



ROANOKE COUNTY

**FINANCE AND MANAGEMENT SERVICES DEPARTMENT
PURCHASING DIVISION**

ADDENDUM # 3

FOR

**IFB # 2020-065
Public Service Center Construction**

**OPENING DATE: July 31, 2020
OPENING TIME: 2:00 P.M.**

DATE of IFB: June 26, 2020

This Addendum # 3 will be provide information regarding Questions received so far. Please note that there are a few questions that will be addressed in a future Addendum once we are able to gather all of the required information.

July 16, 2020

CJMW Project No. 18-1090

ADDENDUM NO. 3

IFB # 2020 – 065

Roanoke County Public Service Center Construction
Hollins Road Project
Pre-Engineered Buildings Project

TO ALL BIDDERS:

This Addendum supplements and amends the Plans and Specifications **prepared by CJMW Architecture dated March 9, 2020, Revision 2; Bid Set, June 22, 2020 as noted below** and shall be taken into account in preparing proposals and shall become a part of the Contract Documents. The Bidder shall indicate receipt of this Addendum and any previously issued Addenda on the Proposal Form. Each holder of bid documents registered with the Architect will receive a copy of each Addendum. Each prime bidder is responsible for distribution of information conveyed in this Addendum to his sub-bidders and suppliers.

QUESTIONS FROM PRE-BID MEETING, Thursday July 09, 2020

1. Question: Is the fire tank part of the project?

Answer: Yes it is.

2. A6.01 – Insulated wall panel system on the pre-engineered buildings. Are substitutions allowed for liner based system?

Answer: The pre-engineered design must comply with the Virginia Energy Conservation Code. It is not intended to be proprietary. A pre-engineered system with a liner system that complies with the Virginia Energy Conservation Code and the requirements of this project is acceptable. Note: The maximum allowable u-value is U-0.052. A thermal spacer block or thermal break strip, with a minimum R-value of R-0.75, is required between metal building girt and siding panel. The system shall also utilize impalement pins to prevent insulation from sagging over time.

Please submit as a substitution request to review.

3. Do purlins for metal building that are covered by insulation need to be finished? (Acrylic vs Galvanized Coating)

Answer: Proprietary metal systems are not required. Please submit as a substitution request to review and we can address via addendum. Also note, Interior Steel at the

Hollins Road Project Wash Bay is to be protected with Industrial Epoxy Paint or galvanized, as noted on drawing A4, Sheet A6.02. Other hidden members in other buildings do not need the same finish.

4. What are the requirements for the Stormwater subfloor panels?
Answer: The cementitious subfloor panels are in the 06-1000 Rough Carpentry section with the plywood roof sheathing.
5. Will we need any temporary security fencing as a requirement from the Counties perspective?
Answer: This will be addressed in a following addendum.
6. The drawings reference different aspects for vaults on the site. There is a note to confirm the vault size with the Architect. Reference Drawing C301 and it sends you to E401 – regarding vault size.
Answer: Exclude the “vault” reference. The intent is to terminate the conduit with a handhole as detailed on E401.
7. PRT Building - Structural drawings – Trusses show 2 ft on center and another location show 4 ft on center.
Answer: The pole barn addition has wood trusses 24" on center.
8. Have Building Permits for the project been approved?
Answer: Yes, there are a total of nine permits (listed in the IFB) and they have all been approved, including the site plans.
9. Is there a fee associated to transfer permits over to the winning contractor?
Answer: County has already paid the permit fees. Successful bidder(s) may pick up permits once bid is awarded.
10. Can we move the project due date to a Tuesday instead of Friday?
Answer: County will consider this request and reply in a future addendum.
11. What size crane is needed 2 ton or 3 tone, this is at the storm shop?
Answer: The hoist capacity of the crane in Stormwater is 3-Ton. The revision is included in the SPECIFICATION section (see below).
12. Site plan calls for removal of stairs at Cold Storage, but Architectural plans say to keep them, which is correct?
Answer: The label indicating that the existing stair is to be removed is incorrect. The stairs are to remain in accordance with the Architectural plans.

13. Are we to remove water line without patching pavement?

Answer: Pavement disturbance required for utility trenching or removal shall be repaired or replaced to match the existing pavement section and existing grades.

14. Are we expecting extensive Asbestos removal?

Answer: We are expecting removal and abatement as outlined in the asbestos study. The study has already been completed by ECS and is included in the Hollins Road Project Manual, Section 02-2600. Contractor is responsible for the removal and abatement per the report.

15. There is a note on both plans to use ductile iron line for any lines at 100 PSI or above. Do we have the information available for these lines?

Answer: Both Fleet Center and Kessler Mill sites have an assumed working pressure over 100 psi and will require ductile iron. The Green Hill Park site has an assumed working pressure under 100 psi and may use PVC as shown per plan.

SUBMITTED PRE-BID QUESTIONS

1. On Hollins Road Project, Sheet A2.01, the equipment schedule at the top right of the page covers the notes. Can we get clarification on item 150 and note 1 in this area?
Answer: As outlined below, Item 150 calls for one new ice maker and reference Note A.

ID	DESCRIPTION	SIZE	NOTES	QTY	STATUS
150	ICE MAKER		SEE NOTE A	1	NEW

The General Equipment Notes were also partially obscured. For clarity, the in entirety of the partially obscured note is provided below:

GENERAL EQUIPMENT NOTES:

1. EQUIPMENT INDICATED AS "BY OWNER" IS OWNER FURNISHED, OWNER INSTALLED.
EQUIPMENT INDICATED AS "NEW" IS CONTRACTOR FURNISHED, CONTRACTOR INSTALLED.
EQUIPMENT INDICATED AS "OFCI" IS OWNER FURNISHED, CONTRACTOR INSTALLED.
CONTRACTOR SHALL BE RESPONSIBLE FOR DISASSEMBLING, MOVING, REASSEMBLING, AND
INSTALLING INDICATED EQUIPMENT. EQUIPMENT LOCATED AT OWNER'S CURRENT FACILITY:
1216 KESSLER MILL RD, SALEM, VA. CONTRACTOR SHALL COORDINATE WITH OWNER'S
SCHEDULE TO MINIMIZE DISRUPTION.

2. PROVIDE BLOCKING FOR EVERY TV AND GLASSBOARD.

NOTE A:

-120V, AIR-COOLED ICE MAKER, CAPABLE OF PRODUCING MIN. 120 POUNDS OF ICE PER DAY
-90 POUND ICE STORAGE CAPACITY
-PROVIDE WATER FILTER
-SEE PLUMBING FOR DOMESTIC WATER AND SANITARY CONNECTION REQUIREMENTS
-PROVIDE DRAIN PUMP KIT. PIPE TO ADJACENT SINK. SEE PLUMBING FOR ADDITIONAL INFORMATION.

2. On Hollins Road Project, Sheet A2.01, plan key note #15 describes mailboxes to be installed in the work room. Details A8 and A10 on sheet A4.02 depict the work room but do not show the mailboxes. Is there a detail and/or specification for them?
Answer: Internal mailboxes will be mounted on west wall of work room 108. Further clarification to follow in subsequent addendum.
3. Hollins Road Project and Pre-Engineered Buildings Project: Drawings A2.01 and A2.02 on the Pre-engineered Building Call for Integral Skylights, but specification 13-3419 Note H calls for insulated glazing units and thermally insulated mounting curbs.
Answer: If they comply with the requirements of the Virginia Energy Conservation Code, either type skylight may be acceptable. Please submit substitution request with necessary energy code information for consideration.
4. What is the collateral load for the pre-engineered building design?
Answer: For the pre-engineered buildings (Wash Bay at Hollins Road Project; Stormwater and PRT Utility Buildings at Pre-engineered Building Project) the following shall apply:

Hollins Road Project: The following revision shall be made to the Hollins Road Project:
Drawing S1.01 – STRUCTURAL GENERAL NOTES:

Roof Dead Loads at Wash Bay:

Roofing – 2 psf
Insulation and liner panel – 3 psf
Suspended Utilities – 5 psf
Framing, purlins, bridging, bracing and accessories – Self-weight

Pre-Engineered Building Project: The following revision shall be made to the Pre-Engineered Building Project:

Drawing S1.01 – STRUCTURAL GENERAL NOTES:

Roof Dead Loads at Stormwater Building and PRT Utility Building:

Roofing – 2 psf
Insulation and liner panel – 3 psf
Suspended Utilities – 5 psf

Framing, purlins, bridging, bracing and accessories – Self-weight

Stormwater Building Only: Bridge Crane – Design loads as shown on drawing S4.03

ADDITIONAL CLARIFICATIONS

1. The contractor is responsible for coordinating the testing required by the specifications with the Owner engaged Testing and Inspecting Agency including the site components as outlined in this addendum and fuel island and wash bay equipment as outlined in the project manual. Contractor to give Owner 24 hour notice prior to testing of fuel island and wash bay equipment to allow their observation, if desired.
2. **SITE RELATED TESTING REQUIREMENTS**
 - A. Testing Agency: The Owner will engage a qualified independent geotechnical engineering testing agency (Geotechnical Engineer) to perform field quality control testing for site related construction as described below.
 - B. The Contractor shall be responsible for required continual coordination with the Geotechnical Engineer to ensure timely inspections occur which would otherwise limit workflow interruption.
 - C. The Site Related Testing, described below, shall be in addition to the required building related special inspections.
 - D. Site Related Testing services by Geotechnical Engineer shall include:
 1. Attendance of site meetings, if requested.
 2. Associated report generation and distribution as applicable for review.
 3. Compaction testing of backfill, new fill, utility trench work, and dense graded aggregate pads including asphalt pavement areas, concrete pavement areas, and asphalt access drives. Compaction testing shall be by means of proof-rolling, standard Proctor, and/or at the discretion of the Geotechnical Engineer for required confirmation.
 4. Asphalt testing and confirmation of pavement design mix. Asphalt testing and confirmation shall be in accordance with standard VDOT requirements.
 5. Site concrete sampling and testing. Includes review and approval of concrete mix design submittals to verify the use of approved mixes. Perform compression strength tests in accordance with the proper ASTM guidelines in addition to general inspection of concrete placement, reinforcement and formwork.
 6. Retaining Walls:

- a. By building code, no site retaining walls require special inspections since unbalanced fill is not proposed of over 10 vertical feet. However, the site retaining walls as shown on the Site Plans will require the same testing and inspections which would otherwise apply according to Roanoke County's Statement of Special Inspections. Inspections and testing would include inspection of placement of foundation system, confirm soil type and height, verify dimensions of wall per appropriate Plans, and confirmation of proper compaction of fill materials.
5. Hollins Road Project: Brand approval for "Lockers MFG (Lockers Manufacturing", "Lockers Manufacturing" product line requested as a substitution for Metal Lockers (see Project Manual Section 10-5113, Article 2.01) .
Answer: Substitution request accepted.
6. Pre-engineered Building Project, Fire Suppression: Code note on the cover page states building will not be sprinkled. Reflected ceiling plans A2.03 shows notations for Sprinkler / Recessed Sprinkler heads. Please clarify if the project will need Fire Suppression.
Answer: The pre-engineered buildings are not sprinklered.

SPECIFICATION UPDATES

Pre-Engineered Building Project: The following revision shall be made to the Project Manual of the Pre-Engineered Building Project:

SECTION 41-2213.13, UNDER-RUNNING BRIDGE CRANE

2.3 General Specifications

A. Hoist

1. Hook capacity: **3 Tons.**

END OF ADDENDUM. NO. 3

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FOR

**IFB # 2020-065
Public Service Center Construction**

**OPENING DATE: July 31, 2020
OPENING TIME: 2:00 P.M.**

DATE of IFB: June 26, 2020

*****REQUIRED*****

*****Sign and return with your bid package*****

Sign Name:

Print Name:

Date:

Company