

Addendum

RMFDE - 911 Complex

DATE: 6/13/2025

TO: All Bid Document Holders

FROM: Gary E Harvey

COMM. #: 24100

ADDENDUM #: 1

BID DATE: 7/14/2025

BID TIME: 2:00pm

BID LOCATION: Purchasing Office, Rm. 200, at 57 S. Center Drive, Daleville, VA 24083, Atten: Stephanie Sparks - purchasing@botetourtva.gov

This addendum becomes part of the Construction Documents. The following changes, additions, and deletions shall be made to the following documents; all other conditions shall remain the same. Please attach to all copies of the Construction Documents which you are holding.

All Contractors are to state in their bid the receipt of this addendum.

Instruction to Bidders:

ADDENDUM TO THE DRAWINGS:

<u>Number</u>	<u>Drawing</u>	<u>Detail No.</u>	
AD1.1	CS1.2	1	Included personnel gates.
AD1.2	AD1.1	1	Added note stating: " <u>EXISTING EQPT RELOCATION</u> SEE NOTES ON ELECTRICAL DRAWINGS FOR RELOCATION OF EXISTING EQUIPMENT"
AD1.3	A1.1	1	Included personnel gates.
AD1.4	A1.7	4	Added detail for 'Roof Penetration - Pitch Pocket'
AD1.5	A1.10	1	Added note stating: "BOTTOM OF RATED SHAFT ABOVE - PENETRATIONS THROUGH CONCRETE SLAB TO BE FIRE CAULKED"
AD1.6	A1.11	1	Included security camera locations and coordination note.



	A2.1	1, 2, 3, 4, & 6	
	E3.2	1 & Notes	
AD1.7	A4.1	2	Revised threshold detail.
	A4.4	3 & 4	
	A6.3	2 & 3	
AD1.8	A4.3	1 & 2	Added expansion joint note tag '303'.
	A4.4	1 & 2	
	A4.10	2	
	A5.1	10 & 11	
AD1.9	A5.2	5	Added detail for 'Typical Penetration in Concrete Wall'.
AD1.10	A5.3	1 & 3	Added canopy fascia dimension and note tag '538'.
	A5.4	1 & 2	
AD1.11	A6.1	Door Schedule	Added note stating: " HARDWARE SCHEDULE: SEE HARDWARE SCHEDULE FOR HARDWARE SETS ".
AD1.12	A8.1	4	Added sign type 'RA' and coordination note.
	A8.2	1	Tagged sign type 'RA'.
AD1.13	A13.2	1	Added coordination note stating: "PSAP FURNITURE BY OWNER".
AD1.14	S2.0		Added coordination note stating: "COORD OPG IN FLOORW/ MECH AND ARCH. PROVIDE L3x3x1/4 EDGE SUPPORTS AROUND DUCT".
AD1.15	M3.0	1	Added note stating: "INSTALL FIRE DAMPER AT FLOOR PENETRATION".
AD1.16	M3.1	1	Adjusted return duct routing at 'Multipurpose 202'.
AD1.17	P3.0	Plan Notes '7'	Revised text to state: "FIRE-STOP COMBUSTION AIR, FLUE VENT, AND DOMESTIC WATER PIPING AT PENETRATION INTO CHASE. SEE PIPE PENETRATION DETAIL ON SHEET P0.2."
	E3.1	1	Adjusted receptacle locations and added height above finish floor notes.



ADDENDUM TO THE SPECIFICATIONS:

<u>Number</u>	<u>Spec Section</u>	
AS1.1	00 4100	Revised bid form
AS1.2	01 2100	Added 'Allowances' specification section.
AS1.3	01 2200	Added 'Unit Prices' specification section.
AS1.4	08 3323	Added 'Overhead Coiling Doors' specification section.

QUESTIONS/ANSWERS AND CLARIFICATIONS:

<u>Number</u>		
1	<i>Question</i>	Can the requirement for the AISC Certified fabrication and erection can be waived for the structural steel supplier?
	<i>Answer</i>	<i>Specification section 051200 – Structural Steel Framing allows for other options beyond an ASIC-Certified plant. The fabricator and installer need to provide proof in the form of a third-party inspector to confirm they follow a similar QA program. This will not be waived; fabricators in the past have had letters from F&R or ECS, or similar, typically the same people that do special inspections, stating that they have a QA program and follow similar procedures to that outlined with AISC. Even though the structural steel framing should be straight forward on this one it is a Risk IV and critical structure, so I recommend against waiving the qualifications completely.</i>
2	<i>Question</i>	Is Wayne Dalton an approved alternate for doors #101B,C,D on Section 083613?
	<i>Answer</i>	<i>Wayne Dalton is an acceptable manufacturer. Please note that regardless of manufacturer, all performance specifications must be met or exceeded.</i>
3	<i>Question</i>	Can the specifications for overhead coiling door #M1B be provided
	<i>Answer</i>	<i>Section 083323 – Overhead Coiling Doors has been included with this Addendum. See the section headed 'Addendum to the Specifications'.</i>
4	<i>Question</i>	We understood during the pre-bid that the bid would be split up into parts A (radio building), B (addition) and C (renovation). If possible, it would be better to submit as a single line lump sum and if awarded work with the contractor to separate into the three areas when the billing SOV is



submitted. During a hard bid we are waiting for numbers until the last minute and if we have to split it up as described it introduces more chance for error.

Answer

The breakdown for pricing will remain divided between the different parts of the project as outlined on the bid form.

ATTACHMENTS:

- 1) Pre-Bid Sign In Sheets
- 2) Pre-Bid Agenda (as Revised)
- 3) Drawing sheets as listed under 'Addendum to the Drawings'
- 4) Specification sections as listed under 'Addendum to the Specifications'

END OF ADDENDUM

Agenda

Botetourt County

RMFDE – 911 Complex

DATE: 6/11/2025 (*Revised 06/13/2025*)

TIME: 11:00am

IFB# 25-016

LOCATION: Read Mountain Fire Department, 43 Eastpark Dr., Roanoke, VA 24019

The following is a list of items to be discussed for the **Mandatory Pre-Bid Meeting**

1. Introduction

- Richard (Rich) Evans – BoCo – Capital Projects Manager
- Tim Burge – Skanska – Senior Construction Manager
- Sonny Miller – Skanska – Construction Manager
- Gary Harvey – Architectural Partners – Principal, Registered Architect
- Michael Trent – Architectural Partners – Project Architect

2. Sign-in

- **Mandatory Pre-Bid Meeting. This is a mandatory Pre-Bid Meeting- Make sure you sign-in as only pre-qualified General Contractors appearing on the list will be allowed to submit a bid. List of attendees to be Included in Addendum #1.**
- *Please print clearly. The sign-in sheet will be posted as written.*

3. Project description: (also see Section 00 1116 Invitation for Bids in the Project Manual).

- The Read Mountain Fire Station Renovation and Addition project entails approximately 7,200 SF of new construction for the Fire Department housing living/sleeping quarters (1st Floor), and approximately 5,500 SF of new construction housing a 911 Public Safety Communications facility (2nd Floor). The new construction consists of a concrete slab on grade with concrete footings, CMU walls, partial concrete retaining walls, partial brick veneer or metal siding on CMU backup walls with insulated cavities, and corrugated metal deck/insulation/standing seam metal roofing on bar joists. A portion of the roof construction will also include concrete. The 911 Public Safety Communications facility will include a raised-floor computer room. HVAC consists of gas-fired rooftop units, VAV boxes, and redundant computer room units serving the raised-floor areas. Heating is provided by a gas-fired boiler with hot water circulating to the equipment. Plumbing consists of a gas-fired water heater and typical fixtures. Electrical consists of a new 1,200 amp three-phase service to serve the new addition and the Radio Shop, and standard



lighting fixtures to illuminate the spaces. Conduit will run from the 911 Communications facility and the Radio Shop to an existing radio tower. The building will be fully sprinkled and will include a pre-action zone for the 911 Public Safety Communications facility.

- A renovation area in an existing one-story component has approximately 550 SF of interior demo/new construction and 2,900 SF with new finishes on existing construction, housing offices, training spaces, and support spaces. HVAC consists of gas-fired rooftop units and VAV boxes. Plumbing consists of a gas-fired water heater and typical fixtures. Electrical consists of standard lighting fixtures and power pulled from existing panelboards. The renovated area will be fully sprinkled.
- A freestanding new construction Radio Shop facility of 2,500 SF main floor and a 480 SF mezzanine. The Radio Shop construction system is concrete slab on grade with concrete footings and piers, CMU foundation walls, cold-formed steel joists for mezzanine framing, metal building insulated wall/roof frame, partial brick veneer on CMU backup, partial metal building wall panel system, metal building insulated roof panels, overhead doors, and hollow metal personnel doors & frames. HVAC consists of gas fired heaters, heat pumps, and high volume, low-speed ceiling fans. Plumbing consists of an electric water heater and typical fixtures. Electrical consists of standard lighting fixtures and power pulled from the addition' new electrical service. Conduit will run from the Radio Shop and the 911 Communications facility to an existing radio tower. The new Radio Shop will be fully sprinkled.
- Site work includes grading, domestic water, fire service, storm sewer, sanitary sewer, underground electric, underground gas, underground telephone, fencing, asphalt paving,

4. Access to Bid Documents:

- Contact Stephanie Sparks, Purchasing/Accounting Clerk at 57 S. Center Drive, Suite 200, Daleville, VA 24083, Sparks, Stephanie - purchasing@botetourtva.gov.

5. Confirm bid date/time/location:

- Sealed Bids will be received at the Purchasing Office at 57 S. Center Drive, Suite 200, Daleville, VA 24083, attn: Stephanie Sparks - until 2:00 p.m. on Monday, July 14, 2025.
All Bidders should submit one original and one copy.
- Bids will be opened publicly at the Botetourt County Administration Building, at 57 S. Center Drive in Daleville, VA 24083.

6. Bid Documents:

- Front Ends (included in Project Manual – Volume #1) are Botetourt County procedures, forms (including 00 4100 Bid Form, 00 4200 Bid Bond, 00 6110 Performance Bond, 00 6120 Labor and Materials Payment Bond, etc.), and contracts.



All Contractors are expected to familiarize themselves with these documents. Questions or comments regarding these documents should be raised prior to the bid, otherwise the GC will be assumed to be in agreement.

- All bids to be considered shall be on Bid Form found in section 00 4100 of the Project Manual. The bidder shall be responsible for complete and legible bids submitted to the correct bid location and before the bid time. **Bids not submitted on this document will be considered non-conforming and invalid.**
 - The following values are to be stated:
 - A monetary value stated both numerically and written out for Parts A, B, C, and D.
 - A monetary value stated both numerically and written out for the Total Base Bid Amount.
 - A numerical monetary value only stated for Unit Prices 1, 2, and 3.
 - The calendar days from commencement of work as specified in the Notice to Proceed (See Section/Form 00 6025) until substantial completion is issued (See Section/Form 00 6450) are stated both numerically and fully spelled out. *A revised form will be released with additional fields for each phase of the work.*
 - There is an allowance included for this project and is included and already filled in as part of the bid form as Part E. This allowance is a lump sum contingency. *A second allowance of \$250,000 will be included on a revised bid form for the maintenance of the access road.*
- **Bids that do not acknowledge receipt of all Addendum on the Bid Form will be considered non-conforming and invalid.**
- Bidders shall be prequalified Virginia licensed; Class A Contractor as required in Instructions to Bidders. Prequalification has already been completed.
- Bids shall include Bid Bonds. **Bids not containing an attached Bid Bond (See Section/Form 00 4200 - AIA A310-2010) will be considered non-conforming and invalid.**
- If awarded the contract, the Selected General Contractor shall immediately provide the required bonds.
- A Pre-Construction meeting will be required. At that time the selected general contractor will be required to submit the following:
 - List of all sub-contractors and work to be performed- include sub-contractor's address and contact information.
 - Schedule of Values.
 - Submittal Register.
 - Project Schedule and Project Timeline in conformance with the stated Substantial Completion dates.

7. Bidding Procedures:



- Contractors shall bid the work as outlined in the Bid Documents (including Project Manual, Drawings, and any Addendum issued). All Contractors are expected to familiarize themselves with these documents. Questions or comments regarding these documents should be raised prior to the bid, otherwise the GC will be assumed to be in agreement.
- All responsive bids to include contractor's Base Bid (including Parts A-E and Unit Prices): see Section 00 4100 Bid Form in the Project Manual.
- Contractor should disclose their proposed date for Substantial Completion on the Bid Form (Section/Form 00 4100) for each of the three phases.
- Bid Bond (Section/Form 00 4200 – AIA A310-2010), Performance Bond (Section/Form 00 6110 – AIA A312-2010), & Labor and Material Payment Bond (Section/Form 00 6120) are required per the Project Manual.
- All questions during the bid shall be submitted in writing to Stephanie Sparks, Purchasing/Accounting Clerk, Purchasing Office at 57 S. Center Drive, Suite 200, Daleville, VA 24083, Sparks, Stephanie - purchasing@botetourtva.gov. All questions will appear in an Addendum as submitted. Responses included in a written Addendum will be considered binding and receipt of each Addendum shall be noted on the Bid Form (Section/Form 00 4100).

8. Announce issue date of Addendum:

- Mandatory Pre-Bid summary, sign-in sheets, and any questions or RFI's received in writing prior to 12:00pm (noon) on Thursday, June 12th will be issued in Addendum #1.
- Addendum #1 will be issued by COB on Friday, June 13th and include all written questions received.
- The last day to receive written questions is 5:00pm on Friday, June 27th.
- The Final Addendum will be issued by COB on Wednesday, July 2nd.
- All addenda will be made available by BoCo, see Item #3 'Access to Bid Documents' above.

9. Anticipated Award Schedule:

- The project is anticipated to be awarded after the July 24th Board of Supervisors meeting. Subsequently a Notice of Intent to Award will be released to the selected General Contractor.

10. Permits and Fees:

- BoCo will wave all BoCo fees associated with permits for the project. However, all other fees to other entities will be the responsibility of the contractor.



11. Damages

- The Radio Shop must be completed by April of 2026 to facilitate radio testing.
- Liquidated damages will apply to each of the three main project phases. Radio Shop, Addition, and Renovation. These will be based on the agreed schedule between the Owner and the Contractor.
- Liquidated damages, for actual damages and not a penalty, for each day by which the Completion Date is delayed, by the fault of the contractor and not for reasons that are excusable delay, force majeure, or otherwise excused under the General Conditions, is \$800 per day. Following 30 days' delay, liquidated damages shall increase to \$2,000 per day. **These will be added to the Supplemental General Conditions and released in an addendum.**

12. Work by BoCo

- BoCo will contract separately with MachAlert, a specialty vendor providing emergency call signaling systems and integration. The Contractor will be responsible for coordination with this vendor.
- BoCo will contract separately with a security vendor for access control systems and security monitoring systems. The Contractor will be responsible for coordination with this vendor.
- BoCo will install all IT devices, equipment, cabling, and connections unless otherwise indicated. The Contractor will be responsible for coordination with the Owner to allow access for installation during construction.

13. Owner Direct Purchase Program

- The County reserves the right to use an optional owner-direct purchase program, as laid out in the bid package, for some or all materials. However, bidders must submit bids on all materials. **The intent is for the Owner to utilize this Owner direct purchase for all material possible. This is best facilitated by issuing purchase orders for bulk orders of materials (plumbing fixtures, bulk construction materials, etc.) or larger items (mechanical units, pre-engineered metal building, etc.). Concrete will be an Owner direct purchase item. Smaller day to day miscellaneous material purchases are not intended to be captured by this system.**
- **The Owner will provide the generators for the Contractor to install. If these are acquired by the Owner, the lead time on these will be reduced.**

14. BoCo (their Construction Representatives) and Architect roles in project and contacts

15. Discuss working conditions- restrictions, staging, parking, and limits of construction



- This is a phased project consisting of three phases: Radio Shop construction, construction of the new addition, and renovation of the existing fire station.
 - The Radio Shop must be completed by April of 2026 to facilitate the testing of the radio communications system.
 - The new addition must be completed prior to commencement of renovations to the existing fire station. The Contractor will allow the Owner two weeks to relocate from the existing fire station facilities to the completed new addition prior to beginning selective demolition of the existing station.
- The existing drive connecting to the church parking lot is to remain open as much as possible throughout the duration of this project. An allowance of \$250,000 is being included to assist the Contractor in facilitating this requirement.
- The existing fire station will remain open to staff and the public.
 - Access will need to be maintained to these buildings and protection and phasing around this access should be considered and implemented by the contractor.
 - Maintain and keep clear all exits from these buildings. Provide temporary exit signs if exit paths are altered.
 - Do not obstruct roadways, sidewalks, or other public ways without permit.
 - Care should be taken to minimize disturbance to anyone using these buildings.
- The General Contractor shall provide parking, portable toilets, and staging areas within the limits of the construction areas associated with each Phase of construction. Limits of Construction should be reviewed with BoCo and the Architect.
 - All work vehicles shall be parked in designated areas. **No areas are designated and this needs to be coordinated with the Owner prior to commencement of work. All work vehicles shall be parked within the work area unless an arrangement can be made with the Owner or a third party to designate areas outside of the work area for parking. The selected Contractor is encouraged to speak with the neighboring church about utilizing a portion of their parking lot for temporary construction parking and/or storage.**
 - Contractor Personnel shall not visit or use facilities, including toilet facilities, parking, and any other facilities.
 - The selected General Contractor shall supply, and maintain, all necessary traffic barriers, safety fencing, etc. to restrict public access to work areas.
- There is a possibility that Roanoke Cement will be donating a portion of the cement utilized for this project. This will be handled as a direct owner purchase order. The available quantity has not been determined, and this will be reviewed further with the selected General Contractor. There will be no restrictions on the concrete provider.
- Precautions shall be taken to prevent damage or wear to sidewalks, parking lots, roads, etc. by contractor vehicles. Areas damaged by construction vehicles shall be repaired in accordance with conditions prior to damage as determined by BoCo. The



selected General Contractor is encouraged to photo document the site prior to beginning work and submitting copies of this log to BoCo and the Architect.

- Limit disruption of utility services. Any disruption will need to be coordinated with BoCo in accordance with Section 02 4100 Part 3.03 Existing Utilities.
- Work hours shall not begin before 7:00am and must be completed by 7:00pm Monday through Friday, unless approved by BoCo. No weekend, or extended work time shall be performed unless approved in writing by BoCo. **Contractor to be mindful of noisy construction activity and notify the Owner when prolonged loud activities or activities outside of typical working hours may occur.**
- GC will be responsible for submitting submittals in a timely manner for review and approval.

16. Question and Answer period

- Typical Questions:
 - Can the bid date be moved?
 - This is not desired, but if conditions warrant, this will be considered if requested prior to the end of the question period. **Rich Evans explained that the result of the bids needed to be submitted the day after bid day to the Board of Supervisors. If this date were to be missed then the project award would be pushed back by one month. The bid date is intended to remain for Monday, July 14th.**
 - Can bids be submitted electronically?
 - Submissions may be hand delivered or delivered electronically. **Submissions made electronically shall be to the Botetourt County Vendor portal before the deadline. Submit one (1) original and one (1) version with redacted proprietary information, if applicable.** The portal requires quick registration and may be accessed at the link below, or from the County website, Purchasing page. **BOCO VENDOR PORTAL** Submissions will only be accepted through the portal if completed as required per these instructions and the directions given at the submission site. It is the full responsibility of the Offeror to ensure its ability to access and submit before the deadline. Any proposals received outside the Portal will not be accepted. Any technical assistance shall be requested at the Bonfire Help site or via email to the Purchasing Office, purchasing@botetourtva.gov. It is the contractor's responsibility to allow sufficient time for any issues to be resolved. Submissions made by hand delivery must also include a flash drive containing **IDENTICAL** bid documents to the submitted physical documents. This applies to all physically submitted documents including bid form **and** any possible additions or deductions. Hand delivered bids not containing a flash drive with this information will be disqualified. **Rich Evans confirmed that the flash drive to be submitted with any physical submissions does not have to be submitted by 2:00PM on bid day. However, this should be submitted as soon as possible within the next two or three days following the bid.**
 - Is there a Hazardous materials report for the buildings to be demolished?



- No, if it is determined that one will be required this will be provided by the Owner. **The building official has indicated to Rich Evans that a hazardous material report will not be required for this project.**
- Where is all the demolished material going?
 - All material not salvaged shall be removed from the site in accordance with 'Section 02 4100 Demolition' of the Project Manual and disposed of in accordance with all pertinent rules and regulations of the jurisdictions having authority.
- How often will the Architect be on site?
 - The Architect will be on site a minimum of once per month for progress meetings as per Section 01 3000 of the Project Manual. Certain times may require bi-weekly meetings or scheduled preinstallation meetings. Site visits and progress meetings will be coordinated with the OAC (Owner, Architect, Contractor) team at the preconstruction meeting and throughout the project. **In general, progress meetings are intended to occur bi-weekly with full OAC team.**
- Who pays for temporary utilities?
 - The Contractor is responsible for temporary utilities as per 'Section 01 5000 Temporary Facilities and Controls' of the Project Manual. **Connection for temporary utilities even within the existing facility are the responsibility of the Contractor.**
- Where can a construction office/trailer be located?
 - The Contractor is to propose a location for the construction office/trailer in conjunction with the Contractor's intended work plan. The proposed location of the construction office/trailer must be approved by the Owner. **This construction office/trailer is intended to have an office for the Construction Manager, Skanska.**
- Are there places off-site for laydown areas or sub's storage containers?
 - There is no known available off-site storage or laydown areas. Securing of any such areas is the responsibility of the Contractor.
- Where will GC and sub's employees park?
 - No space has been designated for this. The determination of this is the responsibility of the contractor. **All parking is to be contained within the work area unless a designated area outside of the work area can be agreed upon with the Owner or a third party. The selected Contractor is encouraged to discuss a parking arrangement with the neighboring church.**
- Only questions issued in writing shall be considered official inquiries regarding the project. These will be documented in an Addendum. All questions and answers discussed during the Pre-bid are subject to the formal issuing of questions stated above.

17. Tour of Site/Walk-Thru



- Site area including at the existing upper parking lot, apparatus bays, and existing fire station.
- Any access to the site MUST be coordinated with the following representative at least 24 hours in advance of the requested visit.
 - Contact Rich Evans, Capital Projects Manager at 57 S. Center Drive, Suite 200, Daleville, VA 24083, Evans, Richard- revans@botetourtva.gov.

18. Adjourn

SECTION 00 4100

BID FORM -

REVISED

DATE: _____

PROJECT: Read Mountain Fire Department
Extension – 911 Center

IFB# **25-016**

To: Botetourt Purchasing Office
Attn: Stephanie Sparks
Address: 57 S. Center Drive
City, ST, Zip: Daleville, Virginia 24083

In compliance with and subject to your Invitation for Bids and the documents therein specified, all of which are incorporated herein by reference, the undersigned bidder proposes to furnish all labor, equipment, and materials and perform all work necessary for construction of this project, in accordance with the Plans and Specifications, June 6, 2025, and the Addenda noted below, as prepared by Architectural Partners, Lynchburg, Virginia for the consideration of the following amount:

BASE BID {including the following Parts}:

PART A. New Addition

Lump sum price for the approximately 5,500 SF of new construction for the Fire Department housing living/sleeping quarters (1st floor) and approximately 5,500 SF of new construction housing a 911 Public Safety Communications Facility (2nd floor), in accordance with the Plans and Specifications:

PART A. = _____ Dollars
(\$_____).

PART B. — Renovation of existing one-story building. Lump sum price for approximately 550 SF of interior demo/new construction and 2,900 SF with new finishes on existing construction, housing offices, training spaces, and support space in accordance with the Plans and Specifications:

PART B = _____ Dollars (\$_____).

PART C. — New Radio Shop Facility

Lump sum price for the construction of the new freestanding Radio Shop Facility. 2,500 SF main floor and a 480 SF mezzanine in accordance with the Plans and Specifications:

PART C = _____ Dollars (\$_____).

PART D. — Sitework

Lump sum price for all site work, including grading, domestic water, fire service, storm sewer, sanitary sewer, underground electric, underground gas, underground telephone, fencing, asphalt paving, concrete pads, and landscaping.

PART D = _____ Dollars (\$_____).

PART E.

Allowance; Lump sum price for Contingency Costs in accordance with Specification 00 7300-6 § 3.8.4. Total: Five Hundred Thousand Dollars (\$500,000.00).

Allowance; Lump sum price for maintaining access road from Eastpark Drive to the neighboring church throughout construction. See section 012100 - Allowances. Total: Two Hundred Fifty Thousand Dollars (\$250,000).

PART E = Seven Hundred Fifty Thousand Dollars (\$750,000)

TOTAL BASE BID AMOUNT (Sum of PARTS A, B, C, D, and E) IS:

_____ Dollars (\$_____).

UNIT PRICES ARE:

Unit Price 1: Rock excavation in Trenches – Removal of rock in trenches, disposal off-site, and backfill with stone compacted per specifications. *Please note that this unit price will be used as a credit or deducted if quantities removed differ from the Part D allowances.*

- a. Unit of Measurement: Cubic yard of material
- b. Unit Price: (\$_____)

Unit Price 2: Rock excavation in Bulk – Removal of rock in bulk, disposal off-site, and backfill with engineered fill compacted per specifications. *Please note that this unit price will be used as a credit or deducted if quantities removed differ from the Part D allowances.*

- a. Unit of Measurement: Cubic yards of material
- b. Unit Price (\$_____)

Unit Price 3: Excavation of unsuitable material in Bulk – Removal of unsuitable material in bulk, disposal off-site, and backfill with engineered fill compacted per specifications. *Please note that this unit price will be used as a credit or deducted if quantities removed differ from the Part D allowances.*

- a. Unit of Measurement: Cubic yard of material
- b. Unit Price: (\$_____)

Contract award will be based on the **TOTAL BASE BID AMOUNT** shown above (including any properly submitted bid modifications accepted by the Owner).

The undersigned understands that time is of the essence and agrees that the time for Substantial Completion of the entire project shall be _____() consecutive calendar days from the date of commencement of the Work as specified in the Notice to Proceed, and Final Completion shall be achieved within 30 consecutive calendar days after the date of Substantial Completion as determined by the A/E. Substantial completion in consecutive calendar days for each part of the project shall be:

Part A: _____ ()

Part B: _____ ()

Part C: _____ ()

Bidder to note that the performance of parts A & B may overlap or be performed consecutively at the discretion of the Contractor.

Acknowledgment is made of receipt of the following Addenda:

Addenda # 1 Dated: Yes_____ No:_____

Addenda # 2 Dated: Yes_____ No:_____

Addenda # 3 Dated: Yes_____ No:_____

If notice of acceptance of this bid is given to the undersigned within 30 days after the date of opening of bids, or any time thereafter before this bid is withdrawn, the undersigned will execute and deliver a contract in the prescribed form {Commonwealth of Virginia Contract Between Owner and Contractor} within 10 days after the contract has been presented to them for signature. The required Detailed Schedule of Values, Project Schedule, and payment and performance bonds, on the forms prescribed, shall be delivered to the Owner along with the signed Contract.

Immigration Reform and Control Act of 1986: The undersigned certifies that it does not and shall not during the performance of the Contract for this project violate the provisions of the Federal Immigration Reform and Control Act of 1986, which prohibits employment of illegal aliens or knowingly employ an unauthorized alien as defined in the Federal Immigration Reform and Control Act of 1986.

DISQUALIFICATION OF CONTRACTORS: By signing this bid or proposal, the undersigned certifies that this Bidder or any officer, director, partner or owner is not currently barred from bidding on contracts by any Agency of the Commonwealth of Virginia, Botetourt County, Virginia, or any public body or agency of another state, or any agency of the federal government, nor is this Bidder a subsidiary or affiliate of any firm/ corporation that is currently barred from bidding on contracts by any of the same. We have attached an explanation of any previous disbarment(s) and copies of notice(s) of reinstatement(s).

Either the undersigned or one of the following individuals, if any, is authorized to modify this bid prior to the deadline for receipt of bids by writing the modification and signing his name on the face of the bid, on the envelope in which it is enclosed, on a separate document, or on a document which is telefaxed to the Owner prior to opening of the bids:

I certify that the firm name given below is the true and complete name of the bidder and that the bidder is legally qualified and licensed by the Virginia Department of Professional and Occupational Regulation, Board for Contractors, to perform all Work included in the scope of the Contract.

Virginia License No.: _____

Bidder: _____
(Name of Firm)

Contractor Class: _____

By: _____
{Signature}

Specialty: _____

Valid until: _____

FEIN/SSN: _____

Title: _____

If General Partnership {List Partners' Names}

Business Address:

Telephone # _____

FAX # _____

If Corporation, affix Corporate Seal &

list State of Incorporation:

State: _____

(Affix Seal)

Virginia State Corporation Commission ID No.: _____; or

If Contractor is a foreign business entity not required to be authorized to transact business in the Commonwealth under Titles 13.1 or 50 of the Code of Virginia, or as otherwise required by law, please provide an explanation as to why such entity is not required to be so authorized: _____

END OF SECTION

**SECTION 012100
ALLOWANCES**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Cash allowances.
- B. Contingency allowance.

1.02 ALLOWANCES

- A. Contractor's costs for products, delivery, installation, labor, insurance, payroll, taxes, bonding, equipment rental, overhead and profit will be included in Change Orders authorizing expenditure of funds from this Contingency Allowance.
- B. Funds will be drawn from the Contingency Allowance only by Change Order.
- C. At closeout of Contract, funds remaining in Contingency Allowance will be credited to Owner by Change Order.

1.03 ALLOWANCES SCHEDULE

- A. Contingency Allowance: Include the stipulated sum/price of \$500,000 for use upon Owner's instructions.
- B. Access Road Maintenance Allowance: Include the stipulated sum/price of \$250,000 for use to maintain the access road from Eastpark Drive to the neighboring church throughout the duration of construction.
 - 1. This access road is to be open to traffic related to the church as much as possible with shutdowns limited to the shortest duration possible. Shutdowns of this access road are to be coordinated with the Owner to facilitate notice to the church leadership. Maintenance and scheduling are at the discretion of the Contractor.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

END OF SECTION

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**SECTION 012200
UNIT PRICES****PART 1 GENERAL****1.01 SECTION INCLUDES**

- A. List of unit prices, for use in preparing Bids.
- B. Measurement and payment criteria applicable to Work performed under a unit price payment method.

1.02 RELATED REQUIREMENTS

- A. Section 312000-Earth Moving: Criteria for rock excavation and unsuitable soil qualification and quantification.

1.03 COSTS INCLUDED

- A. Unit Prices included on the Bid Form shall include full compensation for all required labor, products, tools, equipment, plant, transportation, services and incidentals; erection, application or installation of an item of the Work; overhead and profit.

1.04 MEASUREMENT OF QUANTITIES

- A. Measurement methods delineated in the individual specification sections complement the criteria of this section. In the event of conflict, the requirements of the individual specification section govern.
- B. Take all measurements and compute quantities. Measurements and quantities will be verified by Owner's Construction Manager (Skanska).
- C. Assist by providing necessary equipment, workers, and survey personnel as required.

1.05 PAYMENT

- A. Payment for Work governed by unit prices will be made on the basis of the actual measurements and quantities of Work that is incorporated in or made necessary by the Work and accepted by the Architect, multiplied by the unit price.
- B. Payment will not be made for any of the following:
 - 1. Products wasted or disposed of in a manner that is not acceptable.
 - 2. Products determined as unacceptable before or after placement.
 - 3. Products not completely unloaded from the transporting vehicle.
 - 4. Products placed beyond the lines and levels of the required Work.
 - 5. Products remaining on hand after completion of the Work.
 - 6. Loading, hauling, and disposing of rejected Products.

PART 2 PRODUCTS - NOT USED**PART 3 EXECUTION - NOT USED****END OF SECTION**

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**SECTION 083323
OVERHEAD COILING DOORS**

PART 1 GENERAL**1.01 SECTION INCLUDES**

- A. Interior non-fire-rated coiling doors.
- B. Electric operators and control stations.
- C. Wiring from electric circuit disconnect to operators and control stations.

1.02 RELATED REQUIREMENTS

- A. Section 099123 - Interior Painting: Field paint finish.
- B. Section 260533.13 - Conduit for Electrical Systems: Conduit from electric circuit to operator and from operator to control station.
- C. Section 260583 - Wiring Connections: Power to disconnect.

1.03 REFERENCE STANDARDS

- A. ASTM A36/A36M - Standard Specification for Carbon Structural Steel; 2019.
- B. ASTM A123/A123M - Standard Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products; 2017.
- C. ASTM A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process; 2023.
- D. FBC TAS 201 - Impact Test Procedures; Testing Application Standard; 1994.
- E. ITS (DIR) - Directory of Listed Products; Current Edition.
- F. NEMA 250 - Enclosures for Electrical Equipment (1000 Volts Maximum); 2020.
- G. NEMA ICS 2 - Industrial Control and Systems Controllers, Contactors and Overload Relays Rated 600 Volts; 2008 (Reaffirmed 2020).
- H. NEMA MG 1 - Motors and Generators; 2021.
- I. UL (DIR) - Online Certifications Directory; Current Edition.
- J. UL 325 - Standard for Door, Drapery, Gate, Louver, and Window Operators and Systems; Current Edition, Including All Revisions.

1.04 SUBMITTALS

- A. See Section 013000 - Administrative Requirements for submittal procedures.
- B. Product Data: Provide general construction, electrical equipment, and component connections and details.
- C. Shop Drawings: Indicate pertinent dimensioning, anchorage methods, hardware locations, and installation details.
- D. Samples: Two slats, 4 inches (101.6 mm) long illustrating shape, color and finish texture.
- E. Manufacturer's Installation Instructions: Indicate installation sequence and procedures, adjustment and alignment procedures.
- F. Manufacturer's qualification statement.
- G. Installer's qualification statement.
- H. Maintenance Data: Indicate lubrication requirements and frequency and periodic adjustments required.

1.05 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum three years of documented experience.

- B. Installer Qualifications: Company specializing in performing work of type specified and with at least three years documented experience.
- C. Products Requiring Electrical Connection: Listed and classified by ITS (DIR), UL (DIR), or testing firm acceptable to authorities having jurisdiction as suitable for purpose specified and indicated.

1.06 WARRANTY

- A. See Section 017800 - Closeout Submittals for additional warranty requirements.
- B. Manufacturer Warranty: Provide 2-year manufacturer warranty for roller shaft counterbalance assembly. Complete forms in Owner's name and register with manufacturer.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Overhead Coiling Metal Doors:
 - 1. C.H.I. Overhead Doors: www.chiohd.com/#sle.
 - 2. Clopay: www.clopaydoor.com/#sle.
 - 3. Overhead Door Corporation: www.overheaddoor.com/#sle.
 - 4. Wayne-Dalton, a Division of Overhead Door Corporation: www.wayne-dalton.com/#sle.
 - 5. Substitutions: See Section 016000 - Product Requirements.

2.02 COILING DOORS

- A. Interior Non-Fire-Rated Coiling Doors: Steel slat curtain.
 - 1. Single Thickness Slats: Manufacturer's standard.
 - 2. Nominal Slat Size: 2 inches (50 mm) wide by required length.
 - 3. Finish: Factory painted, color as selected.
 - 4. Guides, Angles: Galvanized steel.
 - 5. Hood Enclosure: Manufacturer's standard; primed steel.
 - 6. Electric operation.
 - 7. Mounting: Within framed opening.

2.03 MATERIALS

- A. Metal Curtain Construction: Interlocking slats.
 - 1. Curtain Bottom for Slat Curtains: Fitted with angles to provide reinforcement and positive contact in closed position.
 - 2. Weatherstripping for Exterior Doors: Moisture and rot proof, resilient type, located at jamb edges, bottom of curtain, and where curtain enters hood enclosure of all doors.
 - 3. Steel Slats: Minimum thickness, 18 gauge, .04 inch (1.02 mm); ASTM A653/A653M galvanized steel sheet.
- B. Guide Construction: Continuous, of profile to retain door in place with snap-on trim, mounting brackets of same metal.
- C. Guides - Angle: ASTM A36/A36M metal angles, size as required for wind loading.
 - 1. Hot-dip galvanized in compliance with ASTM A123/A123M.
- D. Hood Enclosure and Trim: Internally reinforced to maintain rigidity and shape.

2.04 ELECTRIC OPERATION

- A. Operator, Controls, Actuators, and Safeties: Comply with UL 325; provide products listed by ITS (DIR), UL (DIR), or testing agency acceptable to authorities having jurisdiction.
 - 1. Provide interlock switches on motor operated units.
- B. Electric Operators:
 - 1. Mounting: Side mounted.
 - 2. Motor Enclosure:
 - a. Interior Coiling Doors: NEMA MG 1, Type 1; open drip proof.
 - 3. Motor Rating: 1/3 HP (250 W); continuous duty.

4. Motor Voltage: 120 volts, single phase, 60 Hz.
 5. Motor Controller: NEMA ICS 2, full voltage, reversing magnetic motor starter.
 6. Controller Enclosure: NEMA 250, Type 4.
 7. Opening Speed: 12 inches per second (300 mm/sec).
 8. Brake: Manufacturer's standard type, activated by motor controller.
 9. Manual override in case of power failure.
 10. See Section 260583 for electrical connections.
- C. Control Station: Provide standard three button, 'Open-Close-Stop' momentary-contact control device for each operator complying with UL 325.
1. 24 volt circuit.
 2. Surface mounted, at interior door jamb.
 3. Entrapment Protection Devices: Provide sensing devices and safety mechanisms complying with UL 325.
 - a. Primary Device: Provide electric sensing edge, wireless sensing, NEMA 1 photo eye sensors, or NEMA 4X photo eye sensors as required with momentary-contact control device.
- D. Safety Edge: Located at bottom of coiling door, full width, electro-mechanical sensitized type, wired to stop and reverse door direction upon striking object, hollow neoprene covered.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that adjacent construction is suitable for door installation.
- B. Verify that electrical services have been installed and are accessible.
- C. Verify that door opening is plumb, header is level, and dimensions are correct.
- D. Notify Architect of any unacceptable conditions or varying dimensions.
- E. Commencement of installation indicates acceptance of substrate and door opening conditions.

3.02 INSTALLATION

- A. Install units in accordance with manufacturer's instructions.
- B. Use anchorage devices to securely fasten assembly to wall construction and building framing without distortion or stress.
- C. Securely and rigidly brace components suspended from structure. Secure guides to structural members only.
- D. Fit and align assembly including hardware; level and plumb, to provide smooth operation.
- E. Coordinate installation of electrical service with Section 260583.
- F. Complete wiring from disconnect to unit components.
- G. Install enclosure and perimeter trim.

3.03 TOLERANCES

- A. Maintain dimensional tolerances and alignment with adjacent work.
- B. Maximum Variation From Plumb: 1/16 inch (1.6 mm).
- C. Maximum Variation From Level: 1/16 inch (1.6 mm).
- D. Longitudinal or Diagonal Warp: Plus or minus 1/8 inch per 10 feet (3.2 mm per 3 m) straight edge.

3.04 ADJUSTING

- A. Adjust operating assemblies for smooth and noiseless operation.

3.05 CLEANING

- A. Clean installed components.

- B. Remove labels and visible markings.