

**RIVERVIEW COMMUNITY SCHOOLS
2018 BOND APPLICATION
ESTIMATE
RIVERVIEW, MICHIGAN
Summary
FOR REFERENCE ONLY**

May 25, 2018
REV 03 6/5/2018

DESCRIPTION	Total Cost	2019	2021
Forest Elementary School	\$1,126,023		\$ 1,126,023
Huntington Elementary School	\$866,253		\$ 866,253
Memorial Elementary	\$1,430,771		\$ 1,430,771
Seitz Middle School	\$7,096,424	\$ 7,096,424	
High School	\$2,130,479		\$ 2,130,479
Transportation Building	\$0		\$ -
TOTAL ESTIMATED COSTS	\$12,649,951	\$7,096,424	\$5,553,527
TOTAL BUDGET	\$12,649,951	\$7,096,424	\$5,553,527
Delta (amount to cut)	\$0.00	\$0.00	\$0.00

**RIVERVIEW COMMUNITY SCHOOLS
2018 BOND APPLICATION
ESTIMATE
RIVERVIEW, MICHIGAN
Forest Proposal**

May 25, 2018
REV 03 6/5/2018

DESCRIPTION		Unit of Meas.	Quan.	Unit Cost	Total Cost
<u>Sitework</u>					
1	Parking lot improvements	lpsm	1	\$200,000	\$200,000
2	New Playground Equipment	lpsm	1	\$100,000	\$100,000
Total Sitework					\$300,000
<u>Architectural - Envelope</u>					
1	No work this section	allow	0	\$0.00	\$0
Total Architectural - Envelope					\$0
<u>Architectural - Interior</u>					
1	Add door directly into main office for secure entrance	each	1	\$50,000	\$50,000
Total Architectural - Interior					\$50,000
<u>Plumbing</u>					
No work				\$0.00	\$0
Total Plumbing					\$0
<u>Fire Protection</u>					
No work					\$0
Total Fire Protection					\$0
<u>Mechanical</u>					
1	Replace boilers	allow	1	\$250,000	\$250,000
Total Mechanical					\$250,000
<u>Electrical</u>					
1	Replace secondary conductors	allow	1	\$50,000.00	\$50,000
2	New Main Distribution Panel - 1600AMP w/ Manual Transfer Switch	allow	1	\$150,000	\$150,000
3	Replace PA System	allow	1	\$30,000	\$30,000
4	Electrical at new boiler	allow	1	\$10,000	\$10,000
Total Electrical					\$240,000
Total Cost			56,220		\$840,000
General Conditions			7.00%		\$58,800
Subtotal					\$898,800

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Forest Proposal**

May 25, 2018
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DESCRIPTION	Unit of Meas.	Quan.	Unit Cost	Total Cost
Estimating Contingency	7.00%			\$62,916
Project Contingency	5.00%			\$44,940
Total Direct Costs				<u>\$1,006,656</u>
Testing	0.50%			\$5,033
Utility Permits & Fees				\$0
Subtotal				<u>\$1,011,689</u>
Permits	0.50%			\$5,058
Subtotal				<u>\$1,016,748</u>
Design Fees	5.50%			\$55,921
CM Fees	2.25%			\$22,877
Subtotal				<u>\$1,095,546</u>
General Liability	0.50%			\$5,478
Subtotal				<u>\$1,101,023</u>
Fixtures Furnishings & Equipment - Security Cameras				\$20,000
Instructional Technology				\$0
Asbestos Abatement				\$5,000
TOTAL COSTS			\$20.03	<u>\$1,126,023</u>

New Construction	\$0.00
Remodeling	\$589,287.54
Construction Contingencies	\$107,856.00
Instructional Technology	\$0.00
Loose Furnishing/Equipment/Non-Instructional Technology	\$20,000.00
Buses	\$0.00
Site Work	\$324,604.19
Site Acquisition	\$0.00
Architectural Fees and Costs	\$55,921.12
CM Fees and Costs	\$28,354.55
TOTAL COSTS	<u>\$1,126,023</u>

**RIVERVIEW COMMUNITY SCHOOLS
2018 BOND APPLICATION
ESTIMATE
RIVERVIEW, MICHIGAN
Huntington Proposal**

May 25, 2018
REV 03 6/5/2018

	DESCRIPTION	Unit of Meas.	Quan.	Unit Cost	Total Cost
	<u>Sitework</u>				
1	Parking lot improvements	allow	1	\$362,000	\$362,000
2	New Playground Equipment	lpsm	1	\$100,000	\$100,000
	Total Sitework				<u>\$462,000</u>
	<u>Architectural - Envelope</u>				
1	No work this section			\$0.00	\$0
				\$0.00	\$0
	Total Architectural - Envelope				<u>\$0</u>
	<u>Architectural - Interior</u>				
1	Renovation of office to include secure vestibule	sqft	2,200	\$80.00	\$176,000
	Total Architectural - Interior				<u>\$176,000</u>
	<u>Plumbing</u>				
1		allow		\$10,000.00	\$0
	Total Plumbing				<u>\$0</u>
	<u>Fire Protection</u>				
	No work this section			\$0.00	\$0
	Total Fire Protection				<u>\$0</u>
	<u>Mechanical</u>				
1	No work this section	lpsm		\$15,000	\$0
	Total Mechanical				<u>\$0</u>
	<u>Electrical</u>				
1	No work this section	sqft		\$0.85	\$0
2		allow		\$25,000	\$0
3		lnft		\$50.00	\$0
	Total Electrical				<u>\$0</u>
	Total Cost		<u>35,000</u>		<u>\$638,000</u>

**RIVERVIEW COMMUNITY SCHOOLS
2018 BOND APPLICATION
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RIVERVIEW, MICHIGAN
Huntington Proposal**

May 25, 2018
REV 03 6/5/2018

DESCRIPTION	Unit of Meas.	Quan.	Unit Cost	Total Cost
General Conditions	7.00%			\$44,660
Subtotal				<u>\$682,660</u>
Estimating Contingency	7.00%			\$47,786
Project Contingency	5.00%			\$34,133
Total Direct Costs				<u>\$764,579</u>
Testing	0.50%			\$3,823
Utility Permits & Fees				\$0
Subtotal				<u>\$768,402</u>
Permits	0.50%			\$3,842
Subtotal				<u>\$772,244</u>
Design Fees	5.50%			\$42,473
CM Fees	2.25%			\$17,375
Subtotal				<u>\$832,093</u>
General Liability	0.50%			\$4,160
Subtotal				<u>\$836,253</u>
Fixtures Furnishings & Equipment - Security Cameras				\$20,000
Instructional Technology				\$0
Asbestos Abatement				\$10,000
TOTAL COSTS			\$24.75	<u>\$866,253</u>

New Construction	\$0.00
Remodeling	\$200,434.46
Construction Contingencies	\$81,919.20
Instructional Technology	\$0.00
Loose Furnishing/Equipment/Non-Instructional Technology	\$20,000.00
Buses	\$0.00
Site Work	\$499,890.45
Site Acquisition	\$0.00
Architectural Fees and Costs	\$42,473.43
CM Fees and Costs	\$21,535.96
TOTAL COSTS	<u>\$866,253</u>

**RIVERVIEW COMMUNITY SCHOOLS
2018 BOND APPLICATION
ESTIMATE
RIVERVIEW, MICHIGAN
Memorial Proposal**

May 25, 2018
REV 03 6/5/2018

DESCRIPTION		Unit of Meas.	Quan.	Unit Cost	Total Cost
<u>Sitework</u>					
1	Parking Lot Improvements	lpsm	1	\$300,000	\$300,000
2	Playground Equipment	allow	1	\$100,000	\$100,000
Total Sitework					<u>\$400,000</u>
<u>Architectural - Envelope</u>					
1	No work this section	sqft	0	\$0.00	<u>\$0</u>
Total Architectural - Envelope					<u>\$0</u>
<u>Architectural - Interior</u>					
1	Office/Administration Area to include secure vestibule	sqft	3,250	\$70.00	<u>\$227,500</u>
Total Architectural - Interior					<u>\$227,500</u>
<u>Plumbing</u>					
No work this section					<u>\$0</u>
Total Plumbing					<u>\$0</u>
<u>Fire Protection</u>					
No work this section					<u>\$0</u>
Total Fire Protection					<u>\$0</u>
<u>Mechanical</u>					
1	Replace Chiller with new 135 ton unit	lpsm	1	\$250,000	<u>\$250,000</u>
Total Mechanical					<u>\$250,000</u>
<u>Electrical</u>					
1	Replace Electrical Service	allow	1	#####	\$100,000
2	Manual Transfer Switch	allow	1	\$60,000	\$60,000
3	Replace PA System	allow	1	\$25,000	\$25,000
4	Electrical disconnect and reconnect at new chiller	allow	1	\$10,000	<u>\$10,000</u>
Total Electrical					<u>\$195,000</u>
Total Cost			<u>56,920</u>		<u>\$1,072,500</u>
General Conditions		7.00%			\$75,075

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Memorial Proposal**

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DESCRIPTION	Unit of Meas.	Quan.	Unit Cost	Total Cost
Subtotal				<u>\$1,147,575</u>
Estimating Contingency	7.00%			\$80,330
Project Contingency	5.00%			<u>\$57,379</u>
Total Direct Costs				<u>\$1,285,284</u>
Testing	0.50%			\$6,426
Utility Permits & Fees				<u>\$0</u>
Subtotal				<u>\$1,291,710</u>
Permits	0.50%			<u>\$6,459</u>
Subtotal				<u>\$1,298,169</u>
Design Fees	5.50%			\$71,399
CM Fees	2.25%			<u>\$29,209</u>
Subtotal				<u>\$1,398,777</u>
General Liability	0.50%			<u>\$6,994</u>
Subtotal				<u>\$1,405,771</u>
Fixtures Furnishings & Equipment - Security Cameras				\$20,000
Instructional Technology				\$0
Asbestos Abatement				<u>\$5,000</u>
TOTAL COSTS			\$25.14	<u>\$1,430,771</u>

New Construction	\$0.00
Remodeling	\$732,654.39
Construction Contingencies	\$137,709.00
Instructional Technology	\$0.00
Loose Furnishing/Equipment/Non-Instructional Technology	\$20,000.00
Buses	\$0.00
Site Work	\$432,805.58
Site Acquisition	\$0.00
Architectural Fees and Costs	\$71,399.29
CM Fees and Costs	<u>\$36,202.69</u>
TOTAL COSTS	<u>\$1,430,771</u>

**RIVERVIEW COMMUNITY SCHOOLS
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RIVERVIEW, MICHIGAN
Seitz Proposal**

May 25, 2018
REV 03 6/5/2018

	DESCRIPTION	Unit of Meas.	Quan.	Unit Cost	Total Cost
	<u>Sitework</u>				
1	Parking Lot Improvements	allow	1	\$383,000.00	\$383,000
2	Sitework at addition	allow	1	\$75,000.00	\$75,000
	Total Sitework				<u>\$383,000</u>
	<u>Architectural - Envelope</u>				
1	Upgrade exterior walls at pool - new brick on existing back-up	sqft	2,100	\$40.00	\$84,000
2	New Windows at pool	sqft	980	\$70.00	\$68,600
3	New FRP Doors	each	2	\$6,500.00	\$13,000
4	Replace Roof at Pool	sqft	6,700	\$15.00	\$100,500
	Total Architectural - Envelope				<u>\$266,100</u>
	<u>Additions</u>				
1	Pool Addition	sqft	1,584	\$250.00	\$396,000
	Total Additions				<u>\$396,000</u>
	<u>Architectural - Interior</u>				
1	Office Renovation to include secure vestibule	sqft	3,800	\$75	\$285,000
2	Renovation of existing pool area	sqft	6,600	\$137	\$904,200
3	New pool and equipment	allow	1	\$1,300,000	\$1,300,000
4	Kitchen Equipment	allow	1	\$200,000.00	\$200,000
	Total Architectural - Interior				<u>\$2,689,200</u>
	<u>Plumbing</u>				
1	Kitchen Equipment Upgrades Plumbing Renovations	allow	1	\$25,000.00	\$25,000
2	New Domestic Hot Water Heater	allow	1	\$30,000.00	\$30,000
	Total Plumbing				<u>\$25,000</u>
	<u>Fire Protection</u>				
1	Fire Protection at Pool Reno	sqft	6,600	\$4.00	\$26,400
	Total Fire Protection				<u>\$26,400</u>
	<u>Mechanical</u>				
1	New Pool Heater	allow	1	\$120,000	\$120,000

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Seitz Proposal**

May 25, 2018
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DESCRIPTION	Unit of Meas.	Quan.	Unit Cost	Total Cost
2 New PoolPak Air Handler	allow	1	\$320,000	\$320,000
3 HVAC at Kitchen Renovations	allow	1	\$500,000	\$500,000
Total Mechanical				\$940,000
Electrical				
1 Replace Electrical Service	allow	1	\$150,000.00	\$150,000
2 Replace Main Distribution Panel - 1200amp w/ Manual Transfer Switch	allow	1	\$120,000	\$120,000
3 Replace Panelboards	each	10	\$5,000	\$50,000
4 Replace PA System	allow	1	\$80,000	\$80,000
5 Electrical at Pool Renovation	sqft	6,600	\$32	\$211,200
6 Kitchen Equipment Electrical disconnect and reconnect new	allow	1	\$20,000	\$20,000
Total Electrical				\$631,200
Total Cost			120,000	\$5,356,900
General Conditions	7.00%			\$374,983
Subtotal				\$5,731,883
Estimating Contingency	7.00%			\$401,232
Project Contingency	5.00%			\$286,594
Total Direct Costs				\$6,419,709
Testing	0.50%			\$32,099
Utility Permits & Fees				\$0
Subtotal				\$6,451,808
Permits	0.50%			\$32,259
Subtotal				\$6,484,067
Design Fees	5.50%			\$356,624
CM Fees	2.25%			\$145,891
Subtotal				\$6,986,582
General Liability	0.50%			\$34,933
Subtotal				\$7,021,515
Fixtures Furnishings & Equipment - Security Cameras				\$24,909
Instructional Technology				\$0
Asbestos Abatement				\$50,000
TOTAL COSTS			\$59.14	\$7,096,424

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Seitz Proposal**

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DESCRIPTION	Unit of Meas.	Quan.	Unit Cost	Total Cost
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RIVERVIEW, MICHIGAN
Seitz Proposal**

May 25, 2018
REV 03 6/5/2018

DESCRIPTION	Unit of Meas.	Quan.	Unit Cost	Total Cost
New Construction	sqft	1,584	\$270.50	\$428,477.53
Remodeling				\$5,003,351.71
Construction Contingencies				\$687,825.96
Instructional Technology				\$0.00
Loose Furnishing/Equipment/Non-Instructional Technology				\$24,909.39
Buses				\$0.00
Site Work				\$414,411.35
Site Acquisition				\$0.00
Architectural Fees and Costs				\$356,623.66
CM Fees and Costs				\$180,824.41
TOTAL COSTS				\$7,096,424

**RIVERVIEW COMMUNITY SCHOOLS
2018 BOND APPLICATION
ESTIMATE
RIVERVIEW, MICHIGAN
High School Proposal**

May 25, 2018
REV 03 6/5/2018

	DESCRIPTION	Unit of Meas.	Quan.	Unit Cost	Total Cost
	<u>Sitework</u>				
1	Parking lot improvements	allow	1	\$860,000	\$860,000
2	Sitework at relocated Main Office - sidewalks and landscape restored	allow	1	\$40,000	\$40,000
2	Archway and Site Sinage	allow	1	\$50,000	\$50,000
					<u>\$950,000</u>
	<u>Architectural - Envelope</u>				
	No work this section	allow	0	\$0.00	\$0
	Total Architectural - Envelope				<u>\$0</u>
	<u>Additions</u>				
	No work this section	allow	0	\$185.00	\$0
	Total Additions				<u>\$0</u>
	<u>Architectural - Interior</u>				
1	Relocate Main Office and add Secure Vestibule	sqft	2,500	\$55.00	\$137,500
	Total Architectural - Interior				<u>\$137,500</u>
	<u>Plumbing</u>				
	No Work this section	allow	0	\$0.00	\$0
	Total Plumbing				<u>\$0</u>
	<u>Fire Protection</u>				
1	No Work this section	sqft	0	\$3.00	\$0
	Total Fire Protection				<u>\$0</u>
	<u>Mechanical</u>				
1	No Work this section	sqft	0	\$40.00	\$0
	Total Mechanical				<u>\$0</u>
	<u>Electrical</u>				
1	Replace Electical Service	allow	1	\$150,000.00	\$150,000
2	Replace Main Distribution Panel - 1600 amp w/Manual Transfer Switch	allow	1	\$150,000.00	\$150,000
3	Replace Panelboards	each	10	\$5,000	\$50,000

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RIVERVIEW, MICHIGAN
High School Proposal**

May 25, 2018
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DESCRIPTION	Unit of Meas.	Quan.	Unit Cost	Total Cost
4 Repalce PA System	allow	1	\$100,000.00	\$100,000
Total Electrical				<u>\$450,000</u>
Total Cost		<u>140,000</u>		<u>\$1,537,500</u>
General Conditions	7.00%			\$107,625
Subtotal				<u>\$1,645,125</u>
Estimating Contingency	7.00%			\$115,159
Project Contingency	5.00%			\$82,256
Total Direct Costs				<u>\$1,842,540</u>
Testing	0.25%			\$4,606
Utility Permits & Fees	0.00%			\$0
Subtotal				<u>\$1,847,146</u>
Permits	0.50%			\$9,236
Subtotal				<u>\$1,856,382</u>
Design Fees	5.50%			\$102,101
CM Fees	2.25%			\$41,769
Subtotal				<u>\$2,000,252</u>
General Liability	0.50%			\$10,001
Subtotal				<u>\$2,010,253</u>
Fixtures Furnishings & Equipment - Security Cameras				\$100,226
Instructional Technology				\$0
Asbestos Abatement				\$20,000
TOTAL COSTS			\$15.22	<u>\$2,130,479</u>

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ESTIMATE
RIVERVIEW, MICHIGAN
High School Proposal**

May 25, 2018
REV 03 6/5/2018

DESCRIPTION	Unit of Meas.	Quan.	Unit Cost	Total Cost
New Construction	sqft	0	#DIV/0!	\$0.00
Remodeling				\$653,914.25
Construction Contingencies				\$197,415.00
Instructional Technology				\$0.00
Loose Furnishing/Equipment/Non-Instructional Technology				\$100,226.20
Buses				\$0.00
Site Work				\$1,025,052.83
Site Acquisition				\$0.00
Architectural Fees and Costs				\$102,101.01
CM Fees and Costs				\$51,769.86
TOTAL COSTS				\$2,130,479