



STATE OF MARYLAND  
 PUBLIC SCHOOL CONSTRUCTION PROGRAM  
 200 W. BALTIMORE STREET  
 BALTIMORE, MARYLAND 21201  
 410-767-0617

LARRY HOGAN  
 GOVERNOR

INTERAGENCY COMMITTEE ON SCHOOL CONSTRUCTION

ROBERT A. GORRELL  
 EXECUTIVE DIRECTOR

KAREN SALMON, Ph.D.  
 CHAIRPERSON

**MEMORANDUM**

**PLEASE REVIEW AND RESPOND PRIOR TO MARCH 9, 2018**

**TO:** Dr. Karen Salmon, Mr. Robert McCord, Mr. Ellington Churchill  
 Ms. Barbara Hoffman, and Mr. John Bohanan  
**FROM:** Robert A. Gorrell *RAG*  
**DATE:** March 6, 2018  
**RE:** Approval of Expedited IAC Agenda Items

The following items are enclosed for your review and/or approval for expedited processing.

**APPROVAL OF CORRECTIONS TO THE MINUTES**

See Item I - Individual items listed separately

**APPROVAL OF CONTRACTS**

See Item II Approval of Contracts Summary Page

Approval of items is recommended. Committee votes will be recorded at the next IAC meeting.

**Please call or email prior to March 9, 2018 with your comments and approval.**

RAG:cv

Attachment

cc: Clarence Felder, Michael Bayer, Fred Mason, III

**Item I. Prior Meeting Agenda Revisions**

September 13, 2017 -

SECTION III – Approval of Contracts

Maryland School for the Blind – Newcomer, Case and Campbell Halls

PSC# 25.001.14/18 LPC

Project Type: Renovation/ Addition

Change Local Funding from \$33,025,491 to \$32,885,223

Change State Funding from \$1,180,437 to \$1,320,705

Add Note:

4) Increase in State funding due to an amendment to the FY 2018 CIP.

IAC ACTION: THE ABOVE REFERENCED ITEMS WERE:

	Approved	Disapproved	Deferred	Abstain	Recuse
Dr. Karen Salmon	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Robert McCord	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Ellington Churchill, Jr.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ms. Barbara Hoffman	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mr. John Bohanan	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## **Item II. Approval of Contracts**

		<b>Total Contract</b>	<b>State Funds</b>	<b>Local Funds</b>
<b><u>Anne Arundel County</u></b>				
1.	Brock Bridge Elementary PSC #02.093.18 C Renovation - Open Space Conversion - #2 1R - Baltimore Contractors, Inc.	<b>\$2,774,000</b>  \$2,774,000	\$1,387,000	\$1,387,000
<b><u>Baltimore County</u></b>				
2.	Patapsco High & Center for the Arts PSC #03.145.18 LP Limited Renovation - Contract #1 (1 contract) 1 - Towson Mechanical, Inc.	<b>\$29,495,000</b>  \$29,495,000	\$0	\$29,495,000
<b><u>Frederick County</u></b>				
3.	Emmitsburg Elementary PSC #10.006.18 SR Systemic Renovation - Roof Replacement J & K Contracting, Inc.	<b>\$440,000</b>  \$440,000	\$281,600	\$158,400
4.	Valley Elementary PSC #10.018.18 ASP ASP - Fire Alarm Replacement Ark Systems, Inc.	<b>\$148,407</b>  \$148,407	\$75,000	\$73,407
5.	Whittier Elementary PSC #10.054.18 ASP ASP - Fire Alarm Replacement Ark Systems, Inc.	<b>\$119,293</b>  \$119,293	\$90,000	\$29,293
6.	Governor Thomas Johnson High PSC #10.057.15/18 SR Systemic Renovation - Roof Replacement - Phase I Heidler Roofing Services, Inc.	<b>\$899,000</b>  \$899,000	\$559,000	\$340,000
7.	Governor Thomas Johnson Middle PSC #10.059.18 SR Systemic Renovation - Boiler Replacement Daikin Applied Americas, Inc.	<b>\$395,000</b>  \$395,000	\$246,000	\$149,000
<b><u>Prince George's County</u></b>				
8.	Central High PSC #16.010.17 SR Systemic Renovation - Elevator Replacement Nichols Contracting, Inc.	<b>\$241,483</b>  \$241,483	\$113,008	\$128,475
9.	Lewisdale Elementary PSC #16.049.17 SR Systemic Renovation - Fan Coil Unit Replacement Adrian L. Merton, Inc.	<b>\$1,010,813</b>  \$1,010,813	\$517,000	\$493,813
10.	High Bridge Elementary	<b>\$1,080,030</b>	\$484,000	\$596,030

	PSC #16.058.17 SR Systemic Renovation - Piping/Ceiling Replacement Adrian L. Merton, Inc.	\$1,080,030		
11.	Hollywood Elementary PSC #16.068.17 SR Systemic Renovation - Boiler Replacement Shapiro & Duncan, Inc.	<b>\$670,833</b>	\$387,000	\$283,833
12.	Baden Elementary PSC #16.228.17 SR Systemic Renovation - UV Replacement Hot and Cold Corporation	<b>\$1,665,091</b>	\$969,000	\$696,091

**Summary Totals**

**Total Projects: 12                      Total Contracts: 12                      \$38,938,950    \$5,108,608    \$33,830,342**

Motion: To approve contract procurement as noted above

IAC ACTION: THE ABOVE REFERENCED ITEMS WERE:					
	Approved	Disapproved	Deferred	Abstain	Recuse
Dr. Karen Salmon	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Robert McCord	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Ellington Churchill, Jr.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ms. Barbara Hoffman	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mr. John Bohanan	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## **APPROVAL OF CONTRACTS**

LEA: Anne Arundel County

PSC No 02.093.18 C

Project Name: Brock Bridge Elementary

Bid Opening: 11/21/17

Project Type: Renovation

Scope of Work: Open Space Conversion - #2

Basis for Award of Contract: base bid plus alts. 1 & 2

Basis of Funding: 50% of eligible base bid plus alts. 1 & 2

Local Funds: \$1,387,000

State Funds: \$1,387,000

Total Contract: \$2,774,000

State Contingency for Change Orders: \$34,675

<b>Transfer State Funds:</b>	<b>Account No.</b>	<b>Amount</b>
<b>Decrease Project Amount:</b>	<u>02.093.2018</u>	<u>\$53,265</u>
<b>Increase Contingency Amount:</b>	<u>40.000.2018</u>	<u>\$53,265</u>
<b>Decrease Contingency Amount:</b>		<u>\$0</u>
<b>Increase Project Amount:</b>		<u>\$0</u>

<b><u>Contract #</u></b>	<b><u>Contractor</u></b>	<b><u>Total Contract</u></b>
1R	Baltimore Contractors, Inc.	<u>\$2,774,000</u>
		<b><u>\$2,774,000</u></b>

Notes: 1) Renovation of 41,770 sf of open space into conventional classrooms.

2) Prevailing wage rates apply to this contract.

IAC Approval Date:

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Contractor	Baltimore Contractors, Inc.	Towson Mechanical, Inc.	E. Pikounis Construction Co., Inc.	Tuckman-Barbee Construction Co., Inc.	Brawner Builders, Inc.
Addendum	Yes	Yes	Yes	Yes	Yes
Base Bid Amount	\$2,558,000	\$2,633,000	\$2,825,000	\$2,940,000	\$2,987,272
Alternate No. 1	\$71,000	\$122,300	\$101,000	\$85,000	\$89,256
Alternate No. 2	\$145,000	\$158,100	\$198,000	\$153,000	\$206,683
Total Bid Amount	\$2,774,000	\$2,913,400	\$3,124,000	\$3,178,000	\$3,283,211

Contractor	Temp Air Co.	Tito Contractors, Inc.	Nastos Construction, Inc.	Hanley Construction, Co., Inc.	Paige Industrial Services., Inc.
Addendum	Yes	Yes	Yes	Yes	Yes
Base Bid Amount	\$3,057,400	\$3,222,222	\$3,287,300	\$3,313,000	\$3,786,000
Alternate No. 1	\$111,800	\$73,002	\$59,195	\$65,000	\$76,000
Alternate No. 2	\$209,900	\$120,956	\$204,587	\$180,000	\$163,000
Total Bid Amount	\$3,379,100	\$3,416,180	\$3,551,082	\$3,558,000	\$4,025,000

**Bold** Indicates awardee, *italics* indicates Minority Business Enterprise

Alternate No. 1: Provide all work indicated for installation of new security vestibule. Scope of work includes but is not limited to modifications to Vestibule B01, Main Office B02, and Lobby B03.

Alternate No. 2: Provide all work indicated for installation of new Health Suite. Scope of work includes but is not limited to modifications to Conference C00, Health Suite C01, Toilet C02, Rest Area C03, Office C04, Rest area C05, Treatment C06, Computer Lab C07, and Corridor C08.

## APPROVAL OF CONTRACTS

LEA: Baltimore County

PSC No 03.145.18 LP

Project Name: Patapsco High & Center for the Arts

Bid Opening: 2/8/17

Project Type: Limited Renovation

Scope of Work: Contract #1 (1 contract)

Basis for Award of Contract: base bid

Basis of Funding: 56% of eligible base bid

Local Funds: \$29,495,000

State Funds: \$0

Total Contract: \$29,495,000

State Contingency for Change Orders: \$0

Transfer State Funds:	Account No.	Amount
Decrease Project Amount:		<u>\$0</u>
Increase Contingency Amount:		<u>\$0</u>
Decrease Contingency Amount:		<u>\$0</u>
Increase Project Amount:		<u>\$0</u>

<u>Contract #</u>	<u>Contractor</u>	<u>Total Contract</u>
1	Towson Mechanical, Inc.	<u>\$29,495,000</u>
		<u><b>\$29,495,000</b></u>

Notes: 1) Limited Renovation of 189,422 sf, for 1,302 students, including selected educational program enhancements and selected system upgrades.

2) Prevailing wage rates apply to this contract.

3) Project eligible for funding in a future fiscal year.

IAC Approval Date:

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Contract Name: Limited Renovations to Patapsco High School

Contract #: JMI-601-17

<i>Bidders</i>					
	<b>Towson Mechanical, Inc.</b>	<b>James W. Ancel, Inc.</b>	<b>Huntington and Hopkins, Inc.</b>	<b>Phillips Way, Inc.</b>	<b>W.M. Schlosser Company, Inc.</b>
Base Bid:	\$29,495,000	\$31,189,000	\$32,480,000	\$32,560,000	\$33,377,000
<i>Total</i>	\$29,495,000	\$31,189,000	\$32,480,000	\$32,560,000	\$33,377,000



**APPROVAL OF CONTRACTS**

LEA: Frederick County

PSC No 10.006.18 SR

Project Name: Emmitsburg Elementary

Bid Opening: 12/5/17

Project Type: Systemic Renovation

Scope of Work: Roof Replacement

Basis for Award of Contract: base bid

Basis of Funding: 64% of eligible base bid

Local Funds: \$158,400

State Funds: \$281,600

Total Contract: \$440,000

State Contingency for Change Orders: \$7,040

Transfer State Funds:	Account No.	Amount
Decrease Project Amount:	<u>10.006.2018</u>	<u>\$56,360</u>
Increase Contingency Amount:	<u>40.000.2018</u>	<u>\$56,360</u>
Decrease Contingency Amount:		<u>\$0</u>
Increase Project Amount:		<u>\$0</u>

<u>Contract #</u>	<u>Contractor</u>	<u>Total Contract</u>
	J & K Contracting, Inc.	<u>\$440,000</u>
		<u><b>\$440,000</b></u>

Notes: 1) Replacement of 23,677 sf of 1974 built-up roof on Sections A and B.

IAC Approval Date:

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Bid 18C2, Emmitsburg Elementary, Gov. Thomas Johnson High and Hillcrest Elementary (Phase II) Roof Replacement Projects  
**BID TABULATION**

Emmitsburg Elementary School – Roof Replacement	CitRoof	Cole Roofing	Heidler Roofing	J&K Contracting				
<b>A1. BASE BID: ROOF AREAS (BID PREVAILING WAGES) Roof Replacement of the Designated Roof Area plus Total Unit Sum Price.</b>	\$ 896,790.00	\$ 514,600.00	\$ 490,682.00	\$ 450,000.00				
<b>A1A. BASE BID: ROOF AREAS (BID WITHOUT PREVAILING WAGES) Roof Replacement of the Designated Roof Area plus Total Unit Sum Price.</b>	\$ 813,600.00	\$ 429,250.00	\$ 435,111.00	\$ 420,000.00				
<b>A2. DISCOUNT IF AWARDED MORE THAN ONE PROJECT</b>	\$ -	\$ -	\$ -	\$ 5,000.00				
<b>B. ALTERNATES: (BID WITH PREVAILING WAGES)</b>								
<b>Alternate No. 1: Not Used</b>								
<b>Alternate No. 2: Extension of TPA flashing membrane over brick walls</b>	\$ 29,000.00	\$ 6,500.00	\$ 5,366.00	\$ 10,000.00				
<b>Alternate No. 3: Replacement of existing metal siding panels</b>	\$ 36,000.00	\$ 49,830.00	\$ 77,899.00	\$ 12,000.00				
<b>B1. ALTERNATES: (BID WITHOUT PREVAILING WAGES)</b>								
<b>Alternate No. 1: Not Used</b>								
<b>Alternate No. 2: Extension of TPA flashing membrane over brick walls</b>	\$ 25,000.00	\$ 5,000.00	\$ 4,589.00	\$ 12,000.00				
<b>Alternate No. 3: Replacement of existing metal siding panels</b>	\$ 31,000.00	\$ 39,500.00	\$ 60,625.00	\$ 8,000.00				
<b>TOTAL:</b>	\$ 899,600.00	\$ 473,750.00	\$ 500,325.00	\$ 440,000.00				
<b>C. UNIT PRICE SCHEDULE:</b>	<b>Unit Price</b>	<b>Item Price</b>	<b>Unit Price</b>	<b>Item Price</b>	<b>Unit Price</b>	<b>Item Price</b>	<b>Unit Price</b>	<b>Item Price</b>
<b>UP.1 Patch hole in metal deck less than 1 s.f. each 20 s.f. @:</b>	\$ 10.00	\$ 200.00	\$ 1.00	\$ 20.00	\$ 1.00	\$ 20.00	\$ 5.00	\$ 100.00
<b>UP.2 Replace deteriorated metal deck in quantities greater than 1 s.f. each 300 s.f. @:</b>	\$ 10.00	\$ 3,000.00	\$ 7.00	\$ 2,100.00	\$ 8.00	\$ 2,400.00	\$ 6.00	\$ 1,800.00
<b>UP.3 Replace deteriorated wood blocking with 2x4 pressure-treated lumber, 200 l.f. @:</b>	\$ 3.50	\$ 700.00	\$ 1.00	\$ 200.00	\$ 3.00	\$ 600.00	\$ 3.00	\$ 600.00
<b>UP.4 Replace deteriorated wood blocking with 2x6 pressure-treated lumber, 200 l.f. @:</b>	\$ 3.75	\$ 750.00	\$ 1.25	\$ 250.00	\$ 3.50	\$ 700.00	\$ 4.00	\$ 800.00
<b>UP.5 Replace deteriorated wood blocking with 2x8 pressure-treated lumber, 200 l.f. @:</b>	\$ 4.05	\$ 810.00	\$ 1.50	\$ 300.00	\$ 4.00	\$ 800.00	\$ 5.00	\$ 1,000.00
<b>UP.6 Provide an independent Testing Agency Services as specified in Section 07520 – Hot Built-Up Asphalt Roofing to provide test cuts prior to flood coating. Lump Sum:</b>	\$ 750.00			\$ 500.00		\$ 250.00		\$ 3,500.00
<b>UP.7 Provide a Thermographic Inspection of insulation as specified in Section 07520 – Hot Built-Up Asphalt Roofing. Lump Sum:</b>		\$ 6,250.00		\$ 1,000.00		\$ 1,100.00		\$ 8,500.00

Unit prices listed for this project are applicable for both extra work that may be needed beyond the estimates included in the bid and for credits when materials are deleted from the project.

**APPROVAL OF CONTRACTS**

LEA: Frederick County

PSC No 10.018.18 ASP

Project Name: Valley Elementary

Bid Opening: 11/7/17

Project Type: ASP

Scope of Work: Fire Alarm Replacement

Basis for Award of Contract: base bid 5A plus 5B utilizing contract #18C4

Basis of Funding: ASP

Local Funds: \$73,407

State Funds: \$75,000

Total Contract: \$148,407

State Contingency for Change Orders: \$0

Transfer State Funds:	Account No.	Amount
Decrease Project Amount:		<u>\$0</u>
Increase Contingency Amount:		<u>\$0</u>
Decrease Contingency Amount:		<u>\$0</u>
Increase Project Amount:		<u>\$0</u>

<u>Contract #</u>	<u>Contractor</u>	<u>Total Contract</u>
	Ark Systems, Inc.	<u>\$148,407</u>
		<u><b>\$148,407</b></u>

Notes: 1) Replacement of the 1967 fire alarm system.  
2) Eligible for funding available within FY 2018 ASP allocation for LEA at time of reimbursement request.

IAC Approval Date:

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**BID 18C4, DESIGN BUILD FOR FIRE ALARM SYSTEM REPLACEMENT AT FIVE ELEMENTARY SCHOOLS**  
**BID TABULATION**

	Alk Systems	AES Electrical dba: Freestate Electrical	Life Safety	Next Wave Electric
Base Bid 1A: Design build fire alarm services for Spring Ridge Elementary School:	\$ 110,500.00	\$ 147,820.00	\$ 133,790.00	\$ 205,000.00
Base Bid 1B: Cost of Payment and Performance Bond:	\$ 1,591.20	\$ 1,543.00	\$ 2,341.00	\$ 5,125.00
<b>Subtotal Base Bid 1</b>	<b>\$ 112,091.20</b>	<b>\$ 149,363.00</b>	<b>\$ 136,131.00</b>	<b>\$ 210,125.00</b>
Base Bid 2A: Design build fire alarm services for Ballenger Creek Elementary School:	\$ 103,600.00	\$ 151,975.00	\$ 132,800.00	\$ 211,500.00
Base Bid 2B: Cost of Payment and Performance Bond:	\$ 1,497.60	\$ 1,580.00	\$ 2,324.00	\$ 5,288.00
<b>Subtotal Base Bid 2</b>	<b>\$ 105,297.60</b>	<b>\$ 153,555.00</b>	<b>\$ 135,124.00</b>	<b>\$ 216,788.00</b>
Base Bid 3A: Design build fire alarm services for Whittier Elementary School:	\$ 117,600.00	\$ 180,675.00	\$ 162,900.00	\$ 199,000.00
Base Bid 3B: Cost of Payment and Performance Bond:	\$ 1,693.44	\$ 1,831.00	\$ 2,850.00	\$ 4,975.00
<b>Subtotal Base Bid 3</b>	<b>\$ 119,293.44</b>	<b>\$ 182,506.00</b>	<b>\$ 165,750.00</b>	<b>\$ 203,975.00</b>
Base Bid 4A: Design build fire alarm services for Twin Ridge Elementary School:	\$ 113,200.00	\$ 145,630.00	\$ 156,400.00	\$ 202,000.00
Base Bid 4B: Cost of Payment and Performance Bond:	\$ 1,630.88	\$ 1,524.00	\$ 2,737.00	\$ 5,050.00
<b>Subtotal Base Bid 4</b>	<b>\$ 114,830.88</b>	<b>\$ 147,154.00</b>	<b>\$ 159,137.00</b>	<b>\$ 207,050.00</b>
Base Bid 5A: Design build fire alarm services for Valley Elementary School: (not sprinkler protected)	\$ 146,300.00	\$ 170,348.00	\$ 174,106.00	\$ 181,000.00
Base Bid 5B: Cost of Payment and Performance Bond:	\$ 2,107.00	\$ 1,741.00	\$ 3,046.00	\$ 4,525.00
<b>Subtotal Base Bid 5</b>	<b>\$ 148,407.00</b>	<b>\$ 172,089.00</b>	<b>\$ 177,152.00</b>	<b>\$ 185,525.00</b>
<b>GRAND TOTAL:</b>	<b>\$ 599,920.12</b>	<b>\$ 1,437,245.00</b>	<b>\$ 1,369,436.00</b>	<b>\$ 1,861,401.00</b>
<b>Unit Prices (Applicable for any Base Bid):</b>				
Unit Price #1: Programmed Addressable smoke detector, installed cost may apply on any bid site include 50 feet conduit and wire:	\$ 980.00	\$ 555.00	\$ 450.00	\$ 395.00
Unit Price #2: Programmed Addressable duct mounted smoke detector, installed cost may apply on any bid site include 50 feet conduit and wire:	\$ 1,341.00	\$ 795.00	\$ 675.00	\$ 750.00
Unit Price #3: Programmed Addressable pull station, installed cost may apply on any bid site include 50 feet conduit and wire:	\$ 1,099.00	\$ 555.00	\$ 525.00	\$ 410.00
Unit Price #4: Fire Alarm Strobe, installed cost may apply on any bid site include 50 feet conduit and wire:	\$ 694.00	\$ 525.00	\$ 325.00	\$ 365.00
Unit Price #5: Fire Alarm Speaker Strobe, installed cost may apply on any bid site include 50 feet conduit and wire:	\$ 931.00	\$ 545.00	\$ 375.00	\$ 400.00
Unit Price #6: Magnetic door hold open, installed cost may apply on any bid site include 50 feet conduit and wire:	\$ 917.00	\$ 695.00	\$ 460.00	\$ 365.00
Unit Price #7: Addressable monitoring module, installed cost may apply on any bid site include 50 feet conduit and wire:	\$ 947.00	\$ 555.00	\$ 375.00	\$ 375.00
Unit Price #8: Programmable addressable relay, installed cost may apply on any bid site include 50 feet conduit and wire:	\$ 922.00	\$ 555.00	\$ 385.00	\$ 385.00
Unit Price #9: Programmable Carbon Monoxide (Co2) Detector, installed cost may apply on any bid site include 50 feet conduit and wire:	\$ 1,008.00	\$ 695.00	\$ 510.00	\$ 485.00



**APPROVAL OF CONTRACTS**

LEA: Frederick County

PSC No 10.054.18 ASP

Project Name: Whittier Elementary

Bid Opening: 11/7/17

Project Type: ASP

Scope of Work: Fire Alarm Replacement

Basis for Award of Contract: base bid 3A plus 3B utilizing contract #18C4

Basis of Funding: ASP

Local Funds: \$29,293

State Funds: \$90,000

Total Contract: \$119,293

State Contingency for Change Orders: \$0

Transfer State Funds:	Account No.	Amount
Decrease Project Amount:		<u>\$0</u>
Increase Contingency Amount:		<u>\$0</u>
Decrease Contingency Amount:		<u>\$0</u>
Increase Project Amount:		<u>\$0</u>

<u>Contract #</u>	<u>Contractor</u>	<u>Total Contract</u>
	Ark Systems, Inc.	<u>\$119,293</u>
		<u><b>\$119,293</b></u>

Notes: 1) Replacement of the 1988 fire alarm system.  
2) Eligible for funding available within FY 2018 ASP allocation for LEA at time of reimbursement request.

IAC Approval Date:

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**BID 18C4, DESIGN BUILD FOR FIRE ALARM SYSTEM REPLACEMENT AT FIVE ELEMENTARY SCHOOLS  
BID TABULATION**

	Ark Systems	AES Electrical dba: Freestate Electrical	Life Safety	Next Wave Electric
Base Bid 1A: Design build fire alarm services for Spring Ridge Elementary School:	\$ 110,500.00	\$ 147,820.00	\$ 133,790.00	\$ 205,000.00
Base Bid 1B: Cost of Payment and Performance Bond:	\$ 1,591.20	\$ 1,543.00	\$ 2,341.00	\$ 5,125.00
	<b>Subtotal Base Bid 1</b>	\$ 149,363.00	\$ 136,131.00	\$ 210,125.00
Base Bid 2A: Design build fire alarm services for Ballenger Creek Elementary School:	\$ 103,800.00	\$ 151,975.00	\$ 132,800.00	\$ 211,500.00
Base Bid 2B: Cost of Payment and Performance Bond:	\$ 1,497.60	\$ 1,580.00	\$ 2,324.00	\$ 5,288.00
	<b>Subtotal Base Bid 2</b>	\$ 153,555.00	\$ 135,124.00	\$ 216,788.00
Base Bid 3A: Design build fire alarm services for Whittier Elementary School:	\$ 117,600.00	\$ 180,675.00	\$ 162,900.00	\$ 199,000.00
Base Bid 3B: Cost of Payment and Performance Bond:	\$ 1,693.44	\$ 1,831.00	\$ 2,850.00	\$ 4,975.00
	<b>Subtotal Base Bid 3</b>	\$ 182,506.00	\$ 165,750.00	\$ 203,975.00
Base Bid 4A: Design build fire alarm services for Twin Ridge Elementary School:	\$ 113,200.00	\$ 145,630.00	\$ 156,400.00	\$ 202,000.00
Base Bid 4B: Cost of Payment and Performance Bond:	\$ 1,630.88	\$ 1,524.00	\$ 2,737.00	\$ 5,050.00
	<b>Subtotal Base Bid 4</b>	\$ 147,154.00	\$ 159,137.00	\$ 207,050.00
Base Bid 5A: Design build fire alarm services for Valley Elementary School: (not sprinkler protected)	\$ 146,300.00	\$ 170,348.00	\$ 174,106.00	\$ 181,000.00
Base Bid 5B: Cost of Payment and Performance Bond:	\$ 2,107.00	\$ 1,741.00	\$ 3,046.00	\$ 4,525.00
	<b>Subtotal Base Bid 5</b>	\$ 172,089.00	\$ 177,152.00	\$ 185,525.00
<b>GRAND TOTAL:</b>	<b>\$ 599,920.12</b>	<b>\$ 1,437,245.00</b>	<b>\$ 1,369,436.00</b>	<b>\$ 1,861,401.00</b>
<b>Unit Prices (Applicable for any Base Bid):</b>				
Unit Price #1: Programmed Addressable smoke detector, installed cost may apply on any bid site include 50 feet conduit and wire:	\$ 980.00	\$ 555.00	\$ 450.00	\$ 395.00
Unit Price #2: Programmed Addressable duct mounted smoke detector, installed cost may apply on any bid site include 50 feet conduit and wire:	\$ 1,341.00	\$ 795.00	\$ 675.00	\$ 750.00
Unit Price #3: Programmed Addressable pull station, installed cost may apply on any bid site include 50 feet conduit and wire:	\$ 1,099.00	\$ 555.00	\$ 525.00	\$ 410.00
Unit Price #4: Fire Alarm Strobe, installed cost may apply on any bid site include 50 feet conduit and wire:	\$ 894.00	\$ 525.00	\$ 325.00	\$ 365.00
Unit Price #5: Fire Alarm Speaker Strobe, installed cost may apply on any bid site include 50 feet conduit and wire:	\$ 931.00	\$ 545.00	\$ 375.00	\$ 400.00
Unit Price #6: Magnetic door hold open, installed cost may apply on any bid site include 50 feet conduit and wire:	\$ 917.00	\$ 695.00	\$ 460.00	\$ 365.00
Unit Price #7: Addressable monitoring module, installed cost may apply on any bid site include 50 feet conduit and wire:	\$ 947.00	\$ 555.00	\$ 375.00	\$ 375.00
Unit Price #8: Programmable addressable relay, installed cost may apply on any bid site include 50 feet conduit and wire:	\$ 922.00	\$ 555.00	\$ 385.00	\$ 385.00
Unit Price #9: Programmable Carbon Monoxide (Co2) Detector, installed cost may apply on any bid site include 50 feet conduit and wire:	\$ 1,008.00	\$ 695.00	\$ 510.00	\$ 485.00

**APPROVAL OF CONTRACTS**

LEA: Frederick County

PSC No 10.057.15/18 SR

Project Name: Governor Thomas Johnson High

Bid Opening: 12/5/17

Project Type: Systemic Renovation

Scope of Work: Roof Replacement - Phase I

Basis for Award of Contract: base bid

Basis of Funding: 64% of eligible base bid up to the amount of maximum allocation

Local Funds: \$340,000

State Funds: \$559,000

Total Contract: \$899,000

State Contingency for Change Orders: \$0

Transfer State Funds:	Account No.	Amount
Decrease Project Amount:		<u>\$0</u>
Increase Contingency Amount:		<u>\$0</u>
Decrease Contingency Amount:		<u>\$0</u>
Increase Project Amount:		<u>\$0</u>

<u>Contract #</u>	<u>Contractor</u>	<u>Total Contract</u>
	Heidler Roofing Services, Inc.	<u>\$899,000</u>
		<u><b>\$899,000</b></u>

Notes: 1) Replacement of 38,485 sf of 1990 built-up roof on Section G including five (5) skylights.  
2) Prevailing wage rates apply to this contract.

IAC Approval Date:

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**Bid 18C2, Emmitsburg Elementary, Gov. Thomas Johnson High and Hillcrest Elementary (Phase II) Roof Replacement Projects  
 BID TABULATION**

<b>Governor Thomas Johnson High School – Roof Replacement</b>	<b>CityRoof</b>	<b>Cole Roofing</b>	<b>Heidler Roofing</b>	<b>J&amp;K Contracting</b>
<b>A. BASE BID: ROOF AREAS (BID WITH PREVAILING WAGES) Roof Replacement of the Designated Roof Area plus Total Unit Sum Price.</b>	\$ 1,236,300.00	\$ 928,900.00	\$ 899,000.00	\$ 1,050,000.00
<b>A1. DISCOUNT IF AWARDED MORE THAN ONE PROJECT</b>	\$ -	\$ -	\$ -	\$ 10,000.00
<b>C. UNIT PRICE SCHEDULE:</b>	<b>Unit Price</b>	<b>Item Price</b>	<b>Unit Price</b>	<b>Item Price</b>
<b>UP.1 Patch holes in concrete deck less than 1 s.f. each 200 s.f. @:</b>	\$ 12.00	\$ 2,400.00	\$ 8.50	\$ 1,700.00
<b>UP.2 Repair deteriorated concrete deck in quantities greater than 1 s.f. each 1000 s.f. @:</b>	\$ 10.50	\$ 10,500.00	\$ 3.00	\$ 3,000.00
<b>UP.3 Replace deteriorated wood blocking with 2x4 pressure-treated lumber, 200 l.f. @:</b>	\$ 3.50	\$ 700.00	\$ 1.00	\$ 200.00
<b>UP.4 Replace deteriorated wood blocking with 2x6 pressure-treated lumber, 200 l.f. @:</b>	\$ 3.75	\$ 750.00	\$ 1.25	\$ 250.00
<b>UP.5 Replace deteriorated wood blocking with 2x8 pressure-treated lumber, 200 l.f. @:</b>	\$ 4.05	\$ 810.00	\$ 1.50	\$ 300.00
<b>UP.6 Test Cuts – to confirm installation (6 cores) 6 ea. @:</b>	\$ 300.00	\$ 1,800.00	\$ 50.00	\$ 300.00
<b>UP.7 Provide an Independent Testing Agency Services as specified in Section 07520 – Built-Up Asphalt Roofing to provide one test cut per roof area prior to flood coating. Lump Sum:</b>	\$ 750.00	\$ 600.00	\$ 50.00	\$ 2,500.00
<b>UP.8 Repointing of masonry above roof deck 50 s.f. @:</b>	\$ 20.00	\$ 1,000.00	\$ 35.00	\$ 1,750.00
<b>Unit prices listed for this project are applicable for both extra work that may be needed beyond the estimates included in the bid and for credits when materials are deleted from the project.</b>				\$ 8,000.00



**APPROVAL OF CONTRACTS**

LEA: Frederick County

PSC No 10.059.18 SR

Project Name: Governor Thomas Johnson Middle

Bid Opening: 11/9/17

Project Type: Systemic Renovation

Scope of Work: Boiler Replacement

Basis for Award of Contract: proposal dated 11/9/17 utilizing The Cooperative Purchasing Network (TCPN) Contract R150505-MD

Basis of Funding: 64% of eligible proposal up to the amount of maximum allocation

Local Funds: \$149,000

State Funds: \$246,000

Total Contract: \$395,000

State Contingency for Change Orders: \$0

Transfer State Funds:	Account No.	Amount
Decrease Project Amount:		<u>\$0</u>
Increase Contingency Amount:		<u>\$0</u>
Decrease Contingency Amount:		<u>\$0</u>
Increase Project Amount:		<u>\$0</u>

<u>Contract #</u>	<u>Contractor</u>	<u>Total Contract</u>
	Daikin Applied Americas, Inc.	<u>\$395,000</u>
		<u><b>\$395,000</b></u>

Notes: 1) Replacement of two (2) 1999 boilers with multiple high efficiency boilers, and associated pumps, piping, accessories, and controls, and removal of the fuel oil tank.

IAC Approval Date:

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**Mechanical Installation:**

- Installation of (2) Fulton EDR-2000 high efficiency condensing boilers.
- Installation of piping, piping specialties, controls, sensors, meters and safeties for hot water and domestic make-up water.
- Installation of insulation for hot water piping.
- Installation of boiler condensate into (1) common boiler PH neutralization kit sized for (2) boilers.
- Testing and balancing to be completed after equipment startup.

**Electrical:** Daikin Applied will provide and install the following electrical items:

- Provide all necessary labor and materials to install new power supplies to the new boilers and pump VFD's.
- Provide the necessary labor and materials for building automation controls power, sensors, relays, hardware, software, programming for a complete and fully functional JCI BAS system.

**Controls:** Daikin Applied will provide and install the following electrical items:

- Supply project development, management, controls, parts & labor to install Metasys controls to include boilers, pumps, in Boiler Room at Thomas Johnson MS and tie into existing Metasys BAS as per customer provided MEP drawings.
- Supply & install one new NCE2560 controller & IOM in factory wired panel with associated devices.
- Supply & install Heating Water System Automatic Temperature Control Panel. Points to be run back to the EMS system, not hardwired to the pumps or the system.
- Supply, install associated Relays, Temp & Pressure Sensors, O/A Temp/Humid Sensor
- (1) 18-2 shielded DP cable from the boiler room to the far end of the school.
- Local interlocks and LAN between boilers for (2) Boilers with the master control panel on board one of them
- Make BACnet connection from new NCE controller and tie in existing BAS.
- Supply and install network cabling to closest TELCOM room to Controller
- Supply & install 24v control power. Tie into JCI BACnet Comm.
- Pull in control points and program existing NAE with approved scheduling, trending, Alarms & Snow Button and tie into FCPS Server.
- Test and verify proper operation with the facility personnel.
- Generate & populate graphics and MUI with all applicable data as per FCPS Graphics standards.

**Time Frame for Completion:** Project is scheduled to begin upon receipt of FCPS's official NTP by \_\_\_\_\_ 30, 2017 to adhere with completion date. Daikin Applied will order equipment and be mobilized on site ready for installation in \_\_\_\_\_, 201( ). Work will impact limited areas of the school during normal daytime work hours, namely the boiler/mechanical room. Work is to be substantially completed by \_\_\_\_\_ 30, 201( ).

**Warranty:** 2 Year Parts and labor on new equipment.

**Start-up Services:** Daikin Applied to provide factory Start-Up Services on the new equipment.

**Boiler Replacement Project Pricing:**

Total for Scope and Terms, including equipment, labor, materials, and freight as per above scope: **\$385,000.00**  
(Three Hundred Ninety Five Thousand Dollars)

**Alternate 1 Add VFD Inverter Duty Motors with Shaft Grounding Rings on (3) Existing Pumps:**

Total for Scope and Terms, including equipment, labor, materials, and freight as per above scope: **\$10,000.00**  
(Three Hundred Ninety Five Thousand Dollars)

\$ 395,000

## **APPROVAL OF CONTRACTS**

LEA: Prince George's County

PSC No 16.010.17 SR

Project Name: Central High

Bid Opening: 8/3/17

Project Type: Systemic Renovation

Scope of Work: Elevator Replacement

Basis for Award of Contract: base bid plus alt. 2 utilizing IFB #048-17 Pre-Qualified JOC Contractors

Basis of Funding: 63% of eligible base bid plus alt. 2

Local Funds: \$128,475

State Funds: \$113,008

Total Contract: \$241,483

State Contingency for Change Orders: \$2,825

<b>Transfer State Funds:</b>	<b>Account No.</b>	<b>Amount</b>
<b>Decrease Project Amount:</b>	<u>16.010.2017</u>	<u>\$13,167</u>
<b>Increase Contingency Amount:</b>	<u>40.000.2017</u>	<u>\$13,167</u>
<b>Decrease Contingency Amount:</b>		<u>\$0</u>
<b>Increase Project Amount:</b>		<u>\$0</u>

<b><u>Contract #</u></b>	<b><u>Contractor</u></b>	<b><u>Total Contract</u></b>
	Nichols Contracting, Inc.	<u>\$241,483</u>
		<u><b>\$241,483</b></u>

Notes: 1) Upgrade one (1) 1982 elevator.

2) Ineligible Contingency Allowance (\$15,000) and A/E and FF & E Fees (\$47,106).

3) The project delivery method is Design-Build utilizing IFB 048-17 Pre-Approved JOC Contractors. Bidder selected by technical evaluation and price proposal. State

reimbursement is contingent upon DGS review of the design before LEA proceeds to the next stage of design or begins construction. If the design is found to be inadequate to State standards and is not corrected at local expense then funding for this project may be cancelled. Final adjustment of the State's participation shall be made at project closeout.

IAC Approval Date:

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<b>Central High School</b>	
<i>Description</i>	<i>Bidder #1 - Nichols Contracting, Inc.</i>
Base Bid	\$238,123.00
Contingency Allowance (inc. base bid)	\$15,000.00
Builder's Risk (incl)	\$400.00
A&E Services (inc. base bid)	\$47,106.00
New Equipment (inc. base bid)	\$115,128.00
<b><i>Base Bid Total</i></b>	<b>\$238,123.00</b>
Alternate #1: Replace piston/cylinder	\$50,825.00
Alternate #2: Stainless cladding at hoistway	\$3,360.00
<b><i>Total with Alternates</i></b>	<b>\$292,308.00</b>
<b><i>Total with Alternate #2 Only</i></b>	<b>\$241,483.00</b>

## APPROVAL OF CONTRACTS

LEA: Prince George's County

PSC No 16.049.17 SR

Project Name: Lewisdale Elementary

Bid Opening: 5/18/17

Project Type: Systemic Renovation

Scope of Work: Fan Coil Unit Replacement

Basis for Award of Contract: base bid plus alt. 2 utilizing IFB #060-15 Pre-Qualified JOC Contractors

Basis of Funding: 63% of eligible base bid plus alt. 2 up to the amount of maximum allocation

Local Funds: \$493,813

State Funds: \$517,000

Total Contract: \$1,010,813

State Contingency for Change Orders: \$0

Transfer State Funds:	Account No.	Amount
Decrease Project Amount:		<u>\$0</u>
Increase Contingency Amount:		<u>\$0</u>
Decrease Contingency Amount:		<u>\$0</u>
Increase Project Amount:		<u>\$0</u>

<u>Contract #</u>	<u>Contractor</u>	<u>Total Contract</u>
	Adrian L. Merton, Inc.	<u>\$1,010,813</u>
		<u><b>\$1,010,813</b></u>

Notes: 1) Replacement of 40 1979 fan coil units.  
2) Prevailing wage rates apply to this contract.  
3) Ineligible Contingency Allowance (\$50,000) and A/E and FF & E Fees (\$54,717).  
4) The project delivery method is Design-Build utilizing IFB 060-15 Pre-Approved JOC Contractors. Bidder selected by technical evaluation and price proposal. State reimbursement is contingent upon DGS review of the design before LEA proceeds to the next stage of design or begins construction. If the design is found to be inadequate to State standards and is not corrected at local expense then funding for this project may be cancelled. Final adjustment of the State's participation shall be made at project closeout.

IAC Approval Date:

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May 31, 2017 07-17M: Fan Coil Unit Replacement Lewisdale Elementary School	TO	Adrian L. Merton, Inc.
<b>DESCRIPTION</b>		<b>JOC Contractor</b>
Base Bid Fee Proposal		\$911,954.94
Owner's Contingency Allowance (included in base bid)		\$50,000.00
Cost of Builder's all Risk Insurance (included in base bid)		\$9,119.55
Architectural and Engineering Services (included in base bid)		\$54,717.00
Construction Cost incl. Equipment (included in base bid)		\$798,118.39
<b>Total Base Bid</b>		<b>\$911,954.94</b>

+ # 2 98,858 \$ 1,010,813

## **APPROVAL OF CONTRACTS**

LEA: Prince George's County

PSC No 16.058.17 SR

Project Name: High Bridge Elementary

Bid Opening: 5/18/17

Project Type: Systemic Renovation

Scope of Work: Piping/Ceiling Replacement

Basis for Award of Contract: base bid utilizing IFB #060-15 Pre-Qualified JOC Contractors

Basis of Funding: 63% of eligible base bid up to the amount of maximum allocation

Local Funds: \$596,030

State Funds: \$484,000

Total Contract: \$1,080,030

State Contingency for Change Orders: \$0

<b>Transfer State Funds:</b>	<b>Account No.</b>	<b>Amount</b>
<b>Decrease Project Amount:</b>		<u>\$0</u>
<b>Increase Contingency Amount:</b>		<u>\$0</u>
<b>Decrease Contingency Amount:</b>		<u>\$0</u>
<b>Increase Project Amount:</b>		<u>\$0</u>

<b><u>Contract #</u></b>	<b><u>Contractor</u></b>	<b><u>Total Contract</u></b>
	Adrian L. Merton, Inc.	<u>\$1,080,030</u>
		<b><u>\$1,080,030</u></b>

**Notes:** 1) Replacement of the 1962/1966/1974 heating and cooling piping, and ceilings.  
2) Prevailing wage rates apply to this contract.  
3) Ineligible Contingency Allowance (\$50,000) and A/E and FF & E Fees (\$72,600).  
4) The project delivery method is Design-Build utilizing IFB 060-15 Pre-Approved JOC Contractors. Bidder selected by technical evaluation and price proposal. State reimbursement is contingent upon DGS review of the design before LEA proceeds to the next stage of design or begins construction. If the design is found to be inadequate to State standards and is not corrected at local expense then funding for this project may be cancelled. Final adjustment of the State's participation shall be made at project closeout.

**IAC Approval Date:**

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June 23, 2017 <b>010-17M: Piping Replacement</b> <b>High Bridge Elementary School</b>	<b>TO</b>	Adrian L. Merton, Inc.
<b>DESCRIPTION</b>		<b>JOC Contractor</b>
<b>Base Bid Fee Proposal</b>		<b>\$1,080,029.88</b>
Owner's Contingency Allowance (included in base bid)		<b>\$50,000.00</b>
Cost of Builder's all Risk Insurance (included in base bid)		<b>\$12,097.54</b>
Architectural and Engineering Services (included in base bid)		<b>\$72,600.00</b>
Construction Cost incl. Equipment (included in base bid)		<b>\$945,332.34</b>
<b>Total Base Bid</b>		<b>\$1,080,029.88</b>





**APPROVAL OF CONTRACTS**

LEA: Prince George's County

PSC No 16.068.17 SR

Project Name: Hollywood Elementary

Bid Opening: 9/5/17

Project Type: Systemic Renovation

Scope of Work: Boiler Replacement

Basis for Award of Contract: base bid plus alts. 1 - 3 utilizing IFB #060-15 Pre-Qualified JOC Contractors

Basis of Funding: 63% of eligible base bid plus alts. 1 - 3 up to the amount of maximum allocation

Local Funds: \$283,833

State Funds: \$387,000

Total Contract: \$670,833

State Contingency for Change Orders: \$0

Transfer State Funds:	Account No.	Amount
Decrease Project Amount:		<u>\$0</u>
Increase Contingency Amount:		<u>\$0</u>
Decrease Contingency Amount:		<u>\$0</u>
Increase Project Amount:		<u>\$0</u>

<u>Contract #</u>	<u>Contractor</u>	<u>Total Contract</u>
	Shapiro & Duncan, Inc.	<u>\$670,833</u>
		<u><b>\$670,833</b></u>

Notes: 1) Replacement of two (2) 1978 boilers and accessorized, and installation of a limited sprinkler system for the boiler room.  
2) Prevailing wage rates apply to this contract.  
3) Ineligible Contingency Allowance (\$33,545) and A/E and FF & E Fees (\$17,574).  
4) The project delivery method is Design-Build utilizing IFB 060-15 Pre-Approved JOC Contractors. Bidder selected by technical evaluation and price proposal. State reimbursement is contingent upon DGS review of the design before LEA proceeds to the next stage of design or begins construction. If the design is found to be inadequate to State standards and is not corrected at local expense then funding for this project may be cancelled. Final adjustment of the State's participation shall be made at project closeout.

IAC Approval Date:

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RFQ: Task Order No. 013-17 / PSC no. 16.068.17SR Boiler Replacement @ Hollywood ES Bid Received: September 5, 2017  FY17 Hollywood ES Boiler	Shapiro & Duncan, Inc.
Description: Replacement	JOC Vendor
A. Base Bid:	✓ \$589,357.53
Design	\$17,573.62
CD/Permit Fee (included in base bid)	\$5,000.00
Cost Of Builders Risk Insurance (included in Base Bid)	\$8,840.00
Installation Cost	\$524,398.91
Asbestos Abatement Cost	n/a
Contingency Allowance	\$33,545.00
<b>Total Base Bid</b>	<b>\$589,357.53</b>
B. Bid Alternates	
001 - Replace existing hot water system	✓ \$44,607.17
002 - Remove existing domestic hot water system	✓ \$1,793.75
003 - Replace existing boiler room automatic temperature controls.	✓ \$35,075.00
<b>Total Contract Award</b>	<b>\$670,833.45</b> ✓

## **APPROVAL OF CONTRACTS**

LEA: Prince George's County

PSC No 16.228.17 SR

Project Name: Baden Elementary

Bid Opening: 3/10/17

Project Type: Systemic Renovation

Scope of Work: UV Replacement

Basis for Award of Contract: base bid utilizing IFB #060-15 Pre-Qualified JOC Contractors

Basis of Funding: 63% of eligible base bid up to the amount of maximum allocation

Local Funds: \$696,091

State Funds: \$969,000

Total Contract: \$1,665,091

State Contingency for Change Orders: \$0

<b>Transfer State Funds:</b>	<b>Account No.</b>	<b>Amount</b>
<b>Decrease Project Amount:</b>		<u>\$0</u>
<b>Increase Contingency Amount:</b>		<u>\$0</u>
<b>Decrease Contingency Amount:</b>		<u>\$0</u>
<b>Increase Project Amount:</b>		<u>\$0</u>

<b><u>Contract #</u></b>	<b><u>Contractor</u></b>	<b><u>Total Contract</u></b>
	Hot and Cold Corporation	<u>\$1,665,091</u>
		<b><u>\$1,665,091</u></b>

**Notes:** 1) Replacement of 21 1969 unit ventilators and 27 1969 fan coil units.  
2) Prevailing wage rates apply to this contract.  
3) Ineligible Contingency Allowance (\$40,000) and A/E and FF & E Fees (\$64,500).  
4) The project delivery method is Design-Build utilizing IFB 060-15 Pre-Approved JOC Contractors. Bidder selected by technical evaluation and price proposal. State reimbursement is contingent upon DGS review of the design before LEA proceeds to the next stage of design or begins construction. If the design is found to be inadequate to State standards and is not corrected at local expense then funding for this project may be cancelled. Final adjustment of the State's participation shall be made at project closeout.

**IAC Approval Date:**

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<p>TO 060-15, Task Order 016-17M - Baden Elementary School Univent and Fan Coil Replacement</p>	<p>Hot and Cold Corporation</p>
Item Description	Contract Pricing
Base Bid	\$1,665,090.60
Allowance (included in above base bid)	\$40,000.00
Breakout Design Fee (included in base bid)	\$64,500.00
Cost of Builder's All Risk Insurance e (included in base bid)	\$4,320.00
Alternates - Not Applicable	\$0.00
<b>Total Contract Value</b>	<b>\$1,665,090.60</b>