

Addendum No. 2

Project Name:	Roof Repair & Coating Public Works Buildings B-F	Project No.:	BFC-0154
Meeting Location:	Public Works Administrative Building 1500 Beatty Street Greenville, NC	Meeting Date:	Thursday, January 7, 2016 @ 10:00 Am
Prepared By:	Mike Watson	Date:	January 14, 2016

ATTENDEES:

Name	Company	Phone No.	E-mail Address
Mike Watson	City of Greenville	252-329-4921	mwatson@greenvillenc.gov
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Matt Saieed	Baker Roofing	252-414-3497	msaieed@bakerroofing.com
Robert Hinteregger	Energy One America	843-689-3626	robert@energyoneamerica.com
	GMG Roofing	336-250-7360	
	DLT Roofing	919-284-5800	dltroofing@yahoo.com
Jimmy Ramirez	Roofwerks	919-673-0814	jimmy@roofwerks.com
Barry Byrd	Etheridge Roofing	919-278-6084	barryb@etheridgeroofing.com
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Chuck Hester	Truline Roofing	704-366-4742	chester@trulinerroofing.com
Jason Tetterton	Curtis Construction	252-523-1078	jason@curtiscc.com
Hunter Steed	Wayne Roofing & Sheet Metal	919-734-5475	hlswayneroofing@yahoo.com
	Abel Roofing	704-888-4000	ablexterior@bellsouth.net
Charles Curtis	Curtis & Curtis Construction	252-523-0295	charles@curtisandcurtis.net
Jake Bowman	Muter Construction	919-404-8330	jbowman@muterconstruction.com
Brad Shaltz	Triangle Roofing Services	919-269-8882	brad@triangleroof.com
Gudell Ward	IMEC Group LLC	252-339-0902	gward@imecgroupllc.com
Rob Banks	Garland Company Inc	919-605-5224	rbanks@garlandind.com
Matt Dodson	Garland Company Inc	919-428-0261	mdodson@garlandind.com

Site Visit on January 7, 2016

1. A site visit was conducted immediately after the Pre-bid meeting was completed.
2. Access to the roofs for each building for a visual inspection, measurements and discussion of work to be completed was held.

Clarifications & Requirements

1. Page 3, Section 1.1, Base Bid Roof Work; delete the last statement, "See page 12 of Exhibit "B" for warranty information."
2. Page 3, Section 1.1, delete the sealing of the skylights for Building B under the Scope of Work. The skylights have already been removed and covered up. Include covering with roof coating material.
3. Roofing products and manufacturers for substitutions shall meet the design criteria of the Garland Company, Inc. and shall meet or exceed all specification requirements listed on Page 11, Section 2.1; Page 14, Section 3.7 and included in Addenda #2.
4. Capture of the waste water from pressure washing the roofs is not required as long as no cleaning agents are used. A sock filter shall be used around any storm water drains to catch any sediment that may come from the roof. If any cleaning agents are to be used, then see attachment Exhibit "D" for information on the capture and removal of any contaminated waste water that may occur from the pressure washing of the roofs.
5. For the work to be done to coat the roof under Alternate #1, a moisture scan will not be required.
6. The tree that overhangs the roof on Building F will be trimmed by the City of Greenville prior to the work starting.
7. Replace all existing rooftop flashing boots on included roof sections with Rubbertite Flashing Boot per specification section 2.3 Edge Treatment and Roof Penetration Flashings A on page 11.
8. For single ply roof section Alternate #1 PW Administration Building, utilize the following scope which is an extension to specification section 3.3 Installation B. 4. A. on page 13. Specification Section 3.7 Field Quality Control on page 14 is required.
 - a. Application of Reinforcement with White-Knight/Stallion or White-Knight WC on field seams, flashings and around penetrations:
 1. Verify that the surface to be coated is properly prepared.
 2. Restore the surface to a suitable condition if roof surface becomes contaminated with dirt, dust or other materials that will interfere with adhesion of the coatings.
 3. Apply materials at specified dry film thickness.
 4. Apply reinforcement to field seams and penetrations as required.
 5. After positioning reinforcement to roll out, apply White-Knight/Stallion or White-Knight WC about 8 inches wide to surface where reinforcement ply is to be applied at 1.5 gallons per 100 SF.
 6. Do not apply White-Knight/Stallion or White-Knight WC too far ahead of fabric so coating does not dry before fabric can be embedded.
 7. Immediately roll a 6 inch width of reinforcement into wet coating.
 8. Use care to lay the fabric tight to the roof surface without air pockets, wrinkles, fishmouths, etc.

9. After embedding reinforcement into the White-Knight/ Stallion or White-Knight WC apply additional coating to completely saturate the fabric at 1.0 gallons per 100 SF.
 10. Apply saturation coat as soon as possible after embedding reinforcement into the coating.
 11. Keep the application saturated with White-Knight/ Stallion or White-Knight WC to prevent plucking or snagging of reinforcement.
 12. Allow to dry for a minimum of 24 hours before applying finish coats.
- b. Coating: Application of White-Knight/ Stallion, White-Knight WC or White-Knight Plus/ Stallion Plus, White-Knight Plus WC finish coats.
1. Apply White-Knight/ Stallion or White-Knight Plus/ Stallion Plus in a uniform manner.
 2. Use special attention to coating flashings and other critical areas to build adequate membrane thickness.
 3. Use multiple coats on verticals to prevent sagging.
 4. Apply at 2.0 gallons per 100 SF over the entire roof surface.
- c. Addition of single ply restoration products to specification 3.10 Schedules page 15 below:
- C. Coatings:
1. Coating: White-Knight/ White-Stallion: Multi-purpose: high build, urethane, liquid waterproofing membrane having the following characteristics:
 - a. Elongation (ASTM D 412) 325%
 - b. Tensile Strength (ASTM D 412) 1400-1600 psi (with Ulti-Mat reinforcement)
 - c. Tear Resistance (ASTM D 624) 230 lbs/in.
 - d. Energy Star Approved: Yes
 - e. Flash Point: 120 degrees F
 - f. Non-Volatile, ASTM D 75, 83%
 - g. Solar Reflective Index, ASTM E 1980, 100
- D. Reinforcement/Base Coat
1. Grip Polyester Soft: Strong, elastic polyester reinforcing fabric.
- E. Flashings
1. Flashings: White-Knight/ White-Stallion: Multi-purpose, high build, urethane, liquid waterproofing membrane having the following characteristics:
 - a. Elongation (ASTM D 412) 325%
 - b. Tensile Strength (ASTM D 412) 1400-1600 psi (with Ulti-Mat reinforcement)
 - c. Tear Resistance (ASTM D 624) 230 lbs/in.

- d. Energy Star Approved: Yes
- e. Flash Point: 120 degrees F
- f. Non-Volatile, ASTM D 75, 83%
- g. Solar Reflective Index, ASTM E 1980, 100

Bids are due Friday, January 22, 2016 at the Public Works Building, 1500 Beatty Street, Greenville, NC. Bids will be accepted up to 2:00 P.M. Bids will be opened and read aloud and a bid tabulation sheet will be available upon request once the contract is awarded to the successful bidder. *Note: Mailed proposals will be accepted up to the 2:00 P.M. deadline. All proposals received in the mail will be stamped with the date and time or receipt.*

Attachments:

1. Exhibit "D"
2. Revised Bid Form

Waste Disposal / Wash Water Information

1. City of Greenville requires 100% recovery and waste disposal of any waste or waste water generated from the cleaning of the roof surfaces with solvents or cleaning agents.
2. No release of any water or waste water from the process is allowed into any sanitary or storm water drain.
3. Water and/or waste water shall be contained with filtering booms so to collect oils, grease and debris
4. The successful bidder is responsible for any and all fees associated with the waste disposal and must provide documentation that all waste was disposed of properly off site.

**CITY OF GREENVILLE
PUBLIC WORKS DEPARTMENT
REQUEST FOR BIDS**

In compliance with the request for bids by the City of Greenville and subject to all conditions and specifications thereof, the undersigned offers and agrees to furnish all equipment, labor and work site clean-up as provided in the above mentioned specifications.

Base Bid:		
ROOF REPAIR & COATINGS – PUBLIC WORKS BUILDINGS B-F		
<u>Building</u>	<u>Division</u>	<u>Line Item Bid Amount</u>
B	Fleet Maintenance	
C	Grounds Management	
D	Street Maintenance	
E	Traffic Services	
F	Sanitation Services	
Total Bid		

Alternate #1:		
A	PW Administration Building	

Manufacturer Quoted: _____ **Addenda Received:** _____

Company Name: _____ **Date:** _____

Signed: _____ **Print Name:** _____