

**DC ITB-15-087
ADDENDUM # 1**

**DEPARTMENT OF CORRECTIONS
501 South Calhoun Street
Tallahassee, Florida 32399-2500**

BID NO.: DC ITB-15-087

BID TITLE: Lake Correctional Institution Re-roofing of Vocational Building

OPENING DATE/TIME: ~~09/24/15~~ 10/06/15

ADDENDUM NO.: One (1) **DATE:** 09/08/15

PLEASE BE ADVISED THAT THE FOLLOWING CHANGES ARE APPLICABLE TO THE ORIGINAL SPECIFICATIONS OF THE ABOVE-REFERENCED ITB.

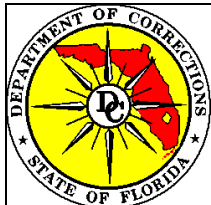
This addendum includes the following:

1. Page 1 is replaced with revised Page 1. Revisions are enclosed and highlighted.
2. Page 4 is replaced with revised Page 4. Revisions are enclosed and highlighted.
3. Attachment VI – Specifications. 70 mil membrane has been changed to 60 mil membrane. Roofing material, 10'X100', weighing 373 lbs. has been changed to 322 lbs. Pages 31,33, and 34 replaced with revised Pages 31,33, and 34.

THIS ADDENDUM NOW BECOMES A PART OF THE ORIGINAL ITB.

Failure to file a protest within the time prescribed in Section 120.57(3), Florida Statutes, or failure to post the bond or other security required by law within the time allowed for filing a bond shall constitute a waiver of proceedings under Chapter 120, Florida Statutes.

ACKNOWLEDGEMENT FORM



**FLORIDA DEPARTMENT OF CORRECTIONS
INVITATION TO BID (ITB)
Acknowledgement Form**

Page <u>1</u> of <u>44</u> pages	Cassandra Anderson, Procurement Officer Department of Corrections Bureau of Support Services 501 South Calhoun Street Tallahassee, FL 32399-2500 E-mail: anderson.cassandra@mail.dc.state.fl.us Fax: (850) 488-7189
AGENCY RELEASE DATE: <u>August 18, 2015</u>	

SOLICITATION TITLE: Lake Correctional Institution Re-roofing of Vocational Building	SOLICITATION NO: DC ITB-15-087
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RESPONSES WILL BE OPENED: September 24, 2015
October 06, 2015 @ 2:00 p.m., E.T.
 and remain valid for 365 days after such date and time.

VENDOR NAME:	_____ *AUTHORIZED SIGNATURE (MANUAL) _____ *AUTHORIZED SIGNATURE (TYPED), TITLE *This individual must have the authority to bind the Bidder.
VENDOR MAILING ADDRESS:	
CITY – STATE – ZIP:	
PHONE NUMBER:	
FREE NUMBER:	
FAX NUMBER:	
EMAIL ADDRESS:	
FEID NO.:	

I certify that this Bid is made without prior understanding, agreement, or connection with any corporation, firm, or person submitting a response for the same services (including equipment and supplies), and is in all respects fair and without collusion or fraud. I agree to abide by all conditions of this Bid and certify that I am authorized to sign this Bid Submittal for the Bidder/Contractor and that the Bid is in compliance with all requirements of the Invitation to Bid, including but not limited to, certification requirements and mandatory attestations. In submitting a Bid to an agency for the State of Florida, the Vendor offers and agrees that if the Bid is accepted, the Vendor will convey, sell, assign or transfer to the State of Florida all rights, title and interest in and to all causes of action it may now or hereafter acquire under the Anti-trust laws of the United States and the State of Florida for price fixing relating to the particular services purchased or acquired by the State of Florida. At the State's discretion, such assignment shall be made and become effective at the time the Department tenders final payment to the Bidder/Contractor.

NO BID SUBMITTED: Please provide reason for "No Bid" in this Space

VENDOR CONTACTS: Please provide the name, title, address, telephone number and e-mail address of the official contact and an alternate, if available. These individuals shall be available to be contacted by telephone regarding the solicitation and any resulting Contract or purchase order.

PRIMARY CONTACT:	SECONDARY CONTACT:
NAME, TITLE:	NAME, TITLE:
ADDRESS:	ADDRESS:
PHONE NUMBER:	PHONE NUMBER:
FAX NUMBER:	FAX NUMBER:
EMAIL ADDRESS:	EMAIL ADDRESS:

TIMELINE
DC ITB-15-087

EVENT	DATE	LOCATION
ITB Released	08/18/15	Vendor Bid System: http://vbs.dms.state.fl.us/vbs/main_menu
Mandatory Pre-bid Conference and Site Visit	09/03/15 09/15/15 @ 10:00 A.M.	Lake Correctional Institution 19225 US Highway 27 Clermont, Florida 34715-9025
Questions Submitted in Writing.	09/10/15 09/22/15 Prior to 5:00 P.M. E.T.	Submit to: Florida Department of Corrections Bureau of Support Services, Cassandra Anderson Email: anderson.cassandra@mail.dc.state.fl.us
Cut Sheets/Specifications of Alternate Materials Due		
Answers to Questions	09/17/15 09/29/15	Vendor Bid System: http://vbs.dms.state.fl.us/vbs/main_menu
Sealed Bids Due and Opened	09/24/15 10/06/15 Prior to 2:00 P.M. E.T.	Florida Department of Corrections Bureau of Support Services, Cassandra Anderson 501 South Calhoun Street, Suite 317 Tallahassee, Florida 32399 E-mail: anderson.cassandra@mail.dc.state.fl.us
Posting of Intent to Award	10/01/15 10/13/15	Vendor Bid System: http://vbs.dms.state.fl.us/vbs/main_menu

Any person requiring special accommodation in responding to this solicitation because of a disability should call the Bureau of Support Services at 850-717-3700, at least five (5) days prior to any pre-solicitation conference, solicitation opening or meeting. If you are hearing or speech impaired, please contact the Bureau of Support Services by using the Florida Relay Service, which can be reached at 1-800-955-8771 (TDD).

ATTACHMENT VI – SPECIFICATIONS

PART 1 GENERAL

1.01 SUMMARY

- A. Section Includes
 - 1. Thermoplastic Polyolefin Single-Ply Roofing Membrane
 - 2. Insulation

1.02 SCOPE – ASSEMBLY 1

- A. Tear off existing gravel surfaced BUR roof down to concrete deck.
- B. Fasten 3" Polyiso Roof Insulation to deck with #14 HD Fasteners and manufacturer Insulation fastening plates.
- C. Weld 70 60 mil membrane to manufacturer insulation fastening plates per GAF® requirements.
- D. Furnish 20 Year Guarantee.
- E. Alternate #1 – install double layer of 1.5" Polyiso Roof Insulation (instead of single layer of 3") and provide a 30 Year Guarantee.
- F. Install system per FBC 5293-R17 assembly S-250 (See Exhibit A).

1.03 SCOPE – ASSEMBLY 2 (Fully Adhered System)

- A. Apply to wood deck.
- B. Adhere 3" EnergyGuard™ Polyiso Roof Insulation (4'x4' boards) to deck with GAF® 2-part roofing adhesive.
- C. Fully adhere EverGuard Extreme® 70 60 mil membrane in TPO Bonding Adhesive.
- D. Furnish 20yr Diamond Pledge™ Guarantee.
- E. Alternate #1 – adhere double layer of 1.5" EnergyGuard™ Polyiso Roof Insulation (instead of single layer of 3") and provide a 30 yr Diamond Pledge™ Guarantee.
- F. Install system per FBC 5293-R17 assembly W-2.

1.04 REFERENCES

- A. Factory Mutual (FM Global) - *Approval Guide*
- B. Underwriters Laboratories (UL) - *Roofing Systems and Materials Guide* (TGFU R1306)
- C. American Society for Testing and Materials (ASTM) - *Annual Book of ASTM Standards*
- D. Sheet Metal and Air Conditioning Contractors National Association, Inc. (SMACNA) - *Architectural Sheet Metal Manual*
- E. National Roofing Contractors Association (NRCA)
- F. American Society of Civil Engineers (ASCE)
- G. U.S. Green Building Council (USGBC)

1.05 DEFINITIONS

- A. Roofing Terminology: Refer to ASTM D1079 and the glossary of the National Roofing Contractors Association (NRCA) *Roofing and Waterproofing Manual* for definitions of roofing terms related to this section.

1.06 SUBMITTALS (After Contract award)

- A. Product Data: Provide product data sheets for each type of product indicated in this section.
- B. Shop Drawings: Provide manufacturers standard details and approved shop drawings for the roof system specified.
- C. Samples: Provide samples of insulations, fasteners, membrane materials and accessories for verification of quality.
- D. Certificates: Installer shall provide written documentation from the manufacturer of their authorization to install the roof system, and eligibility to obtain the warranty specified in this section.

1.12 PROJECT CONDITIONS

A. Weather

1. Proceed with roofing only when existing and forecasted weather conditions permit.
2. Ambient temperatures must be above 45°F (7.2°C) when applying hot asphalt or water based adhesives.

1.13 WARRANTY

- A. Provide Manufacturers Guarantee with single source coverage and no monetary limitation where the manufacturer agrees to repair or replace components in the roofing system, which cause a leak due to a failure in materials or workmanship.
1. Duration: Twenty (20) years from the date of completion.
 2. Alternate #1 Duration: Thirty (30) years from the date of completion.
 - a) Must use a double layer of insulation for 30 year warranty and must be installed by a manufacturer's certified contractor.
- B. TPO Reflectivity Limited Warranty: Manufacturer warrants to the original building owner, that the TPO white roof membrane will meet or exceed the initial and "aged" ENERGY STAR® reflectivity requirements for low slope roofing membranes (65% initial, 50% aged) when installed and maintained in accordance with GAF's requirements. The aged reflectivity shall meet or exceed these requirements when measured after cleaning the membrane in accordance with GAF recommendations.

PART 2 PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

- A. GAF® - **(Basis of Design)**
- B. JOHN MANVILLE
- C. FIRESTONE ROOFING PRODUCTS
- D. For any Manufacturer's products not listed above, the Bidders shall submit cut sheets/specifications by the deadline for questions listed in the timeline. If the product is approved by the Department, the product will be listed in the addendum.

2.02 INSULATION

- A. Rigid polyisocyanurate board, with a strong white or black fibrous glass facer conforming to or exceeding the requirements of ASTM C 1289 / FS HH-I-1972. **EnergyGuard™ Polyiso**, with the following characteristics:
1. Board Thickness: 3"
 2. Thermal Resistance (LTTR value) of: 17.4

2.03 INSULATION - ALTERNATE

- A. Rigid polyisocyanurate board, with a strong white or black fibrous glass facer conforming to or exceeding the requirements of ASTM C 1289 / FS HH-I-1972. **EnergyGuard™ Polyiso**, with the following characteristics:
1. Board Thickness: two layers 1.5"
 2. Thermal Resistance (LTTR value) of: 17.2

2.04 MEMBRANE MATERIALS

- A. A smooth type, polyester scrim reinforced thermoplastic polyolefin membrane with a nominal ~~0.070~~ **0.060 inch 70 (60 mil)** thickness, for use as a single ply roofing membrane. Engineered to provide high solar reflectivity and extremely high UV and thermal resistance. These combined characteristics produce a single-ply membrane suitable for the most demanding solar installations as well as any other high heat or solar loading applications. Meets or exceeds the minimum requirements of ASTM D-6878. UL Listed and FM Approved. Each full roll contains approximately 1000 sq. ft. of roofing

material, 10' X 100', weighing 373 **322 lbs.** **EverGuard Extreme® TPO 70 60 mil** thermoplastic single-ply roofing membrane by GAF.

2.05 FLASHING MATERIALS

- A. A smooth type, polyester scrim reinforced thermoplastic polyolefin membrane with a nominal ~~0.070~~ **0.060 inch (70-60 mil)** thickness, for use as a single ply roofing membrane. Engineered to provide high solar reflectivity and extremely high UV and thermal resistance. These combined characteristics produce a single-ply membrane suitable for the most demanding solar installations as well as any other high heat or solar loading applications. Meets or exceeds the minimum requirements of ASTM D-6878. UL Listed and FM Approved. Each full roll contains approximately 1000 sq. ft. of roofing material, 10' X 100', weighing 373 **322 lbs.** **EverGuard Extreme® TPO 70 60 mil** thermoplastic single-ply roofing membrane by GAF.

2.06 ADHESIVES, SEALANTS and PRIMERS

- A. Solvent-based Bonding Adhesive: Solvent based rubberized adhesive for use with EverGuard TPO membranes, **EverGuard® 1121 Bonding Adhesive**, by GAF.
- B. Solvent based liquid, required to protect field cut edges of EverGuard TPO membranes. Applied directly from a squeeze bottle, **EverGuard® TPO Cut Edge Sealant**, by GAF.
- C. Solvent based primer for preparing surfaces to receive butyl based adhesive tapes, **EverGuard® Primer**, by GAF.
- D. Solvent based seam cleaner used to clean exposed or contaminated seam prior to heat welding, **EverGuard® TPO Seam Cleaner, by GAF.**
- E. Solvent based, trowel grade synthetic elastomeric sealant. Durable and UV resistant suitable for use where caulk is typically used. Available in 10 oz. tubes, **FlexSeal™ Caulk Grade** by GAF.
- F. Commercial grade roofing sealant suitable for sealing the upper lip of exposed termination bars and penetrations and around clamping rings and comes with a 20 yr ltd warranty against leaks caused by manufacturing defects. Meets the performance criteria of ASTM D412, ASTM D2196, ASTM D1475 and ASTM D1644, **FlexSeal™ Roof Sealant**, by GAF.
- G. One part butyl based high viscosity sealant suitable for sealing between flashing membrane and substrate surface behind exposed termination bars and for sealing between roofing membrane and drain flange. **EverGuard® Water Block**, by GAF.
- H. 100% solids epoxy based two-part sealant suitable for filling sealant pans at irregularly-shaped penetrations. Epoxy is part A. Polyamide is part B. **EverGuard® 2-Part Pourable Sealant**, by GAF.
- I. **GAF® 2 Part Roofing Adhesive**

2.07 ACCESSORIES

- A. Mechanical Fasteners
1. **Drill•Tec™ HD Screws**: Heavy gauge alloy steel fastener with CR-10 coating with a .245" diameter thread. Miami Dade and Factory Mutual Standard 4470 Approved, #3 Phillips truss head for use on wood, concrete and steel decks.
 2. **Drill•Tec™ RhinoBond® Insulation Plates**: Galvalume, 3" (7.6 cm) diameter, specially coated for use in RhinoBond® attachment systems.
- B. FLASHING ACCESSORIES
1. A smooth type, unreinforced thermoplastic polyolefin based membrane for use as an alternative flashing/reinforcing material for penetrations and corners. Required whenever preformed vent boots cannot be used, available in White 0.055 inches (55 mils) nominal thickness and sheet size: 24in x 50ft. **EverGuard® TPO Detailing Membrane**, by GAF.