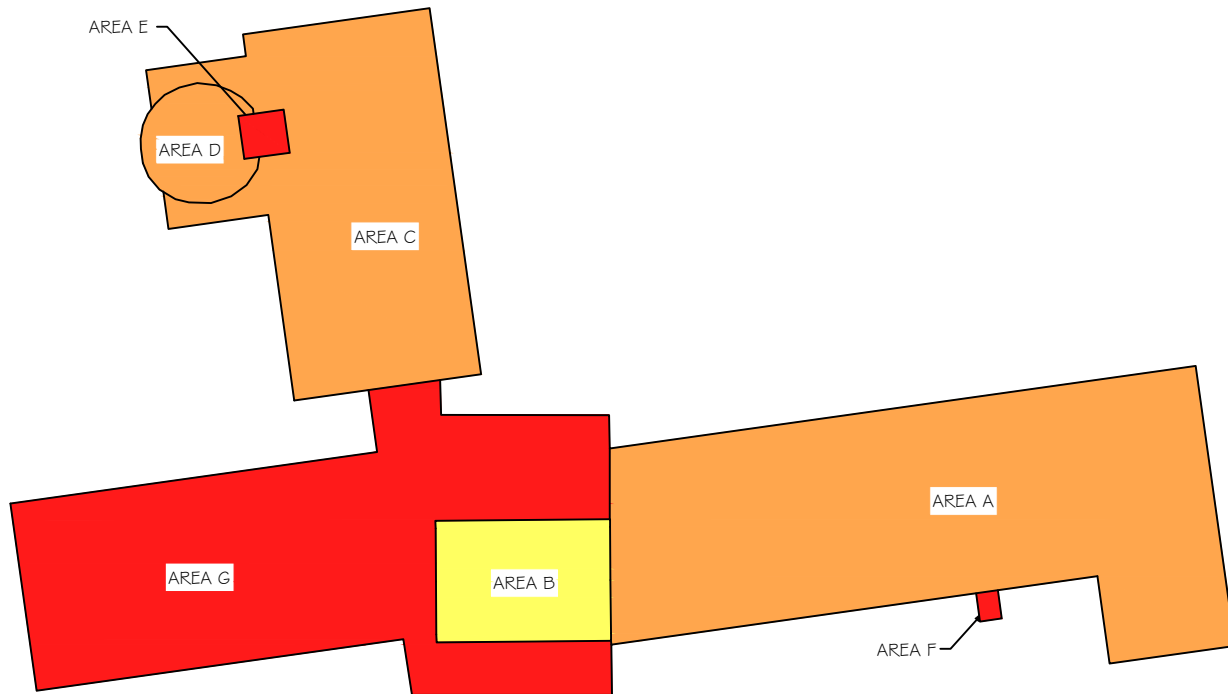
**Detail No:**

**Date:** JUNE, 2017

**Checked By:** MCB

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LIVONIA, MICHIGAN 48150-1065  
(734) 591-4444

LIVONIA PUBLIC SCHOOLS  
HAYES ELEMENTARY SCHOOL  
30500 CURTIS RD  
WESTLAND, MICHIGAN

<b>Project No:</b> 17-043	<b>Drawn By:</b> JDS	<b>Detail No:</b>  7
<b>Date:</b> JUNE, 2017	<b>Checked By:</b> MCB	