

ADDENDUM 02

Date: June 17, 2024

Project: HISTORIC HALIFAX VISITOR CENTER RENOVATION
SCO #: 22-24955-02B

The following (26) items modify, add to, or delete from the contract documents, plans, and specifications for this project. Please acknowledge receipt of this addendum in your proposal. Failure to do so may result in the disqualification of your bid.

ITEM 1: REVISION

See attached for revised Architectural Roof Plan, to be included in IFC set

ITEM 2: ADDITION, PROJECT MANUAL:

Please see below for addition to the schedule of unit prices. Revised Form of Proposal is included as an appendix to this document.

- Unit Price No. 6: Delivery and placement of offsite borrow to replace unsuitable materials (other than topsoil strippings) that cannot be used as structural fill, as approved by Owner's Testing Agency.
 - Description: Earth moving according to Division 31 Section 312000 "Earth Moving."
 - Unit of Measurement: Per Cubic Yard
- Unit Price No. 7: Offsite disposal of unsuitable materials (other than topsoil strippings) that cannot be used as structural fill, as approved by Owner's Testing Agency.
 - Description: Earth moving according to Division 31 Section 312000 "Earth Moving."
 - Unit of Measurement: Per Cubic Yard
- Unit Price No. 8: Excavation below design subgrade of unstable subgrade materials that cannot be improved in place without chemical additives (i.e. lime or cement amendment), as approved by Owner's Testing Agency, and conditioning same subgrade, placement, and compaction.
 - Description: Earth moving according to Division 31 Section 312000 "Earth Moving."
 - Unit of Measurement: Per Cubic Yard

ITEM 3: SUBSTITUTION REQUEST – IB PVC Single Ply 60 Mil

ANSWER: Okay to bid as Equal/Review upon Award – see attached documentation

ITEM 4: SUBSTITUTION REQUEST - LADDERS

ANSWER: Okay to bid as Equal/Review upon Award – see attached documentation

ITEM 5: The shoring shown on the structural plans seem to be pretty straight forward, but the shoring notes on sheet S0.2 mention that the contractor must provide sealed engineered shoring designs. Please confirm if the sealed engineered shoring designs are required.

ANSWER: Engineered shoring design is required

ITEM 6: At the prebid meeting it was mentioned that the roof was last replaced in 2002. Can you confirm that the roof is no longer under warranty? Could you share who the contractor was that installed the roof in 2002?

ANSWER: We do not have that information.

ITEM 7: Is there any concerns with the grave on the plan south side of the building? Are any extra precautions, temporary protection, etc. required to be placed around the grave?

ANSWER: The grave must be protected from all construction activities. It is currently outside the limits of disturbance designated on the Civil plans and is within the area of tree protection for the adjacent tree.

ITEM 8: A prefabricated or mobile unit field office is mentioned in the specs. Is this required or can a field office be set up within the building?

ANSWER: A field office can be set up within the building

ITEM 9: Is construction materials testing the responsibility of the owner?

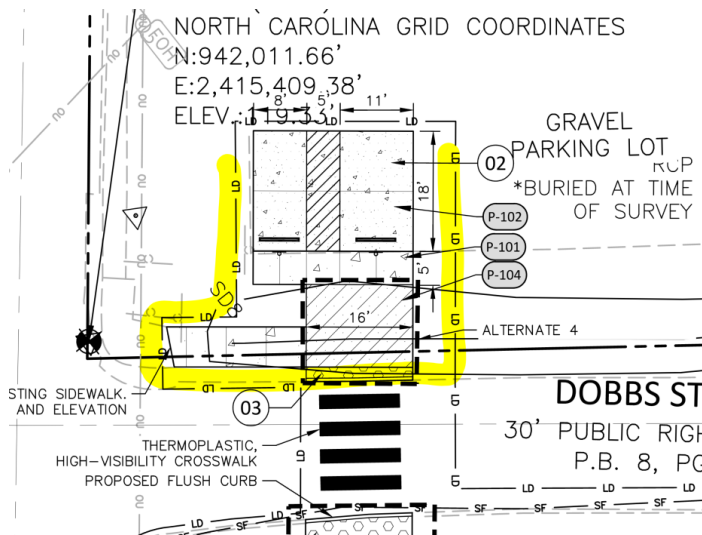
ANSWER: Yes

ITEM 10: Is there a specific layout for the temporary fencing? Or just along the limits of disturbance?

ANSWER: Tree protection and silt fence are shown on C2.00.

ITEM 11: Will any temp fencing be required for the parking lot across the street?

ANSWER: Silt fence is required at the parking lot across the street as highlighted below:



ITEM 12: Confirm PL color at Service Desk Casework (4/A603)

ANSWER: PLAM2

ITEM 13: Is PL2 used at any location? (A121)

ANSWER: Yes, at the Service Desk casework and CW-8 associated with Retail Shelving

ITEM 14: Is CW-8 on A211 to be provided by GC thru casework sub or by others? If by GC will need section and finishes

ANSWER: See 1/A602 for section. Cabinet base to be supplied by GC thru casework sub (PLAM2); adjustable wall-mounted shelving above to be same system as CW-5 – Library Shelving. See Section 105600 – Storage Assemblies.

ITEM 15: Need source for "Clothing Rod" as shown on 3-4/A602

ANSWER: Shelving in room Storage 118 to be fixed steel brackets with hanging rod and/or shelf as shown on Interior Elevations 6-8/A211. Hardware basis of design:

Hanging Storage: Fixed Closet Rod & Shelf Bracket, Knape and Vogt, 1196 Heavy-Duty Series with 1-3/8" diameter round aluminum or wood rod, single length or threaded for continuous run

Open Storage: Fixed Closet Shelf Brackets, Knape and Vogt, 1187 Heavy-Duty Series, 12"

ITEM 16: PL doors at casework to be fabricated with particleboard core as plywood not approved by AWI. Please confirm.

ANSWER: If plywood is not approved, please sub MDF – particleboard core is not approved.

ITEM 17: There is a Card Reader Symbol in the Electrical Symbols on Sheet E001 and an Access Control Panel is called for on Sheets E204 and E303. Please clarify

ANSWER: Card reader is general symbol on Legend and is not used on this project. Security panel is called for on plans and not access control panel. Keypads shown on plans are to activate/deactivate security system.

ITEM 18: Which doors on the project will has access control devices installed.

ANSWER: None, all doors will be keyed.

ITEM 19: What are the Specifications for the Access Control System?

ANSWER: There is no access control system specified.

ITEM 20: Are electric locks by Security Contractor or Division 8?

ANSWER: No electric locks are specified for project. All locks will be keyed.

ITEM 21: Reference drawing E200 room #113 shows (2) type L4 fixtures. The fixture schedule on drawing E400 does not show this fixture. Please clarify.

ANSWER: L4 fixtures (low-voltage display lighting) to be provided and pre-installed inside display case by Exhibit contractor (not in this scope). GC to provide light switch for display lighting and circuit shown on plans to locations shown for L4 (locations are approximate and will need to be coordinated with exhibit design, TBD). Electrical contractor shall make final connection to light fixtures.

ITEM 22: E200 – In Rotating Exhibit 113 there are (2) type L4 fixtures. These fixtures are not listed in the fixture schedule. Can you provide information for the fixture.

ANSWER: See response to above item.

ITEM 23: What size recorder or server is required to support the CCTV camera.

ANSWER: Refer to Specifications 282300_2.4_A for requirements of network video recorder.

ITEM 24: Is the security tying into an existing system or is all new head end equipment to be provided.

ANSWER: All new equipment is to be provided for security system.

ITEM 25: The telecom symbol on E001 states 1" conduit to IT room 122. E201 keyed note 7 states to extend conduit 12" above wall and provide bushing on end of conduit also, keyed note 12a states the same thing for AV. Is the conduit for tele/data and AV hard piped back to the IT room/AV rack or is it stubbed above the ceiling.

ANSWER:

Sheet E001: Revise telecom symbol description to read, 1" conduit stubbed 12" above wall with bushings on end

Sheet E201: Provide conduit stubbed up per Keyed Notes 7 and 12A.

Sheet E204: Provide conduit per plan notes. Keyed Note 1 calls for conduit to be stubbed up into ceiling above wall. AV devices in Multipurpose 107 shall have conduit installed per plan designations.

ITEM 26: A211 elevations 6-8 show rod and melamine shelf units in the dressing room storage however specification 105600 Storage Assemblies does not list any rod and shelf style storage. What is the basis of design for this storage assembly as the listed manufacturer (Rakks) does not have rod and shelf style solutions.

ANSWER: Shelving in room Storage 118 to be fixed steel brackets with hanging rod and/or shelf as shown on Interior Elevations 6-8/A211. Hardware basis of design:

Hanging Storage: Fixed Closet Rod & Shelf Bracket, Knappe and Vogt, 1196 Heavy-Duty Series with 1-3/8" diameter round aluminum or wood rod, single length or threaded for continuous run

Open Storage: Fixed Closet Shelf Brackets, Knappe and Vogt, 1187 Heavy-Duty Series, 12"

FLOOR PLAN / REFLECTED CEILING PLAN GENERAL NOTES

- 1-1. THE GENERAL CONTRACTOR (OR CMAR) AND ALL SUB-CONTRACTORS ARE RESPONSIBLE FOR REVIEWING AND COORDINATING THEIR WORK WITH ALL OF THE CONTRACT DOCUMENTS PRIOR TO BEGINNING ANY WORK ON SUBMITTALS, SHOP DRAWINGS, FABRICATION, OR INSTALLATION. OMISSIONS OR CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT BY THE GENERAL CONTRACTOR (OR CMAR) IN WRITING AND SHALL BE RESOLVED WITH THE ARCHITECT IN WRITING PRIOR TO PROCEEDING WITH THE WORK OR RELATED WORK.
- 1-2. THE GENERAL CONTRACTOR (OR CMAR) AND ALL SUB-CONTRACTORS ARE RESPONSIBLE FOR COORDINATING THEIR WORK WITH ALL OWNER'S VENDORS INCLUDING, BUT NOT LIMITED TO, TELECOMMUNICATIONS, AUDIOVISUAL AND SECURITY SYSTEMS. ANY CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF CONTRACT DOCUMENTS AND THE OWNER 'S VENDORS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT BY THE GENERAL CONTRACTOR (OR CMAR) IN WRITING AND SHALL BE RESOLVED WITH THE ARCHITECT IN WRITING PRIOR TO PROCEEDING WITH THE WORK OR RELATED WORK.
- 1-3. EXISTING CONDITIONS FOR THE BUILDING AND/OR SITE AS REPRESENTED IN THE CONTRACT DOCUMENTS ARE NOT GUARANTEED. PRIOR TO BEGINNING ANY WORK ON SUBMITTALS, SHOP DRAWINGS, FABRICATION, OR INSTALLATION, THE GENERAL CONTRACTOR (OR CMAR) AND ALL SUB-CONTRACTORS ARE RESPONSIBLE FOR INVESTIGATING AND VERIFYING THE EXISTENCE AND LOCATION OF EXISTING CONSTRUCTION AFFECTING THE WORK INCLUDING, BUT NOT LIMITED TO, UNDERGROUND UTILITIES, EXISTING BUILDING SYSTEMS, FLOOR ELEVATIONS, AND OTHER STRUCTURAL OR BUILDING DATUMS.
- 2-1. ALL DIMENSIONS ARE TO FINISHED FACE OF WALL UNLESS OTHERWISE NOTED.
- 2-2. WALLS SHOWN TO ALIGN ARE TO HAVE FINISHED FACES ALIGN UNLESS NOTED OTHERWISE.
- 2-3. IF PROVIDED, REFER TO ENLARGED PLANS AND PLAN DETAILS FOR ADDITIONAL INFORMATION AND DIMENSIONS.
- 2-4. LOCATIONS OF ALL DEVICES AND FIXTURES DIMENSIONED, NOTED OR OTHERWISE DESCRIBED ARE EXACT. ALL NEW FRAMING MUST ACCOMMODATE THESE LOCATIONS.
- 2-5. ANY DIMENSIONS OF OR TYING INTO EXISTING BUILDING COMPONENTS ARE TO BE FIELD-VERIFIED PRIOR TO COMMENCEMENT OF WORK. VERIFY WITH ARCHITECT.
- 3-1. TYPICAL DETAILS SHOWN ON THE DRAWINGS SHALL BE INCORPORATED AT ALL APPROPRIATE LOCATIONS WHETHER OR NOT SPECIFICALLY REFERENCED AT EACH LOCATION.
- 3-2. THE GENERAL CONTRACTOR (OR CMAR) IS RESPONSIBLE FOR ANY REQUIRED DEMOLITION, TEMPORARY SUPPORT OF, AND/OR DAMAGE TO NEW OR EXISTING STRUCTURE DURING CONSTRUCTION. ANY UTILITY LINES, PIPING, EQUIPMENT, FINISHES, OR ANY OTHER PORTIONS OF THE EXISTING BUILDING OR NEW CONSTRUCTION DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED AND/OR REPLACED AT THE ARCHITECT'S DIRECTION AT THE EXPENSE OF THE RESPONSIBLE CONTRACTOR.
- 3-3. THE GENERAL CONTRACTOR (OR CMAR) IS TO COORDINATE, PROVIDE, AND INSTALL CONCEALED BLOCKING FOR ALL WALL- AND CEILING-MOUNTED ITEMS INCLUDING, BUT NOT LIMITED TO, HAND RAILS, GRAB BARS, CABINETS, AND OTHER CASEWORK, EQUIPMENT, OWNER- AND/OR VENDOR-PROVIDED ITEMS, ETC. BLOCKING IS TO BE FIRE-RETARDANT WOOD OR 20ga METAL WITH A FLAME SPREAD AND SMOKE DEVELOPMENT RATING <25 IF THE PROJECT IS IDENTIFIED AS A TYPE 1 OR TYPE 2 BUILDING IN THE CODE SUMMARY.
- 3-4. CONDUIT, WIRING, OR PIPING SHALL BE ROUTED SUCH THAT IT MAY BE CONCEALED WHEREVER POSSIBLE UNLESS SPECIFICALLY NOTED OTHERWISE. ANY CONDUIT, WIRING, OR PIPING THAT CANNOT BE ROUTED IN A CONCEALED MANNER MUST BE IDENTIFIED BY THE GENERAL CONTRACTOR AND REVIEWED AND COORDINATED W/ ARCHITECT PRIOR TO COORDINATION DRAWINGS (IF REQUIRED) OR INSTALLATION (IF COORDINATION DRAWINGS ARE NOT REQUIRED).
- 3-5. IN AREAS OF HARD CEILING, BUILDING SYSTEMS SHALL BE CONFIGURED TO MINIMIZE REQUIRED ABOVE-CEILING ACCESS. THE LOCATION OF ALL ACCESS DOORS MUST BE COORDINATED WITH AND APPROVED BY THE ARCHITECT PRIOR TO THE INSTALLATION OF ANY ABOVE-CEILING EQUIPMENT, DAMPERS, VALVES, JUNCTION BOXES, ETC. ACCESS DOORS SHALL BE PROVIDED AND INSTALLED FOR ANY WORK THAT REQUIRES ABOVE-CEILING ACCESS. ADDITIONALLY, ANY ACCESS DOORS OR PANELS REQUIRED IN WALLS MUST BE COORDINATED WITH AND APPROVED BY THE ARCHITECT PRIOR TO THE INSTALLATION OF ANY EQUIPMENT REQUIRING ACCESS.
- 3-6. ALL FRAMING, SOUND ATTENUATION, AND GYP BOARD FOR NON-RATED SOUND-ATTENUATED WALLS SHALL CONTINUE TO THE UNDERSIDE OF DECK UNLESS SPECIFICALLY NOTED OTHERWISE. GYP BOARD SHALL BE SEALED TO DECK AT EACH FACE WITH JOINT COMPOUND, SEALANT, AND/OR EXPANDING FOAM (ACCEPTABLE ONLY IN CONCEALED CONDITIONS). ANY REQUIRED PIPE, DUCT, OR WIRING PENETRATIONS SHALL BE SEALED AS DESCRIBED ABOVE.
- 3-7. UNLESS SPECIFICALLY NOTED OTHERWISE, ALL ACT CEILING GRIDS SHALL BE CENTERED WITHIN EACH ROOM OR SPACE WITH NO CUT PERIMETER TILES TO BE <6".
- 3-8. ALL ELECTRICAL, CATV, AND TELEDATA OUTLETS TO BE LOCATED 16" O.C. ABOVE FINISH FLOOR UNLESS NOTED OTHERWISE. ALL ELECTRICAL FIXTURES AT KITCHEN COUNTERS AND BATHROOM VANITIES TO BE LOCATED 46" O.C. ABOVE FINISHED FLOOR UNLESS NOTED OTHERWISE. ALL ELECTRICAL SWITCHES, THERMOSTATS, AND OTHER CONTROL DEVICES TO BE CENTERED 46" O.C. ABOVE FINISHED FLOOR UNLESS NOTED OTHERWISE.
- 3-9. UNLESS DIMENSIONED OR OTHERWISE NOTED, SET THE NEAREST EDGE OF SWITCHPLATES 24" FROM THE CENTER OF DOOR OPENINGS. AT ALL LOCATIONS WHERE MULTIPLE SWITCHES ARE SHOWN, THEY SHOULD BE GANGED UNLESS SPECIFICALLY NOTED OTHERWISE. IN ANY LOCATIONS WITH MULTIPLE DEVICES (ELECTRICAL OUTLETS, ELECTRICAL SWITCHES, HORNSTROBES, EMERGENCY LIGHTS, ETC), ALL DEVICES ARE TO BE CENTERED ON A VERTICAL AXIS UNLESS SPECIFICALLY NOTED OTHERWISE.
- 3-10. ACOUSTICAL INSULATION NOT SHOWN FOR CLARITY. REFER TO PARTITION TYPES FOR LOCATION OF ACOUSTICAL INSULATION.
- 3-11. ALL HINGE SIDE DOOR JAMBS TO BE LOCATED 4" FROM ADJACENT WALL U.N.O.

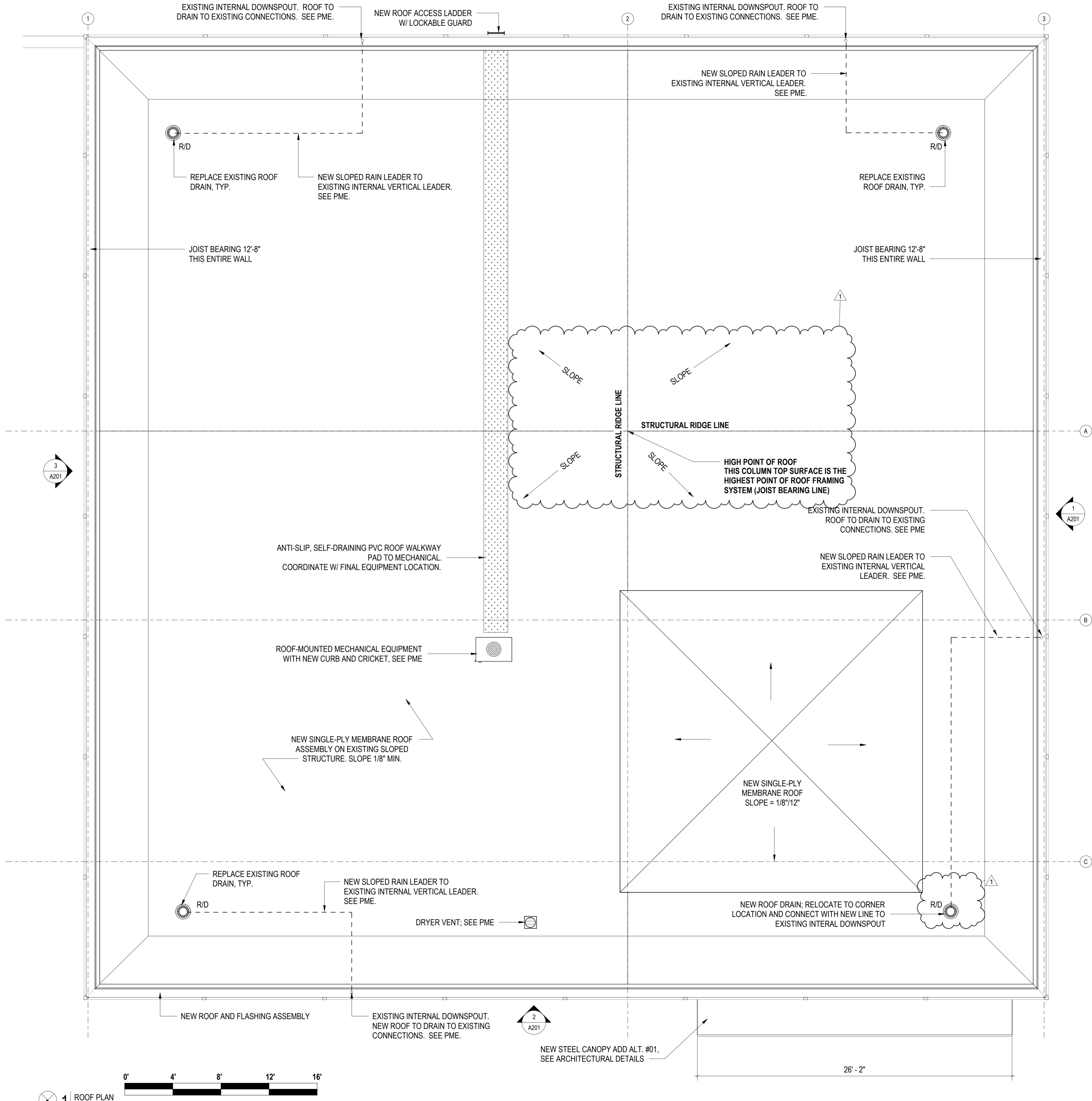
- 4-1. SEE G001 FOR ADDITIONAL NOTES, SYMBOLS AND ABBREVIATIONS
- 4-2. SEE G000 FOR ADD. ALTERNATES AND PARTITION SCHEDULE
- 4-3. SEE ELECTRICAL LIGHTING PLAN FOR TRACK HEAD COUNTS

ROOF PLAN LEGEND

- WALKPAD
- SOIL VENT
- VENTILATOR
- ROOF DRAIN
- OVERFLOW ROOF DRAIN
- SLOPE
- TAPERED INSULATION
- OVERFLOW SCUPPER

PARTITION LEGEND

- KEYNOTE
- EXISTING CONSTRUCTION TO REMAIN
- UNRATED WALL
- PARTITION TYPE
- 2-HOUR FIRE BARRIER



CLEARSCAPES
ARCHITECTURE + ART
<http://www.clearscapes.com/>
501 S Person St.
Raleigh, NC 27601
(919) 821-2775
(919) 821-0804 Fax
atar@clearscapes.com

CONSULTANTS

Structural

Kaydos-Daniels Engineers, PLLC
<https://www.kaydos-daniels.com>
400-201 W Morgan St
Raleigh, NC
919-828-4966

MEP Engineer

Sigma Engineered Solutions, PC
<https://www.sigmas.com>
5909 Falls of Neuse Rd, Suite 101
Raleigh, NC
919-840-9300

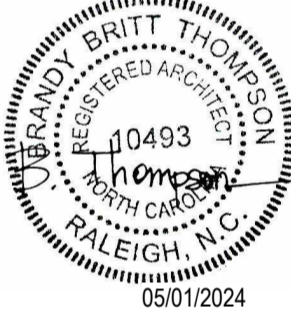
Civil Engineer

McAdams
<https://mcadamsco.com>
621 Hillsborough St. Ste 500
Raleigh, NC
919-361-5000

A/E

KONTEK Systems
<https://www.kontek.com>
604 N. Duke St
Durham, NC
919-680-4321

SEALS



BID DOCUMENTS
05.01.2024

PROJECT

**HALIFAX VISITOR
CENTER
RENOVATION**

SC08: 22-24955-02B
25 ST DAVID ST., HALIFAX, NC

REVISIONS

No.	Description	Date
1	Addendum 02	June 17, 2024

PROJECT DATA

DATE: 05.01.2024
DRAWN: ELM
CHECKED: MC
PROJECT NO: 2022_0360
PRINTING: BID DOCUMENTS

SHEET DATA

ROOF PLAN

SHEET NO.

A102

SUBSTITUTION REQUEST

(During the Bidding/Negotiating Phase)

SUBMITTED BY:



PROJECT: _____ SUBSTITUTION REQUEST NUMBER: _____

FROM: _____
TO: _____ DATE: _____

A/E PROJECT NUMBER: _____
RE: _____ CONTRACT FOR: _____

SPECIFICATION TITLE: _____ DESCRIPTION: _____
SECTION: _____ PAGE: _____ ARTICLE/PARAGRAPH: _____

PROPOSED SUBSTITUTION: _____
MANUFACTURER: _____ ADDRESS: _____ PHONE: _____
TRADE NAME: _____ MODEL NO.: _____

Attached data includes product description, specifications, drawings, photographs, and performance and test data adequate for evaluation of the request; applicable portions of the data are clearly identified.
Attached data also includes a description of changes to the Contract Documents that the proposed substitution will require for its proper installation.

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.

SUBMITTED BY: _____
SIGNED BY: _____
FIRM: _____
ADDRESS: _____
TELEPHONE: _____

A/E's REVIEW AND RECOMMENDATION:

- ☐ Approve Substitution—Make submittals in accordance with Specification Section 01 33 00 Submittal Procedures.
- ☐ Approve Substitution as noted—Make submittals in accordance with Specification Section 01 33 00 Submittal Procedures.
- ☐ Reject Substitution—Use specified materials.
- ☐ Substitution Request received too late—Use specified materials.

SIGNED BY: _____ DATE: _____

SUPPORTING DATA ATTACHED: ☐ Drawings ☐ Product Data ☐ Samples ☐ Tests ☐ Reports ☐ _____

PRODUCT ALTERNATE REQUEST

To:	Clearscapes, PA	From:	IB Roof Systems Architectural Services Group
		Project ID#:	22-24955-02B
ATTN:	Brandy Thompson	IBRS File Number:	SPR-24-000264
RE:	25 St David St Halifax, North Carolina 27839	Specified Product(s):	Carlisle , GAF , Johns Manville
		IB Proposed Product:	IB PVC Single Ply 60 Mil
Owner:	North Carolina Department of Natural and Cultural Resources	Bid Date: 06/20/2024	Roof Size: Sq.Ft.

IB Roof Systems is submitting for your review the IB Roofing Materials listed on the accompanying attachment(s), and hereby requests that said Product(s) and related materials be accepted as an acceptable alternate to the corresponding products for the above referenced project.

Attached data includes product description, performance and test data adequate for evaluation of the request; applicable portions of the data are clearly identified.

The undersigned Certifies:

- Proposed material substitution is functionally equivalent to the specified product as indicated in the accompanying table.
- The same or longer warranty term will be furnished for proposed alternate as for the specified product unless stated otherwise in accompanying notation(s).
- The same material and source of replacement parts, as applicable, will be reasonably available in the project area.
- Proposed alternate will have no adverse effect on other trades and will not affect or delay progress schedule.
- Proposed alternate does not affect dimensions and functional clearances unless otherwise stated on accompanying notation(s).

Submitted by:	IB ROOF SYSTEMS - TECHNICAL SERVICES
Signed by:	Chaz Mock
Address:	506 E. Dallas Rd #300, Grapevine, TX 76051
Phone:	(800) 426-1626
Fax:	(541) 610-6608
	chaz.mock@ibroof.com
Email:	

Signature: Chaz Mock

Date: 06/12/2024

PLEASE RETURN VIA EMAIL @ technical@ibroof.com or FAX @ 541-610-6608

IB PVC Roof Systems - A Better Choice - Discover the Difference

IB PVC Roof Systems, A Better Choice - For more than 40 years, IB Roof Systems has been producing complete PVC Single-Ply membrane roofing solutions for low-sloped roofing applications - with easier installation, less time and labor costs, longest warranty, lowest maintenance, and most durable membrane, coupled with the best technical and product support team - IB Roof Systems is the right choice.

Discover the Difference - At IB Roof Systems we believe that there are **three guiding principles** that lead us every day while we strive to be the **Industry's Best**... those principles are **Quality Products, Exceptional Service, and Technical Expertise**.

- **Quality Products** - When seeking a product to protect your building assets for the long term, IB Roof Systems is dedicated to providing you with a proven, sustainable, and quality product. Contractors and design professionals comfortably and confidently select IB products because of their performance, reliability, and longevity. That translates into architects, engineers, and building owners across the country who have been able to rest assured that their IB roofs are providing protection. To meet that high standard of performance, you need to have a strong and reliable base that begins with the formulation of the product. IB Roof Systems has stayed true to its Industry's Best name enduring time and performance with a proven formula and calendared film, non-extrusion lamination process since 1978 by utilizing only the highest quality polymers, plasticizers, fire retardants, and UV stabilizers available to ensure a highly flexible and durable PVC membrane. IB Roof Systems offers standard smooth PVC (IB PVC Single-Ply) and standard fleece back PVC (IB PVC Single-Ply FB) meeting ASTM D 4434 Type III or PVC with Elvaloy® (IB PVC Single-Ply ChemGuard™) meeting ASTM D 4434 Type III which is a specially designed chemical resistant CPA membrane that was developed for airport, industrial, and restaurant applications.
- **Exceptional Service** - Customer service is a staple of IB Roof Systems. We are dedicated to providing an experience unlike any other for our customers. We work hard to ensure that we give the personalized attention needed so that every project ends with a positive experience. This experience begins with the initial phone call to one of our inside sales or technical services representatives. You will be speaking with a highly knowledgeable individual who will be able to provide the answers and resolutions to your roofing needs. Regardless of whether you have a highly specialized commercial project or a residential property that needs the best kind of protection and/or performance available, IB Roof Systems can accommodate your needs. Our team can customize flashings to fit most penetrations and roof conditions. We even work in conjunction with the sales representative/building owner to customize a special color for your roof.
- **Technical Expertise** - IB Roof Systems strives to provide installing contractors, design professionals, and building owners with exceptional technical assistance. We are here to provide you with all the tools that you need to complete a successful project. We offer highly trained field technical representatives providing invaluable expertise to the contractor through job-starts, interim, and final inspections to ensure quality installation.
- **Pioneering since 1978** - IB Roof Systems has been a pioneer in the low-slope roofing industry. We were the first to create pre-formed flashings and edge details and the first to introduce a Lifetime Residential Warranty. Our Total System No-Dollar-Limit Warranties range from 15-30 years depending on membrane thickness and system configuration. We have set the standard for other manufacturers to follow. Today we continue to lead the industry with new innovations and proven products. IB Roof Systems is the right choice.

We appreciate your consideration of IB Roof Systems and look forward to putting our service, technical expertise, and premium products to work for you. Call and speak to a knowledgeable roofing industry professional today, toll-free 800-426-1626 or visit our website at www.ibroof.com.

IB Roof System Specification:

Warranty: 15 (Fifteen) Year Total System NDL Warranty

Section	Subsection	Specified Description / ASTM Standard	Proposed IB Roof System / Product
75423	2.2 A.	TPO Sheet	IB Single-Ply PVC 60 Mil PVC 60 mil membrane meeting ASTM D4434-12, Type III. 28-mil top weathering film and an anti-wicking polyester scrim for added strength, tear resistance, and enhanced moisture resistance. Approvals: UL, FM , FBC, and ICC. White SRI: 110; 91 (3-Year).
75423	2.3 B.	Sheet Flashing	IB Single-Ply PVC 60 Mil PVC 60 mil membrane meeting ASTM D4434-12, Type III. 28-mil top weathering film and an anti-wicking polyester scrim for added strength, tear resistance, and enhanced moisture resistance. Approvals: UL, FM , FBC, and ICC. White SRI: 110; 91 (3-Year).
75423	2.3 D.	Bonding Adhesive	IB Water Borne Adhesive Water based adhesive designed specifically for horizontal bonding applications of IB Membranes to approved insulations, cover boards and decking materials. IB Water Borne Adhesive is user friendly and ideal for fully adhered roofing applications.
75423	2.3 G.	Fasteners	IB Fasteners and Plates As specified to meet wind uplift and IB requirements
75423	2.3 H.	Miscellaneous Accessories	IB Miscellaneous Accessories Includes one or more of the following: Inside & Outside Corners, T-Joint Patches, IB Cover Strip, IB Pitch Pans, IB Clad Metal Scupper, Membrane Vents, & Preformed Cones) Made from same material as IB PVC membranes. Metal is made from PVC clad metal.
75423	2.4 A.	Vapor Retarder	IBBarrier SA Membrane Self-adhesive membrane composed of SBS modified bitumen on a bottom surface and a tri-laminated woven polyethylene facer. 31 mils thick. Used in conjunction with IBBarrier Primer or IBBarrier Primer LV for bond enhancing primer.
75423	2.5 B.	Roof Insulation	IB ENERGY BOARD II (supplied by Atlas or Hunter) Closed cell, polyiso foam core laminated to a non-asphaltic fiber-reinforced organic facer. Meets ASTM C1289, Type II, Class 1. FS HH-I-1972/GEN and HH-I-1972/2 (20 psi) or Grade 3 (25 psi).
75423	2.5 C.	Tapered Insulation	IB ENERGY BOARD II TAPERED (supplied by Atlas or Hunter) Closed cell, polyiso foam core laminated to a non-asphaltic fiber-reinforced organic facer. Provided in a tapered panel to provide positive slope. Meets ASTM C1289, Type II, Class 1. FS HH-I-1972/GEN and HH-I-1972/2 (20 psi) or Grade 3 (25 psi).
75423	2.6 C.	Insulation Adhesive	Millennium PG-1 Pump Grade Adhesive Two-component, polyurethane foam adhesive designed to adhere IB approved insulation, cover and thermal barrier boards to a variety of substrates in new and re-roof applications. As specified to meet wind uplift and IB requirements.

75423	2.6 D.	Glass-Mat Gypsum Cover Board	USG Securock® Gypsum-fiber Roof Board Gypsum panel, manufactured to conform to ASTM C1278. Thickness 1/4" or 1/2" as specified.
-------	--------	---------------------------------	---

Notes: Thank you for considering IB Roof Systems! Our IB Representative(s) contacts are:

Specifier Contact: Rob Cox, 3369443376, robert.cox@ibroof.com

Project Location Contact: Rob Cox, 3369443376, robert.cox@ibroof.com

Owner Location Contact: Rob Cox, 3369443376, robert.cox@ibroof.com

A/E Review and Action

Project: Historic Halifax Visitor Center Renovation

Project Address: 25 St David St, Halifax, North Carolina, 27839

Project ID: 22-24955-02B

IBRS File Number: SPR-24-000264

☐

Alternate Accepted

☐

Alternate Accepted as Noted

☐

Okay to bid as Equal/Review upon Award

☐

Alternate Rejected

☐

Received too Late

☐

Other: _____

FORM OF PROPOSAL

Historic Halifax Visitor's Center Renovation
NC Dept. of Natural & Cultural Resources
SCO-ID # 22-24955-02B

Contract: _____
Bidder: _____
Date: _____

The undersigned, as bidder, hereby declares that the only person or persons interested in this proposal as principal or principals is or are named herein and that no other person than herein mentioned has any interest in this proposal or in the contract to be entered into; that this proposal is made without connection with any other person, company or parties making a bid or proposal; and that it is in all respects fair and in good faith without collusion or fraud. The bidder further declares that he has examined the site of the work and the contract documents relative thereto, and has read all special provisions furnished prior to the opening of bids; that he has satisfied himself relative to the work to be performed. The bidder further declares that he and his subcontractors have fully complied with NCGS 64, Article 2 in regards to E-Verification as required by Section 2.(c) of Session Law 2013-418, codified as N.C. Gen. Stat. § 143-129(j).

The Bidder proposes and agrees if this proposal is accepted to contract with the State of North Carolina through the Department of Natural and Cultural Resources in the form of contract specified below, to furnish all necessary materials, equipment, machinery, tools, apparatus, means of transportation and labor necessary to complete the construction of A Level III alteration of the existing Visitor Center, including expansion into the existing enclosed, exterior courtyard. The building construction is Type II-B, Occupancy Group A-3. The work includes storefront replacement, roof replacement, new toilet rooms and plumbing fixtures, new interior partitions and finishes and new electrical and mechanical equipment and fixtures throughout. Site work includes minor grading and drainage work, accessibility improvements, planting and resurfacing.

in full in complete accordance with the plans, specifications and contract documents, to the full and entire satisfaction of the State of North Carolina, and the Department of Natural and Cultural Resources with a definite understanding that no money will be allowed for extra work except as set forth in the General Conditions and the contract documents, for the sum of:

SINGLE PRIME CONTRACT:

Base Bid: _____ Dollars(\$)

General Subcontractor:
_____ Lic _____

Plumbing Subcontractor:
_____ Lic _____

Mechanical Subcontractor:
_____ Lic _____

Electrical Subcontractor:
_____ Lic _____

GS143-128(d) requires all single prime bidders to identify their subcontractors for the above subdivisions of work. A contractor whose bid is accepted shall not substitute any person as subcontractor in the place of the subcontractor listed in the original bid, except (i) if the listed subcontractor's bid is later determined by the contractor to be non-responsive or non-responsive or the listed subcontractor refuses to enter into a contract for the complete performance of the bid work, or (ii) with the approval of the awarding authority for good cause shown by the contractor.

ALTERNATES:

Should any of the alternates as described in the contract documents be accepted, the amount written below shall be the amount to be "added to" or "deducted from" the base bid. (Strike out "Add" or "Deduct" as appropriate.)

GENERAL CONTRACT:

Alternate No. G-1 Main Entry Custom Fabricated Steel Canopy with High Performance Coating.

(Add) _____ Dollars(\$)

Alternate No. G-2 Staff Entry Steel and Wood Trellis with High Performance Coating.

(Add) _____ Dollars(\$)

Alternate No. G-3 Garden Steel and Wood Trellis with High Performance Coating.

(Add) _____ Dollars(\$)

Alternate No. G-4 Custom Graphic Paver Pattern.

(Add) _____ Dollars(\$)

PLUMBING CONTRACT:

Alternate No. P-1 (Brief Description)

(Add) (Deduct) _____ Dollars(\$)

HVAC CONTRACT:

Alternate No. H-1 (Brief Description)

(Add) (Deduct) _____ Dollars(\$)

ELECTRICAL CONTRACT:

Alternate No. E-1 (Brief Description)

(Add) (Deduct) _____ Dollars (\$)

UNIT PRICES

Unit prices quoted and accepted shall apply throughout the life of the contract, except as otherwise specifically noted. Unit prices shall be applied, as appropriate, to compute the total value of changes in the base bid quantity of the work all in accordance with the contract documents.

GENERAL CONTRACT:

No. 1 <u>Excavation & Backfill Related to Waterproofing Repair & Replacement</u>	<u>(Unit)</u>	Unit Price (\$)_____
No. 2 <u>Waterproofing Repair and Replacement</u>	<u>(Unit)</u>	Unit Price (\$)_____
No. E-3 <u>Exit Sign</u>	<u>(Unit)</u>	Unit Price (\$)_____
No. E-4 <u>Photoelectric Smoke Detector</u>	<u>(Unit)</u>	Unit Price (\$)_____
No. E-5 <u>Emergency Light</u>	<u>(Unit)</u>	Unit Price (\$)_____
No. 6: <u>Delivery and placement of offsite borrow to replace unsuitable materials (other than topsoil strippings) that cannot be used as structural fill, as approved by Owner's Testing Agency.</u>	<u>(Unit)</u>	Unit Price (\$)_____
No. 7: <u>Offsite disposal of unsuitable materials (other than topsoil strippings) that cannot be used as structural fill, as approved by Owner's Testing Agency.</u>	<u>(Unit)</u>	Unit Price (\$)_____
No. 8: <u>Excavation below design subgrade of unstable subgrade materials that cannot be improved in place without chemical additives (i.e. lime or cement amendment), as approved by Owner's Testing Agency, and conditioning same subgrade, placement, and compaction.</u>	<u>(Unit)</u>	Unit Price (\$)_____

PLUMBING CONTRACT:

No. 1 <u>(Brief Description)</u>	<u>(Unit)</u>	Unit Price (\$)_____
----------------------------------	---------------	----------------------

HVAC CONTRACT:

No. 1 <u>(Brief Description)</u>	<u>(Unit)</u>	Unit Price (\$)_____
----------------------------------	---------------	----------------------

ELECTRICAL CONTRACT:

No. 1 <u>(Brief Description)</u>	<u>(Unit)</u>	Unit Price (\$)_____
----------------------------------	---------------	----------------------

The bidder further proposes and agrees hereby to commence work under this contract on a date to be specified in a written order of the designer and shall fully complete all work thereunder within the time specified in the Supplementary General Conditions Article 23. Applicable liquidated damages amount is also stated in the Supplementary General Conditions Article 23.

MINORITY BUSINESS PARTICIPATION REQUIREMENTS

Provide with the bid - Under GS 143-128.2(c) the undersigned bidder shall identify **on its bid** (Identification of Minority Business Participation Form) the minority businesses that it will use on the project with the total dollar

value of the bids that will be performed by the minority businesses. **Also** list the good faith efforts (Affidavit **A**) made to solicit minority participation in the bid effort.

NOTE: A contractor that performs all of the work with its own workforce may submit an Affidavit (**B**) to that effect in lieu of Affidavit (**A**) required above. The MB Participation Form must still be submitted even if there is zero participation.

After the bid opening - The Owner will consider all bids and alternates and determine the lowest responsible, responsive bidder. Upon notification of being the apparent low bidder, the bidder shall then file within 72 hours of the notification of being the apparent lowest bidder, the following:

An Affidavit (**C**) that includes a description of the portion of work to be executed by minority businesses, expressed as a percentage of the total contract price, which is equal to or more than the 10% goal established. This affidavit shall give rise to the presumption that the bidder has made the required good faith effort and Affidavit **D** is not necessary;

*** OR ***

If less than the 10% goal, Affidavit (**D**) of its good faith effort to meet the goal shall be provided. The document must include evidence of all good faith efforts that were implemented, including any advertisements, solicitations and other specific actions demonstrating recruitment and selection of minority businesses for participation in the contract.

Note: Bidders must always submit with their bid the Identification of Minority Business Participation Form listing all MB contractors, vendors and suppliers that will be used. If there is no MB participation, then enter none or zero on the form. Affidavit A **or** Affidavit B, as applicable, also must be submitted with the bid. Failure to file a required affidavit or documentation with the bid or after being notified apparent low bidder is grounds for rejection of the bid.

Proposal Signature Page

The undersigned further agrees that in the case of failure on his part to execute the said contract and the bonds within ten (10) consecutive calendar days after being given written notice of the award of contract, the certified check, cash or bid bond accompanying this bid shall be paid into the funds of the owner's account set aside for the project, as liquidated damages for such failure; otherwise the certified check, cash or bid bond accompanying this proposal shall be returned to the undersigned.

Respectfully submitted this day of _____

(Name of firm or corporation making bid)

WITNESS:

(Proprietorship or Partnership)

By: _____
Signature

Name: _____
Print or type

Title _____
(Owner/Partner/Pres./V.Pres)

Address _____

ATTEST:

By: _____

Title: _____
(Corp. Sec. or Asst. Sec. only)

License No. _____

Federal I.D. No. _____

Email Address: _____

(CORPORATE SEAL)

Addendum received and used in computing bid:

Addendum No. 1 _____ Addendum No. 3 _____ Addendum No. 5 _____ Addendum No. 6 _____

Addendum No. 2 _____ Addendum No. 4 _____ Addendum No. 6 _____ Addendum No. 7 _____