



AGENDA REQUEST FORM

THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA

ITEM No.:
JJ-4.

MEETING DATE	2019-05-07 10:05 - School Board Operational Meeting
AGENDA ITEM	ITEMS
CATEGORY	JJ. OFFICE OF FACILITIES & CONSTRUCTION
DEPARTMENT	Facilities Construction

Special Order Request <input type="radio"/> Yes <input checked="" type="radio"/> No
Time
Open Agenda <input checked="" type="radio"/> Yes <input type="radio"/> No

TITLE:

Construction Bid Recommendation of \$500,000 or Greater - ITB 18-194C - Hawkes Bluff Elementary School - Fort Lauderdale - Advanced Roofing, Inc. - SMART Program Renovations - Project No. P.001784

REQUESTED ACTION:

Approve the recommendation to award the Construction Agreement to Advanced Roofing, Inc. for the lump sum amount of \$5,490,306 and approve additional funding in the amount of \$3,906,437.

SUMMARY EXPLANATION AND BACKGROUND:

Scope of Work: See Executive Summary (Exhibit 1).
This Agreement has been reviewed and approved as to form and legal content by the Office of the General Counsel.

SCHOOL BOARD GOALS:

Goal 1: High Quality Instruction Goal 2: Continuous Improvement Goal 3: Effective Communication

FINANCIAL IMPACT:

The financial impact of approving this Construction Bid Recommendation is \$5,490,306. This project has been appropriated in the Adopted District Educational Facilities Plan (September 5, 2018). There is an additional impact to the project budget. These funds in the amount of \$3,906,437 will come from the Capital Projects Reserve. This increases the project budget from \$2,903,000 to \$6,809,437.

EXHIBITS: (List)

(1) Executive Summary (2) Recommendation Tabulation (3) ADEFP (4) Agreement (5) Collaboration Form

BOARD ACTION:

APPROVED

(For Official School Board Records Office Only)

SOURCE OF ADDITIONAL INFORMATION:

Name: Phil D. Kaufold, Task Asg'd. Director Constr.	Phone: 754-321-1532
Name: Daniel Jardine, CBRE Heery Director	Phone: 754-321-4850

THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA
Senior Leader & Title

MaryAnn May - Task Assigned Chief Facilities Officer

Signature

Frank L. Girardi
4/15/2019, 12:45:15 PM

Approved In Open Board Meeting On:

MAY 07 2019

By:

Heather P. Burkwood
School Board Chair

EXHIBIT 1

EXECUTIVE SUMMARY
Construction Bid Recommendation of \$500,000 or Greater
ITB 18-194C
Hawkes Bluff Elementary School, Davie
Advanced Roofing, Inc.
SMART Program Renovations
Project No. P.001784

PROJECT OVERVIEW:

Delivery Method:	Design/Bid/Build
Contractor:	Advanced Roofing, Inc.
Notice to Proceed Date:	Pending Board Approval
Budget:	See below

GENERAL OVERVIEW:

This item is requesting authorization to award a Lump Sum Contract for construction of the Hawkes Bluff Elementary School SMART Program Renovations to Advanced Roofing, Inc., in the amount of \$5,490,306. The scope of work for this project includes, but not limited to, HVAC improvements, and building envelope improvements.

The Letter of Recommendation to Issue a Permit has been provided by the Building Department. Bids were received on March 12, 2019 from a total of three (3) bidders. Procurement and Warehousing Services has recommended the award of the project to Advanced Roofing, Inc. as the responsive, responsible bidder that met the specifications, terms and conditions of the bid (see Exhibit 2 for details).

This Construction Bid Recommendation for Hawkes Bluff Elementary School exceeds the available funds and requires additional funding in the amount of \$3,906,437 to proceed with the SMART Program Renovations. Staff has evaluated both the Designer's and Atkins' 100% estimates and has deemed the bid fair and reasonable based on current market conditions, which have changed considerably since the 2014 budget development. These budget overages are included in the SMART Program Forecast. The following summarizes the previous and revised funding allocations:

Allocations of Project Funds	Previous Budget	Revised Budget	Net Change
Planning Design and Management	\$729,900	\$729,900	\$0
Construction Contract	\$1,939,000	\$5,490,306	\$3,551,306
Construction Contingency (10%)*	\$193,900	\$549,031	\$355,131
Construction Misc.**	\$40,200	\$40,200	\$0
Furnishings	\$0	\$0	\$0
Total	\$2,903,000	\$6,809,437	\$3,906,437

*Reserved for future use if required

**Includes the following items where applicable: Off-site Improvements; Misc. Construction; Hazardous Materials Abatement; Technology Infrastructures; Utility Connection Charges; PPO Work Orders; and Portables

The request for additional funding is a result of continued budget overages. The most significant budget overage is associated with the building envelope improvements that will require roughly \$2.3M of additional funds. The HVAC improvements will require roughly \$1.2M of additional funds.

Approximately 50% of the building envelope improvements budget overage is mostly due to inadequate unit prices in the 2014 Facilities Condition Assessment (MAPPS) for both roofing and aluminum covered walkways.

40% of the HVAC overage is due to the upgrading of electrical services, updating all digital controls, tying into the fire alarm system, chilled water piping, and ductwork that was not identified in the 2014 Facilities Condition Assessment (MAPPS). The remainder is due to inadequate budget developments in MAPPS, unit prices and inflation.

Staff has evaluated the various SMART scopes for this project. It was determined that the most cost and time efficient means to deliver these improvements is by a single construction contract. Staff does not recommend creating separate bid packages, "carve outs", for any of the approved scopes. The proposal received from Advanced Roofing, Inc. is believed to be the most cost-effective means of delivering this project.

Advanced Roofing, Inc. is not a certified Minority/Women Business Enterprise (M/WBE). However, Advanced Roofing, Inc. has committed to M/WBE Participation of 12% for this project through the use of certified M/WBE subcontractors.

This Agreement has been reviewed and approved as to form and legal content by the Office of the General Counsel.

For the latest Bond Oversight Committee Quarterly Report information regarding this project [click here](#).



ITB #:	<u>18-194C</u>	Tentative Board Meeting Date*:	<u>May 21, 2019</u>	
Hard Bid Title:	<u>HAWKES BLUFF ELEMENTARY SCHOOL</u> <u>SMART PROGRAM RENOVATIONS</u>	# Notified:	<u>1970</u>	# Downloaded: <u>35</u>
		# of Responses Rec'd:	<u>3</u>	# of "No Bids": <u>0</u>
For:	<u>OFFICE OF FACILITIES AND CONSTRUCTION</u> (School/Department)	Select One Opening Date :	<u>March 12, 2019</u>	
Fund:	<u>SMART</u>	Advertised Date:	<u>February 8, 2019</u>	

POSTING OF Select One RECOMMENDATION/TABULATION: Select One Recommendations and Tabulations will be posted in the Procurement & Warehousing Services and www.Demandstar.com on March 14, 2019 @ 12:45 PM and will remain posted for 72 hours. Any person who is adversely affected by the decision or intended decision shall file a notice of protest, in writing, within 72 hours after the posting of the notice of decision or intended decision. The formal written protest shall be filed within ten (10) days after the date the notice of protest is filed. Failure to file a notice of protest or failure to file a formal written protest shall constitute a waiver of proceedings under this chapter. Section 120.57(3) (b), Florida Statutes, states that "The formal written protest shall state with particularity the facts and law upon which the protest is based." Saturdays, Sundays, state holidays and days during which the District is closed shall be excluded in the computation of the 72-hour time period provided. Filings shall be at the office of the Director of Procurement & Warehousing Services, 7720 West Oakland Park Boulevard, Suite 323, Sunrise, Florida 33351. Any person who files an action protesting an intended decision shall post with the School Board, at the time of filing the formal written protest, a bond, payable to The School Board of Broward County, Florida, (SBBC), in an amount equal to one percent (1%) of the estimated value of the contract. Failure to post the bond required by SBBC Policy 3320, Part VIII, Purchasing Policies, Section N, within the time allowed for filing a bond shall constitute a waiver of the right to protest.

(*) The Cone of Silence, as stated in the ITB / RFP / RFQ / HARD BID, is in effect until it is approved by SBBC. The Board meeting date stated above is tentative. Confirm with the Purchasing Agent of record for the actual date the Cone of Silence has concluded.

RECOMMENDATION TABULATION

THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA ADVERTISED THE BID 18-194C HAWKES BLUFF ELEMENTARY SCHOOL SMART PROGRAM RENOVATIONS ON FEBRUARY 8, 2019 AND THREE (3) PROPOSALS WERE RECEIVED:

LEGO CONSTRUCTION CO.
OVERHOLT CONSTRUCTION CORPORATION
ADVANCED ROOFING, INC

IT IS RECOMMENDED THE AWARD BE MADE TO THE LOWEST RESPONSIVE AND RESPONSIBLE BIDDER THAT MET THE SPECIFICATIONS, TERMS AND CONDITIONS OF THE BID, WHO IS LISTED BELOW:

ADVANCED ROOFING, INC

IN THE BEST INTEREST FOR THE SCHOOL DISTRICT, IT IS RECOMMENDED THAT THE LISTED LOWER BIDDER BE RECOMMENDED FOR AWARD IN THE AMOUNT OF ITS LUMP-SUM BID.

THIS AWARD SHALL BE CONTINGENT UPON SUCCESSFUL COMPLETION OF A WRITTEN AGREEMENT.

By: *Louis E. Perez* Date: March 14, 2019
(Purchasing Agent)

The School Board of Broward County, Florida, prohibits any policy or procedure which results in discrimination on the basis of age, color, disability, gender expression, national origin, marital status, race, religion, sex or sexual orientation. Individuals who wish to file a discrimination complaint, may call the Executive Director, Benefits & EEO Compliance at 754-321-2150 or Teletype Machine (TTY) at 754-321-2158.

Individuals with disabilities requesting accommodations under the Americans with Disabilities Act (ADA) may call the Equal Educational Opportunities (EEO) at 754-321-2150 or Teletype Machine (TTY) at 754-321-2158.

Hawkes Bluff Elementary School

Adopted District Educational Facilities Plan

Project	Program Year 1	Program Year 2	Program Year 3	Program Year 4	Program Year 5	Total	Scope
There are no DEFP projects for this location.							

SMART Program

Project	Program Year 1	Program Year 2	Program Year 3	Program Year 4	Program Year 5	Total	Scope
Renovation		100,000				100,000	School Choice Enhancement
Renovation		1,669,000*				1,669,000	HVAC Improvements
Renovation		1,234,000*				1,234,000	Building Envelope Improvements (Roof, Window, Ext Wall, etc.)
SMART Sub-Total		3,003,000				3,003,000	

Completed

Project	Program Year 1	Program Year 2	Program Year 3	Program Year 4	Program Year 5	Total	Scope
SMART			50,000			50,000	Music Equipment Replacement
SMART	92,000					92,000	Wireless Network Upgrade
SMART	127,000					127,000	Technology Infrastructure (Servers, Racks, etc.) Upgrade
SMART	152,000					152,000	Additional computers to close computer gap
SMART	22,000					22,000	CAT 6 Data port Upgrade
Complete Sub-Total	393,000		50,000			443,000	

School Total	393,000	3,003,000	50,000	0	0	3,446,000	
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*Project Scope Included:
 Year 3 total scope \$2,903,000
 Total value of scope \$2,903,000

NOTE: Funding provided for all schools to achieve the district standard for Single Point of Entry.



The School Board of Broward County, Florida
 Procurement & Warehousing Services Department
 7720 W. Oakland Park Blvd., Suite 323
 Sunrise, Florida 33351 (754) 321-0505

Document 00520: Agreement Form

THIS AGREEMENT made and entered into this 7th day of May, 2019 by and between

THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA

(Hereinafter referred to as "**Owner**" and

ADVANCED ROOFING, INC

(Hereinafter referred to as "**Contractor**").

WHEREAS, Owner is the owner of certain real property located in Broward County and Owner desires to have:

Bid No.:	18-194C
Project No.:	P.001784
Location No.:	3131
Project Title:	SMART Program Renovations
Facility Name:	Hawkes Bluff Elementary School

Work of this Contract comprises the general construction of, but not limited to:

- General repairs of the aluminum covered Walkways
- Building envelope/roofing (Bldgs. 1, 2, 3, 4, 5, 6, 8, 9, and 75)
- HVAC improvements (Bldgs. 1, 2, 3, 4, 5, 6, 7, 8, 9, 75)

Constructed pursuant to drawings, specifications and other design documents prepared by SOL-ARCH, Inc. (Hereinafter referred to as **Project Consultant**).

WHEREAS, the Contractor is desirous of performing the Work in accordance with the Contract Documents and all applicable laws, codes and ordinances.

NOW THEREFORE, in exchange for the mutual covenants and promises set forth herein and the sums of money agreed to be paid by the Owner to Contractor, the parties agree as follows:

ARTICLE 1. ENTIRE AGREEMENT

1.01 This Construction Contract, along with the Contract Documents consisting of the Agreement Form, M/WBE Program Requirements, Documents contained in the Project Manual, General and Supplementary Conditions, Addenda, Drawings, Specifications, and modifications issued after execution of the Contract embodies the

entire agreement between Owner and Contractor and supersedes all other writings, oral agreements, or representations.

- 1.02 The parties shall not be bound by or be liable for any statement, representation, promise, inducement or understanding of any kind or nature not set forth herein.
- 1.03 NO CHANGES, AMENDMENTS OR MODIFICATIONS OF ANY OF THE TERMS OR CONDITIONS OF THE CONTRACT SHALL BE VALID UNLESS REDUCED TO WRITING AND SIGNED BY BOTH PARTIES.

ARTICLE 2. ENUMERATION OF THE CONTRACT DOCUMENTS.

2.01 The Contract Documents consisting of the Agreement Form, M/WBE Program Requirements, Documents contained in the Project Manual, General and Supplementary Conditions, Drawings, Specifications, and all Addenda and modifications issued after execution of the Contract thereto together form the Contract, and they are fully a part of the Contract as if written herein word for word. The following is an enumeration of the Drawings and Project Manual for this Project:

2.02 The Drawings:

Drawing Number	Drawing Title	Revision No. / Date			
		100% 12.20.17	REV1 04.25.18	REV2 07.20.18	REV3 12.05.18
	ARCHITECTURAL				
A001	COVER SHEET	✓	✓		
	DRAWING INDEX / NOTES / ABBREVIATIONS & SYMBOLS	✓	✓		✓
A001a	GENERAL NOTES	✓			
A100	OVERALL SITE PLAN	✓			
A101	OVERALL GROUND FLOOR PLAN	✓			
AD101	OVERALL ROOF PLAN - DEMOLITION	✓		✓	
AD101a	ENLARGED DEMO ROOF PLAN - BLDG. 1	✓		✓	
AD101b	ENLARGED DEMO ROOF PLAN - BLDG. 2&9	✓		✓	
AD101c	ENLARGED DEMO ROOF PLAN - BLDG. 3	✓		✓	
AD101d	ENLARGED DEMO ROOF PLAN - BLDG. 4,6 & 8	✓		✓	
AD101e	ENLARGED DEMO ROOF PLAN - BLDG. 5 & 75	✓		✓	
A102	OVERALL ROOF PLAN PROPOSED	✓	✓	✓	
A102a	ENLARGED ROOF PLAN - BLDG. 1	✓	✓	✓	
A102b	ENLARGED ROOF PLAN - BLDG. 2&9	✓	✓	✓	
A102c	ENLARGED ROOF PLAN - BLDG. 3	✓	✓	✓	
A102d	ENLARGED ROOF PLAN - BLDG. 4,6 & 8	✓	✓	✓	
A102e	ENLARGED ROOF PLAN - BLDG. 5 & 75	✓	✓	✓	
A102f	OVERALL ROOF PLAN - WIND LOADS	✓			
A500	ROOF PICTURES	✓	✓	✓	
A500a	ROOF PICTURES	✓	✓	✓	
A500b	ROOF PICTURES	✓	✓	✓	
A500c	ROOF PICTURES	✓	✓	✓	✓
A500d	ROOF PICTURES	✓	✓		✓
A600	ROOF DETAILS	✓	✓		✓
A601	ROOF DETAILS	✓	✓		
A602	ROOF DETAILS	✓	✓		
A603	COVERED WALKWAY DETAILS	✓	✓		

A800	FIRE PENETRATION DETAILS	✓		
A801	FIRE PENETRATION DETAILS	✓		
STRUCTURAL				
S-1	EXISTING ROOF FRAMING PLAN	✓	✓	
S-2	PARTIAL ROOF FRAMING PLAN	✓	✓	
S-3	PARTIAL ROOF FRAMING PLAN	✓	✓	
S-4	PARTIAL ROOF FRAMING PLAN	✓	✓	
S-5	PARTIAL ROOF FRAMING PLAN	✓	✓	
S-6	PARTIAL ROOF FRAMING PLAN	✓	✓	
S-7	EXISTING ROOF CONDITIONS		✓	
S-8	EXISTING ROOF CONDITIONS	✓	✓	
S-9	SOFFIT DETAILS	✓	✓	
S-10	STRUCTURAL NOTES	✓	✓	
MECHANICAL				
M100	OVERALL GROUND FLOOR PLAN	✓	✓	
M101a	MECHANICAL ROOF PLAN BLDG. 1		✓	
M101b	MECHANICAL ROOF PLAN PLAN BLDG. 2		✓	✓
M101c	MECHANICAL ROOF PLAN PLAN BLDG. 3		✓	
M101d	MECHANICAL ROOF PLAN PLAN BLDG. 4		✓	
M101e	MECHANICAL ROOF PLAN PLAN BLDG. 5		✓	
M101f	MECHANICAL ROOF PLAN PLAN BLDG. 6		✓	
M101g	MECHANICAL ROOF PLAN PLAN BLDG. 8&9		✓	
M200	GROUND FLOOR PLAN BLDG. 1 - DEMO	✓	✓	
M200a	GROUND FLOOR PLAN BLDG. 1 - MECH		✓	
M201	PARTIAL GROUND FLOOR BLDG. 2 - DEMO	✓	✓	
M201a	PARTIAL GROUND FLOOR BLDG. 2		✓	
M201.1	PARTIAL GROUND FLOOR BLDG. 2 - DEMO		✓	
M201.1a	PARTIAL GROUND FLOOR PLAN BLDG. 2		✓	
M202	GROUND FLOOR PLAN BLDG. 3	✓	✓	
M203	PARTIAL GROUND FLOOR BLDG. 4 - DEMO	✓	✓	
M203a	PARTIAL GROUND FLOOR BLDG. 4		✓	
M204	PARTIAL GROUND FLOOR BLDG. 5 - DEMO	✓	✓	
M204a	PARTIAL GROUND FLOOR BLDG. 5		✓	
M205	PARTIAL GROUND FLOOR BLDG. 6 - DEMO	✓	✓	
M205a	PARTIAL GROUND FLOOR BLDG. 6		✓	
M206	PARTIAL GROUND FLOOR BLDG. 8		✓	
M300	MECHANICAL ROOMS		✓	
M301	CHILLER ROOM - DEMO		✓	
M301a	CHILLER ROOM - DEMO		✓	✓
M302	MECHANICAL ROOMS		✓	
M400	SCHEDULES		✓	
M401	SCHEDULES		✓	✓
M501	DETAILS		✓	✓
M502	DETAILS		✓	✓
M601	DETAILS		✓	✓
ELECTRICAL				
E000	SYMBOLS LEGEND AND ELEC. NOTES	✓	✓	
E001	NOTES	✓	✓	
E002	MISCELLANEOUS DETAILS	✓	✓	
E100	ELECTRICAL SITE PLAN	✓	✓	
E101A	ELECTRICAL PLAN BLDG. 1	✓	✓	
E101B	ELECTRICAL PLAN BLDG. 2	✓	✓	
E101C	ELECTRICAL PLAN BLDG. 3	✓	✓	
E101D	ELECTRICAL PLAN BLDG. 4	✓	✓	
E101E	ELECTRICAL PLAN BLDG. 5	✓	✓	
E101F	ELECTRICAL PLAN BLDG. 6&8	✓	✓	

E102A	ELECTRICAL ROOF PLAN BLDG. 1	✓	✓	
E102B	ELECTRICAL PLAN BLDG. 2	✓	✓	
E102C	ELECTRICAL PLAN BLDG. 3	✓	✓	
E102D	ELECTRICAL PLAN BLDG. 4	✓	✓	
E102E	ELECTRICAL PLAN BLDG. 5	✓	✓	
E102F	ELECTRICAL PLAN BLDG. 6	✓	✓	
E102G	ELECTRICAL PLAN BLDG. 8 & 9	✓	✓	
E201	PANEL SCHEDULES	✓	✓	
E202	PANEL SCHEDULES	✓	✓	
E203	PANEL SCHEDULES	✓	✓	✓
E204	PANEL SCHEDULES	✓	✓	
E301	ELECTRICAL RISER DIAGRAMS	✓	✓	
E302	FIRE ALARM SYSTEM RISER DIAGRAM	✓	✓	✓
E401	ENLARGED PLAN		✓	✓

PLUMBING

P101	OVERALL ROOF PLAN PLUMBING			✓
P102a	ENLARGED ROOF PLAN - BLDG 1			✓
P102b	ENLARGED ROOF PLAN - BLDG 2 & 9			✓
P102c	ENLARGED ROOF PLAN - BLDG 3			✓
P102d	ENLARGED ROOF PLAN - BLDG 4, 6 & 8			✓
P102e	ENLARGED ROOF PLAN - BLDG 5 & 75			✓

2.03 The Project Manual:

- Division 0 - Documents
- Division 1 - General Requirements
- Division 2 - Site Work
- Division 3 - Concrete
- Division 4 - Masonry
- Division 5 - Metals
- Division 6 - Wood and Plastics
- Division 7 - Thermal & Moisture Protection
- Division 9 - Finishes
- Division 10 - Specialties
- Division 15 - Mechanical
- Division 16 - Electrical

ARTICLE 3. CONTRACT SUM

3.01 The Owner shall pay, and the Contractor shall accept, as full and complete payment for the Contractor's timely performance of its obligations hereunder, the lump-sum amount of:

Five Million Four Hundred Ninety Thousand Three Hundred Six Dollars

\$5,490,306.00

This shall constitute the Contract Price, which shall not be modified except by Change Order or by Unit Prices, if any, as provided in the Contract Documents.

ARTICLE 4. TIME FOR CONTRACTOR'S PERFORMANCE.

4.01 Upon execution of the contract by both the successful Bidder and the Owner, submittal of the required performance and payment bonds, certificates of insurance, and receipt and approval of the required post-bid information, the Owner will issue **Document 00550, Notice to Proceed** which will stipulate the commencement date for the Work.

4.02 The Contractor shall commence the performance of the Work on the date stipulated on Document 00550, Notice to Proceed, and shall diligently continue its performance to and until final completion of the Project.

4.03 Required date(s) of Substantial Completion

4.03.01 The Contractor shall accomplish Substantial Completion of the Work on or before:

355 Consecutive calendar days from the commencement date stipulated on Document 00550: Notice To Proceed

4.03.02 Preceding Substantial Completion, the following Milestone Dates are required to commence and be completed as follows:

<u>Phase</u>	<u>Commencement Date:</u>	<u>Required Substantial Completion Date</u>
N/A		

4.04 Liquidated Damages for Substantial Completion:

4.04.01 Owner and Contractor acknowledge that any sums due and payable hereunder by the Contractor shall be payable, not as a penalty, but as liquidated damages representing a reasonable estimate of delay damages, inconvenience, additional overhead and costs, likely to be sustained by the Owner, estimated at the time of executing this Contract. If the Owner reasonably believes in its discretion that Substantial Completion will be delayed, the Owner shall be entitled, but not required, to withhold from any amounts otherwise due the Contractor an amount then believed by the Owner to be adequate to recover liquidated damages applicable to such delays. If and when in its discretion the Contractor overcomes the delay in achieving Substantial Completion, or any part thereof, for which the Owner has withheld payment, the Owner shall promptly release to the Contractor those funds withheld, but no longer applicable, as liquidated damages.

4.04.02 In the event more than one Milestone is involved, then the liquidated damages due for each Milestone shall be as follows:

Each Milestone Five Hundred Dollars \$500.00 per day

4.04.03 Partial use or occupancy of the Work shall not result in the Work deemed substantially completed, and such partial use or occupancy shall not be evidence of Substantial Completion.

- 4.04.04 Substantial Completion, in the context of this Contract, does not refer to any prior dates wherein the Owner employs other contractors to work on the same site of the Project or Work.

ARTICLE 5. SUBSTANTIAL COMPLETION AND FINAL PAYMENT.

5.01 Substantial Completion:

- 5.01.01 When the Contractor believes that Substantial Completion has been achieved, the Contractor shall notify the Project Consultant in writing and shall provide to the Project Consultant a listing of those matters yet to be finished. The Project Consultant will determine whether the Work (or portion thereof) is appropriately ready for a Substantial Completion Inspection.
- 5.01.02 If the Work is determined to be ready for a Substantial Completion Inspection, the Project Consultant and Owner will thereupon conduct an inspection of the Work to determine if the Work is, in fact, substantially complete and establish a list of items necessary for the Contractor to correct or finish. When Substantial Completion has been granted as evidenced by the Substantial Completion Inspection, the Project Consultant will issue a letter formally establishing the Substantial Completion Date for the Work or portion thereof.
- 5.01.03 Upon Substantial Completion, the Owner shall pay the Contractor an amount sufficient to increase total payments to the Contractor to the Contract Price, less any amounts attributable to liquidated damages, together with two hundred percent (200%) of the reasonable costs (as determined by the Owner at its sole discretion), for completing all incomplete work, correcting and bringing into conformance all defective and nonconforming Work and handling any outstanding or threatened claims or any other matters which could cause the Owner damage, cost, expense or delay.

5.02 Final Completion:

- 5.02.01 When the Contractor believes that the Work or portion thereof, is finally complete and is ready for a final inspection, the Contractor shall notify the Project Consultant in writing. The Project Consultant will then determine whether the Work (or portion thereof) is appropriately ready for a Final Completion Inspection.
- 5.02.02 If the Work is determined to be ready for a Final Completion Inspection, the Project Consultant and Owner will thereupon conduct an inspection of the Work to determine if the Work is, in fact, finally complete. When Final Completion has been granted as evidenced by the Final Completion Inspection, the Project Consultant will issue a letter formally establishing the Final Completion Date for the Work or portion thereof.
- 5.02.03 When the Project Consultant and Owner confirms that the Project is complete in full accordance with the Contract Documents and has passed all required inspections, including but not limited to those required by the State Department of Education, and/or from any and all governmental bodies, boards, entities, etc., and that the Contractor has performed all of its obligations to the Owner, the Project Consultant will provide a final Approval for Payment to the Owner certifying to the Owner that the

Project is complete and the Contractor is entitled to the remainder of the unpaid Contract Price, less any amount withheld pursuant to Contract Documents.

5.03 Liquidated Damages for Final Completion:

5.03.01 If the Contractor fails to achieve final completion within thirty 30 consecutive calendar days of the date of Substantial Completion, the Contractor shall pay the Owner the sum of:

Five Hundred Dollars \$ 500

per day for each and every calendar day of unexcused delay in achieving final completion beyond the date set forth for final completion of the Work.

5.03.02 In the event the Project involves more than one Milestone Date; the final completion date and liquidated damages amount for each Milestone Date shall be as follows:

Each Milestone	Five Hundred Dollars \$500.00 per day
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5.03.03 Any sums due and payable hereunder by the Contractor shall be payable, not as a penalty, but as liquidated damages representing a reasonable estimate of delay damages, inconvenience, additional overhead and costs likely to be sustained by the Owner, estimated at or before the time of executing this Contract. When the Owner reasonably believes that final completion will be inexcusably delayed, the Owner shall be entitled, but not required, to withhold from any amounts otherwise due the Contractor an amount then believed by the Owner to be adequate to recover liquidated damages applicable to such delays.

5.04 Prior to being entitled to receive final payment and as a condition precedent thereto, the Contractor shall provide the Owner, in the form and manner required by Owner, if any, with a copy to the Project Consultant: of the following:

5.04.01 An affidavit that all of the Contractor's obligations to subcontractors, laborers, equipment or suppliers, or other third parties in connection with the Project, have been paid or otherwise satisfied;

5.04.02 Such other documents as required by the Owner from each subcontractor, lower tier subcontractor, laborer, supplier or other person or entity who has or might have a claim against the Owner;

5.04.03 All product warranties, operating manuals, instruction manuals and other things or documents customarily required of the Contractor, or reasonably required by Owner, including but not limited to those required elsewhere in the Contract Documents, as part of its Project Closeout procedures;

5.04.04 The Owner shall, subject to its rights set forth in the Contract Documents, make final payment of all sums due the Contractor within thirty (30) days of the final Approval for Payment.

5.04.05 The Owner and Project Consultant may acknowledge satisfactory completion and accept the Work notwithstanding the existence of certain items of Work which are incomplete. As set forth in Article 5.03.03 of Article 5 hereof, the Owner may, but is

not obligated to guarantee completion of incomplete items of Work by escrowing funds equal to two hundred (200%) percent of the estimated cost of the incomplete Work and shall establish a reasonable date by which all incomplete Work must finally be complete.

ARTICLE 6. TIME AND DELAYS.

- 6.01 All time in the Contract Documents is calculated on a consecutive calendar day basis.
- 6.02 Time is of the essence in this Contract, and any breach of same shall go to the essence hereof, and Contractor, in agreeing to complete the Work within the time herein mentioned, has taken into consideration and made allowances for all reasonable hindrances and delays incident to his work.
- 6.03 Contractor agrees to commence the Work when directed by Owner and to diligently and continuously perform such Work and to coordinate the Work with other Work being performed on the Project by other trades so that the Owner shall not be delayed by any act or omission of Contractor in completion of the Project within the time specified above.
- 6.04 Contractor shall make payments promptly to its vendors, subcontractors, suppliers and for labor, material and equipment used by it in the performance of its work.
- 6.05 The Contractor shall not be entitled to any claim for damages or an extension of Time on account of hindrance or delays from any cause whatsoever, but if caused by any act of God or active interference on the part of the Owner, such act, hindrance, or delay may only entitle the Contractor to receive an extension of time as its sole and exclusive remedy.
 - 6.05.01 Adverse weather such as rain is not to be considered to be an Act of God unless it exceeds the ten (10) year average as published by the National Weather Service (or equivalent organization acceptable to the Owner at its sole discretion) for that time of year in Broward County.
 - 6.05.02 An extension of time to complete the Work shall be determined by the Owner provided that the Contractor provides the Owner with notice in writing of the cause of said act, hindrance or delay within twenty (20) days after its occurrence.
 - 6.05.03 In the event the request for extension is not made in writing within that twenty (20) day time period, Contractor acknowledges and agrees it has forever waived any and all rights to such an extension.
 - 6.05.04 All extensions of time shall be authorized only by a written change order executed by the Owner and Project Consultant.
 - 6.05.05 This "no damage for delay" clause will encompass any damages for delay or disruption even if the Contractor completes construction of the Work in a timely fashion in accordance with this Contract.
 - 6.05.06 Damages as referenced in this "no damage for delay" shall include any type of damages that are or could be awarded by any court or arbitration panel such as, by way of

general example, but not limitation, tort, contract, strict liability, consequential damages, liquidated damages and/or punitive damages.

- 6.05.07 By way of specific example but not limitation, damages as referenced within this clause includes loss of use, loss of profits, labor inefficiency, loss of bonding capacity, overhead and repair costs, costs of capital replacement, loss of wages, pain and suffering, loss of production costs to replace facilities, equipment and/or product loss, increased and/or extended home office overhead, increased general conditions, costs of mobilization and demobilization, decrease in value, and/or any other damage or loss.
- 6.05.08 The Contractor recognizes and specifically acknowledges the terms and conditions of the "no damage for delay" clause upon execution of this Contract.

ARTICLE 7. CONTRACT BONDS

- 7.01 The Contract shall become effective and in full force upon the execution of this agreement, concurrently with the delivery of a bond issued by a Surety Company acceptable to Owner in its sole discretion, such Surety being qualified and rated in accordance with Article 42.08 of Document 00700, General Conditions of the Contract, and approved by the United States Treasury Department and licensed to do business in the State of Florida.
- 7.02 This Agreement must be executed and signed by a resident agent having an office in Florida, representing such Surety Company, for one hundred percent (100%) of the Contract price, said bond guaranteeing the performance of this Contract and as security for the payment of all persons performing labor and providing materials in connection with this Contract.
- 7.03 The form of Bonds required is included elsewhere in the Contract Documents. This is in addition to any bonds of subcontractors or others.
- 7.04 Insurance Provider and Surety: Refer to Document 00700 - General Conditions, Article 42.09 Contractor's Insurance.
 - 7.04.01 Contractor and Surety shall have a continuing obligation to insure that all insurance or surety requirements are satisfied throughout the construction of the project and until all post completion obligations, including punch list and warranty requirements, are completed or expire.

ARTICLE 8. NOTICES

- 8.01 Any notices provided for hereunder shall be in writing and may be served either personally on the authorized representative of the receiving party at the jobsite, with a copy via telecopy or facsimile to the addresses shown below, or by registered mail or overnight delivery/courier service (e.g., Federal Express) to that party at the addresses shown below:

Party:	Address:	
Owner:	Superintendent of Schools The School Board of Broward County, Florida	600 SE Third Avenue Ft. Lauderdale, FL 33301 Attn: Robert W. Runcie
With Copies To:	Project Manager Office of Facilities and Construction The School Board of Broward County, Florida	2301 NW 26th Street Ft. Lauderdale, FL 33311 Attn: Joe Williams
	AND Director Procurement & Warehousing Services The School Board of Broward County, Florida	Mary C. Coker Procurement & Warehousing Services Department 7720 W. Oakland Park Blvd. Suite 323 Sunrise, Florida 33351
Contractor:	ADVANCED ROOFING, INC	1950 NW 22 nd Street Fort Lauderdale, FL 33311
Surety's Agent:	The Guarantee Company of North America USA	One Towne Square, Suite 1470 Southfield, MI 48076
Project Consultant:	SOL-ARCH, Inc.	6780 SW 80th Street MIAMI, FL 33143

8.02 These addresses may be changed by either of the parties by written notice to the other party.

ARTICLE 9. CONTRACTOR'S RESPONSIBILITIES

- 9.01 The Contractor must comply with public records laws. Florida State Statute 119.0701 requires that the Contractor keep, maintain and provide public access to public records. The Contractor shall ensure that public records that are confidential and exempt from public records disclosure are not disclosed, except as authorized by law. The Contractor shall be responsible for retaining public records and transfer, at no cost to the public agency, all public records in their possession upon completion or termination of the contract. Electronically stored records must be provided in a format compatible with the information technology systems of the public agency. Failure to comply with these provisions will constitute a breach of contract and will have financial consequences.
- 9.02 **e-Builder.** The Contractor shall use the Owner's Project Management software, e-Builder, as a conduit for all project management tasks, including, but not limited to: communications to, from and between Owner, Project Consultant and Contractor; pay applications/invoicing; requests for change orders and change orders; material, equipment and systems submittals; requests for information; Architect's

Supplemental Instructions; SMWBE Monthly Utilization Reporting; periodic Project observations; Weekly Progress Reports and meeting minutes.

Licenses shall be provided to Contractor to permit access and use of e-Builder for all projects awarded by Owner. Such license(s) shall be valid throughout the duration of the project(s). See Article 9.02.05 below for license request instructions.

- 9.02.01 Forms Module. The e-Builder Forms Module shall be used as the exclusive method to create Action Items that require a response from another Project Construction Team member. The required use of the Forms Module includes ALL e-mailed communications.
- 9.02.02 Work Flows. Any and all responses or required responses to an open Action Item or to an initiated Work Flow process shall be input and managed through e-Builder. Work Flow processes that will be executed through e-Builder include but are not limited to those processes identified in Article 3.1.2 above.
- 9.02.03 Calendar Module. The identification of Project events and required deliverables shall be input and maintained in the Calendar Module. At a minimum, such events include bi-weekly design meetings (while in design), weekly construction meetings, public meetings for the project (ex. Project Charter Meetings, Big Three-Monthly Updates, etc.) and other design and/or construction milestones and deadlines.
- 9.02.04 Meetings. Information to be input into e-Agenda related to any meeting includes, but is not limited to an agenda, a reminder of the meeting (which must occur a minimum of two (2) days prior to the meeting), meeting minutes (using the approved meeting minutes' template) and confirmation of actual meeting attendees.
- 9.02.05 Access to e-Builder and Licensing. Vendor shall designate and identify the employee(s) that shall personally access e-Builder, the projects to which the employee(s) is assigned, and the employee(s)'s duties and responsibilities as it relates to e-Builder.

This information together with a request for licensing shall be sent to Colette Jones, Programs Controls Support, telephone number (754) 321-1537, colette.jones@browardschools.com. Upon receipt, review and acceptance of the request, access information and logins shall be provided to Vendor.

Training shall be coordinated, scheduled and provided to those provided access and licenses by Colette Jones. Additional training may be provided based on availability. The Contractor shall be required to use Owner's Project Management software, e-Builder. One (1) license will be provided to the Contractor at no cost.

In witness thereof, the said Contractor, **ADVANCED ROOFING, INC.**, and the Owner, The School Board of Broward County, Florida, have caused this contract to be executed and their corporate seals affixed by and through their proper officers, thereunto duly authorized, on this day and year first above written.

OWNER

THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA


Heather P. Brinkworth, Chair

(Corporate Seal)

ATTEST:


Robert W. Runcie, Superintendent of
Schools

Approved as to form and legal content


Office of the General Counsel



CONTRACTOR

ADVANCED ROOFING, INC.

By *[Signature]*

Robert P. Kornahrens, President

_____, Secretary

[Signature]
Witness

[Signature]
Witness

CONTRACTOR NOTARIZATION

STATE OF Florida

COUNTY OF Broward

The foregoing instrument was acknowledged before me this 26 day of March,
2019 by Robert P. Kornahrens of Advanced Roofing, Inc.,
and, Faith Williams and Rose DiPaola of Advanced Roofing, Inc.,
on behalf of the Contractor.

Robert P. Kornahrens, and, Faith Williams and Rose DiPaola are personally
known to me or produced _____ as identification
and did/did not first take an oath.

My commission expires:

[Signature]
Signature - Notary Public

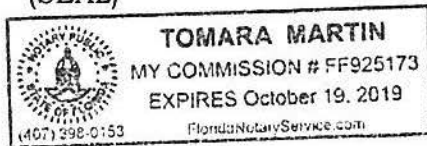
Tomara Martin

Printed Name of Notary

FF925173

Notary's Commission No.


(SEAL)




SURETY ACKNOWLEDGMENT

The Surety acknowledges that it has read the foregoing Construction Contract and has familiarized itself with the obligations of the Contractor and the Surety as stated therein, which obligations are agreed to by Surety and are incorporated, by reference to the Construction Contract, in the Payment and Performance Bonds.

SURETY: The Guarantee Company of North America USA



Torre Taylor


By: _____ Elizabeth De La Caridad Lang

Its: Attorney- in-Fact

Date: March 26, 2019



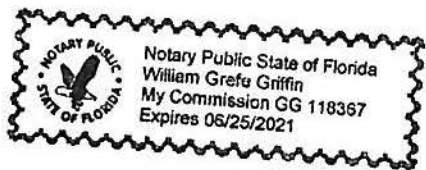
STATE OF Florida

COUNTY OF Miami-Dade

The foregoing instrument was acknowledged before me this 26th day of March,
2019 by Elizabeth De La Caridad Lang of American Global, LLC,
on behalf of the Surety.

He/she is personally known to me or produced _____ as
identification and did/did not first take an oath.

My commission expires:



(SEAL) 

Signature – Notary Public

William Greffe Griffin
Printed Name of Notary

GG118367
Notary's Commission No.

END OF DOCUMENT



The Guarantee Company of North America USA
Southfield, Michigan

POWER OF ATTORNEY

KNOW ALL BY THESE PRESENTS: That THE GUARANTEE COMPANY OF NORTH AMERICA USA, a corporation organized and existing under the laws of the State of Michigan, having its principal office in Southfield, Michigan, does hereby constitute and appoint

Michael Marino, William Grefe Griffin, Torre Taylor, Ricardo Davila Lamar, Elizabeth De La Caridad Lang
American Global, LLC

its true and lawful attorney(s)-in-fact to execute, seal and deliver for and on its behalf as surety, any and all bonds and undertakings, contracts of indemnity and other writings obligatory in the nature thereof, which are or may be allowed, required or permitted by law, statute, rule, regulation, contract or otherwise.

The execution of such instrument(s) in pursuance of these presents, shall be as binding upon THE GUARANTEE COMPANY OF NORTH AMERICA USA as fully and amply, to all intents and purposes, as if the same had been duly executed and acknowledged by its regularly elected officers at the principal office.

The Power of Attorney is executed and may be certified so, and may be revoked, pursuant to and by authority of Article IX, Section 9.03 of the By-Laws adopted by the Board of Directors of THE GUARANTEE COMPANY OF NORTH AMERICA USA at a meeting held on the 31st day of December, 2003. The President, or any Vice President, acting with any Secretary or Assistant Secretary, shall have power and authority:

- 1. To appoint Attorney(s)-in-fact, and to authorize them to execute on behalf of the Company, and attach the Seal of the Company thereto, bonds and undertakings, contracts of indemnity and other writings obligatory in the nature thereof; and
2. To revoke, at any time, any such Attorney-in-fact and revoke the authority given, except as provided below
3. In connection with obligations in favor of the Florida Department of Transportation only, it is agreed that the power and authority hereby given to the Attorney-in-Fact includes any and all consents for the release of retained percentages and/or final estimates on engineering and construction contracts required by the State of Florida Department of Transportation. It is fully understood that consenting to the State of Florida Department of Transportation making payment of the final estimate to the Contractor and/or its assignee, shall not relieve this surety company of any of its obligations under its bond.
4. In connection with obligations in favor of the Kentucky Department of Highways only, it is agreed that the power and authority hereby given to the Attorney-in-Fact cannot be modified or revoked unless prior written personal notice of such intent has been given to the Commissioner - Department of Highways of the Commonwealth of Kentucky at least thirty (30) days prior to the modification or revocation.

Further, this Power of Attorney is signed and sealed by facsimile pursuant to resolution of the Board of Directors of the Company adopted at a meeting duly called and held on the 6th day of December 2011, of which the following is a true excerpt:

RESOLVED that the signature of any authorized officer and the seal of the Company may be affixed by facsimile to any Power of Attorney or certification thereof authorizing the execution and delivery of any bond, undertaking, contracts of indemnity and other writings obligatory in the nature thereof, and such signature and seal when so used shall have the same force and effect as though manually affixed.



IN WITNESS WHEREOF, THE GUARANTEE COMPANY OF NORTH AMERICA USA has caused this instrument to be signed and its corporate seal to be affixed by its authorized officer, this 2nd day of October, 2015.

THE GUARANTEE COMPANY OF NORTH AMERICA USA

[Signature of Stephen C. Ruschak]

[Signature of Randall Musselman]

STATE OF MICHIGAN
County of Oakland

Stephen C. Ruschak, President & Chief Operating Officer

Randall Musselman, Secretary

On this 2nd day of October, 2015 before me came the individuals who executed the preceding instrument, to me personally known, and being by me duly sworn, said that each is the herein described and authorized officer of The Guarantee Company of North America USA; that the seal affixed to said instrument is the Corporate Seal of said Company; that the Corporate Seal and each signature were duly affixed by order of the Board of Directors of said company.



Cynthia A. Takai
Notary Public, State of Michigan
County of Oakland
My Commission Expires February 27, 2018
Acting in Oakland County

IN WITNESS WHEREOF, I have hereunto set my hand at The Guarantee Company of North America USA offices the day and year above written.

[Signature of Cynthia A. Takai]

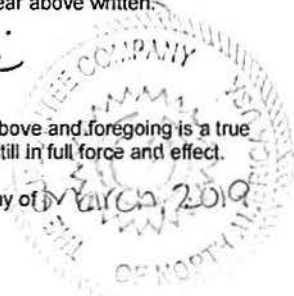
I, Randall Musselman, Secretary of THE GUARANTEE COMPANY OF NORTH AMERICA USA, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney executed by THE GUARANTEE COMPANY OF NORTH AMERICA USA, which is still in full force and effect.



IN WITNESS WHEREOF, I have thereunto set my hand and attached the seal of said Company this 20th day of March, 2019

[Signature of Randall Musselman]

Randall Musselman, Secretary



COLLABORATION

SIGN-OFF FORM

Item #/Title of Agenda Request Item: JJ-4./Construction Bid Recommendation of \$500,000 or Greater
 ITB 18-194C
 Hawkes Bluff Elementary School, Davie
 Advanced Roofing, Inc.
 SMART Program Renovations
 Project No. P.001784

School Board Meeting: 05/07/2019

The financial impact of this item is \$5,490,306

- () This project has not been appropriated in the Adopted District Educational Facilities Plan (September 5, 2018). These funds in the amount of \$_____ will come from the Capital Projects Reserve.
- () This project has been appropriated in the Adopted District Educational Facilities Plan (September 5, 2018). There is no impact to the project budget.
- () This project has been appropriated in the Adopted District Educational Facilities Plan (September 5, 2018). There is no current impact to the project budget. There is a potential future impact to the project budget based on the additional scope approved in this item.
- () This project has been appropriated in the Adopted District Educational Facilities Plan (September 5, 2018). There is an additional impact to the project budget. These funds in the amount of \$_____ will come from the Capital Projects Reserve.

(X) Comments: This project has been appropriated in the Adopted District Educational Facilities Plan (September 5, 2018). There is an additional impact to the project budget. These funds in the amount of \$3,906,437 will come from the Capital Projects Reserve. This increases the project budget from \$2,903,000 to \$6,809,437.

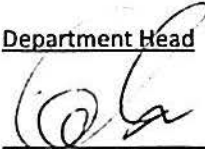
Department Name

Department Head

Department Head

Capital Budget

Omar Shim, Director


 Signature

4/23/2019
 Date

Note: By signing this collaboration the Capital Budget Department is acknowledging that the budget impact as stated is correct. Other aspects of the agenda item are the responsibility of the department submitting the item.