

ADDENDUM NUMBER ONE

**FLEET BUILDING ROOF REPLACEMENT AT 12TH STREET
CONTRACT NO. M-17-003-201**

CITY OF CHATTANOOGA, TENNESSEE

Attached is the Pre-Bid Agenda with notes added regarding additional questions and comments.

The results of the pull-test on the roofing panels is included in the additional discussion section. Also included is the portion of the summary of work that was read at the Pre-Bid meeting, and the Bid Schedule that was reviewed at the meeting.

The following changes shall be made to the Contract Documents, Specifications, and Drawings:

Replace Original Section 01010 Summary of Work with the attached Section 01010-R1.

Replace Original 1-00301-2 Bid Schedule with the attached 1-00301-2 – R1 Bid Schedule

August 25, 2016

/s/Justin C Holland, Administrator

SIGN-IN SHEET

PROJECT: M-17-003

Fleet Maintenance Building on 12th Street - Re-Roofing Project

	NAME	COMPANY	PHONE	EMAIL
1	Brian Helton	CARLISLE	423/991-0062	brian@apexgraph.com
2	JACK CLERICI	TRI-STATE ROOFING	423-825-4261	JCLERICI@TRI-STATE-ROOFING.COM
3	Michael Hartgraves	Wright Brothers	423-310-8730	mhartgraves@wbcc.com
4	Thomas Black	Total Building Maint	423-503-2150	thomas@tbrroofing.com
5	Debbie Talley	COC	423-643-7230	dtalley@chattanooga.gov
6	JOSH HELTON	JDH COMPANY	423-598-8715	JOSH.HELTON@JDHCOMPANY.COM
7	Chris Vella	Foam-Crete	423-773-3015	chr3@foam-crete.net
8	Alan Ogle	City of Chattanooga	423-643-5898	aoogle@chattanooga.gov
9				
10				
11				
12				
13				
14				
15				



City of Chattanooga, Public Works Department

Pre-Bid Meeting Agenda

Subject: Fleet Maintenance Building on 12th St. – Re-Roofing Project M-17-003-201

Date: 11/29/2017

Time: 2:00 PM

Location: Development Resource Center Room 2B

Organizer: City of Chattanooga – Alan Ogle

Topics Discussed

Everyone is requested to sign in on the Attendance Sheet.

Introductions.

- Read thru 01010, Summary of Work. Review 00301-1b, Bid Schedule.
 - Visits to the site are strongly encouraged to assess access requirements. We have a lift available for those who would like to access the roof immediately after this meeting. Otherwise, you are free to visit at a time of your own choosing, but you'll need to bring a tall ladder to access the roof. If you do visit at a later time, please check in at the shop with Steve Pack, the Shop superintendent.
 - All questions should be supplied in writing to the Purchasing Agent as instructed on the bid form 1-0009, "Request for bidder information".
 - The Bid Date for the project is Thursday, Dec. 21, 2017 at 2:00 pm.
 - Questions will not be accepted after 4:00 PM on December 15, 2017, which is the Friday before the Bid Date.
 - The Final Addendum (if needed) will be distributed no later than 2:00 PM on December 19, 2017, which is the Tuesday before the Bid Date.
 - The expected date of the Notice to Proceed is Feb. 2, 2018, with an expected construction start date Feb. 12, 2018.
 - The project is schedule to be completed in 90 calendar days, with liquidated damages listed in the contract of \$500.00 per day.
 - **Questions discussed included:**
-

- What are the numbers from the pull test?

Good Pull results.

Dave Pratt, Firestone, Director of Tech. Services for Larimer/Shannon Group - has looked at the pulls and we can offer the City a very good option of not having to go into the purlins.

This roof could be Mechanically fastened or Fully adhered.

If you would like to use an 8' sheet at 6" oc.TPO

1.5 ISO as coverboard

16(F) 24(P) 32(C)

Could be less if 1/2 HD is used as Cover Board.

NO need to go in to perlins.

Actual findings:

City of Chattanooga,

Transportation Building

900 11th st

Chattanooga TN

Pulls were made by JDH/Todd Hartman

1. 375#

2. 475#

3. 520#

4. 420#

5. 380#

6. 350#

7. 450#

8. 500#

9. 375#

10. 450#

Standing Seam roof, used HD Firestone fasteners.

Plan is to NOT go into purlins.

- **Make sure that section 00201-1 is completely filled out and is placed on the outside of the bid envelope on the bid opening date. If that form is not on the outside of the bid envelope, the bid will not be opened.**
- A question was asked during the site visit regarding a mast on the north side of the roof that might interfere with the installation of the new guttering. If the positioning of that mast is determined to be a problem with the installation, the City will coordinate, at the expense of the City, to have the mast temporarily removed or relocated to accommodate the installation.

SECTION 01010
SUMMARY OF WORK
(portion read at Pre-Bid meeting)

PART 1 – GENERAL

1.1 Section Includes

- A. Description of Work
- B. Items regulating the execution of the Work

1.2 Description of the Work

A. The work covered by this Contract consists of :

1. Existing flashings, metal edging, gutters, downspouts, fascia and fascia extension to be removed and replaced with new 24 gauge Kynar finished metal in color of owner's choice.
2. Install one coat of primer and one coat of elastomeric coating to all galvanized sheet metal and steel piping on the roof in order to protect and preserve these details.
3. Extend pipes and curbs to meet minimum height above finished roof elevation as required by manufacturer.
4. Add wood blocking at roof perimeter to match new insulation/deck board heights.
5. Install new insulation boards between flutes. Install new insulation and ½" DensDeck coverboard (or equivalent) to metal deck to meet City Building Codes.
6. Install new 60 mil TPO roof membrane, mechanically fastened.
7. All work must be done during operating hours of the Maintenance Building (7:30 to 3:30 Monday through Friday), unless otherwise approved.
8. Owner will conduct a pre-construction meeting before work will be able to start.
9. Owner will establish at pre-construction meeting where construction dumpsters and laydown areas will be placed.
10. Contractor must abide by all specification requirements.
11. Provide a Manufactures NDL warranty for 20 years, including all products.
12. All questions must be presented to Purchasing.

BID SCHEDULE

REPLACEMENT ROOFING SYSTEM FOR FLEET MAINTENANCE BUILDING AT 12TH STREET

Project No. M-17-003

City of Chattanooga, Tennessee

Item No.	Description	Unit	Est. No. of Units	Unit Price	Total
1	TPO cover over fluted metal roof, including roofing and labor including: wood blocking, membrane, insulation, and cover board, and metal trim to complete roof system per specs, plans, and manufacturer's requirement, and furnish 20 year warranty	LS	1		
2	Remove all old gutters and downspouts and dispose of properly. Furnish and install new gutters and downspouts with all appertenances as needed	LS	1		
3	Surface clean, install one coat of primer, and one coat of elastomeric coating to all exposed galvanized sheet metal and steel piping on the roof in order to protect and preserve these details.	LS	1		
Total Base Bid					
Conditional Repairs					
1	Remove and replace deteriorated steel roofing deck as needed	1	Square foot		

SECTION 01010
SUMMARY OF WORK

PART 1 – GENERAL

1.1 Section Includes

- A. Description of Work
- B. Items regulating the execution of the Work

1.2 Description of the Work

A. The work covered by this Contract consists of :

1. Existing flashings, metal edging, gutters, downspouts, fascia and fascia extension to be removed and replaced with new 24 gauge Kynar finished metal in color of owner's choice.
2. Install one coat of primer and one coat of elastomeric coating to all galvanized sheet metal and steel piping on the roof in order to protect and preserve these details.
3. Extend pipes and curbs to meet minimum height above finished roof elevation as required by manufacturer.
4. Add wood blocking at roof perimeter to match new insulation/deck board heights.
5. Install new insulation boards between flutes. Install new insulation and ½" DensDeck coverboard (or equivalent) to metal deck to meet City Building Codes.
6. Install new 60 mil TPO roof membrane, mechanically fastened.
7. All work must be done during operating hours of the Maintenance Building (7:30 to 3:30 Monday through Friday), unless otherwise approved.
8. Owner will conduct a pre-construction meeting before work will be able to start.
9. Owner will establish at pre-construction meeting where construction dumpsters and laydown areas will be placed.
10. Contractor must abide by all specification requirements.
11. Provide a Manufactures NDL warranty for 20 years, including all products.
12. All questions must be presented to Purchasing.

B. The City Engineer reserves the right to substitute, add, delete, increase, decrease in any form or fashion as necessary the scope of work under the provisions of this Contract, including the projects noted above.

C. This project shall be assigned a unique project number by the Engineer. The Contractor shall execute this project in complete compliance with the requirements of this contract. All records of the Contractor shall conspicuously identify them to be associated with the unique project number assigned by the Engineer.

- D. The Engineer shall provide a set of standard City details, as needed, which shall be applicable to this project. The Contractor shall be called in for a Pre-Construction meeting at which time the Engineer shall issue notice to proceed. The Contractor shall have ten (10) days or an agreed to start date to start construction.

1.3 Items regulating the Execution of the Work.

A. Attention to Work

For this project, the Contractor shall give his personal attention to and shall supervise the work to the end that it shall be prosecuted faithfully; and, when he is not personally present on the work, he shall at all times be represented by a competent superintendent or foreman who shall be present at the work and who shall receive and obey all instruction or orders given under this Contract, and who shall have full authority to execute the same, and to supply materials, tools and labor without delay, and who shall be the legal representative of the Contractor. The Contractor shall be liable for the faithful observance of any instructions delivered to him or to his authorized representatives.

B. Access to Work

The Contractor shall at all times provide proper facilities for access and inspection of the work by representatives of the Owner and of such official Governmental agencies as may be designated by the Owner as having jurisdictional rights to inspect the work.

C. No Parking Signs

The Contractor shall place "NO PARKING" signs 48 hours prior to beginning work at a project location. The Contractor shall notify the City's designated Inspector/ Project Manager when the signs have been placed and if vehicles have not been moved at such time as work is scheduled to begin. No additional cost shall be paid to the Contractor while the Owner is making arrangements to get the vehicle moved or towed.

D. Work on Private Property

Where the work on this project encroaches upon private property, the Owner shall provide easements and/or right-of-entry in or onto said property. Work performed in such easements is subject to the provisions of the easement agreement on file with the City of Chattanooga Engineering Department.

The Contractor shall be responsible for obtaining any additional agreements which may be deemed necessary for the storage of equipment or materials outside of public easements or rights of ways for this project. The Contractor shall obtain a written agreement between the Contractor and Land Owner and forward it to the Engineer prior to use of said property.

The Contractor shall be responsible for the preservation of and shall use every precaution to prevent damage to all trees, shrubbery, fences, culverts, mailboxes, bridges, pavements, driveways, sidewalks, houses or building and all water, sewer, gas, telephone and electric lines thereto and all other private and public property along or adjacent to the work.

Any damage that occurs will be restored to a like condition as existed prior to construction, in the Contract Documents, unless otherwise indicated or specified.

Forty-eight (48) hours prior to construction on any easement or streets the Contractor shall notify in writing the affected property owners in the area. This notification shall include the Contractor's name and the name and phone number of the contact person.

E. Monthly Job Site Meetings

Once a month, on a date mutually agreed upon by the Contractor and the Engineer, a job site meeting shall be held for review of the Project, including, but not limited to: The construction schedule, traffic control, pending submittals, and any other issues that may arise. This meeting shall be used to review the contractor's monthly applications for payment.

F. Contract Working Hours

All work shall be performed during regular working hours unless mutually agreed upon and approved in writing by the City Engineer. The Contractor will not permit overtime work or the performance of work on Sunday or any legal holiday without the Owner's written consent given after prior 24 hour written notice to the Engineer. Saturday work shall also require prior 24 hour written notice. Regular working hours are Monday through Saturday from 7:00 A.M. to 8:00 P.M. The actual costs of the Owner's and Engineer's inspection of the work performed outside of regular working hours will be billed to the Contractor and deducted from the Contractor's application for payment as they occur.

END OF DOCUMENT