ADDENDUM NO 1

Dated: 10/03/17

Project Name: Clarinda Storm Damage Repairs 2017 Project

DAS#8942.00

RFQ#0218335008

This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents as noted below. This Addendum takes precedence over any previously issued Bidding Documents. The Bidder shall acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification. The Bidder has the singular responsibility to make this Addendum available to all sub-bidders.

Questions:

1. Who is responsible for doing wood blocking for the gutter edge? I was told that the wood blocking is to be done by others. A> Bid Package #01 includes construction of all blocking/nailers, plywood, and trim boards. See 01 1200 Contract Summary for more information.
2. Does the metal decking portion of the project require a structural license? A> No.

Clarifications:

1. None noted

Substitutions:

1. Substitution Request 1 – Johns Mansville EPDM - Approved

Attachments:

1. Substitution Request 1 – Johns Mansville (5 pages)

End of Addendum

SHIVEHATTERY
ARCHITECTURE + ENGINEERING

Transmittal

PROJECT:	IA DAS Clarinda MHI Storm Damage Repairs
DATE:	10/3/2017
SUBJECT:	Substitution Request 1
VIA:	Email
PURPOSE:	For your approval

TO:	COMPANY / ADDRESS	PHONE
Jerry Dehnke jdehnke@samuelsgroup.net	Samuels Group 317 6th Avenue, Suite 720 Des Moines, IA 50309	(515) 288-0467

FROM:	COMPANY / ADDRESS	PHONE
Carly Welch cwelch@shive-hattery.com	Shive-Hattery, Inc. 4125 Westown Parkway Suite 100 West Des Moines, IA 50266-598	515.223.8104x4392

REMARKS:

Good morning,

Attached is the approved substitution request 1. Please contact me with any questions.

Thank you,

DESCRIPTION OF CONTENTS

QTY	DATED	TITLE	NOTES
1	10/3/2017	Clarinda Storm Damage_Sub Request 1_APPROVED.pdf	

COPIES:

Kevin Long	Shive-Hattery, Inc.
Troy Ozbun	Shive-Hattery, Inc.

SUBSTITUTION REQUEST FORM

Project: IA DAS CCF MHI Storm Damage

Substitution Request Number: 1

To: Randall Stapp

From: 10 Men LLC

Date: 10/2/17

A/E Project Number:

Re:

Specification Title: Elastomeric Membrane Roofing

Description: EPDM

Section: 7 5310 Page: 5

Article/Paragraph: 2.2

Proposed Substitution: Johns Manville EPDM

Manufacturer: Johns Manville Address: 717 17th st. Denver CO 80202 Phone: 1-800-922-5922

Trade Name: Roofing EPDM

Model No.:

History: ☐ New product ☐ 2-5 years old ☐ 5-10 yrs old ☒ More than 10 years old

Differences between proposed substitution and specified product:

☐ Point-by-point comparative data prepared by contractor and attached - REQUIRED BY A/E

Reason for not providing specified item:

Similar Installation:

Project: Architect:

Address: Owner:

Date Installed:

Proposed substitution affects other parts of Work: ☐ No ☐ Yes; explain

Supporting Data Attached: ☐ Drawings ☒ Product Data ☐ Samples ☐ Tests ☐ Reports ☐

SUBSTITUTION REQUEST FORM

(Continued)

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Cost data as stated above is complete. Claims for additional costs related to accepted substitution which may subsequently become apparent are to be waived.
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.
- Coordination, installation, and changes in the Work as necessary for accepted substitution will be complete in all respects.

Submitted by: Joe Grout

Signed by: Joe Grout

Firm: 10 Men LLC

Address: 7722 587th St.
Omaha NE 68124

Telephone: 402-991-0048

Attachments: Product Data sheet

A/E's REVIEW AND ACTION

☒ Substitution approved - Make submittals in accordance with Specification Section 01 3300.
☐ Substitution approved as noted - Make submittals in accordance with Specification Section 01 3300.
☐ Substitution rejected - Use specified materials.
☐ Substitution Request received too late - Use specified materials.

Signed by: Troy Ozbun Date: 10/3/2017

Additional Comments: ☐ Contractor ☐ Subcontractor ☐ Supplier ☐ Manufacturer ☐ A/E ☐ _____

JM EPDM NR 60 mil

Ethylene Propylene Diene Monomer Membrane

Meets the requirements of ASTM D 4637, Type I

Features and Components

Membrane: Nonreinforced, cured EPDM (ethylene propylene diene monomer).

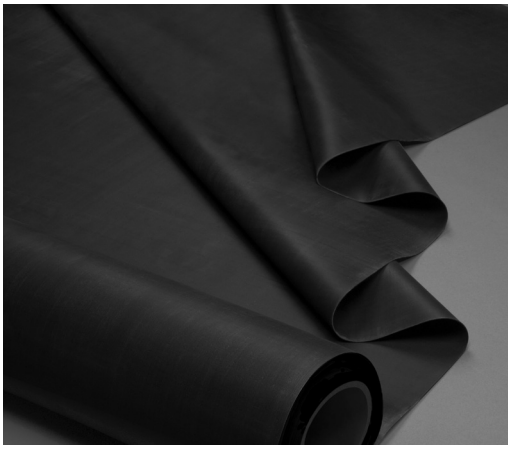
Fully Extruded: Produces fewer air voids, more uniform thickness and smoother sheets.

Vulcanization Process: Combines two layers of membrane to produce a fully cross-linked monolithic membrane.

Membrane Formulation: Performs in extreme temperature climates and withstands differential movement (elongation).

UV-Stabilization Properties: Offers outstanding ozone and weather resistance delivering one of the longest service lives available.

Technical Expertise: Backed by 30+ years of EPDM experience and installations.



Component
M
Membrane
Single Ply

Color

Black

System Compatibility

This product may be used as a component in the following systems. Please reference product application for specific installation methods and information.

Multi-Ply	BUR		APP		SBS			
	HA	CA	CA	HW	HA	CA	HW	SA
	Do not use with Multi-Ply systems							

Single Ply	TPO		PVC		EPDM		
	MF	FA	MF	FA	MF	FA	BA
	Compatible with the selected Single Ply systems above						

Key: **HA** = Hot Applied **CA** = Cold Applied **HW** = Heat Weldable **SA** = Self Adhered **MF** = Mechanically Fastened **FA** = Fully Adhered **BA** = Ballasted

Energy and the Environment

Property	Value
Reflectivity* (ASTM C 1549)	0.06
Emissivity* (ASTM C 1371)	0.88
Post-consumer Recycled Content	0%
Pre-Consumer Recycled Content	0%

*Test methods for reflectivity and emissivity are LEED®- and CRRC®-approved.

Peak Advantage® Guarantee Information

Enhanced guarantees are now available on certain systems for wind and puncture. Consult your local sales representative for more information and for specific guarantee terms and costs.

Product	Guarantee Term
When used in most JM EPDM Systems*	Up to 20 years

*Contact JM Technical Services for specific systems.

Codes and Approvals

CLASSIFIED UL C US

FM APPROVED

Installation/Application

Ballasted

Fully Adhered

Refer to JM EPDM Application Guides and Detail Drawings for instructions.

Packaging and Dimensions

Roll Size	Roll Coverage
10' x 50' (3.05 m x 15.24 m)	500 ft² (46.5 m²)
10' x 100' (3.05 m x 30.48 m)	1000 ft² (92.9 m²)
16' 8" x 100' (5.08 m x 30.48 m)	1667 ft² (154.8 m²)
20' x 50' (6.1 m x 15.24 m)	1000 ft² (92.9 m²)
20' x 100' (6.1 m x 30.48 m)	2000 ft² (185.8 m²)
30' x 100' (9.14 m x 30.48 m)	3000 ft² (278.7 m²)
40' x 100' (12.19 m x 30.48 m)	4000 ft² (371.9 m²)
Extruded in:	Milan, OH

Refer to the Safety Data Sheet and product label prior to using this product. The Safety Data Sheet is available by calling (800) 922-5922 or on the Web at www.jm.com/roofing.

JM EPDM NR 60 mil

Ethylene Propylene Diene Monomer Membrane

Meets the requirements of ASTM D 4637, Type I

Tested Physical Properties

Physical Properties		ASTM Test Method	Standard for ASTM D 4637, Type I	JM EPDM – NR 60 mil
Strength	Tensile Strength (psi)	D 412	> = 1305	1456
	Elongation, Ultimate (%)	D 412	> = 300	411
	Tensile Set (%)	D 412	< = 10	0.5
	Tear Resistance (lbf/in.)	D 624	> = 150	181
	Dynamic Puncture Resistance, 5J, Type I	D 5635	pass	pass
	Static Puncture Resistance, 44.1 lbf, Type I	D 5602	pass	pass
Longevity	Overall Sheet Thickness (in.)	D 751	+/- 10%	pass
	Brittleness Point (°F)	D 2137	< = -49	pass
	Ozone Resistance	D 1149	pass	pass
	Water Absorption (mass %)	D 471	< = 8	0.3
Heat Aged Performance	Heat Aged 670 hrs @ 240°F	D 573		
	Tensile Strength (psi)	D 412	> = 1205	1450
	Elongation, Ultimate (%)	D 412	> = 200	403
	Tear Resistance (lbf/in.)	D 624	> = 125	170
	Linear Dimensional Change (%)	D 1204	< +/- 1	0.4
Weathering Performance	Weathering Resistance, 5040 KJ/(m2-nm) @ 340 nm	D 4637 / G 151 / G 155		
	Visual Inspection	–	pass	pass
	Elongation, Ultimate (%)	D 412	> = 200	351

Refer to the Safety Data Sheet and product label prior to using this product. The Safety Data Sheet is available by calling (800) 922-5922 or on the Web at www.jm.com/roofing.