



PURCHASING DEPARTMENT
DIVISION OF BUDGET & FINANCE

PUR-1452
ADDENDUM NO. 1
INVITATION TO BID

ROOF MEMBRANE REPLACEMENT
WASTEWATER TREATMENT PLANT MULTIPLIABLE BUILDINGS

DATE: November 13, 2019

BIDS DUE: Wednesday December 4, 2019
(Revised Due Date via Addendum No. 1) 2:00 P.M.

To Bidders:

This Addendum is hereby made a part of the Contract Documents on which all bids will be based and is issued to correct and clarify the original documents.

Please acknowledge receipt of this Addendum at the appropriate space on the Proposal Form. This Addendum consists of four (4) pages.

NOTE: All Bidders must enter the Washington County Administration Complex through either the front door at the 100 West Washington Street entrance or through the rear entrance (w/blue canopy roof) which is handicap accessible and must use the elevator to access the Purchasing Department to submit their proposal and/or to attend the Pre-Proposal Conference. Alternate routes are controlled by a door access system. Washington County Government has announced new security protocols being implemented at the Washington County Administration Complex at 100 West Washington Street, Hagerstown. The new measures took effect Tuesday, February 14, 2017. The general public will be subject to wand search and will be required to remove any unauthorized items from the building prior to entry. Prohibited items include but are not limited to: Weapons of any type; Firearms, ammunition and explosive devices; Cutting instruments of any type - including knives, scissors, box cutters, work tools, knitting needles, or anything with a cutting edge, etc.; Pepper spray, mace or any other chemical defense sprays; and Illegal substances.

ITEM NO. 1: *Inquiry:* Is there a budget amount available to the public?

Response: A budget has been established for this project.

ITEM NO. 2: *Inquiry:* Is there a start date for work to begin?

Response: Refer to the bid document, Page 19, Supplemental Terms and Conditions, Item No. 18, Time of Completion: By submission of bid, the Bidder agrees to commence work under this Contract upon receipt of the Notice to Proceed (issuance of Purchase Order), prosecute the work diligently, and **substantially complete ready for its intended use and occupancy not later than May 31, 2020.** The time stated for completion shall include material procurement,

construction, and final clean-up of the premises ready for occupancy. The successful Bidder shall schedule construction times with Mr. Mike Smith, Deputy Director, Department of Water Quality, 240-313-2600.

ITEM NO. 3: *Inquiry:* Is there a pre-bid sign in sheet available that could be emailed to me?

Response: Please see Attachment No. 1 to this Addendum.

ITEM NO. 4 *Inquiry:* Supplemental Terms and Conditions, page 19, Item #19: Please clarify if the roof manufacturer's warranty is for twenty (20) years or twenty-five (25) years as discussed in the pre-bid meeting.

Response: Refer to Item No. 13 of this addendum.

ITEM NO. 5 *Inquiry:* Supplemental Terms and Conditions, page 19, Item #20: If necessary, is it possible to work past 3:30 P.M. The roof must be in a watertight condition prior to the end of the working day. Scheduling an exact end time is very difficult.

Response: The Contractor will be permitted to work past 3:30 P.M.

ITEM NO. 6 *Inquiry:* Scope of Work / Specifications, 1.1 A: In order to prepare a proper bid proposal in a recover operation or a complete removal, we will need to know the make-up of the existing roof system, to include the type of existing deck, slope of the deck, thickness of the existing insulation and if there is one or more installed roof membranes. This can be accomplished by taking two (2) core samples – one (1) at the low point and one (1) at the high point. Will Washington County be supplying this information?

Response: The County has elected to remove the existing insulation and roof membrane down to the existing deck. See Item No. 10 of this Addendum.

ITEM NO. 7 *Inquiry:* Scope of Work / Specifications, 1.2 A: Leaving the insulation in place, installing a new membrane and requiring a twenty-five-year warranty presents numerous issues such as a possible requirement by the roof manufacture for a roofing moisture scan and how the new insulation will be attached to the concrete deck.

We suggest the scope be changed to a complete roof removal and replacement, flat or tapered insulation (depending on the slope of the deck), insulation adhered to the concrete deck with insulation adhesive and to the metal deck with fasteners.

A suggestion would be to contact the Carlisle or Firestone Representative for assistance in what the manufacture will require for a complete roof replacement considering your wind FM Wind Uplift requirements, Fire Classifications and Design Loads.

Response: See Item No's. 6 and 10 of this Addendum.

ITEM NO. 8 *Inquiry:* Scope of Work / Specifications, 2.4B and C, Sheet Metal Accessories: Please verify the 26-gauge or thickness of the gutters and downspouts. The minimum standard usually

(NOTE: The wording of all "Inquiries" submitted are displayed exactly as received.)

specified for gutters is 24 gauge galvanize steel or 050 aluminum and 24 gauge galvanize steel or 040 aluminum for the downspouts.

For the gutter support are you requiring outside or inside brackets and the usual spacing is 16" on center and not 48" on center.

Response: Gutter shall be 24 gauge galvanized or 050 aluminum. Downspout shall be 24 gauge galvanized or 040 aluminum. Gutter supports shall be inside brackets at 16" on center.

ITEM NO. 9 *Inquiry:* Please delete the reference to "metal roof retrofit system" (1.4A page 22, "standing seam metal roofing" (1.6B2 page 24), and "metal retrofit system" page 26 since this is a low slope roof replacement and not a metal roof system replacement.

Response: Part 1 of Item No. 9 herein: Refer to the Invitation to Bid, Page 24, Scope of Work / Specifications, Item 1.6 Quality Assurance, Letter B, No. 2; **DELETE** in its entirety.

Part II of Item No. 9 herein: Refer to the Invitation to Bid, Page 26, Scope of Work / Specification, Item No. 1.8 Warranty, Letter C., **CHANGE** this paragraph to read as follows:

The Membrane Roof Manufacturer shall warrant for a period of twenty-five (25) years, that chalking shall not exceed ASTM D 659, #8 rating and shall not fade more than five (5) units in accordance with ASTM D 2244 under normal atmospheric conditions. Manufacturer's Certification: Submit written certification signed by the manufacturer stating that the **membrane roof system** manufacturer will provide warranties specified herein.

ITEM NO. 10: Refer to the Invitation to Bid, Page 20, Scope of Work / Specifications, Item 1.1 Work Includes, Letter A; **CHANGE** this paragraph to read as follows:

Remove the existing insulation and membrane roof system on the Filter Building, Headworks Building, Solids Building, and Maintenance Building, at the Conococheague Wastewater Treatment Plant and install a minimum of 2" of new insulation and .060 white TPO fully adhered roof system with all necessary accessories.

ITEM NO. 11: Refer to the Invitation to Bid, Page 27, Scope of Work / Specifications, Item 2.1 Work Includes, Letter A; **CHANGE** this paragraph to read as follows: **Roofing System: Firestone Building Products LLC, Carmel IN: www.firestonebpc.com.**

1. Roofing system manufactured by others are acceptable provided the roofing system is completely equivalent in materials and warranty conditions and the manufacturer meets the following qualifications:
 - a. Specializing in manufacturing the roofing system to be provided.
 - b. Roofing system manufactured by the companies listed below are acceptable provided they are completely equivalent in material and warranty conditions:
 - i. Carlisle, Syntec System
 - ii. John Mansville
 - iii. Versico Roofing System

2. Manufacturer of Insulation: Same manufacturer as roof membrane.

(NOTE: The wording of all "Inquiries" submitted are displayed exactly as received.)

ITEM NO. 12: Refer to the Invitation to Bid, Page 29, Scope of Work / Specifications, Part 2 – Products; **ADD**, the following section, **Item 2.5 ROOF INSULATION:**

2.5 ROOF INSULATION:

1. Polyisocyanurate Board Insulation: Closed cell polyisocyanurate foam with black glass reinforced mat laminated to face, comply with ASTM C1289 Type II Class 1, with the following additional characteristics:
 - a. Thickness - A minimum of 2” with ¼” per foot slope
 - b. Size: 48” by 96”, nominal
 - i. Exception: Insulation to be attached using adhesive may be no larger than 48” by 48”, nominal
 - c. R-value (LTTR): 2.0-inch thickness: 12.1 minimum
 - d. Compressive Strength: 25 psi when tested in accordance with ASTM C1289.
 - e. Ozone Depletion Potential: Zero; made without CFC or HCFC blowing agents.
 - f. Recycled Content: 19 percent post-consumer and 15 percent post-industrial average.

2. Adhesive for Insulation Attachment: Type as required by roof membrane manufacture for roofing system and warranty provided; use only adhesives furnished by roofing membrane manufacturer.

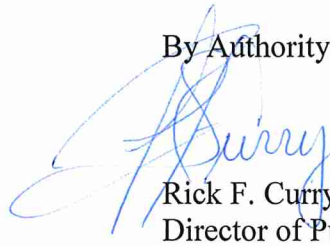
ITEM NO. 13: All references in the bid document made to the requirement of a 25-year warranty shall be **CHANGED** to read as follows: **20-year warranty.**

ITEM NO. 14: All references in the bid document made to the Bid Submission Deadline and Bid Opening Time shall be changed to read: **No later than 2:00 P.M. (EDT/EST), Wednesday, December 4, 2019.**

ITEM NO. 15: All references in the bid document made to Interpretations, Discrepancies and Omissions shall be changed to read: **No later than 4:00 P.M., (EDT/EST), Wednesday, November 20, 2019**

ITEM NO. 16: A subsequent Addendum shall be issued with responses to questions and additional information.

By Authority of:



Rick F. Curry, CPPO
Director of Purchasing

Pre-Bid Conference
Roof Membrane Replacement at Conococheague Wastewater Treatment Plant Multipliable Buildings

Representative's Name/E-mail (Please Print)	Company / County Dept.	Address City, State, Zip	Phone	Fax
Name Brandi Naugle E-mail bnaugle@washco-md.net	Washington County Purchasing Department	100 West Washington Street, #3200 Hagerstown, MD 21740	240-313-2330	240-313-2331
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Name Randy Rice E-mail rrice@thebeltgroup.com	Hite Roofing	P.O. Box 1273 Cumberland, MD 21501	301-729-0920	301-729-0163
Name Andy Anslin E-mail aanslin@heidlerroofing.com	Heidler Roofing		301-766-4030	
Name ROD EVERETT E-mail REVERETT@HEIDLERROOFING.COM	HEIDLER ROOFING	960 KUMU AVE HAGERSTOWN, MD 21740	301-766-4030	301-766-4031
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Pre-Bid Conference

Roof Membrane Replacement at Conococheague Wastewater Treatment Plant Multipliable Buildings

Representative's Name/E-mail (Please Print)	Company / County Dept.	Address City, State, Zip	Phone	Fax
Name John Kakonikos E-mail John@dproject.co	D Project Inc.	109 Speicher Dr. Annapolis MD	347-287-7982	
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