

WORCESTER HOUSING AUTHORITY
Worcester Housing Authority (WHA)
81 Tacoma Street
Worcester, MA 01605

ADDENDUM NO. TWO
PLANS AND SPECIFICATIONS FOR:
Roof Replacement MA 12-15 1050 Webster Square (Tower East)
WHA Job No. 2017-29

In accordance with documents prepared by: Garofalo Design Associates, Inc. 384 Lowell Street, Unit 105 A&B, Wakefield, MA 01880

TO: ALL PLANHOLDERS – BIDDERS – PROPOSERS – CONTRACTORS:

Bidders are hereby informed that Plans and Specifications for the above-mentioned development are modified, corrected and/or supplemented as follows, and that Addendum No.: 2 becomes a part of the Contract Documents and consists of ITEMS NUMBERED ONE THROUGH THREE:

This Addendum No. 2 forms a part of the Contract Documents and as such, all bidders should acknowledge it in Paragraph B on the Form for General Bid. Failure to do so could result in the rejection of your bid.

QUESTIONS AND ANSWERS:

1. QUESTION:

“Please define the set up area? There will need to be enough room for crane dumpsters and materials to complete project.”

ANSWER

The Authority will provide a designated staging area to the Contractor within the building premises.

2. QUESTION:

“Please identify what exactly on the roof contains PCB’s? Please state quantity for bidding purposes.”

ANSWER

Refer to Section 013543 Environmental Procedures paragraph 1.02, C but not limited to.

3. QUESTION:

“Please identify what exactly contains lead based paint? Quantify for bidding purposes.”

ANSWER

Refer to Section 013543 Environmental Procedures paragraph 1.02, B but not limited to.

4. QUESTION:

“Please explain if the 4 phone companies are going to relocate equipment or remove equipment? This answer will impact our labor substantially”

ANSWER

Refer to Section 011100 Summary of Work paragraph 1.02, B, #17, 18 & 19 but not limited.

5. QUESTION:

“Can we get the location of asbestos test cut 24 and test cut 28 also located on roof plan?”

ANSWER

Refer to Section 013543 Environmental Procedures paragraph 1.02, A, #6 but not limited to.

6. QUESTION:

“Addendum #1 page 3 is a roof plan with the roofing test cuts (# R.T.) located. Only 3 of the 10 test cuts test positive for asbestos: # R.T. #7 atop penthouse A; # R.T. #6 main roof below penthouse A; and # R.T. #3 main roof east wing.

- This does not make any sense. Why do only 3 of 10 test cuts test positive for asbestos. If asbestos containing felts were used for the vapor barrier all 10 test cuts would test positive for asbestos. Perhaps the vapor barrier was repaired in these locations using asbestos containing felts and/or asbestos containing roof cement. “

ANSWER

Refer to Section 013543 Environmental Procedures paragraph 1.02, A, #6 but not limited to.

7. QUESTION:

“Asbestos Test Sample #29 shows that Steel Exhaust Pipe insulation contains 25% Chrysolite asbestos

- There is only one (1) exhaust pipe called out on drawings that could contain asbestos: The Boiler Exhaust”

“Question: How do we gain access to abate this insulation?

- Is there a door to the space thru which the exhaust passes ?
- If not what is the wall type that has to be removed to access the exhaust?”

ANSWER

It is assumed that access to existing ACM insulation is from roof top.

8. QUESTION:

“The spec and drawings call for the removal of the vapor barrier. The vapor barrier has tested positive for asbestos so it is important to know whether or not the vapor barrier can be removed. Greenwood industries revisited the roof today. As part of our thorough investigation of the existing conditions that might affect our bid, we cut open the roof to determine if the vapor barrier could be removed. The vapor barrier is stuck down to the concrete deck and will not come up. Please confirm via addendum that the existing 2 ply vapor barrier that is firmly attached can remain in place as long as any loose vapor barrier is removed. “

ANSWER

Roof test cut performed by the Contractor was NOT authorized and/or supervised by the Authority, therefore roof test cut is considered unofficial. No changes to the Contract Documents are required.

REVISION TO SPECIFICATIONS:

ITEM NO. 1: INVITATION FOR BID

DELETE:

General Bids will be received until **11:00 a.m.** on **Wednesday February 20, 2019** at the Worcester Housing Authority, Department of Modernization, 81 Tacoma Street, Worcester, MA 01605 at which time and place all bids will be publicly opened and read aloud.

INSERT:

General Bids will be received until **3:00 p.m.** on **Wednesday February 20, 2019** at the Worcester Housing Authority, Department of Modernization, 81 Tacoma Street, Worcester, MA 01605 at which time and place all bids will be publicly opened and read aloud.

ITEM NO. 2: SECTION 075216 MODIFIED BITUMINOUS MEMBRANE ROOFING

DELETE:

- A. COOL ROOF RATING COUNCIL (CRRC):
 - 1. The cap sheet shall be granule-surfaced (SG bright white granule-surfaced cap sheet is basis of design). Cap sheet shall be listed by the Cool Roof Rating Council (CRRC) with the following minimum published values, including CRRC 3-year Rapid Ratings:
 - a. Solar Reflectance: Initial: 0.67 3-year: 0.56
 - b. Thermal Emittance: Initial: 0.91 3-year: 0.91
 - c. Solar Reflectance Index (SRI): Initial: 82 3-year: 67

- B. ENERGY-STAR RATING:
 - 1. The cap sheet shall be surfaced with highly reflective, factory-applied, tri-laminate film surfacing. (SOPRASTAR cap sheet is basis of design). Cap sheet shall be listed by the Cool Roof Rating Council (CRRC). Cap sheet shall meet the approval requirements of the US EPA EnergyStar Program:
 - a. Solar Reflectance: Initial: 0.74 3-year: 0.72
 - b. Thermal Emittance: Initial: 0.73 3-year: 0.73
 - c. Solar Reflectance Index (SRI): Initial: 88 3-year: 85

ITEM NO. 3: SECTION 055210 ROOF SAFETY RAILS

DELETE:

2.2 SYSTEMS

- A. Architectural Series Roof Edge Protection Non-Penetrating Railing System for Roof Edge Fall Protection: Provide metal handrail system consisting of a top rail, mid rail and base. Stanchions shall be capable of mounting in any direction.
1. Approved Product: SafetyRail 2000 Architectural Series Guardrail System. Or approved equal.
 2. Standards: System shall meet and exceed OSHA Standards - 29 CFR 1926.502 (b) and 1910.23 (e).
 3. Height: 42 inches (1067 mm), minimum.
 4. Railings and Stanchions: 1-1/4 inch pipe (1.66 inch (42 mm) OD).
 - a. Curved upright.
 - b. Inclined upright.
 - c. Straight upright.
 5. Free Standing Base: Class 30 gray cast iron.
 6. Hardware: 1010 carbon steel securing pins, zinc plated and yellow chromate dipped.
 7. Finish for Rails: Hot dipped galvanized.
 8. Finish for Rails: Powder coat paint over hot dipped galvanized steel.
 9. Finish for Bases: Hot dipped galvanized.
 10. Finish for Bases: Powder coat paint.

INSERT:

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 7. Finish for Rails: Powder coat paint over hot dipped galvanized steel.
 8. Finish for Bases: Powder coat paint.

REVISION TO DRAWINGS: NONE

ATTACHMENTS:

Sub-Bid Tabulation Section 042000 Masonry (one page)

Sub-Bid Tabulation Section 260000 Electrical (one page)

WORCESTER HOUSING AUTHORITY

BY: Joe Carson, Chairperson

Date: February 15, 2019

END OF ADDENDUM NO. TWO

Sub-bid Tabulation

Division:

Section 042000 Masonry

DEPARTMENT OF MODERNIZATION

The following sub-bids have been received and not rejected in connection with the project mentioned below:

Date and Time: 13-Feb-19
 Job Number: 2017-29
 Job Name: **Roof Replacement**
 Development Number and Name: **12-15 Webster Square Tower/1050 Main Street**



Name and Address of Sub Bidder	Sub- Bid Price	Alternates	Subtotal	Addendum 1	5% Ck/ Bond	DCAMM	Update Statement	Non-Collusion	HUD Form 5369-A	Restrictions and Exclusions
						Certificate Masonry				
Kenney Masonry LLc PO Box 2506 Amherst MA 01004	\$54,864			✓	✓	✓	✓	✓	✓	
Calhess Restoration & Waterproofing Co 374 University Avenue Westwood, MA 02090	\$55,000			✓	✓	✓	✓	✓	✓	
Costa Brothers Masonry Inc. 2 Lambeth Park Drive Fairheaven, MA 02719	\$57,000			✓	✓	✓	✓	✓	✓	
Chapman Waterproofing Company 620 South Street, Unit E Holbrook, MA 02343	\$57,900			✓	✓	✓	✓	✓	✓	
Acme Waterproofing Co., Inc 21 Nightingale Avenue Quincy, MA 02169	\$76,800			✓	✓	✓	✓	✓	✓	
Commercial Masonry Corp	\$78,900			✓	✓	Not Signed	✓	✓	✓	
Folan Waterproofing & Const. Co., Inc. 795 Washington Street South Easton, MA 02375	\$87,400			✓	✓	✓	✓	✓	✓	
Sullivan & Narey Construction, Inc. 214 Maple Street Holyoke, MA 01040	\$120,760			✓	✓	✓	✓	✓	✓	
Fernandes Masonry, Inc.	\$125,000			✓	✓	✓	✓	✓	✓	

