

Response to Bidder Questions
Montgomery County Burn Building Prop

To: All Bidding Document Holders of Record

From: Wiley|Wilson

Lynchburg, Virginia

Date: 03/17/16

This Response to Bidder Questions contains 3 pages. Based on these responses, none of the responses below requires the issuance of an Addendum to change the contract documents.

- **Bidder Question** - Alternate #3 on the bid form asks for a sprinkler line and pendant. How are we supposed to feed that line, or will that portion be NIC since it's outside of the 15' circumference?
If we are feeding it do we have flow ratings on the supply?

Response – The 4" standpipe and sprinkler line is a prop and is intended to be fed by a pumper truck connected at the male fire department connection shown on sheet A-102.

- **Bidder Question** - There also is add alternate #1 that references sheet A02 Note 8. I don't see that page and note 8 on S-001 isn't for the same thing?

Response – Bid Alternate #1 should refer to note C6 on sheet S-001 which indicates that epoxy coated reinforcement shall meet the requirements of ASTM A775. For this alternate, please include the costs to install epoxy coated reinforcement in lieu of the plain reinforcement for the cast-in-place concrete structure.

- **Bidder Question** - The Specs call out epoxy coated rebar in the concrete and galvanized in the CMU. It does not give any detail on any drawing calling out either one. Can you clarify?

Response – Epoxy coated reinforcement meeting ASTM A775 is to be included as Bid Alternate #1. The base bid should include plain carbon steel reinforcement meeting ASTM A615. Vertical reinforcement in the CMU shall be plain carbon steel reinforcement. Dovetail anchors for CMU shall be galvanized.

- **Bidder Question** - As referenced on page 26, Section 004113, C. Bid Alternates; item 1 mentions "Installing Epoxy Coated Reinforcing Steel as noted on Sheet A0.2 as note 8 under concrete". Will this sheet A0.2 be issued as a future addendum?

Response – No, see response to Bidder Question above.

- **Bidder Question** - As referenced on page 26, Section 004113, C. Bid Alternates; item 2 mentions “*Additional Burn Rooms (Firebrick on floors, thermal lining on walls and ceiling)*”. Will the location of these additional burn rooms be identified in a future addendum?

Response – No, for the purposes of the bid, assume that the additional burn room would be room #104.

- **Bidder Question** - S-502, Detail F calls for “*SS metal nosing with anchor*”. Can a specific product be given as a guide? Can a “Wooster” aluminum nosing be used as a substitute to the SS nosing?

Response – Cast Aluminum stair nosing such as Nystrom 2” wide with cast-in bolt or equivalent can be substituted for the specified stainless steel nosing.

- **Bidder Question** - Specification Section 071400 indicates a product that resembles a “*thoroseal /thorocoat*” product. Is this appropriate? If not, will you suggest a branded product that meets your intent?

Response – Second Floor/Low Roof Framing Plan and High Roof Framing Plan on sheets S-102 and S-103 call out SIKATOP Seal 107 or equal.

- **Bidder Question** - 07 80 00 - 1.3.A.2 calls for the temperature behind the lining to be 350 degrees when the exposed face is 1,500 degrees. Is heat flow analysis test data required to confirm the product meets this specification?

Response – *If the product is not listed under Part 2.1 of specification section 07 80 00 or if the product does not meet the requirements for number and age of completed projects then test data showing that the product can meet the performance criteria as indicated in Part 1.4.A and 1.4.B.4 of specification section 07 80 00 will be required..*

- **Bidder Question** - Section 07 80 00, 1.3, A, 1 and 1.3, A, 2 require the lining system to withstand temperature spikes of 1500 degrees. The WesTec system is approved, however, the vendor specifications do not meet this requirement for areas beyond walls and ceilings, including any doors or windows to be lined. Please advise if this product is acceptable or if Montgomery County is providing an exception to this VDFP requirement as particular areas are limited to 1200 degree.

Response – Montgomery County is not providing any exceptions on the performance of the temperature lining system. The selected system must meet the 1500 degree spike temperature noted in the specification.

- **Bidder Question** - Section 07 80 00, 1.3, A, 1 and 1.3, A, 2 require the lining system to withstand temperature spikes of 1500 degrees. What are the requirements for lining outside of burn rooms, i.e. ceilings, around windows and door frames? Does the 1500 degree requirement stand for those areas or is Montgomery County providing an exception to this VDFP requirement?

Response - Montgomery County is not providing any exceptions on the performance of the temperature lining system. All areas where linings are installed shall meet the temperature requirements specified in specification section 07 80 00.

- **Bidder Question** - Is the 4" standpipe shown on A-102 supposed to be part of the sprinkler head alternate? Will there need to be hose valves on this pipe? 1 ½" or 2 ½" hose?

Response – Yes, the standpipe is part of the sprinkler head alternate. The 4" standpipe and sprinkler line is a prop and is intended to be fed by a pumper truck connected at the male fire department connection shown on sheet A-102.

- **Bidder Question** - the SS hinge on the scupper detail. These hinges won't hold galvanizing and would require moving a lot of removal of the hot dip if they were to be put on there after dipping.

Response – Provide bid based on scupper as indicated on the drawings.