

**ADDENDUM NUMBER ONE**

**MOCCASIN BEND O&C BUILDING RE-ROOFING PROJECT CONTRACT NO. W-16-015-201**

**CITY OF CHATTANOOGA, TENNESSEE**

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

Revised Drawings, Sheet 2 of 5

August 25, 2016

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/s/Justin C Holland, Administrator  
City of Chattanooga  
Department of Public Works

Comments and questions made during the site visit.

The following are answers to questions and comments that were discussed at the pre-bid meeting:

Q1. There are no dimensions shown on the plan sheets.

**A1. Plan sheets will be reissued with dimensions shown.**

Q2. A question was asked about the roof taper, and if the air conditioning curbs would need to be raised.

**A2. The curbs will need to be raised to the appropriate height to accommodate the roof taper, insulation, and installation requirements.**

Q3. A discussion was held concerning the best method to seal around the air conditioning units. Questions were asked regarding the decking and sealing of the extra areas of the air conditioning curbs where there is currently metal covers placed. Questions concerned the method of replacing the covering and what materials would be acceptable.

**A3. The City would like new covers fabricated with minimum 22 gauge metal decking, structurally supported from below with metal studs. New covers should be flat across the top with tapered insulation added to allow the TPO membrane to span across the top. New covers shall be capable of supporting 50 psf.**

**There are three areas to be covered. There is one larger curb opening on the eastern a/c unit, to the south end, which is currently covered with a three panel cover. There are also smaller openings on both the north and south end of the western a/c unit that need to be addressed in the same manner. The final goal is to achieve a watertight seal around all four sides of the a/c units once they are reinstalled.**

*Comments concerning antennas and wiring on the roof:*

**There are currently two antennas on the roof, and some wires running across the roof surface. One antenna is at the south-east corner of the building, and is the antenna for the SCADA system, which is part of the control system for the plant and pump stations across the region. The other is at the south-west corner of the building, and seems to be an unknown antenna of some type, and a lighting arrester. By the time work starts on the roofing project, the electricians at the plant will have relocated both of these antennas and the wiring off of the roof and onto support posts attached to the side of the building. They should not interfere with the roofing project, but it is very important that the chosen contractor be aware of the importance of the SCADA antenna,**

**As a critical component of the infrastructure of the Moccasin Bend Regional Waste Water Treatment Plant, the SCADA antenna must remain in service at all times. Even the slightest disruption of power supplying this antenna could have disastrous consequences. The contractor shall make every effort to ensure that this antenna is not incidentally damaged, particularly during removal of the old roof material.**

**The lightning protection system will be replaced after the roof project is complete, so that should not interfere with the roofing work.**

Comments concerning sealing the air conditioning units:

A discussion was held concerning the best method to seal the a/c units to the roof. The city will hire a crane contractor and air conditioning company to facilitate removal of the air conditioning units so the roofing contractor can install curb extenders to raise the curb, and also allow the roofing contractor to seal the openings at the three ends of the existing metal curbing where the existing curbs are too long. See Question 3 above.

During the roof installation and performance of the related work, the contractor is responsible for sealing the curb openings to a water tight condition and maintaining this condition to the end of the contract. The contractor will be held responsible for any water damage to the inside of the building which occurs due to water intrusion through the air conditioning curb openings.

Comments regarding the cap blocks on the parapet:

The cap blocks are approximately 3 inches high on the inside, 14 inches wide, and 4.75 inches on the outside. The contractor is to cut the existing metal flashing flush with the parapet wall and shall install a sheet of  $\frac{3}{4}$  inch plywood to allow the new TPO membrane to be approximately flush with the inner edge of the cap block and to provide for good adhesion for the membrane.

Comments regarding the grates on top of the roof drains:

Based on issues and discussions from the roofing project on the Filter Press building, the city is specifying replacement drain grates to be Zurn metal grates, 10" diameter, Mfg. Model # P121-DOME-C1, or approved equal.



## City of Chattanooga, Public Works Department

### Pre-Bid Meeting Agenda

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**Subject:** Moccasin Bend O & C Building Re-Roofing Project W-16-015-201  
**Date:** 8/31/2016  
**Time:** 10:00 AM  
**Location:** MBWWTP O & C Conference Room  
**Organizer:** City of Chattanooga – Alan Ogle  
 

#### Topics Discussed

List of Attendees is attached.

Introductions.

- Read thru scope of work. Present Bid Items. Present Unit Price form for adds/deducts.
  - Visits to the site are strongly encouraged to assess access requirements.
  - All questions should be supplied in writing to the Purchasing Agent as instructed on the bid form "Request for bidder information".
  - Questions will not be accepted after 4:00 PM on September 6, 2016, which is the Tuesday before the Bid Date.
  - The Final Addendum (if needed) will be distributed no later than 2:00 PM on September 9, 2016, which is the Friday before the Bid Date.
  - Questions discussed included:
    - When is the expected date of the Notice to Proceed?
      - October 28, 2016.
    - Are the 45 days stated for project duration work days, or calendar days?
      - 45 calendar days
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- Discussion about how to handle the A/C Units:

ATTENDING PRE-BID CONFERENCE

Bid/Proposal Number: 140570

Replacement Roofing Systems for Operations &  
Control Buildings

Opening Date: 9/13/16

Pre-Bid Date: 8/31/16

Name & Company

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