

PRE-BID ADDENDUM NO. 1

December 11, 2015

EVIDENCE STORAGE BUILDING

FOR:

THE TOWN OF SMITHFIELD

PREPARED BY

MOSELEY ARCHITECTS

3200 NORFOLK STREET

RICHMOND, VA. 23230

ALPHA CORPORATION

295 BENDIX ROAD, STE 340

VIRGINIA BEACH, VA 23452

IFB Project No. 02-2015

GENERAL INFORMATION

1. Bidders are requested to attach this Addendum to the inside front cover of the Project Manual.
2. The Contract Documents are modified by this Addendum.
3. All contractors must acknowledge receipt of this Addendum on the submitted Bid Form.
4. The following revisions, additions, and clarifications are hereby made part of the Contract Documents and supersede or otherwise modify the provisions of the Contract Documents, dated October 15, 2015.

PRE-BID ADDENDUM No. 1**QUESTIONS AND ANSWERS:**

Bidders are advised that the answers provided in this "Questions and Answers" section may also contain modifications to the Project Manual and the Drawings which are not repeated in the "Changes to Project Manual and Technical Specifications" and "Changes to Drawings" sections below. All answers are incorporated into this Addendum.

1. There is no local video monitor included for viewing the network video recorder, Is there a need for reviewing recorded material on site at the NVR?

A local video monitor is not required. Video will be viewed remotely through the NVR. The County will run conduit and cabling from this building to interconnect to the town's Fiber Optic WAN. This connection will permit building cameras to be viewed from the Police Dept and will permit the access control system to be connected into the rest of the Town's access control system, permitting the Evidence Storage building access control system to be programmed and monitored remotely.

2. Do you require a wall mounted 19" standard network rack for the components?

A wall-mounted 19" standard network rack is required.

3. The specifications mention '26 bit weigand' as the card reader of choice. 26 bit weigand is not a type of card reader it is the protocol that a particular type of card reader may support. That being said do you expect proximity type card readers or swipe card readers?

Provide Indala Proximity card readers, to be consistent with all other Town of Smithfield buildings, including the Police Dept.

4. It is shown on the drawings electric strikes as the choice of device for locking the facility. Also included are 'REX' door release motion detectors. It is our understanding that with door strikes 'operating the knob' is an acceptable means of egress. With that being said was this a cut and paste error possibly?

Electric locks, not electric strikes, are indicated on Drawing SE2.1 and in Section 087100 "Door Hardware". Per Security Legend on Drawing SE2.1, REX function is integral with lock and is specified accordingly in Section 087100. Coordinate with Section 087100.

5. It appears there is no Intrusion Detection System per se on the plans. Is the intention connecting the door position sensors to the access control system to be used as a quasi-semi security system of sorts?

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An intrusion detection system (motion detectors, glass break sensors, etc.) is not required. The access control system and door position switches, in conjunction with cameras, will be adequate to handle building security.

6. At the walk thru it was mentioned that the access system would be stand alone and never connected to a larger, enterprise scaled system. That being the case what exactly are the 'or approved equal' requirements for the access system other than the ability to read the established Town of Smithfield format (26 Bit Weigand), provide historical card reads for "x" time frame, and allow "x" amount of users, and easy connection to a lap top or tablet?

The access control system must be compatible with Town of Smithfield's current access control system, which is an Indala card reader system.

7. At the walk thru it was mentioned that the video system would be stand alone and never connected to a larger, enterprise scaled system. That being the case what exactly are the requirements for the video system other than the ability to record IP Video cameras at 3mp or greater, storage of recorded material for 30 days, watermark and eSata back-up ability and supporting VMS software?

The cameras will connect to an NVR per Section 285000 and Drawing SE2.1. That NVR will be for the Evidence Storage building only, but Owner will provide a connection to connect to Owner's network.

8. There will be no electronic means of monitoring the building for intrusion is that a correct assumption other than the ACS system?

There will be no electronic means of monitoring the building for intrusion other than the access control system.

9. There will be no electronic fire alarm protection? Is that a correct assumption?

A fire alarm system is not required for this building.

10. Concerning the Video system, where it is stated 'Network Video Recorder SAMSUNG Model SRN 1673S, or approved equal' what are the parameters under scrutiny that would identify a product as 'equal' or 'un-equal'? Same question for the 'SAMSUNG Model SND-7084, or approved equal' IP video camera.

Samsung model listed is basis-of-design. Subject to compliance with project requirements, other acceptable camera manufacturers are Bosch, Pelco, Axis, and Exacq. The NVR must be capable of recording 3MP or better and must have duplex capability, to be able to continue recording

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even when searching through recorded video. Successful bidder will be required to provide line-by-line comparison of product features vs. specified models for review during submittal phase.

11. If it were proposed a Network video recorder or IP Video Cameras with Recording specifications greater than those specifications relating to the SAMSUNG devices would those be considered an 'equal product'?

Samsung is listed as basis-of-design for cameras and NVR. Products that exceed project requirements are also acceptable.

12. In the Drive-In Bay the Plans show (2) PTZ wall mounted Cameras. PTZ dome cameras are the older technology. The Bays are an excellent location for 360 degree IP high Definition fisheye cameras. (2) of these in the ceiling would give you un-paralleled recording in all directions, at all times. Additionally you have the ability to Pan-Tilt and Zoom those as well. Could this be offered as an alternative solution?

Provide PTZ Cameras as base bid. 360 degree IP HD fisheye cameras may be proposed as a bid alternate in lieu of PTZ's. Owner wants to be sure there is no distortion with the fisheye camera.

13. We cannot locate a specification section for the ceramic tile within the bid documents provided. We request a specification for the ceramic tile floor in rooms 108 and 111.

The indication "C-TILE" refers to carpet tile, specification 096813.

14. Please clarify the duct-bank detail on drawing sheet E1.1. Is the specified VDOT #10 screening material the duct-bank material that encases the conduit or is it intended for concrete to encase the conduits and the #10 screenings provided for trench backfill. Please clarify.

At the duct-bank detail on E1.1, Delete the note "VDOT #10...spacers every 6'-0". The backfill of the conduit is sand, per the detail's title. From the sand backfill up to the underside of the concrete topping (see next question), provide VDOT 21A.

15. Keynote #4 on drawings sheet A2.1 requires a 4" concrete topping at the conduit duct-bank. Is it the intent of the design for the 4" concrete topping to replace the asphalt pavement that will be removed for the conduit trenching and is to be provided in lieu of replacement with new asphalt pavement? Please clarify.

The question is in reference to keynote #3. Concrete topping is indicated, anticipating lesser cost than repair with asphalt for the limited scope.

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Contractor may provide the concrete topping or an asphalt pavement section matching the existing asphalt.

16. Door #122 is indicated on the door schedule (Dwg A3.1) to receive a new door and frame. The door hardware schedule in spec section 087100 (Set 11) indicates that the door hardware is to be reused from the existing door and is atypical of the other new doors and frames. Please confirm the door hardware schedule is correct for door #122.

In spec 087100, remove door 122 from hardware set 11, and provide new hardware set 11A for door 122:

Set 11A

3 ea hinges TB2714 4.5 x 4.5 26D

1 ea lockset 21-8225 LNB 626

1 ea wall stop 403 26D

3 ea silencers SR64

17. Wall partition note "F" on drawing sheet A0.2 requires all fire-smoke-acoustic rated walls to be extended to the underside of the roof deck. We only can locate the walls marked on drawing sheet A2.1 indicated by a heavy dashed line to be extended to the roof deck. Please confirm no other fire-smoke-acoustic rated wall partitions, other than those wall partitions that are indicated, are to be extended to the roof deck.

There are no fire-smoke-acoustic rated walls in the project, so note "F" on A0.2 does not apply. There are however full height walls to deck, which are terminated per the termination details on A0.2. Keynote 1 on A2.1 (with heavy dashed line) indicates the new walls that extend full height to the underside of roof deck. Drawing A9.1 indicates all walls that extend to underside of roof deck, new and existing, with black poche.

18. The notes on the "head of wall" detail on drawing sheet A0.2 require drywall and metal stud framing to "...maintain assembly rating". There are no ratings provided on the drawing by which we can determine the rating to be maintained. Please provide the required ratings.

There are no fire rated partitions in the project. If a full height wall is prevented from terminating at the underside of roof deck by parallel beam, joist, girder, channel, ductwork, piping, etc., then encase the obstruction on one side with CFSF-S with layer(s) of gypsum board to provide equivalent STC to the partition. See "Terminations General Notes" on A0.2, note C, third bullet.

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19. Wall partition note "L" on drawing sheet A0.2 requires all vertical chases to be type 'P1'. However, we cannot find the construction details for chase type 'P1' nor can we locate any instance on the drawings where type 'P1' chases are required. Please confirm no type 'P1' chases are required.

Delete wall partition notes "L" & "M" on drawing sheet A0.2.

20. Drawing A 10.1, inset for the roof assembly (RFA), how are we attaching the base layer of substrate board? Screws or adhesive? Will you consider mechanically attaching (screws and plates) the first layer of substrate and the base 4" of insulation and then using adhesive for the subsequent layers of tapered insulation and the cove board? That would save a substantial amount of adhesive and labor. That way, we could use 8" screws for this base layer and adhesive for the tapered layers.

Yes, spec section 075423, 2.8, B & C allows both the mechanical fasteners and the insulation adhesive.

21. In the RFQ for the Evidence Locker Security (Access Control and Cameras) it states that you would like Samsung Cameras and Bosch Access Control Are you ok with the Honeywell Equivalent of these products?

The Samsung and Bosch products listed on drawing SE2.1 are design standards, with notation following "or approved equal". Other manufacturer's products that meet or exceed the design standards are acceptable. However, the Owner will be the final decision maker on if Honeywell is acceptable.

22. Drawing A2.1 Demo Note 13 talks about removing paneling from the wall. There is now new note to recover the wall, is the wall to be left exposed?

The wall finish on existing cmu is paint, per the finish schedule and spec 099100, 3.7, B. Block filler of existing voids with two finish coats.

23. Are any of the Bay area walls and ceilings to be painted?

On drawing A3.1, finish schedule, space 116, revise wall and base finishes from "PT-DF" to "PT". "EXPC/PT/DF" shall remain as the ceiling finish.

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24. On the Finish Schedule the following abbreviations are noted PT/DF, CONC/SL and EXPC/PT/DF, but there is no explanation on the drawing.

"PT-DF" is paint, dry fog application, defined in spec 099100, 3.7, F. On drawing A3.1, finish schedule, spaces 119 & 121, revise floor finish from "CONC-SL" to "CON-SLR". "CONC/SLR" is concrete sealer, defined in spec 096116. "EXPC/PT/DF" is exposed construction, paint, dry fog application, defined in spec 099100, 3.7, F.

25. Is Testing, Adjusting and Balancing to be independent? (GC pays for, not Mechanical sub)

Yes, the spec section is intentionally placed in Division 1 for independent TAB.

26. On sheet A9.1, we cannot find locations for the last 2 ceiling designations in the legend and the wall designations are confusing – are they referring to existing conditions or proposed?

The legend is generic and all symbols may not be used. The last 2 ceiling designations do not occur in the project. The reflected ceiling plan indicates existing walls as clear, and new & existing walls extending full height to deck as black.

27. On sheet A9.1, Keynotes 1 thru 4 cannot be found on the reflected ceiling plan.

On drawing A9.1, under "Reflected Ceiling Plan Keynotes", delete keynotes 1 through 4.

CHANGES TO PROJECT MANUAL AND TECHNICAL SPECIFICATIONS**Instruction to Bidders**

- A. The date to receive bids remain the same and shall be Thursday, December 17, 2015 at 2pm at the Town Manager's office, Town of Smithfield Government Center, 911 South Church Street, Smithfield.
- B. All permits are the responsibility of the Contractor. The Isle of Wight County Building Inspections office has reviewed and approved the drawings. The cost of

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the Building Permit is \$978.41 and shall be paid for by the Contractor. The cost of all other permits shall be by the Contractor.

- C. The contractor shall be responsible to maintain the structural integrity of the building during construction period.

Section 011000, Summary

Section 1.6 “Allowances” – D; the signage allowance remains the same at \$5,000. and shall be included in the Contractor’s Base Bid.

Section 014000, Quality Requirements

Section 1.10 “Special Tests and Inspections” - A; delete the sentence “Owner will engage...and as follows:”, and substitute “The Contractor shall coordinate with the Isle of Wight County Building Inspections office to arrange for and coordinate all required inspections, and as follows:”

Technical Specifications

Section 042200, Concrete Unit Masonry

After “Part 1- General” add: “Related Documents - A. Provisions of the Contract and of the Contract Documents apply to this Section.”

CHANGES TO DRAWINGS:

- A. On drawing A9.1, delete General Note ‘D’.

END OF ADDENDUM