



Roof Replacements for Various School Buildings

Invitation for Bids # PSPW-20-14

General Information		
Project Cost Estimate	Varies by location	See Section 1.4
Project Timeline per job	60 calendar days from NTP	See Section 1.4
Evaluation of Proposals	Staff	See Section 1.7
Mandatory Pre-Bid Meeting	10:00 a.m. on November 11, 2020 Public Services Conference Room 8300 S Palm Drive Pembroke Pines FL 33025.	See Section 1.8
Question Due Date	November 17, 2020	See Section 1.8
Proposals will be accepted until	2:00 p.m. on December 01, 2020	See Section 1.8
5% Proposal Security / Bid Bond	Required in the event that the proposal exceeds \$200,000	See Section 4.1
100% Payment and Performance Bonds	Required in the event that the proposal exceeds \$200,000	See Section 4.2

THE CITY OF PEMBROKE PINES
PURCHASING DIVISION
8300 SOUTH PALM DRIVE
PEMBROKE PINES, FLORIDA 33025
(954) 518-9020



Table of Contents

SECTION 1 - INSTRUCTIONS	5
1.1 NOTICE	5
1.1.1 VIRTUAL BID OPENING	5
1.2 PURPOSE	6
1.3 SCOPE OF WORK	6
1.3.1 PROJECT DETAILS (as required per each location)	6
1.3.2 GENERAL INFORMATION	8
1.3.3 USE OF PREMISES	9
1.4 LOCATIONS, PROJECT COST ESTIMATE, & TIMELINE	9
1.4.1 PERMITS	9
1.4.2 PERMIT ALLOWANCE	9
1.4.3 WARRANTIES	10
1.5 PROPOSAL REQUIREMENTS	10
1.5.1 Attachment A: Contact Information Form	10
1.5.2 Attachment B: Non-Collusive Affidavit	11
1.5.3 Attachment C: Proposer's Qualifications Statement	11
1.5.4 Attachment F: References Form	11
1.5.5 Proposal Security (Bid Bond Form or Cashier's Check)	11
1.5.6 Copies of Warranties	12
1.6 VENDOR REGISTRATION AND QUALIFICATION DOCUMENTS	12
1.6.1 Vendor Information Form	12
1.6.2 Form W-9 (Rev. October 2018)	12
1.6.3 Sworn Statement on Public Entity Crimes Form	12
1.6.4 Local Vendor Preference Certification	12
1.6.5 Local Business Tax Receipts	12
1.6.6 Veteran Owned Small Business Preference Certification	13
1.6.7 Equal Benefits Certification Form	13
1.6.8 Vendor Drug-Free Workplace Certification Form	13
1.6.9 Scrutinized Company Certification	13
1.7 EVALUATION OF PROPOSALS & PROCESS OF SELECTION	13
1.8 TENTATIVE SCHEDULE OF EVENTS	13
1.8.1 MANDATORY PRE-BID MEETING / SITE VISIT	14



1.9	SUBMISSION REQUIREMENTS	14
SECTION 2 - INSURANCE REQUIREMENTS		15
2.1	REQUIRED INSURANCE	16
2.2	REQUIRED ENDORSEMENTS	18
SECTION 3 - GENERAL TERMS & CONDITIONS		19
3.1	EXAMINATION OF CONTRACT DOCUMENTS	19
3.2	CONFLICT OF INSTRUCTIONS	19
3.3	ADDENDA or ADDENDUM	19
3.4	INTERPRETATIONS AND QUESTIONS	19
3.5	RULES, REGULATIONS, LAWS, ORDINANCES and LICENSES	19
3.6	WARRANTIES FOR USAGE	20
3.7	BRAND NAMES	20
3.8	QUALITY	20
3.9	SAMPLES	20
3.10	DEVELOPMENT COSTS	20
3.11	PRICING	20
3.12	DELIVERY POINT	20
3.13	TAX EXEMPT STATUS	20
3.14	CONTRACT TIME	20
3.15	COPYRIGHT OR PATENT RIGHTS	21
3.16	PUBLIC ENTITY CRIMES	21
3.17	CONFLICT OF INTEREST	21
3.18	FACILITIES	21
3.19	ENVIRONMENTAL REGULATIONS	21
3.20	SIGNATURE REQUIRED	22
3.21	MANUFACTURER'S CERTIFICATION	22
3.22	MODIFICATION OR WITHDRAWAL OF PROPOSAL	22
3.23	PUBLIC BID; BID OPENING AND GENERAL EXEMPTIONS	22
3.24	RESERVATIONS FOR REJECTION AND AWARD	23
3.25	BID PROTEST	23
3.26	INDEMNIFICATION	23
3.27	DEFAULT PROVISION	23
3.28	ACCEPTANCE OF MATERIAL	24
3.29	LOCAL GOVERNMENT PROMPT PAYMENT ACT	24



3.30	SCRUTINIZED COMPANIES LIST	24
3.31	PUBLIC RECORDS; TRADE SECRET, PROPRIETARY AND CONFIDENTIAL SUBMITTALS	25
SECTION 4 - SPECIAL TERMS & CONDITIONS		26
4.1	PROPOSAL SECURITY	26
4.2	PAYMENT AND PERFORMANCE BONDS	26
4.3	OWNER'S CONTINGENCY	27
4.4	TAX SAVER PROGRAM	27
4.5	RELEASE OF LIEN	27
4.6	SOLID WASTE CONSTRUCTION AND DEMOLITION DEBRIS COLLECTION AND DISPOSAL REQUIREMENTS	27

ATTACHMENTS

- Attachment A: Contact Information Form
- Attachment B: Non-Collusive Affidavit
- Attachment C: Proposer's Qualifications Statement
- Attachment D: Sample Insurance Certificate
- Attachment E: Specimen Contract - **Construction Agreement**
- Attachment F: References Form
- Attachment G: Mandatory Pre-Bid/Site Visit Confirmation Form
- Attachment H: Standard Release of Lien Form
- Attachment I: Roofing System Notice of Acceptance (NOA)



SECTION 1 - INSTRUCTIONS

1.1 NOTICE

Notice is hereby given that the City Commission of the City of Pembroke Pines is seeking sealed proposals for:

IFB # PSPW-20-14 Roof Replacements for Various School Buildings

Solicitations may be obtained from the City of Pembroke Pines website at <http://www.ppines.com/index.aspx?NID=667> and on the www.BidSync.com website.

If you have any problems downloading the solicitation, please contact the BidSync Support line at 1-800-990-9339.

If additional information help is needed with downloading the solicitation package please contact the Purchasing Office at (954) 518-9020 or by email at purchasing@ppines.com. The Purchasing Office hours are between 7:00 a.m. - 6:00 p.m. on Monday through Thursday and is located at 8300 South Palm Drive, Pembroke Pines, Florida 33025.

The City requires all questions relating to the solicitation be entered through the "Ask a Question" option tab available on the BidSync website. Responses to the questions will be provided online at www.bidsync.com. Such request must be received by the "Question Due Date" stated in the solicitation. The issuance of a response via BidSync is considered an Addendum and shall be the only official method whereby such an interpretation or clarification will be made.

Proposals will be accepted until 2:00 p.m., Tuesday, December 01, 2020. Proposals must be submitted electronically at www.BidSync.com. The sealed electronic proposals will be publicly opened at 2:30 p.m. by the City Clerk's Office, in the City Hall Administration Building, 4th Floor Conference Room located at 601 City Center Way, Pembroke Pines, Florida, 33025.

1.1.1 VIRTUAL BID OPENING

At the time of writing of this notice, Florida Governor Ron DeSantis' Executive Order No. 20-69 (extended by EO 20-150 and EO 20-179) on the Coronavirus health alert, is due to expire on November 1, 2020. If the executive order is not extended then meetings may be a combination of in-person and virtual, all as provided by law, or as otherwise entered via an executive order of the governor. **In any event, the public is encouraged to attend the bid opening process virtually in lieu of attending the meeting in person.**

In addition, at the time of writing this notice, the City will not be opening up the physical location for public access as **City offices are closed to the public**, due to the COVID-19 Coronavirus Pandemic.



Bid openings for this project will be live-streamed from the City Clerk's Office, in the City Hall Administration Building, 4th Floor Conference Room located at 601 City Center Way, Pembroke Pines, Florida, 33025 at **2:30 PM on the bid due date**.

While recognizing the importance of public accessibility to the bid openings, and considering public health concerns, in the abundance of caution, the City is requesting that interested parties utilize live streaming as a safe way for vendors and the public to view the bid opening process in lieu of attending the meeting in person.

The public is invited to attend the meeting virtually via the Cisco Webex Meetings platform.

- Cisco Webex Meeting Number: 717 019 586
- Join by Phone Number: +1-408-418-9388

The public may download the **Cisco Webex Meetings app** from <https://www.webex.com/downloads.html/>, to view and listen to the meeting, however please make sure to mute your phone/microphone/device's audio and camera as the **public may attend the meeting but will not be allowed to comment or participate in the proceedings.**

If any member of the public requires additional information about this meeting or has any questions about how to access the meeting, please contact:

Danny Benedit, Procurement Department
City of Pembroke Pines
8300 South Palm Drive,
Pembroke Pines, FL 33025
954-518-9022
purchasing@ppines.com

1.2 PURPOSE

The City of Pembroke Pines is seeking proposals from qualified firms, hereinafter referred to as the Contractor, to replace the roofs of various city charter school buildings listed within, in accordance with the terms, conditions, and specifications contained in this solicitation.

1.3 SCOPE OF WORK

1.3.1 PROJECT DETAILS (as required per each location)

- Roof system design shall be based on a 180 mph wind resistance.
- Verification of all dimensions, square footages, and quantities are the responsibility of the Contractor.



- The bid shall include pricing for a built-up roofing system. Vendor shall use CertainTeed roof materials or proven equal and receive approval from the city representative for such.
- All products must be Miami/Dade approved and installed in accordance with the 2017 Florida Building Code.
- Where applicable, roof insulation shall be replaced with equal or greater quality and R-Value.
- At no time shall the contractor uncover work which cannot be protected the same day.
- Contractor shall be responsible for removal and re-installation of all roof top equipment including but not limited to all skylights, satellite dishes, lightning protection, A/C equipment, and electrical/refrigerant penetrations where applicable.
- Remove all existing roof surfaces to supporting deck.
- Contractor responsible for cutting wall to remove old stucco stop at flashing.
- Repair any exposed damaged surfaces to include light weight concrete and stucco surfaces prior to installation of new roofing system. Contractor to provide price per foot on damaged lightweight concrete and stucco.
- For roofs that are not pre-tapered: Install all new insulation board (or lightweight concrete as needed) with a 1/4" per foot required taper and any required crickets to allow proper drainage; there will be zero tolerance for ponding water.
- Include all seals required around existing vents, curbs, drains, scuppers or any other roof penetrations.
- Install 75# base sheet by mechanically fastening as per appropriate code requirements and engineer specifications.
- Install 2 plies of Flintglass ply VI hot mopped with asphalt.
- Install 1 ply of granulated fiberglass cap sheet.
- Install modified bitumen on all walls and flashings.
- Install all required membrane and sheet metal flashings in accordance with the local building code and the manufacturer's standard details.
- Flash all required curbs, parapet walls (up and over), mechanical curbs or other required areas.
- Install cantilever strip around all curbs and parapet walls.
- Install new retrofit drains.
- Secure all base flashings with proper sealant.
- Install termination bar around all curbs and wall flashing.
- Install all new surface mount stainless steel stucco stop where applicable.
- Fabricate and install all new stainless steel pitch pans throughout.
- Install expansion joints as required.
- Install all new 26 gauge stainless steel overflow scupper flashing.
- Install all new 26 gauge stainless steel eave drip edge where applicable.
- Install all new 26 gauge stainless steel coping caps with proper PT wood nailers.
- Contractor shall replace all fascia and drip edge nailer with PT Wood and add a line item with a cost per sheet to be used for plywood re sheeting replacement.
- Install walk pads from roof hatch to all A/C units.
- Where applicable, coping cap may not have exposed mechanical fasteners.



- Install all new goose necks to house refrigerant lines for A/C units where applicable.
- Install all new roofing equipment curbs where applicable.
- Install all new skylights where applicable.
- All equipment must be installed as per all governing code requirements.
- All work must be complete and have passed all inspections within sixty (60) days of issuance of the Notice to Proceed.
- Contractor to provide a price per square foot to repair light weight concrete deck and hidden stucco surfaces as needed.
- Contractor shall remove and reinstall gutters & downspouts as needed.
- Where existing, decorative barrel tile eye brows shall be replaced along with the main roof.

1.3.2 GENERAL INFORMATION

- The minimum experience required as a licensed Roofing Contractor and/or General Contractor is five (5) years for these projects.
- Contractor shall provide all materials, labor, equipment, and any other necessary items required for complete installation.
- All documents, plans, submittals, and NOA's required to obtain a permit are to be provided by the contractor.
- Contractor shall provide all testing, manufacturer warranties, and certifications.
- The successful Bidder shall employ a competent English speaking superintendent who shall be in attendance at the project site during the progress of the work. The superintendent shall be the primary representative for the Bidder and all communications given to and all decisions made by the superintendent shall be binding to the Bidder.
- Contractor will be required to schedule all work with the City's Project Manager.
- Contractor shall be responsible for all debris removal and restoration to any existing areas damaged by the contractor once the project is completed. Site shall be made safe, and clean of debris at the end of each work day.
- All precautions need to be taken for life safety and protection of people, vehicles, and all other structures on the site.
- The work must be performed Monday through Friday or as approved by the Project Manager.
- Contractor will have to be flexible with work scheduling in order to not interfere with normal school operation, to include after hour or weekend work if necessary.
- Damaged stucco surfaces that are visible prior to the roof tear off shall be included in the bid price. Hidden stucco and light weight concrete surfaces shall be repaired using the price per square foot provided by the contractor as part of the bid and as approved by the project manager prior to the execution of the repair.
- Awarded contractor will be required to have his crew/s badged and authorized to work on school campus as required by Broward County School Board.



- These projects may be funded by a grant from the Federal Emergency Management Agency (FEMA) so bidders should account for all applicable regulations to include labor laws.

1.3.3 USE OF PREMISES

- Contractor shall limit their use on the premises for work and storage, and to allow for Owner's Occupancy.
- Contractor shall coordinate use of premises under direction of owner representative, assume full responsibility for protection and safe keeping of products under this contract stored on site, and move any stored products under Contractor's control which interfere with operations of the Owners or separate contractor.

1.4 LOCATIONS, PROJECT COST ESTIMATE, & TIMELINE

The estimated total cost for this group of projects is \$1.9 Million.

Location and Address	Approximate Square Footage	Calendar Days From NTP to Completion
West Campus Building E 1680 SW 184 Ave Pembroke Pines Fl 33029	15,000	60
West Campus Building P 1680 SW 184 Ave Pembroke Pines Fl 33029	15,000	60
Academic Village Campus Gym/Cafeteria Building 17189 Sheridan Street Pembroke Pines Fl 33331	50,000	60
FSU Campus Building A 501 SW 172 Ave. Pembroke Pines FL 33027	11,000	60
East Campus Building P 10801 Pembroke Road Pembroke Pines FL 33025	15,000	60
East Campus Building M 10801 Pembroke Road Pembroke Pines FL 33025	13,000	60

1.4.1 PERMITS

Please note that the City will waive all City related permit, license, impact or inspection fees (including the Building Department and Engineering Department Permit Fees) related to this project. Any related State or County fees, for the aforementioned permits, will be paid by the City.

In addition, the City shall cover the cost for any other permit fees related to external entities through the City's Owner's Contingency for this project, **therefore proposers should not include permit costs in their total proposal price.**

1.4.2 PERMIT ALLOWANCE



With the exception of the City related permit, license, impact or inspection fees (including the Building Department and Engineering Department Permit Fees), which will be waived for this project, the City does not anticipate any additional permit, license, impact or inspection fees for this project.

1.4.3 WARRANTIES

- The awarded contractor must provide a workmanship warranty of no less than 10 years for labor.
- The awarded contractor must provide a manufacturer's warranty of not less than twenty (20) years for materials.
- Copies of all warranties **must** be provided with bids and shall be No Dollar Amount Limit.

1.5 PROPOSAL REQUIREMENTS

The following documents will need to be completed, scanned and submitted through www.bidsync.com as part of the bidder's submittal. The proposer interested in responding to this solicitation must provide the information requested below. Submittals that do not respond completely to all requirements specified herein may be considered non-responsive and eliminated from the process.

1.5.1 Attachment A: Contact Information Form

- a. Attached is contact information form (Attachment A) where the vendor will enter their contact information and complete the proposal checklist. The Contact information form shall be electronically signed by the contact person authorized to represent the contractor. This form must be completed and submitted through www.bidsync.com as part of the bidder's submittal.
- b. The vendor must provide their pricing through the designated lines items listed on the BidSync website.
- c. Please note vendors should be registered on BidSync under the name of the organization that they are operating as and it should match the organization name on the documents that they are submitting and utilizing when responding to the solicitation.
- d. The contact information form should contain an electronic signature of the authorized representative of the Proposer along with the address and telephone number for communications regarding the Proposal.
- e. Proposals by corporations should be executed in the corporate name by the President or other corporate officer accompanied by evidence of authority to sign. The corporate address and state of incorporation must also be shown.



- f. Proposals by partnerships should be executed in the partnership name and signed by a partner whose title and the official address of the partnership must be shown.

1.5.2 Attachment B: Non-Collusive Affidavit

1.5.3 Attachment C: Proposer's Qualifications Statement

1.5.4 Attachment F: References Form

- a. Complete **Attachment F: References Form**, preferably where the team was the same. References should be from the last five years and should be capable of explaining and confirming your firm's capacity to successfully complete the scope of work outlined herein. As part of the proposal evaluation process, the City may conduct an investigation of references, including a record check or consumer affairs complaints. Proposers' submission of a proposal constitutes acknowledgment of the process and consent to investigate. The City is the sole judge in determining Proposers qualifications.

1.5.5 Proposal Security (Bid Bond Form or Cashier's Check)

- a. Each Proposal must be accompanied by a certified or cashier's check or by a Bid Bond made payable to the City of Pembroke Pines on an approved form, duly executed by the Proposer as principal and having as surety thereon a surety company acceptable to CITY and authorized to write such Bond under the laws of the State of Florida, in an amount not less than five percent (5%) of the amount of the base Proposal price.
- b. Contingency is not to be counted in the total amount the proposal security is based on.
- c. Proposers must submit a scanned copy of their bid security (bid bond form or cashier's check) with their bid submittal through BidSync.
- d. Proposers must also submit their original bid security (bid bond form or cashier's check) at time of the bid due date, or they may be deemed as non-responsive.
- e. The original Bid Bond or Cashier's Check should be in a sealed envelope, plainly marked "**BID SECURITY - IFB # PSPW-20-14 Roof Replacements for Various School Buildings**" and sent to the City of Pembroke Pines, City Clerk's Office, 4th Floor, 601 City Center Way, Pembroke Pines, Florida, 33025.
- f. Please see SECTION 4 - SPECIAL TERMS & CONDITIONS of this IFB for additional information.



1.5.6 Copies of Warranties

1.6 VENDOR REGISTRATION AND QUALIFICATION DOCUMENTS

The City has implemented a new process that is intended to make the bidding process easier for vendors that bid on multiple City projects. This process will require vendors to complete and submit the following standard forms and documents at any time prior to bidding on a project. In addition, the vendors will be able to utilize these same forms without the need to re-fill and re-submit the forms each time they bid on a City project.

Furthermore, please make sure to update this information on an as-needed basis so that all pertinent information is accurate, such as local business tax receipts, and any other relevant information.

These forms will be found under the “Vendor Registration” group of “Qualifications” on the BidSync website for the City of Pembroke Pines. Please note that the BidSync website requires bidders to complete all of these qualifications prior to being able to submit questions on any bids, therefore, please make sure to complete this information as soon as possible.

The following documents can be completed prior to the bidding process through the BidSync website and do not need to be attached to your submittal as the BidSync website will automatically include it.

1.6.1 Vendor Information Form

1.6.2 Form W-9 (Rev. October 2018)

- a. Previously dated versions of this form will delay the processing of any payments to the selected vendor.

1.6.3 Sworn Statement on Public Entity Crimes Form

1.6.4 Local Vendor Preference Certification

- a. If claiming Local Pembroke Pines Vendor Preference, business must attach a current business tax receipt from the City of Pembroke Pines
- b. If claiming Local Broward County Vendor Preference, business must attach a current business tax receipt from Broward County or the city within Broward County where the business resides.
- c. The Local Vendor Preference Certification form must be completed by/for the proposer; the proposer **WILL NOT** qualify for Local Vendor Preference based on their sub-contractors’ qualifications.

1.6.5 Local Business Tax Receipts



1.6.6 Veteran Owned Small Business Preference Certification

- a. If claiming Veteran Owned Small Business Preference Certification, business must attach the “Determination Letter” from the United States Department of Veteran Affairs Center for Verification and Evaluation notifying the business that they have been approved as a Veteran Owned Small Business (VOSB).
- b. The Veteran Owned Small Business Preference Certification form must be completed by/for the proposer; the proposer **WILL NOT** qualify for Veteran Owned Small Business Preference based on their sub-contractors’ qualifications.

1.6.7 Equal Benefits Certification Form

1.6.8 Vendor Drug-Free Workplace Certification Form

1.6.9 Scrutinized Company Certification

1.7 EVALUATION OF PROPOSALS & PROCESS OF SELECTION

- A. Staff will evaluate all responsive proposals received from proposers who meet or exceed the bid requirements contained in the solicitation. Evaluations shall be based upon the information contained in the proposals as submitted.
- B. Staff will make a recommendation to the City Commission for award of contract.

1.8 TENTATIVE SCHEDULE OF EVENTS

Event	Time &/or Date
Issuance of Solicitation (Posting Date)	October 27, 2020
Mandatory Pre-Bid Meeting	10:00 a.m. on November 11, 2020
Question Due Date	November 17, 2020
Anticipated Date of Issuance for the Addenda with Questions and Answers	November 23, 2020
Proposals will be accepted until	2:00 p.m. on December 01, 2020
Proposals will be opened at	2:30 p.m. on December 01, 2020
Evaluation of Proposals by Staff	TBD
Recommendation of Contractor to City Commission award	TBD
Issuance of Notice to Proceed	TBD
Project Commencement	Not later than 10 days after NTP
Project Completion	60 days after NTP



1.8.1 MANDATORY PRE-BID MEETING / SITE VISIT

There will be a mandatory scheduled pre-bid meeting on **November 11, 2020 at 10:00 a.m.** Meeting location will be at the Public Services Conference Room 8300 S Palm Drive Pembroke Pines FL 33025.

1.9 SUBMISSION REQUIREMENTS

Bids/proposals **must be submitted electronically** at www.bidsync.com on or before **2:00 p.m. on December 01, 2020.**

Please note vendors should be registered on BidSync under the name of the organization that they are operating as and it should match the organization name on the documents that they are submitting and utilizing when responding to the solicitation.

The vendor must provide their pricing through the designated lines items listed on the BidSync website. In addition, the vendor must complete any webforms on the BidSync website and provide any additional information requested throughout this solicitation. Any additional information requested in the solicitation should be scanned and uploaded. **Unless otherwise specified, the City requests for vendors to upload their documents as one (1) PDF document in the order that is outline in the bid package.**

The City recommends for proposers to submit their proposals as soon as they are ready to do so. Please allow ample time to submit your proposals on the BidSync website. Proposals may be modified or withdrawn prior to the deadline for submitting Proposals. BidSync Support is happy to help you with submitting your proposal and to ensure that you are submitting your proposals correctly, but we ask that you contact their support line at 1-800-990-9339 with ample time before the bid closing date and time.

PLEASE DO NOT SUBMIT ANY PROPOSALS VIA MAIL, E-MAIL OR FAX.

However, please note that any required Bid Bond or Cashier's Check should be in a sealed envelope, plainly marked "**BID SECURITY - IFB # PSPW20-14 Roof Replacements for Various School Buildings**" and sent to the City of Pembroke Pines, City Clerk's Office, 4th Floor, 601 City Center Way, Pembroke Pines, Florida, 33025.

**CONTACT INFORMATION FORM**

IN ACCORDANCE WITH “PSPW-20-14” titled “**Roof Replacements for Various School Buildings**” attached hereto as a part hereof, the undersigned submits the following:

A) Contact Information

The Contact information form shall be electronically signed by one duly authorized to do so, and in case signed by a deputy or subordinate, the principal's properly written authority to such deputy or subordinate must accompany the proposal. This form must be completed and submitted through www.bidsync.com as part of the bidder's submittal. The vendor must provide their pricing through the designated lines items listed on the BidSync website.

COMPANY INFORMATION:

COMPANY: _____

STREET ADDRESS: _____

CITY, STATE & ZIP CODE: _____

PRIMARY CONTACT FOR THE PROJECT:

NAME: _____ TITLE: _____

E-MAIL: _____

TELEPHONE: _____ FAX: _____

AUTHORIZED APPROVER:

NAME: _____ TITLE: _____

E-MAIL: _____

TELEPHONE: _____ FAX: _____

SIGNATURE: _____

**B) Proposal Checklist**

Are all materials, freight, labor and warranties included?	Yes_____
Did you include copies of all warranties in your bid package, per the instructions in section 1.4.3? This is a requirement.	Yes_____

Did you make sure to submit the following items, as stated in section 1.5 “Proposal Requirements” of the bid package?

Attachment A - Contact Information Form	Yes_____
Attachment B - Non-Collusive Affidavit	Yes_____
Attachment C - Proposer’s Completed Qualification Statement	Yes_____
Attachment F - References Form	Yes_____
Attachment G - Mandatory Pre-Bid Meeting Form	Yes_____
Does your proposal exceed \$200,000 for this construction project? If so, please include a Proposal Security (Bid Bond or Cashier’s Check) along with a separate line item to provide a Payment and Performance Bond. (See Bid Package for details)	Yes_____

Did you make sure to update the following documents found under the “Vendor Registration” group of “Qualifications” on the BidSync website for the City of Pembroke Pines?

Vendor Information Form	Yes_____
Form W-9 (Rev. October 2018)	Yes_____
Sworn Statement on Public Entity Crimes Form	Yes_____
Local Vendor Preference Certification	Yes_____
Local Business Tax Receipts	Yes_____
Veteran Owned Small Business Preference Certification	Yes_____
Equal Benefits Certification Form	Yes_____
Vendor Drug-Free Workplace Certification Form	Yes_____
Scrutinized Company Certification	Yes_____

**C) Sample Proposal Form**

The following sample price proposal is for information only. The vendor must provide their pricing through the designated lines items listed on the BidSync website.

West Campus Building E - 1680 SW 184 Ave Pembroke Pines, FL 33029	
Project Cost	Price to be Submitted Via BidSync
West Campus Building P - 1680 SW 184 Ave Pembroke Pines FL 33029	
Project Cost	Price to be Submitted Via BidSync
Academic Village Campus Gym/Cafeteria Building - 17189 Sheridan Street Pembroke Pines FL 33331	
Project Cost	Price to be Submitted Via BidSync
FSU Campus Building A - 501 SW 172 Ave. Pembroke Pines FL 33027	
Project Cost	Price to be Submitted Via BidSync
East Campus Building P - 10801 Pembroke Road Pembroke Pines FL 33025	
Project Cost	Price to be Submitted Via BidSync
East Campus Building M - 10801 Pembroke Road Pembroke Pines FL 33025	
Project Cost	Price to be Submitted Via BidSync
Additional Work	
Additional Work- Stucco Repair (sqft)	Price to be Submitted Via BidSync
Additional Work- Lightweight Concrete Repair (sqft)	Price to be Submitted Via BidSync
Additional Work- Steel Decking Repair (sqft)	Price to be Submitted Via BidSync
Additional Work- Plywood (sqft)	Price to be Submitted Via BidSync
Payment and Performance Bond	
Cost to Provide Payment and Performance Bond for the project, in the form of a percent	Percent to be Submitted Via BidSync



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786)315-2590 F (786) 31525-99

www.miamidade.gov/economy

CertainTeed Corporation
20 Moores Road
Malvern, PA 19355

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code including the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: CertainTeed Conventional Built-Up-Roof System over Lightweight Concrete Decks.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews NOA No. 16-0322.19 and consists of pages 1 through 10.
The submitted documentation was reviewed by Alex Tigera.



NOA No.: 17-1003.09
Expiration Date: 04/28/23
Approval Date: 04/26/18
Page 1 of 10

ROOFING SYSTEM APPROVAL

Category: Roofing
Sub-Category: Built-Up Roofing
Material: Fiberglass
Deck Type: Lightweight Concrete
Maximum Design Pressure: -52.5 psf

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

TABLE 1

Product	Dimensions	Test Specification	Product Description
Flintglas Ply 4	36" x 164'7"; Roll weight: 40/55 lbs. (5 squares)	ASTM D2178 Type IV UL Type G1	Fiberglass, asphalt impregnated ply sheet.
Flintglas Premium Ply 6	39 3/8" x 164'7"; Roll weight: 40 lbs. (5 squares)	ASTM D2178, Type VI UL Type G1	Fiberglass, asphalt impregnated ply sheet.
Flintglas® MS Cap CoolStar	36" X 32'10"; Roll Weight: 78 lbs. (1 square)	ASTM D3909 UL Type G3	Asphalt impregnated and coated inorganic glass fiber surfaced with mineral granules used as the top ply in conventional built-up roof membranes. Covered with reflective CoolStar Coating.
Flintglas® MS Cap Sheet	36" X 32'10"; Roll Weight: 78 lbs. (1 square)	ASTM D3909 UL Type G3	Asphalt impregnated and coated inorganic glass fiber surfaced with mineral granules used as the top ply in conventional built-up roof membranes.
All Weather/Empire Base Sheet	36" x 65'10"; Roll weight: 86 lbs. (2 squares)	ASTM D4601 Type II	SBS modified, fiberglass reinforced base/ply sheet.
Flexiglas Base Sheet	36" x 98'9"; Roll weight: 90 lbs. (3 squares)	ASTM D4601 Type II	SBS modified, fiberglass reinforced base/ply sheet.
Flintlastic Poly SMS Base Sheet	39 3/8" x 64'4"; Roll weight: 90 lbs. (2 squares)	ASTM D4601 Type II	SBS modified, polyester reinforced base/ply sheet.
Glasbase Base Sheet	36" x 98'9"; Roll weight: 69 lbs. (3 squares)	ASTM D4601 Type II	Asphalt coated, fiberglass reinforced base/ply sheet.
Flintlastic Base 20	36" x 98'9"; Roll weight: 90 lbs. (3 squares)	ASTM D6163 Grade S Type I	SBS modified, fiberglass reinforced base/ply sheet.



NOA No.: 17-1003.09
 Expiration Date: 04/28/23
 Approval Date: 04/26/18
 Page 2 of 10

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:**TABLE 1**

<u>Product</u>	<u>Dimensions</u>	<u>Test Specification</u>	<u>Product Description</u>
Flintlastic Ultra Poly SMS Base Sheet	39 3/8" x 32'10"	ASTM D6164 Grade S Type I	SBS modified, polyester reinforced base/ply sheet.

APPROVED INSULATIONS:**TABLE 2**

<u>Product Name</u>	<u>Product Description</u>	<u>Manufacturer (With Current NOA)</u>
FlintBoard ISO	Polyisocyanurate foam insulation	CertainTeed Corporation
FlintBoard _H ISO	Polyisocyanurate foam insulation	CertainTeed Corporation
ACFoam-II	Polyisocyanurate foam insulation	Atlas Roofing Corporation
DensDeck, DensDeck Prime	Water resistant gypsum board	Georgia Pacific Gypsum LLC
H-Shield	Polyisocyanurate foam insulation	Hunter Panels, LLC.
ENRGY 3	Polyisocyanurate foam insulation	Johns Manville Corp.
Ultra-Max	Polyisocyanurate roof insulation	RMax Operating, LLC.
Structodek High Density Fiberboard Insulation	High Density Wood Fiber insulation board.	Blue Ridge Fiberboard, Inc.
EnergyGuard™ Perlite Roof Insulation	Perlite insulation board	GAF
Fesco Board	Expanded perlite and fiber insulation	Johns Manville Corp.

APPROVED FASTENERS:**TABLE 3**

<u>Fastener Number</u>	<u>Product Name</u>	<u>Product Description</u>	<u>Dimensions</u>	<u>Manufacturer (With Current NOA)</u>
1.	Trufast FM-90 Base Sheet Fastener	Base ply fastening systems for lightweight concrete decks.	2.7" x 1.7"	Altenloh, Brinck & Co. U.S., Inc.
2.	CR Assembled Base Sheet Fastener (1.7")	Fastener assembly for Base Sheet fastening only	1.125" x 1.75" 2.75" Galvalume steel stress plate	OMG, Inc.



NOA No.: 17-1003.09
 Expiration Date: 04/28/23
 Approval Date: 04/26/18
 Page 3 of 10

EVIDENCE SUBMITTED:

<u>Test Agency/Identifier</u>	<u>Name</u>	<u>Report</u>	<u>Date</u>
Trinity ERD	TAS 117 (B)	3503.10.06	10/10/06
	TAS 117 (B)	O6490.04.07-R1	06/27/07
	TAS 117 (B)/ ASTM D6862	C8500SC.11.07	11/30/07
	TAS 114	C8370.08.08	08/19/08
	ASTM Physical Properties	C10080.09.08-R4	03/25/10
	ASTM D4601	C40050.09.12-1	09/28/12
	ASTM D3909	C44200.03.13	03/22/13
	ASTM D2178	C47250.03.14	03/26/14
	ASTM D1876	C35460.05.11-R1	05/20/15
	ASTM D3909	CTR-SC11145.09.16-2A	09/19/16
	ASTM D4601	CTR-SC11145.09.16-3A	09/19/16
Factory Mutual Research Corp.	FMRC 4470	J.I. #3Y8A1.AM	03/23/96
	FMRC 4454	J.I. 0D3A3.AM	04/04/97
	FMRC 4470	J.I. 1D7A4.AM	11/09/98
	FMRC 4470	J.I. 2D0A0.AM	12/23/98
Underwriters Laboratories, Inc.	UL 790	R11656	01/11/13
PRI Construction Materials Technologies LLC	ASTM D6163	CTC-066-02-01	08/09/11
	ASTM D2178	CTC-123-02-01	03/13/12
	ASTM D4601	CTC-124-02-01	03/13/12
	ASTM D4601	CTC-127-02-01	03/13/12



NOA No.: 17-1003.09
 Expiration Date: 04/28/23
 Approval Date: 04/26/18
 Page 4 of 10

APPROVED ASSEMBLIES

Deck Type 4I:	Lightweight Concrete, Insulated
Deck Description:	Concrecel, Mearlcrete or Elastizell Cellular Lightweight Concrete over structural concrete. (Deck System Limitations Apply.)
System Type A:	Anchor sheet mechanically fastened, one or more layer of insulation adhered with approved asphalt.

All General and System limitations apply.

LWC Deck:	<p>Minimum 160 psi, Elastizell Lightweight Insulating Concrete is applied with an 1/8" slurry coat followed by a 2" Star-R-Foam Gripper-HB or 1/12" Apache Holey Board. Apply a minimum 2" thick top coat of Elastizell Lightweight Insulating concrete.</p> <p>Or</p> <p>Minimum 200 psi, Mearlcrete is applied with an 1/8" slurry coat followed by minimum 1-1/2" thick Holey Board or EPS Insulation. Followed by a minimum 2" thick top coat of Mearlcrete or Elastizell is placed over the insulation</p> <p>Or</p> <p>Minimum 400 psi, Concrecel Bonding agent applied to the deck at rate 600 ft²/gal. followed by a slurry-coat of insulating concrete 1/4" thick above the top flange followed by a minimum 1" thick holey board and allowed to cure overnight. The following day a minimum 2 1/4" top coat Concrecel Concrete is placed. After an additional cure time of 24 hours, Concrecel Curing Compound was roller applied at a rate of 600 ft²/gal.</p>
Base Sheet Options:	<p>(Elastizell; Option #1) One ply of All Weather/Empire Base Sheet, Flexiglas Base Sheet, Flintastic Base 20 or Flintlastic Poly SMS Base Sheet mechanically attached to the deck using Trufast FM-90 Base Sheet Fastener spaced 7" o.c. in the 4" side lap and 7" o.c. in two evenly divided, staggered rows in the center of the sheet. <i>(Maximum Design Pressure –45 psf, See General Limitation #7.)</i></p> <p>(Concrecel or Mearlcrete; Option #2.) One ply of All Weather/Empire Base Sheet or Glasbase Base Sheet mechanically attached to the deck using OMG CR Assembled Base Sheet Fastener (1.7") spaced 7" o.c. in the 4" side lap and 7" o.c. in two evenly divided, staggered rows in the center of the sheet. <i>(Maximum Design Pressure –52.5 psf, See General Limitation #7.)</i></p>

One or more layers of any of the following insulations:



NOA No.: 17-1003.09
 Expiration Date: 04/28/23
 Approval Date: 04/26/18
 Page 5 of 10

<u>Base Insulation Layer</u>	<u>Insulation Fasteners</u>	<u>Fastener Density/ft²</u>
ACFoam-II, ENRGY 3, Ultra-Max, H-Shield Minimum 1" thick	N/A	N/A
Structodek High Density Fiberboard Insulation Minimum ½" thick	N/A	N/A
Fesco Board or EnergyGuard™ Perlite Roof Insulation Minimum ¾" thick	N/A	N/A
DensDeck, DensDeck Prime Minimum ¼" thick	N/A	N/A

<u>(Optional) Top Insulation Layer</u>	<u>Insulation Fasteners</u>	<u>Fastener Density/ft²</u>
Any Insulation listed for Base Layer, above.		

Note: All insulation shall be adhered to the anchor sheet in full mopping of approved hot asphalt within the EVT range and at a rate of 20-40 lbs./100 ft². Please refer to Roofing Application Standard RAS 117 for insulation attachment. Insulation listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate. Composite insulation panels may be used as a top layer placed with the polyisocyanurate side facing down.

Base Sheet: (Optional)	Install one ply of All Weather/Empire Base Sheet, Flexiglas Base Sheet, Flintlastic Base 20, Flintlastic Poly SMS Base Sheet, Flintlastic Ultra Poly SMS Base Sheet or Glasbase Base Sheet directly over the top layer of insulation. Adhere with any approved mopping asphalt at an application rate of 20-35 lbs./sq.
Ply Sheet:	One ply of All Weather/Empire Base Sheet, Flexiglas Base Sheet, Flintlastic Base 20, Flintlastic Poly SMS Base Sheet, Flintlastic Ultra Poly SMS Base Sheet or two or more plies of Flintglas Ply Sheet 4 or Flintglas Premium Ply 6 adhered in a full mopping of approved asphalt at an application rate of 20-35 lbs./sq.
Cap Sheet: (Optional)	One ply of Flintglas MS Cap Sheet or Flintglas MS Cap CoolStar adhered in a full mopping of approved asphalt at an application rate of 20-35 lbs./sq.
Surfacing:	(Required if no cap sheet is used) Any coating, listed below, used as a surfacing, must be listed within a current NOA. Install one of the following: <ol style="list-style-type: none"> 1. Flood coat of hot asphalt with an application rate of 60 lbs./sq. ± 20%; plus gravel or slag with an application rate of 400 lbs./sq. & 300 lbs./sq., respectively. 2. A two part coating consisting of a base coat of APOC #300 Non-Fibered Emulsion at rate of 3 gal./sq.; surfaced with 1 gal./sq. APOC#212 Fibered Aluminum Roof Coating.

Maximum Design Pressure: See fastening requirements above



NOA No.: 17-1003.09
 Expiration Date: 04/28/23
 Approval Date: 04/26/18
 Page 6 of 10

Deck Type 4: Lightweight Concrete, Non-Insulated

Deck Description: Concrecel, Mearlcrete or Elastizell Cellular Lightweight Concrete over structural concrete. (Deck System Limitations Apply.)

System Type E: Base sheet mechanically fastened.

All General and System limitations apply.

LWC Deck: Minimum 160 psi, Elastizell Lightweight Insulating Concrete is applied with an 1/8" slurry coat followed by a 2" Star-R-Foam Gripper-HB or 1/12" Apache Holey Board. Apply a minimum 2" thick top coat of Elastizell Lightweight Insulating concrete.

Or

Minimum 200 psi, Mearlcrete is applied with an 1/8" slurry coat followed by minimum 1-1/2" thick Holey Board or EPS Insulation. Followed by a minimum 2" thick top coat of Mearlcrete or Elastizell is placed over the insulation

Or

Minimum 400 psi, Concrecel Bonding agent applied to the deck at rate 600 ft²/gal. followed by a slurry-coat of insulating concrete 1/4" thick above the top flange followed by a minimum 1" thick holey board and allowed to cure overnight. The following day a minimum 2 1/4" top coat Concrecel Concrete is placed. After an additional cure time of 24 hours, Concrecel Curing Compound was roller applied at a rate of 600 ft²/gal.

Base Sheet Options: (Elastizell; Option #1) One ply of All Weather/Empire Base Sheet, Flexiglas Base Sheet, Flintlastic Base 20 or Flintlastic Poly SMS Base Sheet mechanically attached to the deck using Trufast FM-90 Base Sheet Fastener spaced 7" o.c. in the 4" side lap and 7" o.c. in two evenly divided, staggered rows in the center of the sheet.
(Maximum Design Pressure –45 psf, See General Limitation #7.)

(Concrecel or Mearlcrete; Option #2.) One ply of All Weather/Empire Base Sheet or Glasbase Base Sheet mechanically attached to the deck using OMG CR Assembled Base Sheet Fastener (1.7") spaced 7" o.c. in the 4" side lap and 7" o.c. in two evenly divided, staggered rows in the center of the sheet.
(Maximum Design Pressure –52.5 psf, See General Limitation #7.)

Ply Sheet: One ply of All Weather/Empire Base Sheet, Flexiglas Base Sheet, Flintlastic Base 20, Flintlastic Poly SMS Base Sheet, Flintlastic Ultra Poly SMS Base Sheet or two or more plies of Flintglas Ply Sheet 4 or Flintglas Premium Ply 6 adhered in a full mopping of approved asphalt at an application rate of 20-35 lbs./sq.

Cap Sheet: One ply of Flintglas MS Cap Sheet or Flintglas MS Cap CoolStar adhered in a full mopping of approved asphalt at an application rate of 20-35 lbs./sq.
(Optional)



NOA No.: 17-1003.09
 Expiration Date: 04/28/23
 Approval Date: 04/26/18
 Page 7 of 10

Surfacing:

(Required if no cap sheet is used) Any coating, listed below, used as a surfacing, must be listed within a current NOA. Install one of the following:

1. Flood coat of hot asphalt with an application rate of 60 lbs./sq. \pm 20%; plus gravel or slag with an application rate of 400 lbs./sq. & 300 lbs./sq., respectively.
2. A two part coating consisting of a base coat of APOC #300 Non-Fibered Emulsion at rate of 3 gal./sq.; surfaced with 1 gal./sq. APOC#212 Fibered Aluminum Roof Coating.

**Maximum Design
Pressure:**

See fastening requirements above



NOA No.: 17-1003.09
Expiration Date: 04/28/23
Approval Date: 04/26/18
Page 8 of 10

LIGHTWEIGHT INSULATING CONCRETE SYSTEM LIMITATIONS:

1. If mechanical attachment to the structural deck through the lightweight insulating concrete is proposed, a field withdrawal resistance testing shall be performed to determine equivalent or enhanced fastener patterns and density. All testing and fastening design shall be in compliance with Testing Application Standard TAS 105 and Roofing Application Standard RAS 117; calculations shall be signed and sealed by a Florida Registered Engineer, Architect, or Registered Roof Consultant.
2. For steel deck application where specific deck construction is not referenced: The deck shall be a minimum 22 gage attached with 5/8" puddle welds with weld washers at every flute with maximum deck spans of 5 ft. o.c.
3. For systems where specific lightweight insulating concrete is not referenced, the minimum design mix shall be a minimum of 300 psi.



NOA No.: 17-1003.09
Expiration Date: 04/28/23
Approval Date: 04/26/18
Page 9 of 10

GENERAL LIMITATIONS:

1. Fire classification is not part of this acceptance; refer to a current Approved Roofing Materials Directory for fire ratings of this product.
2. Insulation may be installed in multiple layers. The first layer shall be attached in compliance with Product Control Approval guidelines. All other layers shall be adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq., or mechanically attached using the fastening pattern of the top layer
3. All standard panel sizes are acceptable for mechanical attachment. When applied in approved asphalt, panel size shall be 4' x 4' maximum.
4. An overlay and/or recovery board insulation panel is required on all applications over closed cell foam insulations when the base sheet is fully mopped. If no recovery board is used the base sheet shall be applied using spot mopping with approved asphalt, 12" diameter circles, 24" o.c.; or strip mopped 8" ribbons in three rows, one at each side lap and one down the center of the sheet allowing a continuous area of ventilation. Encircling of the strips is not acceptable. A 6" break shall be placed every 12' in each ribbon to allow cross ventilation. Asphalt application of either system shall be at a minimum rate of 12 lbs./sq. **Note: Spot attached systems shall be limited to a maximum design pressure of -45 psf.**
5. Fastener spacing for insulation attachment is based on a Minimum Characteristic Force (F') value of 275 lbf., as tested in compliance with Testing Application Standard TAS 105. If the fastener value, as field-tested, are below 275 lbf. insulation attachment shall not be acceptable.
6. Fastener spacing for mechanical attachment of anchor/base sheet or membrane attachment is based on a minimum fastener resistance value in conjunction with the maximum design value listed within a specific system. Should the fastener resistance be less than that required, as determined by the Building Official, a revised fastener spacing, prepared, signed and sealed by a Florida registered Professional Engineer, Registered Architect, or Registered Roof Consultant may be submitted. Said revised fastener spacing shall utilize the withdrawal resistance value taken from Testing Application Standards TAS 105 and calculations in compliance with Roofing Application Standard RAS 117.
7. Perimeter and corner areas shall comply with the enhanced uplift pressure requirements of these areas. Fastener densities shall be increased for both insulation and base sheet as calculated in compliance with Roofing Application Standard RAS 117. Calculations prepared, signed and sealed by a Florida registered Professional Engineer, Registered Architect, or Registered Roof Consultant
(When this limitation is specifically referred within this NOA, General Limitation #9 will not be applicable.)
8. All attachment and sizing of perimeter nailers, metal profile, and/or flashing termination designs shall conform to Roofing Application Standard RAS 111 and applicable wind load requirements.
9. The maximum designed pressure limitation listed shall be applicable to all roof pressure zones (i.e. field, perimeters, and corners). Neither rational analysis, nor extrapolation shall be permitted for enhanced fastening at enhanced pressure zones (i.e. perimeters, extended corners and corners).
(When this limitation is specifically referred within this NOA, General Limitation #7 will not be applicable.)
10. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 61G20-3 of the Florida Administrative Code.

END OF THIS ACCEPTANCE

NOA No.: 17-1003.09
Expiration Date: 04/28/23
Approval Date: 04/26/18
Page 10 of 10