

ADDENDUM NO. 01

ISSUE DATE: **October 31, 2023**

PROJECT: **Davidson-Davie Community College**
Love Building Exterior Brick Repair Design
297 Davidson Community College Road, Thomasville, North Carolina
SCO ID#: 22-25618-01A
Atlas Engineering Job No. J2697

FROM: **Allison Vassily, EI - Atlas Engineering, Inc.**

TO (via email): Keith Raker – Davidson-Davie Community College
Pre-Bid Meeting Attendees and Additional Designated Representatives
Contractors/Manufacturers Holding Bid Documents

This addendum forms a part of the Contract Documents titled “Love Building Exterior Brick Repair Design”, dated October 2023. **Acknowledge receipt of this Addendum in the space provided on the bottom of the signature page of the Form of Proposal.** Failure to do so may subject the Bidder to disqualification.

This addendum consists of 3 pages with 19 pages of attachments, totaling 22 pages.

CORRECTION TO FINAL COMPLETION DATE:

The Final Completion date listed in the Project Manual contained a typo in the year.

This change results in changes to the following Project Manual Sections:

REVISION TO ARTICLE 23 SUPPLEMENTARY GENERAL CONDITIONS:

Article 23 shall now state:

“The Contractor shall commence work to be performed under this Contract on a Notice to Proceed (NTP) date to be specified in written order from the Designer and Owner. The Notice to Proceed date will be determined following execution of the construction contracts. Anticipated Notice to Proceed date is January 1, 2024. The Contractor shall fully complete all work hereunder within **220** consecutive calendar days from the Notice to Proceed for the contracted work. The College’s commencement is scheduled for the weekend of May 11th-13th. Contractor may NOT mobilize to site prior to May 13, 2024. All work must be completed by August 8, 2024, to accommodate the start of the Fall Semester. The Final Completion date is set at August 8, 2024. Final Completion shall be defined as the completion of the work including the completion of any “punch list” items identified during final inspection walkthroughs by the Owner’s representative and Designer. Work on punch list items that are remaining at the Love Building after August

8 shall be performed on nights between 11:00 pm and 7:00 am, or on weekends. This remaining punch list work shall be coordinated with the Owner. All scaffolding must be removed from the site by the date of Final Completion. Any remaining work that must be performed after final completion must be done from lifts at no additional cost to the Owner.”

REVISION TO SECTION 010100-1.04A CONTRACT TIME AND SCHEDULING

This section shall now state:

“The contract time from the Notice to Proceed to Final Completion for Base Bid work is 220 days. Anticipated Notice to Proceed date is January 1, 2024. The College’s commencement is scheduled for the weekend of May 11th-13th. Contractor may NOT mobilize to site prior to May 13, 2024. All work must be completed by August 8, 2024, to accommodate the start of the Fall Semester. The Final Completion date is set at August 8, 2024. Final Completion shall be defined as the completion of the work including the completion of any “punch list” items identified during final inspection walkthroughs by the Owner’s representative and Designer. Work on punch list items that are remaining at the Love Building after August 8 shall be performed on nights between 11:00 pm and 7:00 am, or on weekends. This remaining punch list work shall be coordinated with the Owner. All scaffolding must be removed from the site by the date of Final Completion. Any remaining work that must be performed after final completion must be done from lifts at no additional cost to the Owner.”

CORRECTION TO NEW MASONRY CONTROL JOINT DETAIL:

Retrofit dowls installed at new masonry control joints are intended to be placed at existing mortar head joints. The previous retrofit dowel spacing, of 12” o.c. vertically, is not compatible with the existing mortar head joint spacing. Retrofit dowel spacing has been updated to 16” o.c. vertically.

This change results in changes to the following Design Drawing Details:

REVISION TO DETAIL 9 ON SHEET 4.0 – NEW CONTROL JOINT - CORNER:

New Control Joint at Corner Note #1 now states:

“1. Cut horizontal slot in mortar bed @ 16" o.c. vertically.”

REVISION TO DETAIL 10 ON SHEET 4.0 – NEW CONTROL JOINT - FACE:

New Control Joint at Face Note #1 now states:

“1. Cut horizontal slot in mortar bed @ 16" o.c. vertically.”

BID ALTERNATE ADDED TO SCOPE OF WORK:

Alternate Bid 01 was added to the Scope of Work. Alternate Bid 01 includes low-pressure washing all exterior masonry at the Love Building. The alternate does not include cleaning of adjacent sidewalks or masonry planters.

This change results in changes to the following Project Manual Sections:

ADDITION OF TECHNICAL SPECIFICATION SECTION 012300 BID ALTERNATES

[Section 012300 is attached to this Addendum.](#)

ADDITION OF TECHNICAL SPECIFICATION SECTION 040100 MASONRY CLEANING

[Section 040100 is attached to this Addendum.](#)

REVISION TO FORM OF PROPOSAL:

The Form of Proposal has been updated to include a section for Alternate Bid 01. The updated Form of Proposal is attached to this Addendum and replaces the Form of Proposal included in the Project Manual. ***Bidders must use the Form of Proposal attached to this Addendum for bidding.***

PRE-BID MEETING MINUTES:

The attached Pre-Bid Meeting Minutes (7 pages) and copy of the meeting Sign-In Sheet (3 pages) shall become a part of the Contract Documents. Significant questions discussed at the meeting can be found within the meeting minutes.

END OF ADDENDUM

ATTACHMENTS:

- Pre-Bid Meeting Minutes – 7 Pages
- Pre-Bid Meeting Sign-In Sheet – 3 Pages
- Technical Specification Section 012300 **BID ALTERNATES** – 1 Pages
- Technical Specification Section 040100 **MASONRY CLEANING** – 4 Pages
- Updated Form of Proposal – 4 Pages



PRE-BID MEETING MINUTES

2:00 p.m., October 26, 2023

Love Building Exterior Brick Repair Design

SCO ID#: 22-25618-01A

Davidson-Davie Community College, Thomasville, NC

1. Introduction of Key Members:

- a. **Owner: DDCC**
DDCC Project Manager: Keith Raker
- b. **Designer: Atlas Engineering, Inc.**
Project Manager: Allison Vassily, EI
Engineer of Record: Matt Poisel, PE

2. General Project Information:

- a. Please sign in on sheet. Include names of others in your company who should receive project bidding information.
 - This is a **non-mandatory** pre-bid meeting. However, a **mandatory site visit is required** for this project. A mandatory site visit at least three (3) days prior to bid submission. Site visits must be coordinated with Keith Raker (336.224.4651 or kraker4708@davidsondavie.edu) at least five (5) business days prior to site visit.
- b. Review of Bid Date, Time, and Format
 - **Bids are due on November 16, 2023, no later than 2:00 P.M. at Davidson-Davie Community College to the attention of Keith Raker – Director, Physical Plant Services**
 - This is a formally bid project and bids will be publicly opened and read in Mendenhall Building, Room 200 at Davidson-Davie Community College location directly following the 2:00 p.m. deadline in accordance with the requirements of the General Statutes of North Carolina.
 - Please be aware that USPS mail must be sent to a post office box instead of directly to the building location. Bidders sending bids by USPS mail are highly encouraged to get tracking information for their bid.
 - **USPS Mail Address for Bids**
Davidson-Davie Community College
Attn: Keith Raker – Director, Physical Plant Services
PO Box 1287, Lexington, NC 27293-1287
 - UPS and FedEx deliveries are to be sent directly to Davidson-Davie Community College at the following Physical address. Please be aware that overnight packages from FedEx and UPS are not always received at DDCC prior to 2:00 p.m. and bidders should plan accordingly. Bidders sending bids by UPS and FedEx are highly encouraged to get tracking information for their bid.

- **UPS & FedEx Address for DDCC**
Davidson-Davie Community College
Attn: Keith Raker – Director, Physical Plant Services
297DDC Road, Thomasville, North Carolina 27360-7385
- Hand deliveries prior to the bid date are best dropped off in Keith Raker’s office at DDCC.
 - **Hand Delivery (Prior to Bid Date) Location**
Brooks Student Center, Room 218 at
Davidson-Davie Community College
Attn: Keith Raker – Director, Physical Plant Services
297 DDC Road, Thomasville, North Carolina 27360-7385
- In order to be considered received on time, the bids must be at the Davidson-Davie Community College by the 2:00 p.m. deadline.
- All bidders, sending or hand delivering bids prior to the bid date are highly encouraged to send them early and to send a confirmation email to Keith Raker.
- Carefully follow the instructions in the Notice to Bidders included within the Project Manual.
- Use Form of Proposal included within the Project Manual. The submitted proposal must have original signatures. Photocopied signature sheets or faxed or emailed proposals will not be considered.
- Provide two original hardcopies of bid in an opaque, sealed envelope, marked with the project name, bid date and time, SCO ID#, name of the bidder, bidder’s contractor license number clearly printed on the outside of the envelope. Please clearly mark “BID ENCLOSED” and “ATTN: KEITH RAKER” on the outside of the bid envelope and on the front and back of any additional mailing envelopes such as UPS or FedEx. Please follow these instructions carefully to avoid loss of bids or designation as a non-responsive bidder.
- Cash Deposit, certified check, or Bid bonds are required for 5% of proposal. If providing a Bid Bond, use the State’s Bid Bond Form included in the Project Manual. (**Do not use AIA or AIA-based Bid Bond Form**).
- Identification of Minority Business Participation and either Affidavit A or Affidavit B **must be attached** to the bid. Failure to properly complete and include the required MBE documentation may result in disqualification of the bid. Additional information can be found in the MBE Guidelines included within the Project Manual. Bidders should take care to carefully follow the MBE requirements and contact Atlas Engineering or the State of North Carolina HUB personnel with any questions or concerns during the bidding process.
- Performance and Payment bonds **are required** for this project. These bonds are not required with the bid, but bidder must be sure they are capable of bonding in the amount of the bid provided.

- It is the responsibility of the bidder to deliver their bid to the correct place/person, prior to the announced time for the bid opening. Bidders may contact Mr. Raker to confirm receipt of their bid at 336.224.4651 or kraker4708@davidsondavie.edu.
 - Bidders were asked to review requirements regarding withdrawal of proposals. Bids will be received and opened in accordance with the requirements of the General Statutes of North Carolina.
- c. Obtaining Bid Documents: Bidders must fully examine the Project Documents and existing site conditions prior to submitting their bid.
- Bid Documents consist of the Project Manual and Project Drawings.
 - Most bidders have received electronic copies of the documents either from Atlas or through a plan room.
 - One hardcopy of the design documents will be made available to attendees of the pre-bid meeting at no cost. Hardcopy sets of the Project Documents may be requested from Atlas Engineering for a refundable plan deposit of \$50.00.
 - Electronic copies of the documents may be requested from Atlas Engineering and are free of charge. Bidders are responsible for checking all drawing scales on electronic versions when using them with estimating software and are responsible for making sure that electronic sets are complete. The hardcopy set of drawings and specifications are considered the contract bid set and take precedence over electronic sets if discrepancies occur.
 - Notify the Designer of any questions, concerns, errors as soon as possible, but no later than 10 days prior to the bid (by Monday, November 6th at 5:00 p.m.). The last addendum will be issued by 1:00 p.m. on Tuesday, November 7, 2023.
 - Issue of Addendum No. 01 will include a copy of the meeting minutes for this Pre-Bid Meeting and any minor corrections or clarifications to the bid documents.
 - Bidders were reminded that they must be familiar with the State's General Conditions and Supplementary Conditions, included within the Project Manual.

3. Review of Form of Proposal:

- a. The project is being bid and contracted as a Formal, Single-Prime contract. Bidders are not required to be prequalified.
- b. Fill out completely base bid, alternates, and unit costs. For base bid, provide the cost written out with words and with numbers where space is provided. Please be sure that the written words and numbers match.
- c. Base Bid cost must include performance of estimated quantities of unit rate work scope per Section 012100.

- d. Provide unit rates for listed items. Unit rates will be used in the event that the actual quantity of work performed is more, or less, than the estimate in the base bid per Section 012100.
- e. Specify if the General Contractor is a registered Historically Underutilized Business or Small Business Enterprise registered in the State of NC with the checkboxes included on the Form of Proposal.
- f. Attach the required MBE forms. Forms have been included in the Project Manual with the Form of Proposal. **If a contractor will self-perform the work and intends to submit Affidavit B, they must make sure to fill out the Identification of Minority Business Form with “none” and \$0 (do not leave it blank) in the places provided. Bidders should take care to carefully follow the MBE requirements and contact the Owner, Designer, or State HUB personnel with any questions or concerns during the bidding process.** The successful contractor will be asked to provide follow-up documentation in the form of Affidavit C or D (see forms within the project manual) and should be sure to gather such documentation during the bidding process. Some requirements are time sensitive during bidding so please review and understand the requirements early in the bidding process to allow for compliance.
- g. Provide proper signatures on the final page of the Form of Proposal.
- h. Confirm receipt of addenda at the bottom of the proposal signature page. Do not forget to fill out this part!
- i. The Owner reserves the unqualified right to reject bids if the bidder fails to insert a price for all of the bid items including the base bid or unit rates requested, fails to mark addenda, or provides incomplete or incorrectly completed MBE, or other bidding forms. Don't leave any spaces blank. Contact Atlas Engineering or DDCC if you have questions! The Owner also reserves the right to waive irregularities during bidding and would remain consistent with any waivers provided for all bids received for this project.
- j. The award of the contract will be made to the lowest responsible and responsive bidder of the base bid, if accepted by the owner.

4. Scope of Work:

- a. Examine Project Documents for the purpose of bidding. The Bidders were referred to Section 010100 – Summary of Work for general work scope including description of site and construction requirements, removal and disposal, and general repair detail description. This section is not intended to be all-inclusive and individual specification sections should be reviewed by the bidder. All items cannot be discussed during this meeting and this scope discussion should not be considered to be all-inclusive.
- b. Base Bid (General description):
 - Perform a Pre-Job Damage Survey, set up on-site staging areas and work areas, including proper barricades, signage, fencing, and overhead protection per the requirements in the Project Documents.
 - Repair through-wall flashing at the lower shelf angle of the brick fascia (upper most band of brick located above the deep soffit). Salvage brick to

be used at lower building brick repair locations. Refer to Section 042000 for new brick selection information to be used at this location.

- Repair existing masonry control joints.
 - Repair damaged brick veneer on the lower portion of the building by tuck-pointing damaged joints, replacing damaged brick, and toothing-in new brick. Use salvaged brick from brick fascia for these repairs.
 - Install new masonry control joints, repair cracks, and install new control joints in the stucco soffit.
 - Replace perimeter sealant at all rough openings.
 - Mortar shall match existing. Provide mockup samples for approval by the Owner prior to ordering materials.
 - Maintain a watertight condition throughout the project duration.
- c. Visiting the Site: Bidders may walk the site and view the Love Building exterior following the meeting. They may return to the building to perform additional observations but must contact Mr. Raker prior to site visit to at 336.224.4651 or kraker4708@davidsondavie.edu. If bidders want to enter the building, additional coordination with DDCC will be required.

5. **Work Hours/Coordination Items:**

- a. Contract Time: The Notice to Proceed date will be determined following execution of the construction contracts. Anticipated Notice to Proceed date is January 1, 2024. The Contractor shall fully complete all work hereunder within **220 consecutive calendar days** from the Notice to Proceed for the contracted work. The College's commencement is scheduled for the weekend of May 11th-13th. **Contractor may NOT mobilize to site prior to May 13, 2024. All work must be completed by August 8, 2024,** to accommodate the start of the Fall Semester. The Final Completion date is set at August 8, 2024.
- b. Liquidated Damages: There are liquidated damages of \$500 per calendar day beyond the August 8, 2024 construction deadline. Purpose of these damages is to reimburse the Owner for direct costs incurred due to failure to complete on time. Days will be added to the contract if the contractor is asked not to work on specific days due to building or campus events. Contractor will be asked to track impact of inclement weather on the critical path of work to allow for review by the Designer and Owner. For the purpose of bidding, utilize the inclement weather procedure noted in the General Conditions which indicates that weather days will be given for days with rainfall in excess of 0.1" that are also in excess of the 5-year average for inclement weather days. Information regarding events that could impact construction would be coordinated with the successful bidder.
- c. Work Hours: The anticipated standard work hours shall be **7:00 a.m. to 7:00 p.m., Monay through Friday**. Work outside of these times will require approval in advance by the Owner. The anticipated work hours are provided for general planning/bidding purposes and do not eliminate the requirement for the Contractor to coordinate with the Owner to avoid special events at the building. There will likely be events at the building, surrounding buildings, or campus during which the contractor is asked not to perform work. The Owner will coordinate events with the

Contractor in advance. Lost time would be added to the overall contract duration; however, additional cost would not be entertained.

- d. Staging and Storage: The proposed staging and storage area was reviewed. DDCC will strive to keep the overall area provided to the contractor as close to that shown as possible but may coordinate minor changes with the contractor to improve access or avoid conflict with end users. Chain link fencing with privacy netting/screen and non-penetrating weighted moveable bases should be provided around materials, equipment, and staging and storage area to clearly identify it.
- e. Work Areas: Access around the building was reviewed. Chain link fencing with privacy netting/screen and non-penetrating weighted moveable bases should be provided around all work areas. The Contractor must always maintain a pedestrian route to the courtyard by either the sidewalk to the east or west of the building.

6. General/Owner Items:

- a. Early Material Storage: The contractor will be permitted to store materials on-site, prior to mobilization, once the NTP is issued. Storage will not be in the staging and storage area identified for the project, but it will be on DDCC's campus in an outdoor location. The contractor is responsible for coordinating location and delivery with DDCC. Contractor will also be responsible for moving materials into staging and storage area after mobilization.
- b. Deliveries: DDCC must be notified of large material and equipment deliveries. Contractor must be present to accept and unload deliveries.
- c. Submittals and Mock-Ups: Review requirements in the Project Manual for submittals. Mock-up boards will be required for new brick and mortar.
- d. Hot Work Permits: Contractor may be required to complete a Hot Work Permit and follow permit requirements.
- e. Insurance and Bond Requirements: Be sure that insurance certificates provided by the contractor will be capable of meeting State Requirements listed in the General Conditions and Supplemental General Conditions, especially for cancellation clauses, endorsements, and builder's risk coverage. Please contact your insurance agent to review requirements in advance of bidding.
- f. Requirements following Award of Bid: Once the bid has been awarded, the awarded contractor is required to submit a W-9, COI and the college requests NC E-Procurement registration.
- g. Tax Information: The bid should include sales tax. However, once the bid is awarded the contractor should submit the Affidavit of Capital Improvement NCDOR E-589CI. Once this form is used then the contractor should not charge DDCC sales tax on the invoices.
- h. Davidson-Davie Community College is a Tobacco-Free and Vape-Free campus. The Contractor shall provide a sign indicating that firearms are prohibited on the construction site.

7. Additional Items Discussed:

- a. Weekend work is acceptable; however, the Contractor must notify the Owner in advance for approval and coordination.

- b. There are no known dates, at this time, that work will be prohibited. If dates come up, the Owner will coordinate with the Contractor.
- c. Contractor delivery requirements apply to early storage deliveries, prior to mobilization.
 - The Contractor must unload and move materials to the appropriate area for early storage. The College will not provide a forklift, it is recommended that the Contractor have brick delivered on a truck with a moffett.
- d. The quantities listed in the “REPAIR LEGEND” on Sheet 2.0 of the Design Drawings must be included in the Base Bid cost. **In addition, the estimated quantities listed in Section 012100 1.03-A must also be included in the Base Bid cost.** Unit prices for the estimated quantities listed in Section 012100 1.03-A must be listed in the “UNIT PRICE” section of the Form of Proposal.
- e. The Hot Work Permit will cover the duration of the work. However, the Contractor must notify the Owner daily prior to begin hot work that may affect the smoke detectors.
- f. A tentative brick match is included in Section 042000 for the purpose of bidding. A mock-up panel will be required for approval prior to the Contractor ordering materials.
- g. The Owner (DDCC) will trim trees adjacent to the building face to allow adequate work area.
- h. As-Built drawings and photos taken during the exploratory demolition will be shared with the Bidders. These can be accessed by the following link:

<https://atlasnc.egnyte.com/fl/7Dqu3I3zRj>

8. Questions

- a. **Question 1:** Which MBE Affidavits are required if the Prime Contractor is a registered MBE and intends to self-perform the work?
 - *Answer: Prime Contractors who are registered MBEs and intend to self-perform greater than the goal of 10% of the work should submit, at a minimum, Affidavit B with their bid and must make sure to fill out the Identification of Minority Business Form with “none” and \$0 (do not leave it blank) in the places provided. If the Contractor is notified of being the apparent lowest responsible, responsive bidder, Affidavit B will be submitted instead of Affidavit C or D, per page vi off the MBE Guidelines.*

END OF MEETING MINUTES

Sign - In Sheet Pre-Bid Meeting

Love Building Exterior Brick Repair Design (SCO#: 22-25618-01A)

October 26, 2023 2:00 PM

1	Company	Attendee Name	Email	Phone No.
	Atlas Engineering, Inc.	Matt Poisel, PE	matt@atlasnc.com	919-961-0417
	Role DESIGNER	Additional Contact:		
2	Company	Attendee Name	Email	Phone No.
	Atlas Engineering, Inc.	Allison Vassily, EI	allison@atlasnc.com	336-501-2510
	Role DESIGNER	Additional Contact:		
3	Company	Attendee Name	Email	Phone No.
	Tony Willard Construction	Evan Warrner	evan@tonywillardconstruction.com	336-583-7275
	Role Contractor - GC	Additional Contact:		
4	Company	Attendee Name	Email	Phone No.
	Baker Restoration	Tom Bean	tbean@bakerrestore.com	984-328-2368
	Role	Additional Contact: John McDougall	jmcdougall@bakerroofing.com	919-500-9014
5	Company	Attendee Name	Email	Phone No.
	IQ Contracting LLC	Mike Morse	mmorse@iqcontracting.net	919-793-5715
	Role Contractor - GC	Additional Contact:		

Sign - In Sheet Pre-Bid Meeting

Love Building Exterior Brick Repair Design (SCO#: 22-25618-01A)

October 26, 2023 2:00 PM

6	Company	Attendee Name	Email	Phone No.
	EDS Waterproofing	Anna-Martin Fritts	annamartin@edswp.com	919-412-9813
	Role	Additional Contact:		

7	Company	Attendee Name	Email	Phone No.
	Midwest Maintenance, INC	John Shellenberg	john@MMIrestoration.com	706-855-8888
	Role	Additional Contact:		

8	Company	Attendee Name	Email	Phone No.
	Miraje Reconstruction	Brian Perrell	brian@mirajerd.com	336-420-4338
	Role	Additional Contact:		

9	Company	Attendee Name	Email	Phone No.
	Miraje Reconstruction	Miguel Gueyara	miguel@mirajerd.com	336-420-4338
	Role	Additional Contact:		

10	Company	Attendee Name	Email	Phone No.
	Frank L. Blum Construction	Robert Knight	robert.knight@flblum.com	336-399-3242
	Role	Additional Contact: Lauren Ashley	lauren.ashley@flblum.com	336-816-9328

Sign - In Sheet Pre-Bid Meeting

Love Building Exterior Brick Repair Design (SCO#: 22-25618-01A)

October 26, 2023 2:00 PM

11	Company	Attendee Name	Email	Phone No.
	PyramidNJ Masonry	Bryan Flores	bryanfioresse2019@gmail.com	336-708-9933
	Role Sub-Contractor	Additional Contact:		
12	Company	Attendee Name	Email	Phone No.
	Western Specialty Contractors	Will Satterfield	WilliamS@westernspecialtycontractors.com	980-346-9535
	Role	Additional Contact:		
13	Company	Attendee Name	Email	Phone No.
	IL Long	Chris Seaford		336-661-1887
	Role	Additional Contact: Rachel Collins	rcollins@illong.com	
14	Company	Attendee Name	Email	Phone No.
	Davidson-Davie Community College	Keith Raker	kraker4708@davidsondavie.edu	336-224-4651
	Role OWNER	Additional Contact:		
15	Company	Attendee Name	Email	Phone No.
	Role	Additional Contact:		

SECTION 012300

BID ALTERNATES

PART 1 GENERAL

1.01 SUMMARY

- A. This Section includes requirements governing Bid Alternates for the project. Section 010100 includes a summary of work items for both Base Bid and bid alternate scope of work.
- A. Refer associated technical specification sections for technical requirements regarding bid alternate work.

1.02 BID ALTERNATES

- A. The Contractor shall propose an amount stated on the Form of Proposal for certain work defined in the technical specifications that may be added to or deducted from the Base Bid amount if the Owner decides to accept the corresponding change to the scope of work.
- B. The cost or credit for each bid alternate is the net addition or deduction from the Contract Sum of the amount listed on the Form of Proposal. No other adjustments are made to the Contract Sum.
- C. Refer to the Special Conditions of the Formal Contract (Supplementary General Conditions) to determine whether the Contract time for the project will be increased, decreased, or will remain the same based on acceptance of Bid Alternates by the Owner.
- D. The Owner will notify the Contractor of acceptance, rejection, or deference of each Bid Alternate upon award of the Contract.
- E. Execute accepted alternates under the same conditions as other work of the Contract.

PART 2 PRODUCTS - Not Used.

PART 3 EXECUTION - Not Used.

3.01 LIST OF BID ALTERNATES

- A. ALTERNATE 01: Low-pressure washing of exterior brick masonry façade of Love Building
 - 1. Provide all necessary equipment, materials, and labor to perform low-pressure washing of the exterior brick façade of the Love Building. Provide all necessary protection of existing vegetation, windows, doors, and other fixtures on or near the building.

END OF SECTION 012300

012300.1

SECTION 040100

MASONRY CLEANING

PART1 -GENERAL

1.01 WORK INCLUDED

- A. Provide labor, materials, equipment, and supervision necessary to clean the existing exterior brick and architectural precast to remove existing staining and allow for proper matching of replacement brick color and type and mortar color.
- B. Masonry cleaning will be performed entire exterior of Love Building. Protect the surrounding area not included in the scope of masonry cleaning.
- C. Reclaim water run-off from cleaning activities to prevent water from cleaning from saturating the planting beds located around the building and/or entering any storm drainage outlets.
- D. Coordinate work of this section with work of 012300 and 042000.

1.02 SUBMITTALS

- A. Make submittals in accordance with provisions of Section 013300.
- B. Required submittals include:
 - 1. Product data for each product to be used including manufacturer's printed literature with test data confirming compliance with requirements. Submit installation instructions.
 - 2. Contractor shall submit a cleaning plan with a written description of the cleaning process, including materials, methods, equipment, and sequencing of work. Plan must describe water reclamation process.
- C. Make product submittals far enough in advance to allow for performance of testing of product at pre-determined test areas, provision of necessary approvals, for possible revisions and re-submittals, and for placing orders and securing delivery.

1.03 QUALITY ASSURANCE

- A. **Manufacturer Qualifications:** The manufacturer must be capable of providing field service representation during cleaning process and be willing to approve the application methods to be used.
- B. **Installer Qualifications:** Installer must have a minimum of 5 years experience in performing this type of work and has specialized in historic restoration work similar to the type required for this project.

040100.1

1.04 WARRANTY

- A. Provide the Contractor's standard two-year warranty starting on the date of Final Completion.
- B. Provide available standard manufacturer's warranties when available whether or not such standard warranty requested within the specifications. More stringent warranty requirements if specified in other sections of the Project Manual will take precedence.
- C. See Section 014000 for additional requirements.

PART 2 PRODUCTS

2.01 MASONRY CLEANING PRODUCTS

- A. Cleaning Product: Provide a high-performance, non-ionic, non-abrasive or non-acidic masonry detergent cleaner designed to remove a broad spectrum of organic and non-organic contaminants from horizontal and vertical brick masonry and limestone surfaces.
 - 1. Cleaning product shall be non-fuming, low-odor, water soluble and safe for use on occupied buildings.
 - 2. Cleaning product must not harm landscaping, grass, or chemical composition of the soil (this requirement does not waive the Contractor's responsibility to install protective coverings and reclaim run-off from cleaning processes).
 - 3. Cleaning products shall not harm adjacent building surfaces, including, but not limited to, anodized aluminum window frames, painted metal doors, glass, glazing, sealants, and building signage.
 - 4. Cleaning product shall be recognized or recommended for restoration of historic brick and limestone masonry components.
- B. Acceptable Masonry cleaning products include, but are not limited to:
 - 1. Igepal by GAF
 - 2. Tergitol by Union Carbide
 - 3. Triton by Rohm & Haas.
 - 4. SureKlean or EnviroKlean by ProSoCo
- C. Accessory Items: Provide required accessory items including protective plastic sheeting, duct tape, natural or nylon brushes, and low-pressure (<1000 psi) water spray equipment with 25° fan tip nozzle to allow for proper completion of cleaning.

PART 3 EXECUTION

3.01 PROJECT CONDITIONS

- A. Do not apply products under conditions outside manufacturer's requirements, which include:
 - 1. Surfaces that are frozen; allow complete thawing prior to installation.
 - 2. Surface and air temperatures below 40 degrees F (4 degrees C).
 - 3. Surface and air temperatures above 95 degrees F (35 degrees C).

040100.2

4. When surface or air temperature is not expected to remain above 40 degrees F (4 degrees C) for at least 8 hours after application.
5. Wind conditions that may blow materials onto surfaces not intended to be treated.
6. Less than 24 hours after a rain.
7. When rain is expected less than 6 hours after installation.

3.02 EXAMINATION AND TEST AREAS

- A. Verify that existing substrates are acceptable for product application; do not begin until substrates meet manufacturer's requirements as required.
- B. Prepare a minimum of two test areas to be evaluated by the Designer and Owner. The test area shall show the cleaning methods, product effectiveness, and provisions for protecting landscaping and adjacent surfaces, as well as capture of cleaning water.
- C. Upon approval of test areas, install protective materials to designated portion of wall shown on the drawings for masonry cleaning.

3.03 MASONRY CLEANING

- A. Clean surfaces of all exterior masonry using materials specified, so that resulting surfaces have a uniform appearance.
- B. When cleaning stains and tough dirt, test masonry for composition and before utilizing a stronger application or changing the cleaner to be used. Follow the manufacturer's instructions and recommendations; use cleaner and cleaning methods selected to minimize degradation to surfaces and deterioration of appearance. High pressure power washing is not allowed for this project.
- C. Thoroughly wet surfaces beginning at the bottom of the wall area to be cleaned. Apply cleaning agent to surfaces and scrub with synthetic or natural bristle brushes.
- D. Rinse walls fully to remove cleaning agent and dirt.
- E. Recapture cleaning water and dispose of offsite in accordance with local regulations. Do not allow cleaning water to seep into the ground around the perimeter of the building, or run into nearby storm water catch basin.
- F. Clean masonry a second time following brick placement and after mortar has cured for at least seven days. Clean building surfaces from masonry debris generated during repairs.
- G. Wash masonry cleaner from roof surface, stucco soffit, and other non-masonry trim immediately. Remove protection materials from the roof surface to allow for work to continue.

040100.3

3.04 PROTECTION OF EXISTING SITE FEATURES

- A. Perform a Pre-Job Damage Survey prior to the start of construction in accordance with Section 015000 of this Project Manual. Specifically address current condition of exterior windows, accents not designated for repairs, roof area, and other building features to confirm existing condition prior to the start of work.
- B. Install plastic sheeting as necessary to protect the building exterior and to allow for reclamation of cleaning water. Protect trees, landscaping, grass areas and other site vegetation against chemically injurious materials, and continuous running water or water puddles.

END OF SECTION 040100

040100.4

FORM OF PROPOSAL

Love Building Exterior Brick Repair Design
Davidson-Davie Community College
SCO ID#: 22-25618-01A

Contract: Single Prime
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 **Davidson-Davie Community College** 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 the **Love Building Exterior Brick Repair Design** in full and complete accordance with the plans, specifications and contract documents, to the full and entire satisfaction of the **State of North Carolina, Davidson-Davie Community College**, and the **Designer - Atlas Engineering** 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 Contractor:

Other Subcontractor:

_____ Lic _____

_____ Lic _____

Specify if the General Contractor is a registered Historically Underutilized Business or Small Business Enterprise registered with the State of North Carolina:

HUB Certified YES NO

NCSBE Certified YES NO

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-responsible 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.)

ALTERNATE 01:

Alternate No.1: Low-pressure wash of Love Building brick masonry facade

(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:

Estimated quantities for each item listed below are defined in Section 012100, Paragraph 1.03A of the Project Manual.

<u>Item:</u>	<u>Unit:</u>	<u>Unit Price:</u>
1. <u>Tuck-Point Mortar Joint</u>	<u>(ln.ft.)</u>	Unit Price (\$) _____
2. <u>Individual Brick Replacement</u>	<u>(ea.)</u>	Unit Price (\$) _____
3. <u>Tooth-In Brick</u>	<u>(sq.ft.)</u>	Unit Price (\$) _____
4. <u>Steel Shelf Angle Replacement</u>	<u>(ln.ft.)</u>	Unit Price (\$) _____
5. <u>Repair Soffit Crack</u>	<u>(ln.ft.)</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 Special Requirements of the Formal Contract Article 23. Applicable liquidated damages amount is also stated in the Special Requirements of the Formal Contract 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 MBE 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 Love Building Exterior Brick Repair Design (SCO ID#: 22-25618-01A)

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 _____