

TULSA COUNTY

**PURCHASING
DEPARTMENT**

MEMO

DATE: DECEMBER 17, 2014

FROM: LINDA R. DORRELL
PURCHASING DIRECTOR 

TO: BOARD OF COUNTY COMMISSIONERS

SUBJECT: ADDENDUM #1- BUILDING SHELL FOR THE NEW TRAINING BUILDING AT THE
SHERIFF STANLEY GLANZ LAW ENFORCEMENT TRAINING CENTER

ON DECEMBER 1, 2014, THE NOTICE TO BIDDERS WAS MAILED FOR BUILDING SHELL FOR THE NEW TRAINING BUILDING AT THE SHERIFF STANLEY GLANZ LAW ENFORCEMENT TRAINING CENTER. THIS BID WILL BE RECEIVED BY THE COUNTY CLERK UNTIL 4:00 P.M. ON THE 2ND DAY OF JANUARY, 2015 AND WILL OPEN IN THE BOARD OF COUNTY COMMISSION MEETING ON JANUARY 5, 2015.

THIS ADDENDUM IS FOR ANSWERING QUESTIONS AND FOR CLARIFICATION PURPOSES.

RESPECTFULLY SUBMITTED FOR YOUR APPROVAL.

LRD/tah

ORIGINAL: PAT KEY, COUNTY CLERK, FOR THE DECEMBER 22, 2014 AGENDA.

COPIES: COMMISSIONER JOHN M. SMALIGO
COMMISSIONER KAREN KEITH
COMMISSIONER RON PETERS
STANLEY GLANZ, SHERIFF
MARK LIOTTA, CHIEF DEPUTY
MICHAEL WILLIS, CHIEF DEPUTY
VICKI ADAMS, CHIEF DEPUTY
STEVEN BEANE, SHERIFF'S OFFICE



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Sheriff Stanley Glanz Law Enforcement Training Center
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ADDENDUM No. 1
December 22, 2014

Construction Documents and Drawings as prepared by STEVEN EARL BEANE, *Architect of Record*, for construction of

NEW TRAINING CENTER BUILDING
Building Shell Package
at the
Sheriff Stanley Glanz Law Enforcement Training Center
6094 East 66th Street North
Tulsa County, Oklahoma

are by this Addendum amended as described herein. This complete Addendum, including attachments, shall be included as part of the Contract Documents.

PRE-BID MEETING QUESTIONS

Refer to the attached Tulsa County Purchasing Department Document dealing with questions asked and answered at the Pre-Bid Meeting that took place on December 9, 2014.

BIDDER QUESTIONS

The following bidder questions were forwarded from Linda Dorrell at the Tulsa County Purchasing Department to the Architect of Record:

Question No. 1:

Question: You call for a R-panel roof, 24 gage with R-30 insulation value. To get R-30, you would need to use what is called Simple Saver, which is filling the purlin cavity with insulation on top of a fabric that is attached to bottom of roof purlin. This system is expensive. I can give you a R-value of 27-28 by using 9-1/4 inch thick roof insulation over roof purlin with a Butler Mr-24 Standing Seam Roof (24ga) with thermal block on top of purlin. You would be saving money plus get a better roof.



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Sheriff Stanley Glanz Law Enforcement Training Center
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Answer: An Alternate Bid Item will be added for the single layer of insulation and thermal block with a mechanically field seamed trapezoidal rib design standing seam roof panel. Refer to the attached Section 01 23 00 - Alternates.

Question No. 2:

Question: The approx. 23' on each side of main building, you have a second floor, which says interior build out for information only. Do we supply the 2nd story steel?

Answer: The second level storage floor steel is NOT a part of the Building Shell Phase bid package. The second level and all interior build-out work will be a part of the future interior Build-Out Phase bid package.

Question No. 3:

Question: Are FEMA designed tornado shelters included in the metal building pricing? and concrete package?

Answer: The precast concrete wall and lid panels shown and specified in the Building Shell Package ARE a part of the bid. The cast-in-place concrete foundation and slab shown and specified in the Building Shell Package ARE a part of the bid.

The Metal Building Contractor will be the General Contractor and be responsible for all work of this Building Shell Phase, except Under Slab Plumbing and Under Slab Electrical as described in the Building Shell Phase Description on Drawing G-101.

Question No. 4:

Question: Please provide the approximately weights for the roof top units.

Answer: Refer to the attached Addendum Drawing AD-1 for the locations and weights of heat pump units that will hung from the underside of the building roof structure.

Question No. 5:

Question: Please approve the acceptance of a quote from BC Steel Structures of Oklahoma City as an approved manufacturer. Their certification of accreditation is enclosed. We have visited their plant and offices and see no reason for not including them.



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Answer: Refer to Specification Section 01 25 13 - Product Substitution Procedures for the requirements and process for submitting requests for product substitutions. Refer to Specification Section 13 34 19 - Metal Building Systems, Article 2.1, Paragraph I. for the requirements for metal building manufacturers to be considered.

Question No. 6:

Question: There is a detail for a slip dowel construction joint on Drawing Sheet S-002. There is not reference that we can see on sheet S-100. Is this just for use as an option or is there an intended location for this type of joint? Please clarify.

Answer: The detail is referenced on Drawing Sheet S-100, Detail Reference Bubble B/S002, Typical. The Detail B/S002 is the typical Construction Joint for the building slab. Each joint location is identified on the Foundation Plan as "CJ."

Question No. 7:

Question: At our option, may the precast concrete panels be site cast walls with pre-stresses pre-cast concrete plank used as the roof structure?

Answer: Bid the precast concrete wall and roof panels as shown and specified in the Bidding Documents.

Question No. 8:

Question: At locations where the buildings adjoin (A to B, B to C), there are shown two columns. We propose to utilize one column at these locations wherever possible. Please confirm that this is acceptable.

Answer: A single column is acceptable.

Question No. 9:

Question: The main roof panels are specified to be 24 gauge PBR and the entry roofs as Standing Seam. Please confirm that the Standing Seam is to be vertical rib or trapezoidal.



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Answer: Refer to Specification Section 07 61 13 - Standing Seam Sheet Metal Roofing. Standing seam roofing at Entry Canopies is specified as MBCI Craftsman Series High Batten with 2 inch high by 3/8 inch wide battens spaced 12 inches on center.

Question No. 10:

Question: Can we utilize a base channel with metal panel behind the brick veneer? We propose to utilize similar flashing details. Please confirm.

Answer: Refer to Specification Section 01 25 13 - Product Substitution Procedures for submittal of alternate products or details. Submit a complete detail of the proposed alternate wall construction behind the brick veneer.

Question No. 11:

Question: Can Tyvek be utilized as the vapor barrier in lieu of "felt paper"?

Answer: The felt is a "moisture barrier" not a vapor barrier. Indicate the type of "moisture barrier" proposed on the alternate detail for the brick veneer

PROJECT MANUAL

ITEM AD1.1: Section 00 01 10 - Table of Contents

Add the following Sections to Table of Contents":

Section 01 23 00 Alternates

ITEM AD1.2: Section 00 41 13 - Bid Form-Stipulated Sum (Single Prime Contract)

Delete existing Section 00 41 13 and replace with the attached Section 00 41 13.

ITEM AD1.3: Section 01 23 00 - Alternates

Add new Section 01 23 00 - Alternates to Project Manual.

ITEM AD1.4: Second Copy of Section 01 26 00 - Contract Modification Procedures.



Tulsa County Sheriff's Office
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Delete the 2nd copy of Section 01 26 00, that does not contain the noted attachments, from the Project Manual.

ITEM AD1.5: Single Page with Paragraph "Changes in Work" and a handwritten line down the left side of the page.

Delete the single page as described from the Project Manual.

ITEM AD1.6: Section 13 34 19 - Metal Building Systems.

Revise Article 2.7, Paragraph D. Roof Panels with the following:

D. Roof Panels:

Base Bid Item: 24 gage, PBR Panel profile, 36 inches wide, 1-1/4 inch high major ribs at 12 inches on center with minor ribs spaced between major ribs, lapped edges fitted with continuous sealant strips.

1. Length: One piece continuous full length from ridge to eave
 - a. Lap joints not permitted for pre-manufactured panels 50 foot or less in length.
 - b. Where panels are cut to provide for lap joints, seal watertight and finish to match color and finish of panels. Exposed un-finished cuts not permitted.
 - c. Obtain Architect approval of location for lap joints before fabrication.
2. Sidelaps: Minimum 1 full major rib, with supporting member bearing edge on lower panel and sealant tape strip between lower and upper panel.

Alternate Bid Item: 24 gage, Trapezoidal Rib Standing Seam Panel profile, 24 inches wide, with minor ribs spaced between male rib and female rib, 2 inches high plus seam height with male seam one side and female seam at other side with continuous seam sealant.

1. Length: One piece continuous full length from ridge to eave
 - a. Lap joints not permitted for pre-manufactured panels 50 foot or less in length.



Tulsa County Sheriff's Office
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- b. Where panels are cut to provide for lap joints, seal watertight and finish to match color and finish of panels. Exposed un-finished cuts not permitted.
- c. Obtain Architect approval of location for lap joints before fabrication.
2. Thermal Block:
 - a. Insulate purlins to eliminate "thermal short circuits" between purlins and roof panels.
 - b. Minimize heat loss caused by compression of blanket insulation between structural members and roof panels by use of thermal block at each purlin location.

ITEM AD1.7: Section 13 34 19 - Metal Building Systems.

Revise Article 2.5, Paragraph C. Insulation Type to read as follows:

C. Insulation Type:

Base Bid Item: NIA CFIS and NAIMA 202 Certified Faced Insulation, preformed glass fiber batt type, faced with reinforced vinyl for pre-Engineered Metal Buildings. Each insulation package shall carry the NAHB Certified Faced Insulation Label.

1. Roof Double Layer: R-30; 1 layer of R-19 vinyl faced and 1 layer of R-11 unfaced.
2. Walls: R-13, vinyl faced.

Alternate Bid Item: NIA CFIS and NAIMA 202 Certified Faced Insulation, preformed glass fiber batt type, faced with reinforced vinyl for pre-Engineered Metal Buildings. Each insulation package shall carry the NAHB Certified Faced Insulation Label.

1. Roof Single Layer: R-30; 1 layer of R-30 vinyl faced with thermal block at each purlin.
2. Walls: R-13, vinyl faced.

ITEM AD1.8: Section 13 34 19 - Metal Building Systems.

Revise Article 3.5, Paragraph C. to read as follows:

C. Roof:



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Base Bid Item: Roof Double Layer.

1. 1st Layer (exposed to building interior): Install R-19 insulation between and over metal building roof structure and purlins in accordance with ASHRAE 90.1, Double Layer for Screw Down Roofs with vinyl facing towards building interior space.
2. 2nd Layer (directly under metal roof panel):
 - a. Install R-11 unfaced insulation batts perpendicular to direction of 1st insulation layer. Do not compress insulation.
 - b. Install without gaps or voids.
 - c. Trim insulation neatly to fit spaces. Insulate miscellaneous gaps and voids.
3. Support System: Utilize an insulation support system for support of the insulation between purlins.
 - a. Support system color shall be "white" at exposed Multi-Purpose Training Area roof.

Alternate Bid Item: Roof Single Layer.

1. Install R-30 insulation between and over metal building roof structure, thermal blocks and purlins in accordance with ASHRAE 90.1, Single Layer for Standing Seam Roofs with vinyl facing towards building interior space.
2. Install without gaps and voids.
3. Trim insulation neatly to fit spaces. Insulate miscellaneous gaps and voids.

DRAWINGS

ITEM AD1.X - Drawing

Add the foll

ITEM AD1.X - Drawing



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6094 East 66th Street North, Tulsa County, OK 74117

ITEM AD1.X - Drawing

ITEM AD1.X - Drawing AS-101 Architectural Site Plan/Existing Utility Plan

Add the following note to Drawing AS-101 below Site Notes:

EXISTING BUILDING PAD RECOMPACTION - ALTERNATE BID ITEM

1. If required by the Testing Laboratory scarify and recompact the top 9 inches of the existing building pad to a point 5 feet beyond the building line. Testing Laboratory will inspect and test building pad recompaction.
2. Remove any weeds and vegetation from building pad area.
3. Scarify existing building pad area by disk blading the top 9 inches of building pad until soil is uniform and free of large clods of chunks.
4. Compact existing building pad area to minimum 95 percent optimum density in accordance with ASTM D 698 at minimum moisture content 2 percent below and maximum 2 percent above optimum moisture content.
 - a. Compact existing building pad with a vibratory smooth drum roller having a minimum drum size of 60 inches.
 - b. If water must be added, it should be uniformly applied and thoroughly mixed into the soil by disking or scarifying.
 - c. Proofroll to detect any areas of insufficient compaction by making minimum 2 complete passes with moderately-loaded 25-ton dump truck, or Testing Agency approved equivalent, in each of two perpendicular directions.
 - d. Excavate and recompact area failing to meet specified requirements.

END OF ADDENDUM