



**GUILFORD COUNTY SCHOOLS
Invitation for Bids**

**Purchasing Department
501 W. Washington Street
Greensboro, NC 27401**

Direct all inquiries to:

Invitation for Bids: 6618

Velicia Moore

Bid due date: February 8, 2024

gaddyv@gcsnc.com 336-370-3240

**Commodity: Security Glazing Film
Installation**

NOTICE TO BIDDERS

Sealed bids, subject to the conditions made a part hereof, will be received by the Guilford County Schools Purchasing Dept. until **3:00 pm EST on Thursday February 8, 2024** at gaddyv@gcsnc.com for the scope of work described herein. Bids submitted via facsimile (FAX) machine in response to this Invitation for Bid **will not** be accepted.

EXECUTION

In compliance with this Invitation for Bids (IFB), and subject to all the conditions herein, the undersigned Vendor offers and agrees to furnish and deliver any or all items upon which prices are bid, at the prices set opposite each item within the time specified herein. By executing this bid, the undersigned Vendor certifies that this bid is submitted competitively and without collusion (G.S. 143-54), that none of its officers, directors, or owners of an unincorporated business entity has been convicted of any violations of Chapter 78A of the General Statutes, the Securities Act of 1933, or the Securities Exchange Act of 1934 (G.S. 143-59.2), and that it is not an ineligible Vendor as set forth in G.S. 143-59.1. False certification is a Class I felony. Furthermore, by executing this bid, the undersigned certifies to the best of Vendor's knowledge and belief, that it and its principals are not presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any Federal or State department or agency. As required by G.S. 143-48.5, the undersigned Vendor certifies that it, and each of its sub-Contractors for any Contract awarded as a result of this IFB, complies with the requirements of Article 2 of Chapter 64 of the NC General Statutes, including the requirement for each employer with more than 25 employees in North Carolina to verify the work authorization of its employees through the federal E-Verify system.

Failure to execute/sign bid prior to submittal shall render bid invalid and it WILL BE REJECTED. Late bids will not be accepted.

BIDDER:		FEDERAL ID OR SOCIAL SECURITY NO.	
STREET ADDRESS:		P.O. BOX:	ZIP:
CITY & STATE & ZIP:		TELEPHONE NUMBER:	FAX NUMBER:
TYPE OR PRINT NAME & TITLE OF PERSON SIGNING:		TITLE	
AUTHORIZED SIGNATURE:	DATE:	E-MAIL:	

Offer valid for **120 days** from date of bid opening, unless otherwise stated. After this time, any withdrawal of offer shall be made in writing, effective upon receipt by the agency issuing this IFB.

1.0 PURPOSE AND BACKGROUND

This work includes the reinforcement of glass enclosures at selected Guilford County School sites.

2.0 GENERAL INFORMATION

This IFB is comprised of the base bid document, any attachments, and any addenda released before contract award. All attachments and addenda released for this IFB in advance of any Contract award are incorporated herein by reference. Bids shall be submitted in accordance with the terms and conditions of this IFB and any addenda issued hereto.

TAXES

Guilford County Schools is **NOT** tax-exempt. Unless otherwise indicated, tax must be computed and added to your bid. Any itemized shipping charges are also subject to tax. When invoiced, tax should be invoiced as a separate line item.

MINORITY AND WOMEN OWNED BUSINESS ENTERPRISE (MWBE)

The Board of Education awards public contracts without regard to race, religion, color, creed, national origin, sex, age or handicapped condition as defined by North Carolina General Statutes, 168A-3. GCS Board of Education promotes full and equal access to business opportunities with Guilford County Schools. Minority businesses are encouraged to submit bids for this project. All vendors shall have a fair and reasonable opportunity to participate in GCS business opportunities.

INSURANCE

Certificate of Insurance

Each vendor shall furnish GCS a certificate of insurance showing that the required workmen's compensation and public liability insurance are carried by the Contractor. The certificate of insurance should show that it is issued to or at the request of the Guilford County Board of Education, High Point, North Carolina. All insurance carriers shall be licensed to do business in North Carolina or approved to issue insurance coverage by the Commission of Insurance of North Carolina.

The certificate of insurance shall include substantially the following provision: The insurance policies to which this certificate refers shall not be altered or canceled until after ten (10) days' written notice of such cancellation or alteration has been sent by certified mail to the Guilford County Board of Education, High Point, North Carolina.

Public Liability Insurance

The vendor shall maintain public liability insurance covering his liability for bodily injury and property damage which may arise from his operations, contractual obligations, products and completed operations, as well as operations performed by independent contractors, in not less than the following amounts:

1. A combined single limit (CSL) of \$1,000,000 each occurrence, or
2. A \$1,000,000 limit for Bodily Injury Liability, and \$1,000,000 limit for Property Damage Liability.

An occurrence form of policy will be required, and the certificate of insurance submitted by the Contractor must be personally signed by a resident licensed agent of each of the companies listed on that form.

Worker's Compensation Insurance

The Contractor shall maintain during the life of his contract all such workmen's compensation insurance as is or may be required by the laws of North Carolina.

Terms and Conditions

It shall be the vendor's responsibility to read the instructions, terms and conditions, all relevant exhibits and attachments, and any other components made a part of this IFB and comply with all requirements and specifications herein. Vendors also are responsible for obtaining and complying with all Addenda and other changes that may be issued relating to this IFB.

3.0 SPECIFIC INFORMATION

BID QUESTIONS

Upon review of the IFB documents, vendors may have questions to clarify or interpret the IFB to submit the best bid possible. To accommodate the bid questions process, vendors shall submit any such questions by 5:00 pm EST Friday February 2, 2024.

Instructions:

Written questions shall be emailed to Velicia Moore by the date and time specified above. Vendors will enter “IFB #6618 – Questions” as the subject for the email. Question submittals will include a reference to the applicable IFB section and be submitted in a format shown below:

Reference	Vendor Question
IFB Section, Page Number	Vendor question...?

Questions received prior to the submission deadline date, GCS’s response, and any additional terms deemed necessary by GCS will be posted in the form of an addendum. No information, instruction or advice provided orally or informally by any GCS personnel, whether made in response to a question or otherwise regarding this IFB, shall be considered authoritative or binding. Vendors shall be entitled to rely **only** on written material contained in an addendum to this IFB.

BID SUBMITTAL

Sealed bids, subject to the conditions made a part hereof and the receipt requirements described below, shall be received at gaddyv@gcsnc.com, as described herein. It is the responsibility of the bidder to have the bid in to the Guilford County Schools Purchasing Agent by the specified time and date of opening. Bids shall be marked in the subject line of the email IFB #6618

Attempts to submit a bid via facsimile (FAX) machine, or telephone in response to this Invitation for bids will **not** be accepted.

REFERENCES

Guilford County Schools reserves the right to require upon request a list of references from other school districts or similar service agencies for which the company has provided the services or goods solicited in this IFB. GCS may contact these users to determine quality level. Such information may be considered in the evaluation of the bid.

WARRANTY

Please provide the Manufacturer’s warranty for the product bid.

TRANSPORTATION CHARGES

Free on board (FOB) to designated sites in Guilford County, NC, with all transportation charges prepaid and included in the bid price.

DELIVERY

All product to be delivered to the specified school location.

4.0 AWARD AND BID EVALUATION

REVIEW AND AWARD

It is the intent of Guilford County Schools (GCS) to award this Invitation for Bids to the responsible bidder(s) who best matches the needs of GCS. Guilford County Schools reserves the right to reject any or all bids presented and to waive any informalities and irregularities. Award of this bid may be in whole or in part as deemed to be in the best interest of GCS. All projects are awarded contingent upon funding. No bid may be withdrawn after the scheduled closing time for the receipt of bids for a period of 120 days.

EVALUATION CRITERIA

All qualified bids will be evaluated, and award will be made based on consideration of the following criteria; the lowest responsive, responsible bidder or best value analysis.

5.0 INVITATIONS FOR BID DOCUMENT

Scope of Work:

This work includes the procurement and installation of a security glazing film as specified.

Item	Description	\$ Cost/SF
Security Glazing Film	See specifications	\$

SECTION 088700 SECURITY GLAZING FILMS

PART 1- GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provision of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section Includes:
 - 1. Security Glazing film applied to existing glazing assemblies.

1.3 CODES AND REFERENCES:

- A. FTD SA – Filti Testing and Development Shooter Attack Certification.
 - 1. ASTM F3561- Standard Test Method for Forced-Entry-Resistance of Fenestration Systems After Simulated Active Shooter Attack
- B. 16 CFR 1201 - Safety Standard for Architectural Glazing Materials; Consumer Products Safety Commission; current edition.
- C. ANSI Z97.1 - American National Standard for Safety Glazing Materials Used in Buildings, Safety Performance Specifications and Methods of Test; 2010.
- D. ASTM E84 – Standard Test Method for Surface Burning Characteristics of Building Materials; 2013a.

1.4 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Glazing film manufacturer specializing in manufacture of security glazing films with minimum 5 years successful experience with the exact product specified.

1.5 SUBMITTALS

- A. Submit under provisions of Division 1.
- B. Test Reports: Detailed reports of full-scale chamber tests to specified criteria, using assemblies identical to those required for this project.
- C. Product Data: Manufacturer's data sheets on each product to be used, including:
 - 1. Record of product certification for safety requirements.
 - 2. Preparation instructions and recommendations.
 - 3. Storage and handling requirements and recommendations.
 - 4. Installation methods.
- D. Samples: For each film product to be used, minimum size 4 inches by 6 inches, representing actual product, color, and patterns.
- E. Specimen warranty.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufactures unopened packaging until ready for installation.
- B. Store and dispose of solvent-based materials, and materials used with solvent—based materials, in accordance with requirements of authorities having jurisdiction.

1.7 FIELD CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.

1.8 WARRANTY

- A. Provide 15 Year manufacturers replacement warranty to cover film against peeling, cracking, discoloration, and deterioration.

PART 2 PRODUCTS

2.1 MANUFACTURER'S

- A. Basis of Design: Armoured One, LLC., Which is located at: 386 North Midler Ave. Syracuse, NY 13206. Tel: 315-720-4186; Email: info@armouredone.com; Web: www.armouredone.com.

2.2 MATERIALS

- A. Security Glazing Film:
 - 1. Transparent polyester film for permanent bonding to glass.
 - 2. Final installed product must be a minimum of 0.023 inches (23 Mil) thick.
 - a. Installing multiple layers of thinner film to accomplish the required thickness is not allowed.
 - 3. Adhesive Type: Pressure sensitive.
 - 4. FTD SA – Standard for Shooter Attack certification, Class 1 (tested on ¼" tempered glass).
 - 5. Tensile Strength: ASTM D-882, 35,000 psi minimum.
 - 6. Breaking Strength: ASTM D-882, 640 lbs. / inch.
 - 7. Elongation at Break: ASTM D-882, 230%
 - 8. Haze: ASTM D1003, <4%
 - 9. Color b: ASTM D2244, 4.2
 - 10. Visible Light Transmission: 87%
 - 11. Visible Light Reflected (Int): 12%
 - 12. Visible Light Reflected (Ext): 12%
 - 13. UV Block:>99%
 - 14. Total Solar Energy Reflected: 11%
 - 15. Total Solar Energy Transmitted: 77%
 - 16. Total Solar Energy Absorbed: 12%
 - 17. Shading Coefficient: 0.93

18. Total Solar Energy Rejected: 19%
 19. Solar Heat Gain Coefficient: 0.81
 20. U-Value Winter: 1.03
 21. K-Value Winter: 5.85
 22. Glare Reduction: 3%
 23. Surface Burning Characteristics: Flame spread index of 25, maximum, and smoke developed index of 450, maximum, when tested in accordance with ASTM E84 (Class A).
- B. Retrofit existing glazing assemblies to provide impact resistance and forced/attack resistance complying with FTD-SA-C1, ANSI Z97.1 and CPSC 16 CFR 1201 Category II.
- C. Anchoring System:
1. Per manufacturer's recommendations for the application.
 2. Provide supplemental anchoring system as required.

PART 2 EXECUTION

3.1 EXAMINATION

- A. Field -Applied Film: Verify that existing conditions are adequate for proper application and performance of film.
- B. Examine glass and frames, ensure that existing conditions are adequate for proper application and Performance of film.
- C. Verify glass is not cracked, chipped, broken, or damaged.
- D. Verify that frames are securely anchored and free of defects.

3.2 PREPARATION

- A. Clean glass of dust, dirt, paint, oil, grease, mildew, mold, and other contaminants that would inhibit adhesion.
- B. Immediately prior to applying film, thoroughly wash glass with neutral cleaning solution.
- C. Protect adjacent surfaces.
- D. Do not begin installation until substrates have been properly prepared.

3.3 INSTALLATION

- A. Install in accordance with manufacturer's instructions, without air bubbles, wrinkles, streaks, bands, thin spots, pinholes, or gaps, as required to achieve specified performance.
- B. Seams. Seam film only as required to accommodate material sizes; seam without overlaps. Bring to the attention of the architect and owner prior to proceeding where seams are required.
- C. Clean glass and excess structural sealants from finished surfaces
- D. Remove any labels or protective covers.

3.4 FILM VERIFICATION

- A. Awarded contractor will be required to verify that film installed meets the requirements highlighted in this bid. By submitting a bid, you as the contractor understand that three pieces of glass, chosen at random will be removed and film applied will be measured to verify that film installed meets specifications as requested. Film may need to be removed as part of the verification process.

3.5 PROTECTION

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION

Attach to Bid Attach to Bid Attach to Bid Attach to Bid Attach to Bid Attach to Bid Attach to Bid Attach to Bid Attach to Bid
The total value of minority business contracting will be (\$)_____.

AFFIDAVIT A

This Affidavit and **ALL THREE (3) SECTIONS** Herein Must Be Completed By **ALL BIDDERS** and Submitted with Bid.

Section I - Listing of the Good Faith Effort

Bidder must earn at least 50 points from the Good Faith Efforts list for their Bid to be considered responsive and must submit documentation supporting all items checked within the timeframes set forth in Section III below.

I have made Good Faith Effort to comply under the following areas checked:

- 1** - Contacted minority businesses that reasonably could have been expected to submit a quote and that were known to the contractor, or available on State or local government maintained lists, at least 10 days before the bid date and notified them of the nature and scope of the work to be performed. "Contact" means contact by letter, fax, e-mail or other means to a viable and active address. **CONTRACTOR MUST ATTACH EVIDENCE OF CONTACT TO THIS AFFIDAVIT AND SUBMIT WITH BID.** Value = 10 points.
- 2**-Made the construction plans, specifications and requirements available for review by prospective MWBE businesses, or providing these documents to them at least 10 days before the bids are due. Value = 10 points.
- 3** - Broken down or combined elements of work into economically feasible units to facilitate minority participation. Value = 15 points.
- 4** - Worked with MWBE trade, community, or contractor organizations identified by the Office of Historically Underutilized Businesses and included in the bid documents that provide assistance in recruitment of MWBE'S. Value = 10 points.
- 5** - Attended prebid meetings scheduled by the public owner. Value = 10 points.
- 6** - Provided assistance in getting required bonding or insurance or provided alternatives to bonding or insurance for subcontractors. Value = 20 points.
- 7** - Negotiated in good faith with interested MWBE'S and did not reject them as unqualified without discussing with MWBE'S sound reasons based on their capabilities. **CONTRACTOR MUST ATTACH TO THIS AFFIDAVIT AND SUBMIT WITH BID COPIES OF QUOTES OR RESPONSES FROM ALL FIRMS SUBMITTING QUOTES OR RESOPNSES, AND, IF APPLICABLE, WRITTEN JUSTIFICATION FOR ANY REJECTION OF A MWBE BASED ON LACK OF QUALIFICATION.** Value = 15 points.
- 8** - Provided assistance to an otherwise qualified MWBE in need of equipment, loan capital, lines of credit, or joint pay agreements to secure loans, supplies, or letters of credit, including waiving credit that is ordinarily required. Assisted minority businesses in obtaining the same unit pricing with the bidder's suppliers in order to help MWBE businesses in establishing credit. Value = 25 points.
- 9** - Negotiated joint venture and partnership arrangements with MWBE businesses in order to increase opportunities for MWBE business participation on the construction or repair project when possible. Value = 20 points.
- 10** - Provided quick pay agreements and policies to enable MWBE contractors and suppliers to meet cash-flow demands. Value = 20 points.

The undersigned hereby certifies that he or she has read the terms of the MWBE business commitment, that the bidder has made the Good Faith Efforts in the areas checked above, and that he or she is authorized to bind the bidder to the commitment herein set forth.

Date:_____ Name of Authorized Officer:_____

Signature:_____

Section II - Portion of the Work to be Performed by Minority Firms

I will expend a minimum of _____% of the total dollar amount of the contract with MWBE. MWBE will be employed as construction subcontractors, vendors, suppliers or providers of professional services. Such work will be subcontracted to the following firms listed below.

(Attach additional sheets if necessary)

Name and Phone Number	*MWBE Category	Work description	Dollar Value

*MWBE categories: Black, African American (**B**), Hispanic (**H**), Asian American (**A**) American Indian (**I**), Female (**F**) Socially and Economically Disadvantaged (**D**)

Pursuant to GS143-128.2(d), the undersigned will enter into a formal agreement with MWBE for work listed in this schedule conditional upon execution of a contract with the Owner. Failure to fulfill this commitment may constitute a breach of the contract.

The undersigned hereby certifies that he or she has read the terms of this commitment and is authorized to bind the bidder to the commitment herein set forth.

Date: _____ Name of Authorized Officer: _____

Signature: _____

Section III – Documentation of Good Faith Efforts

ALL BIDDERS, regardless of percentage of MWBE participation, **MUST** provide documentation of all Good Faith Efforts checked in Section I within the timeframes set forth in Parts A and B below.

Failure to submit these documents / information shall be grounds for deduction of Good Faith Points. In the event such a deduction results in a failure to achieve the required number of Good Faith Points, the Bid shall be rejected unless the bidder has otherwise demonstrated Good Faith Efforts.

PART A (Documentation Required to be Submitted With Bid)

Documentation **MUST** be provided **WITH THE BID** in order for the bidder to receive credit for certain items checked. If the bidder checked Items 1 or 7 in Section I, the bidder **MUST** provide documentation supporting those Good Faith Efforts **WITH THE BID**.

Examples of such documentation include, but are not limited to, the following:

ITEM 1

- Copies of solicitations for quotes to at least three (3) MWBE's from the source list provided by the State for each subcontract to be let under this contract (if 3 or more firms are shown on the source list). Each solicitation shall contain a specific description of the work to be subcontracted, location where bid documents can be reviewed, representative of the Prime Bidder to contact, and location, date and time when quotes must be received.
- Copies of quotes and responses received from each firm responding to the solicitation.
- A telephone log of follow-up calls to each firm sent a solicitation.

ITEM 7

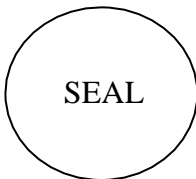
- Copies of quotes or responses received from all firms submitting quotes or responses for each subcontract, and, if applicable a letter detailing the reason(s) for any rejection of minority business(es) due to lack of qualification.

I do certify the attached documentation as true and accurate representation of my good faith efforts.

Date: _____ Name of Authorized Officer: _____

Signature: _____

Title: _____



State of North Carolina, County of _____

Subscribed and sworn to before me this _____ day of _____ 20____

Notary Public _____

My commission expires _____

PART B (Documentation Required to be Submitted Within 72 Hours of Notification)

Certain documentation **MUST** be provided within 72 hours of notification of being the apparent lowest responsible, responsive bidder in order to receive credit for certain additional Items checked. If the bidder checked Items 2, 3, 4, 5, 6, 8, 9 or 10, the bidder **MUST** provide documentation supporting those Good Faith Efforts within 72 hours of notification of being the apparent lowest responsible, responsive bidder.

Examples of such documentation include, but are not limited to the following:

ITEM 2

- Invitation to view construction plans, specifications and requirements.
- Cover letter enclosing construction plans, specifications and requirements.

ITEM 3

- Copies of all bid solicitations or request for proposals broken down by scope of work.
- Letter detailing contractor's efforts to break down or combine elements of work into economically feasible units to facilitate minority participation.

ITEM 4

- Documentation of any contacts or correspondence to MWBE, community, or contractor organizations in an attempt to meet the goal.

ITEM 5

- Copy of pre-bid roster.

ITEM 6

- Letter documenting efforts to provide assistance in obtaining required bonding or insurance for MWBE.

ITEM 8

- Letter documenting proposed assistance offered to minority business in need of equipment, loan capital, lines of credit, or joint pay agreements to secure loans, supplies, or letter of credit, including waiving credit that is ordinarily required.

ITEM 9

- Letter documenting negotiations with MWBE businesses to create joint venture or partnership arrangement for the construction or repair project.

ITEM 10

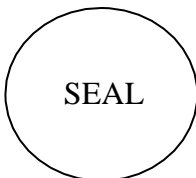
- Copy of quick pay agreements.
- Copy of quick pay policies.

I do certify the attached documentation as true and accurate representation of my good faith efforts.

Date: _____ Name of Authorized Officer: _____

Signature: _____

Title: _____



State of North Carolina, County of _____

Subscribed and sworn to before me this _____ day of _____ 20____

Notary Public _____

My commission expires _____

AFFIDAVIT B Intent to Perform Contract with Own Workforce.

County of _____

Affidavit of _____
(Name of Bidder)

I hereby certify that it is our intent to perform 100% of the work required for the _____
_____ contract.
(Name of Project)

In making this certification, the Bidder states that the Bidder does not customarily subcontract elements of this type project, and normally performs and has the capability to perform and will perform all elements of the work on this project with his/her own current work forces; and

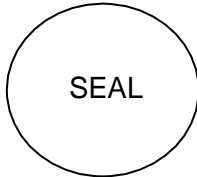
The Bidder agrees to provide any additional information or documentation requested by the owner in support of the above statement.

The undersigned hereby certifies that he or she has read this certification and is authorized to bind the Bidder to the commitments herein contained.

Date: _____ Name of Authorized Officer: _____

Signature: _____

Title: _____



State of North Carolina, County of _____

Subscribed and sworn to before me this _____ day of _____ 20__

Notary Public _____

My commission expires _____

APPENDIX E

MWBE DOCUMENTATION FOR CONTRACT PAYMENTS

Prime Contractor/Architect: _____

Address & Phone: _____

Project Name: _____

Pay Application #: _____ Period: _____

The following is a list of payments made to Minority and Women Business Enterprises on this project for the above-mentioned period.

A	B	C	D	E	F	G	H
MWBE FIRM NAME	* TYPE OF MWBE	ORIGINAL CONTRACT AMOUNT	PREVIOUS PAYMENTS	PAYMENT THIS PERIOD	TOTAL CHANGE ORDERS TO DATE	TOTAL AMOUNT COMMITTED (C + F)	TOTAL RETAINED TO DATE

*Minority categories: Black (B), Hispanic (H), Asian American (AA), American Indian (AI), White Female (WF), Socially and Economically Disadvantaged (SED)

Approved/Certified By:

SUBMIT WITH EACH PAY REQUEST - FINAL PAYMENT - FINAL REPORT