

## ADDENDUM NO. 2

TO: PLANS AND SPECIFICATIONS FOR STATE OF MISSOURI

Replace Roofs, Multiple Buildings  
Boonville Correctional Center  
Boonville, Missouri  
PROJECT NO.: C1807-01

Bid Opening Date: 1:30 PM, Thursday, September 20, 2018 (UNCHANGED)

Bidders are hereby informed that the Construction Plans and/or Specifications for the above referenced project are modified as follows:

### SPECIFICATION CHANGES

1. SECTION 028213 – ASBESTOS ABATEMENT
  - a. Part 1.1.C Project / Work Identification, Scope of Work  
REVISE Bullet No. 10 as follows: “Abate 11,984 SF of corrugated roofing panel (bottom layer) on the Gymnasium Building 13 / Pitched Roof”
2. SECTION 073113 – ASPHALT SHINGLES
  - a. Paragraph 2.1.A.1 GLASS-FIBER-REINFORCED ASPHALT SHINGLES, ADD as follows:
    - f. Malarkey Roofing Products, Inc.
3. SECTION 075423 – THERMOPLASTIC POLYOLEFIN (TPO) ROOFING

Paragraph 1.2 PERFORMANCE REQUIREMENTS, ADD 1.2

  - B. General Performance: Installed membrane roofing and base flashings shall withstand specified uplift pressures, thermally-induced movement, and exposure to weather without failure due to defective manufacture, fabrication, installation, or other defects in construction. Membrane roofing and base flashings shall remain watertight.
  - C. Material Compatibility: Provide roofing materials that are compatible with one another under conditions of service and application required, as demonstrated by membrane roofing manufacturer based on testing and field experience.
  - D. Roofing System Design: Provide membrane roofing system that is identical to systems that have been successfully tested by a qualified testing and inspection agency to resist uplift pressure calculated according to ASCE/SEI 7.
  - E. FM Classification: Provide membrane roofing, base flashings and component materials that comply with the requirements of FM Class 1A-90.
4. SECTION 075423 – THERMOPLASTIC POLYOLEFIN (TPO) ROOFING

Paragraph 1.7 WARRANTY, REVISE Paragraph 1.7 as follows:

  - B. ROOFING INSTALLER’S WARRANTY FORM (FMDC)
    - A. WHEREAS <NAME> of <ADDRESS>, herein called the “Roofing Installer”, has

performed roofing and associated work (“work”) on the following project:

1. Owner
2. Address
3. Building Name/Type
4. Address
5. Area of Work
6. Acceptance Date
7. Warranty Period
8. Expiration Date

B. AND WHEREAS Roofing Installer has contracted (either directly with Owner or indirectly as a subcontractor) to warrant said work against leaks, and faulty or defective materials and workmanship for designated Warranty Period.

C. AND NOW THEREFORE Roofing Installer hereby warrants, subject to terms and conditions herein set forth, that during Warranty Period he will, at his own cost and expense, make or cause to be made such repairs to or replacements of said work as are necessary to correct faulty and defective work and as are necessary to maintain said work in a weathertight condition.

D. This Warranty is made subject to the following terms and conditions:

1. Specifically excluded from this Warranty are damages to work and other parts of the building, and to building contents, caused by:
  - a. Lightning
  - b. Peak gust wind speed exceeding 72 mph
  - c. Fire
  - d. Failure of roofing system substrate, including cracking, settlement, excessive deflection, deterioration, and decomposition.
  - e. Faulty construction of parapet walls, copings, chimneys, skylights, vents, equipment supports, and other edge conditions and penetrations of the work.
  - f. Vapor condensation on bottom of roofing, and
  - g. Activity on roofing by others, including construction contractors, maintenance personnel, other persons, and animals, whether authorized or unauthorized by Owner. When work has been damaged by any of foregoing causes, Warranty shall be null and void until such damage has been repaired by Roofing Installer and until cost and expense thereof has been paid by Owner or by another responsible party so designated.
2. The Roofing Installer is responsible for damage to work covered by this Warranty.
3. During Warranty Period, if Owner allows alteration to work by anyone other than Roofing Installer, including cutting, patching, and maintenance in connection with penetrations, attachment of other work, and positioning of anything on roof, this Warranty shall become null and void on date of said alterations, but only to the extent said alterations affect work covered by this Warranty. If Owner engages Roofing Installer to perform said alterations, Warranty shall not become null and void, unless Roofing Installer, before starting said work, shall have notified Owner in writing, showing reasonable cause for claim, that said alterations would likely damage or deteriorate work, thereby reasonably justifying a limitation or termination of this Warranty.
4. The Owner shall promptly notify Roofing Installer of observed, known, or suspected leaks, defects, or deterioration and shall afford reasonable opportunity for Roofing Installer to inspect the work and to examine evidence of such leaks, defects, or

deterioration.

5. This Warranty is recognized to be the installation warranty of Roofing Installer on said work and shall not operate to restrict or cut off Owner from other remedies and resources lawfully available to Owner in cases of roofing failure. Specifically, this Warranty shall not operate to relieve Roofing Installer of responsibility for performance of original work according to requirements of the Contract Documents and to coordinate the Manufacturer's Warranty, regardless of whether Contract was a contract directly with Owner or a subcontract with Owner's General Contractor.

E. IN WITNESS THEREOF, this instrument has been duly executed this <DAY> day of <MONTH>, 20<YEAR>.

1. Authorized Signature
2. Name
3. Title

5. SECTION 075423 – THERMOPLASTIC POLYOLEFIN (TPO) ROOFING

- a. Paragraph 2.1.A.1 TPO Membrane Roofing, ADD as follows:
  - d. GAF
  - e. Johns Manville

6. SECTION 075423 – THERMOPLASTIC POLYOLEFIN (TPO) ROOFING

- a. Paragraph 2.3 Roof Insulation, REVISE as follows:
  - A. ASTM C 1289, Type II, Class 1, Grade 2 (20 psi) with coated glass facers on both major surfaces.”
- b. Paragraph 2.3 Roof Insulation, ADD as follows:
  - D. Minimum Insulation Value: R-30 (average).

7. SECTION 075423 – THERMOPLASTIC POLYOLEFIN (TPO) ROOFING

- a. Paragraph 2.4 Insulation Accessories, ADD as follows:
  - D. Insulation Stops and Nailers: Install insulation stops and nailers in accordance with the insulation manufacturer's written instructions as required to comply with the performance requirements referenced in Subsection 1.2 Performance Requirements.

**DRAWING CHANGES**

1. Sheet AD-100
  - a. REPLACE with the Revised Drawing AD-100 FOOD SERVICE 12 – ROOF DEMOLITION PLAN (attached)
2. Sheet AD-101
  - a. REPLACE with Revised Drawing AD-101 GYM BUILDING 13 – ROOF DEMOLITION PLAN (attached)
3. Sheet AD-104
  - a. Refer to Revised Drawing A-104 HOUSING UNIT 28 – ROOF REPLACEMENT PLAN (ALT #1) for the location of new roof scupper
4. Sheet A-100
  - a. REPLACE with the Revised Drawing A-100 FOOD SERVICE 12 – ROOF

REPLACEMENT PLAN (attached)

5. Sheet A-101
  - a. REPLACE with the Revised Drawing A-101 GYM BUILDING 13 – ROOF REPLACEMENT PLAN (attached)
6. Sheet A-102
  - a. REPLACE with the Revised Drawing A-102 MULTI-PURPOSE BUILDING 15 – ROOF REPLACEMENT PLAN (attached).
7. Sheet A-103
  - a. Detail 1/A-103 Roof Replacement Plan:
    1. ADD section detail 14/A-504 depicting the condition at the flat roof-to-sloped roof transition. Refer to Revised Drawing A-504 HOUSING UNIT 5 - DETAILS
8. Sheet A-104
  - a. REPLACE with the Revised Drawing A-104 HOUSING UNIT 28 – ROOF REPLACEMENT PLAN (attached)
9. Sheet A-500
  - a. REPLACE with the Revised Drawing A-500 FOOD SERVICE 12 – DETAILS (attached)
10. Sheet A-501
  - a. REPLACE with the Revised Drawing A-501 FOOD SERVICE 12 – DETAILS (attached)
11. Sheet A-502
  - a. REPLACE with Revised Drawing A-502 GYM BUILDING 13 – DETAILS (attached)
12. Sheet A-503
  - a. REPLACE with the Revised Drawing A-503 MULTI-PURPOSE BUILDING 15 – DETAILS (attached)
13. Sheet A-504
  - a. REPLACE with the Revised Drawing A-504 HOUSING UNIT 5 – DETAILS (attached)

**ATTACHMENTS:**

1. Revised Drawing AD-100 FOOD SERVICE 12 – ROOF DEMOLITION PLAN
2. Revised Drawing AD-101 GYM BUILDING 13 – ROOF DEMOLITION PLAN
3. Revised Drawing A-100 FOOD SERVICE 12 – ROOF REPLACEMENT PLAN
4. Revised Drawing A-101 GYM BUILDING 13 – ROOF REPLACEMENT PLAN
5. Revised Drawing A-102 MULTI-PURPOSE BUILDING 15 – ROOF REPLACEMENT PLAN
6. Revised Drawing A-104 HOUSING UNIT 28 – ROOF REPLACEMENT PLAN (ALT #1)
7. Revised Drawing A-500 FOOD SERVICE 12 - DETAILS
8. Revised Drawing A-501 FOOD SERVICE 12 - DETAILS
9. Revised Drawing A-502 GYM BUILDING 13 - DETAILS
10. Revised Drawing A-503 MULTI-PURPOSE BUILDILNG 15 - DETAILS
11. Revised Drawing A-504 HOUSING UNIT 5 – DETAILS

September 12, 2018

**END ADDENDUM NO. 2**