Request for Quotations (RFQ)

East T-Hangar Roof Rehabilitation (Hangar 1)

Cedar Rapids Airport Commission
The Eastern Iowa Airport
2121 Arthur Collins Parkway SW - Suite 10
Cedar Rapids, IA 52404

Release Date:

May 06, 2026

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REQUEST FOR QUOTATIONS
EAST T-HANGAR ROOF REHABILITATION (HANGAR 1)

All Proposals are due before **May 22, 2026** at **2:00 PM CDT** and shall be on a lump sum basis. A bid bond is not required.

Sealed quotations must be received before **May 22, 2026** at **2:00 PM CDT** at:

The Eastern Iowa Airport
Administrative Office
2121 Arthur Collins Pkwy SW Ste 10
Cedar Rapids, IA 52404

Quotations that are not received before this time will not be opened. The time a quotation is submitted shall be determined by the time stamp machine maintained by The Eastern Iowa Airport.

Each Company is encouraged to visit the site of the proposed work and fully acquaint themselves with the conditions there relating to construction and labor and should fully inform themselves as to the facilities involved, the difficulties and restrictions. A Pre-Quotation Site Visit will be held on **Wednesday, May 13, 2026 at 2:30 PM CDT** at the East T- Hangar. All Companies are encouraged to attend the Site Visit.

Requests or inquiries that arise regarding this RFQ must be directed to the Cedar Rapids Airport Commission's Director of Operations, Daniel B. Brown, at d.brown@flycid.com no later than **Friday, May 15, 2026 at 2:00 PM CDT**. Written answers to requests for clarification will be provided via addendum, published and distributed on the Airport's website no later than **Monday**, **May 18, 2026**.

Electronic copy of this Request for Quotations is available at: https://flycid.com/rfp/

1. In all cases, only written communications are binding.

2. The Commission reserves the right to reject any and all Proposals.

3. Late Proposals will be returned unopened to the sender.

SCHEDULE OF EVENTS

Name of the Proposal	**Request for Quotations -** **East T-Hangar Roof Rehabilitation (Hangar 1)**
Date of Issuance	May 06, 2026
Pre-Proposal Meeting	May 13, 2026 at 2:00 PM (CDT)
Deadline for Questions	May 15, 2026 by 2:00 PM (CDT)
Final Addendum Posted	May 18, 2026
RFQ Deadline	May 22, 2026 at 2:00 PM (CDT)
Recommendation for Award	May 27, 2026 (tentative)
Submit Sealed Proposal to:	The Eastern Iowa Airport Administrative Office 2121 Arthur Collins Pkwy SW Ste 10 Cedar Rapids, IA 52404
Method of Submittal:	Mail or Overnight Delivery or In Person (Fax or e-mailed proposals **are not** acceptable)
Contact Person, Title:	Daniel B. Brown, Director of Operations
E-mail Address:	d.brown@flyCID.com
Phone:	(319) 731-5718

REQUEST FOR QUOTATIONS

1. PURPOSE

The Cedar Rapids Airport Commission ("**Commission"**), as owner and Operator of the Eastern Iowa Airport ("**Airport" or "CID"**), is hereby soliciting Quotations from interested and experienced contractors ("**Contractor**") capable of providing East T-Hangar Roof Rehabilitation (Hangar 1) ("**Work"**) at the Airport.

The successful respondent will be expected to perform the following Work:

- Clean, patch, and tighten loose and replace missing fasteners of the existing metal roof.
- Remove and replace roof panels with interior spray foam insulation applied (one unit indicated on Project Location Map) or patch roof panels and apply exterior spray polyurethane foam (DC315 by PPG Coatings or approved equal).
- Furnish and install a metal roofing acrylic/urethane restoration system over approximately 17,400 square feet.
- Restoration system shall carry a minimum 15-year manufacturer's warranty covering the complete acrylic and polyurethane coating system.

After review, the Contractor with the lowest responsive and responsible Proposal will be awarded a contract to provide the Work at the Airport.

The Contractor shall be capable of supplying equipment, personnel, and expertise to ensure coordinated, expeditious and safe rehabilitation of the East T-Hangars (Hangar 1) roof at the Airport.

Any proposals that are submitted and not properly sealed and marked as "Request for Quotation - East T-Hangar Roof Rehabilitation (Hangar 1)" will be rejected.

2. PROJECT DESCRIPTION

The project is located at 10108 18th Street SW, Cedar Rapids, IA and is within the airport security fence.

The Contractor will be engaged by the Commission to repair, patch, replace select portions indicated, and clean the metal roof on Hangar 1 of the East T-Hangars. Upon completion of all repairs and cleaning, the Contractor shall furnish and install a metal roofing restoration system over approximately 17,400 square feet. The restoration system shall carry a minimum 15-year manufacturer's warranty covering the complete acrylic and polyurethane coating system.

3. REQUEST FOR QUOTATION SUBMISSION

Deliver To: The Eastern Iowa Airport
Administrative Office
2121 Arthur Collins Pkwy SW Ste 10
Cedar Rapids, IA 52404

Proposers shall submit their proposal on the provided Proposal Form included as Attachment 2.

4. PRE-QUOTATION SITE VISIT

There will be a Pre-Quotation Site Visit **Wednesday, May 13, 2026 at 2:30 PM CDT.** Interested parties may meet at the East T- Hangar.

5. INSURANCE AND INDEMNIFICATION REQUIREMENTS

The Contractor shall purchase and maintain insurance in accordance with the insurance requirements set forth in *Attachment 1* to protect the Contractor and the Commission throughout the duration of the Contract. The Contractor shall not commit any act which could invalidate any policy of insurance. The Contractor shall defend, indemnify, and hold harmless the Commission in accordance with the indemnification requirements set forth in Attachment 1. The Contractor will be subject to all terms and provisions set forth in Attachment 1. All Contractors that submit a proposal will be required to accept and comply with Attachment 1, Insurance and Indemnification Requirements if selected. This requirement is not subject to negotiation.

Prior to beginning work at the Airport, Contractor shall provide certificates of insurance, and complete copies of all applicable insurance policies, including endorsements, showing that the Contractor has obtained the insurance required by the attachments to the RFQ. Contractor will be required to provide all required insurance limits requested by each individual Carrier.

6. FORM OF CONTRACT

The Contract to be executed between the Commission and Contractor are subject but not limited to the following federal provisions, as applicable:

1. Title VI of the Civil Rights Act of 1964
2. Civil Rights Title VI Assurances
3. Section 520 of the Airport and Airway Improvement Act of 1982
4. DOT Regulation 49 CFR Part 18.36 and 18.42 - Access to Records and Reports
5. DOT Regulation 49 CFR Part 20- Lobbying & Influencing Federal Employees
6. DOT Regulation 49 CFR Part 26-Disadvantaged Business Enterprises Participation
7. DOT Regulation 49 CFR Part 29- 2 CFR Part 1200 Department of Transportation
8. Implementation of OMB Guidance on Non-procurement Suspension and Debarment
9. DOT Regulation 49 CFR Part 30- Federal Trade Restriction Clause.
10. Civil Rights: General - 49 USC §47123
11. Federal Fair Labor Standards Act (Minimum Wages) – 29 USC §201
12. Occupational Safety and Health Act – 29 CFR Part 1910

The contents of this RFQ, of a proposal submitted in response thereto, and of the Commission's official response to a question, objection, or request for clarification or interpretation regarding the RFQ, and of any exception to the RFQ submitted by the Contractor and accepted by the Commission, shall become part of the contractual obligation, and shall be deemed incorporated by reference into the ensuing Contract. See Attachment 3 for the Form of Contract.

7. SCOPE OF WORK:

The Commission is seeking the following Work: East T-Hangar Roof Rehabilitation (Hangar 1):

1. Clean, patch and tighten loose and replace missing fasteners of the existing metal roof on Hangar 1 of the East T-Hangars.
2. Remove and replace roof panels with interior spray foam insultation applied (one unit indicated on Project Location Map) or patch roof panels and apply exterior spray polyurethane foam (DC315 by PPG Coatings or approved equal).
3. Furnish and install a metal roofing acrylic/urethane restoration system over approximately 17,400 square feet.
4. Restoration system shall carry a minimum 15-year manufacturer's warranty covering the complete acrylic and polyurethane coating system.

8. WORKER'S COMPENSATION AND EMPLOYER'S LIABILITY INSURANCE

The employees of the Contractor and its subcontractors engaged in performing the Services shall be employees of the Contractor or its successors or permitted assigns for all purposes and shall under no circumstances be deemed to be employees of any Carrier or the Commission. All related wages, taxes, insurance, and fees are the responsibility of the Contractor. Part time employees who are also employed in other capacities on the airfield or elsewhere are the sole responsibility of the Contractor while on duty and going to work or returning from work of the Contractor. The Contractor accepts full and exclusive liability for the payment of Worker's Compensation and employer's insurance premiums with respect to such employees.

9. AIRPORT SECURITY REQUIREMENTS

The Contractor shall fully comply with all FAA regulations, including Homeland Security, TSA security requirements, Airport Rules and Regulations, and the Airport Security Plan for the Airport. Employees shall be suitably trained and badged in accordance with Airport security procedures and regulations and shall fully comply with 49 C.F.R. 1542, "Airport Security" regarding conduct and access to the Airport Operations Area ("**AOA**") and other identified secured areas of the Airport. See Attachment 2 for Airport Security, including badging, requirements.

10. CONFLICTS OF INTEREST

It is the intent of the Commission that its members adhere to high levels of ethical conduct. Should the Commission discover that a respondent has taken part in unethical behavior, the Commission reserves the right to reject any or all portions of the suspected submitted proposal.

11. EVALUATION AND AWARD OF CONTRACT

It is the intent of the Commission, if this Contract is awarded, to award this Contract to the lowest responsive and responsible Company considering quality, performance, and the time specified for performance. The Commission shall decide which is the best Company and, in determining such Company, the following elements may be considered: Whether the Company involved: (a) maintains a permanent place of business; (b) has adequate plant equipment to provide the equipment properly and expeditiously; (c) has a suitable financial status to meet obligations incident to the provision of the equipment; and (d) has appropriate technical experience.

In addition, until the award of a Contract is made, the Commission reserves the right to reject any or all quotes, waive technicalities, if such waiver is in the best interest of the Commission; or advertise for new quotes. All such actions shall promote the Commission's best interests.

12. CONTACT PERSON

Any questions concerning the quotations should be submitted in writing to Daniel B. Brown, Director of Operations at d.brown@flyCID.com.

13. REQUESTS FOR CLARIFICATION OR INTERPRETATION AND QUESTIONS

After issuance of an RFQ, persons or entities who intend to respond to such RFQ by submission of a Proposal, and who have questions regarding the RFQ, or who object to any term, provision, or requirement of the RFQ, or who desire clarification or interpretation of any term, provision, or requirement of the RFQ, may submit such questions, objections, or requests for clarification or interpretation to the Contact Person named above no later than the date indicated. Such questions, objections, requests for clarification or interpretation shall be submitted in writing and shall clearly identify the individual or entity submitting same, including the name, address, telephone number, and e-mail address, if any, of such person or entity.

14. ISSUANCE OF ADDENDA TO RFQ

The Commission will respond in writing to all questions, objections, requests for clarification or interpretation presented to the Commission as provided above or raised or presented at the pre-quotation site visit as provided above. Only the Commission's written responses shall be considered the Commission's official response binding upon the Commission. In addition to making a written response, the Commission may issue addenda amending the RFQ by changing, deleting, or adding terms, provisions, or requirements to the RFQ.

Written answers to all written inquiries will be posted to the Airport's website. In no case will verbal communications override written responses or requirements of this RFQ.

15. NON-COLLUSION AFFIDAVIT REQUIRED

Any collusion among Proposers or prospective Proposers in restraint of freedom of competition by agreement to propose a fixed price or otherwise will render the Proposal of such Proposers void. Proposers will be required to execute and submit with their Proposal a Non-Collusion Affidavit in the form appended hereto as Attachment 5. Any disclosure by one Proposer to another Proposer of the content of a proposal in advance of the submission of qualifications will render the qualifications of both Proposers void and may at the discretion of the Director of Operations render the RFQ proceedings void.

16. ATTACHMENTS

A. Attachment 1: Cedar Rapids Airport Commission Standard – Major Insurance & Indemnification Requirements

B. Attachment 2: Airport Security Requirements

C. Attachment 3: Form of Contract

D. Attachment 4: Proposal Form

E. Attachment 5: Non-Collusion Affidavit

17. EXHIBITS

A. Exhibit A: Project Location Map
B. Exhibit B: Technical Specifications

ATTACHMENT 1
MAJOR INSURANCE AND INDEMNIFICATION REQUIREMENTS

1. GENERAL

The Contractor shall purchase and maintain insurance to protect the Contractor and COMMISSION throughout the duration of the Contract. Said insurance shall be provided by insurance companies "admitted" or "nonadmitted" to do business in the State of Iowa having no less than an A. M. Best Rating of "A-." All policies, except professional liability, shall be written on an occurrence basis and in form and amounts satisfactory to the COMMISSION. Certificates of Insurance confirming adequate insurance coverage shall be submitted to the COMMISSION prior to Contract execution or commencement of work and/or Work.

2. INSURANCE REQUIREMENTS

A. WORKER'S COMPENSATION & EMPLOYER'S LIABILITY INSURANCE: The Contractor shall procure and maintain Worker's Compensation Insurance, including Employer's Liability Coverage, both written with State of Iowa statutory limits. Employer's liability limits of $1,000,000/$1,000,000/$1,000,000 are required. ***Waiver of Subrogation in favor of the COMMISSION is required.***

B. COMMERCIAL GENERAL LIABILITY INSURANCE: The Contractor shall procure and maintain Commercial General Liability insurance on an occurrence basis with limits of liability not less than $1,000,000 per occurrence and $2,000,000 aggregate limit covering Personal Injury, Bodily Injury and Property Damage. Coverage shall include: (a) Contractual Liability, (b) Premises and Operations, (c) Products and Completed Operations, (d) Independent Contractors Coverage, (e) Personal and Advertising Injury and (f) Explosion, Collapse and Underground - XCU (when applicable). The COMMISSION shall be included as an Additional Insured on this policy. ***Waiver of Subrogation in favor of the COMMISSION is required.***
Coverage shall be no less comprehensive and no more restrictive than the coverage provided by ISO standard Commercial General Liability Policy form ISO CG 0001 including standard exclusions or a non-ISO equivalent form.

C. PROFESSIONAL LIABILITY INSURANCE: Not Required.

D. UMBRELLA/EXCESS LIABILITY INSURANCE: The General Liability and Automobile Liability Insurance requirements above may be satisfied with a combination of primary and Umbrella or Excess Liability Insurance. If the Umbrella or Excess Insurance policy does not follow the form of the primary policies, it shall include the same endorsements as required of the primary policies. In addition to primary policy limits, Contractor shall procure and maintain Umbrella or Excess Insurance limits of no less than $5,000,000. ***Waiver of Subrogation in favor of the COMMISSION is required.***

E. COMMERCIAL AUTOMOBILE LIABILITY INSURANCE: with a combined single limit for bodily injury and property damage of not less than $1,000,000 with respect to owned, leased, hired, and non-owned vehicles assigned to or used in performance of this Operating Agreement.

F. CYBER LIABILITY: for loss to the Owner due to data security and privacy breach, including costs of investigating a potential or actual breach of confidential or private information on an "occurrence" basis with a combined single limit per occurrence of $1,000,000.

G. AIRCRAFT/WATERCRAFT LIABILITY INSURANCE: If Contractor or any of its Subcontractors or agents will operate aircraft or watercraft in the scope of the Work, a policy of aircraft and watercraft insurance shall be provided on a standard form providing coverage for bodily injury (including death) and property damage for aircraft and watercraft applicable to all owned, non-owned and hired aircraft and watercraft. Minimum Limits: US $5,000,000 combined single limit per occurrence. If Contractor or any of its Subcontractors or agents will operate an Unmanned Aerial Vehicle ("UAV"), a policy of UAV insurance shall be provided on a standard form providing coverage for bodily injury (including death) and property damage on an "occurrence" basis with a combined single limit per occurrence of $1,000,000. This coverage may also be provided by endorsement to a Commercial General Liability policy.

H. ADDITIONAL INSURED ENDORSEMENT: The General Liability Insurance and Automobile Liability Insurance policies shall include the COMMISSION as an Additional Insured. The General Liability Insurance policy shall include standard ISO endorsements CG 20 26 07 04 and CG 20 37 07 04 or their ISO/non-ISO equivalents. The Contractor's insurance shall be primary to that of the COMMISSION and noncontributory to any other insurance or similar coverage available to the COMMISSION whether the other available coverage is primary, contributing or excess. Any certificates of insurance furnished in accordance with this Operating Agreement shall specify the Commission and its subsidiaries and affiliates, and their respective officers, directors, shareholders, agents and employees have been added as additional insured as required under the Operating Agreement.

I. CANCELLATION & NONRENEWAL NOTIFICATION ENDORSEMENT: The Worker's Compensation & Employer's Liability Insurance, General Liability Insurance, Professional Liability Insurance, Umbrella/Excess Insurance and Contractual Liability Insurance policies shall be endorsed to provide the COMMISSION with no less than thirty (30) days Advance Written Notice of Cancellation or Nonrenewal. ***Written notifications shall be sent to: Cedar Rapids Airport Commission, Airport Director, 2121 Arthur Collins Pkwy SW, Ste 10, Cedar Rapids, IA 52404.***

J. WAIVER OF SUBROGATION: To the fullest extent permitted by law, Contractor hereby releases the COMMISSION, including its appointed officials, employees, volunteers and others working on its behalf, from and against any and all liability or responsibility to the Contractor or anyone claiming through or under the Contractor by way of subrogation or otherwise, for any loss without regard to the fault of the COMMISSION or the type of loss involved including loss due to occupational injury. This provision shall be applicable and in full force and effect only with respect to loss or damage occurring during the time of this Operating Agreement. The Contractor's Workers Compensation Insurance and General Liability Insurance policies shall contain either a policy provision or endorsement affirming the above stated release in favor of the COMMISSION including its appointed officials, employees and volunteers, and others working on its behalf.

K. PROOF OF INSURANCE: The Contractor shall provide to the COMMISSION Certificates of Insurance evidencing all insurance coverage as required in paragraphs A through F above utilizing the latest version of the ACORD form. The Certificate(s) of Insurance shall specify the Title of the Operating Agreement under "Description of Operations/Locations/Vehicle/Special Items". A Copy of the Cancellation and Nonrenewal Notification Endorsement shall be submitted with the Certificates of Insurance. ***Mail Certificates of Insurance to: Cedar Rapids Airport Commission, Airport Director, 2121 Arthur Collins Pkwy SW, Ste 10, Cedar Rapids, IA 52404.***

L. AGENTS, SUBCONSULTANTS AND SUBCONTRACTORS: The Contractor shall require that any of its agents, subconsultants and subcontractors who perform work and/or Work on behalf of the Contractor purchase and maintain the types of insurance customary for the Work being provided.

M. OCCURRENCE VS. CLAIMS-MADE. All policies must be written on an occurrence basis.

3. INDEMNIFICATION REQUIREMENTS

For purposes of this Section 3, the term "COMMISSION" means the Cedar Rapids Airport Commission and its appointed officials, agents, employees, volunteers, and others working on its behalf. For other than professional services rendered, to the fullest extent permitted by law, Contractor agrees to defend, pay on behalf of, indemnify, and hold harmless the COMMISSION against any and all claims, demands, suits, damages or losses, together with any and all outlay and expense connected therewith including, but not limited to, attorneys' fees and court costs that may be asserted or claimed against, recovered from or suffered by the COMMISSION by reason of any injury or loss including, but not limited to, personal injury bodily injury including death, property damage including loss of use thereof, and economic damages that arise out of or are in any way connected or associated with Contractor's work or services under this Contract, including that of its officers, agents, employees, subconsultants, subcontractors and others under the control of Contractor, except to the extent caused by or resulting from the negligence of the COMMISSION.

Contractor's obligation to indemnify the COMMISSION contained in this Contract is not limited by the amount or type of damages, compensation or benefits payable under any workers' compensation acts, disability benefit acts, or other employee benefits acts.

The COMMISSION shall not be liable or in any way responsible for any injury, damage, liability, claim, loss or expense incurred by Contractor to the extent caused by Contractor's work or services under this Operating Agreement, including that of its officers, agents, employees, subconsultants, subcontractors and others under the control of Contractor, except arising out of or in any way connected with the sole negligence of the COMMISSION.

Contractor expressly assumes responsibility for any and all damage caused to COMMISSION property to the extent caused by Contractor's work or services under this Operating Agreement, including that of its officers, agents, employees, subconsultants, subcontractors and others under the control of Contractor.

Contractor shall ensure that its activities on COMMISSION property will be performed and supervised by adequately trained and qualified personnel and Contractor will observe all applicable safety rules.

ATTACHMENT 2
AIRPORT SECURITY REQUIREMENTS

A. This project will take place in the Airport's Airport Operations Area (AOA). A minimum of four workers shall obtain an Airport Photo-Identification badge. The contractors may drive their marked vehicles in the non-movement area.

B. Description of Requirements
This Section describes provisions of the Airport's security measures that are applicable to Contractor's operations.

1. Providing adequate security of the project site, equipment, and materials is the Contractor's sole responsibility. Except as otherwise indicated, the use of alternative security methods of facilities, equivalent to those specified, is the Contractor's option, subject to the Owner's acceptance.

2. Comply with governing regulations for the operations of security, including the rules and recommendations of fire departments, police, rescue squads, watchman services and similar local organizations and companies, and the Owner.

3. Provide security at the times first needed at the site; and maintain, expand and modify the facilities as needed throughout the construction period.

4. Use security services in a safe, lawful, and publicly acceptable manner, which will not interfere unduly with performance of the work, the operation of the Airport nor result in other deleterious effects.

5. Changes can be mandated at any time by the Transportation Security Administration, the Eastern Iowa Airport, or other governing bodies. The Contractor will be required to comply with all such changes. The Contractor will be given notice of the effective date of a change.

C. Security at the Eastern Iowa Airport (The EIA)

1. General Philosophy: The EIA conducts its security operations in a serious manner and incorporates its mandated security directives to the letter. The management of the Airport fully expects all Tenants and Contractors to help enforce security regulations. The EIA strictly enforces the requirements on issuance and use of Airport identification/access media. Companies and individuals found to be in non-compliance with rules and regulations outlined in this manual may face revocation of access privileges and/or prosecution.

2. Role of the U.S. Government in Airport Security: The Transportation Security Administration (TSA) through several Transportation Security Regulations (TSR) has the regulatory power to assess fines for breaches of airport security. Accordingly, if the Contractor is found culpable for security breaches, fines assessed to the Airport will be collected from the Contractor.

D. Secured Areas at the Eastern Iowa Airport

1. Security Identification Display Area (SIDA) / Secured Area: Not Applicable to this project.

2. Air Operations Area (AOA): Area designed and constructed for the landing, take-off, and surface maneuvering of aircraft. The AOA has been divided into areas and numbered. A tall chain-link fence surrounds the AOA. In these areas, authorized personnel must continuously display an airport identification medium on his/her outermost garment, unless under escort.

3. Sterile Area: Not Applicable to this project.

E. Contractor Responsibilities

1. A person or a company acting as a general contractor is directly responsible to the Airport for authorizing his/her employees and the employees of the sub-contractors into the SIDA or AOA. The general contractor shall also account for photo-ID badges and controlled keys that are issued to his/her employees and the subs' employees. The Contractor shall collect all Airport photo-ID badges from his/her employees at the conclusion of the project and return them to the Airport Bagding Office. The General Contractor shall ensure that all photo-ID badges issued to his sub-contractors are returned to the Airport Badging Office. This policy also applies to Airport-owned keys. If the badge and/or key is not returned, the contractor will be invoiced for its cost at 200 dollars for a badge and 70 dollars for a key. If the invoice is not paid within 10 days after receipt by contractor, said amount may be withheld by the owner from the contractor's final payment.

2. Each contractor employee is responsible for challenging unidentified or suspicious persons or vehicles that are not displaying the appropriate permit or identification medium in his area, and promptly reporting such incidents to the Public Safety Department, telephone 319-731-5722. At the time of report, please give as much information concerning the individual or incident as possible.

3. Each contractor employee must immediately notify the Airport Public Safety Department when security-related facilities and equipment within the contractor's area are malfunctioning or not longer adequate to perform the control function.

4. No contractor employee may tamper or interfere with, compromise, modify, attempt to circumvent, or cause a person tamper or interfere with, compromise, modify, or attempt to circumvent any security system, measure, or procedure implemented at the EIA.

5. No contractor employee may enter, or be present within, a secured area, SIDA, AOA, or Sterile Area without complying with the systems, measures, or procedures being applied to control access to, or presence, or movement in, such areas.

6. No contractor employee may use, or allow to be used airport-issued access medium or identification medium that authorizes the access, presence, or movement of persons or vehicles in SIDA's, or AOA's in any other manner than that for which it was issued by the authority based in several Transportation Security Regulations (TSR) or the Airport Security Program (ASP).

7. Enforcement of Airport security will be through the Federal, State, City, and Airport codes. Prosecution can be a fine and/or imprisonment, lease violation, or impoundment of a vehicle.

8. The contractor and all sub-contractors entering or working in secure areas must have an Airport Photo-Identification Badge. Escorting of workers will be limited to 14 days onsite (total) by the non-badged worker.

F. Obtaining an Airport Photo-Identification Badge

1. The prime contractor shall submit a list of authorized people who are designated to receive an Airport Badge to the Director of Operations prior to starting the badge process. The list must include the following: sub-contractor company name, last name, first name, escort privileges (if needed). No one will start the badging process until the list has been submitted. All badges will be issued under the prime contractor.

2. Projects in the SIDA or Sterile Area: Not Applicable to this project.

3. Projects in the Non-Security Identification Display Area (Non-SIDA): This Area generally includes the remainder of the A.O.A. not in the SIDA. Each contractor employee designated to receive an Airport Photo-Identification Badge must accomplish an application form supplied by the Airport Badging Office, submit to a Security Threat Assessment, complete a one-hour to one-and-a-half hour online training session, and stand for the photo. The online training will be delivered through an individual email per individual with a certificate that will be presented to Airport Badging upon completion and at the time of standing for the photo. The badge making equipment is located at the Airport Badging Office in the Terminal. For additional information or to request forms, please contact the Airport Badging Office, 319-731-5733.

4. Contractors may receive “Escort” privileges through prior written request of the Airport Security Coordinator. If escorting privileges are given, a superintendent or foreman with a badge may escort an employee or group of employees for the duration of the project in non-secured areas, however escorting of employees will be limited to 14 days onsite (total) by the non-badged employee. An employee with escort privileges with a badge shall be present at all times during working hours.

5. Costs

    a. The Contractor shall pay a non-refundable fee of $85.00 to the EIA for fingerprinting, criminal history check, training, and badge printing for each employee who does <u>not</u> have a photo-ID badge at the EIA and will have unescorted access to the SIDA and the Airport Operations Area (AOA).

    b. The contractor shall pay a non-refundable fee of $10.00 to the EIA for badge printing for each employee who currently has a photo-ID badge at the EIA and will have unescorted access to the SIDA. The Airport Badging Office maintains a file of individuals possessing identification badges.

    c. The Contractor shall pay a fee of $200.00 to the EIA for every photo-ID badge <u>NOT returned</u> to the Airport Badging Office after the completion of a project.

    d. The Contractor shall pay a fee of $70.00 each door or gate key NOT returned and a fee of $25.00 for every core that needs to be changed.

e. In addition to the above fees, the general contractor and each subcontractor will be required to provide a $85.00 deposit to the EIA for each issued photo-ID badge and key to a maximum of $1,000 per organization. This deposit is fully refundable upon the return of all issued photo-ID badges and keys at the end of the project.

G. Security Requirements for SIDA and AOA

1. Personnel Access: The control of access and easy identification of authorized personnel in these areas is the primary tool of civil aviation security in preventing acts of unlawful interference against the airport/air carrier community. To this end, the Eastern Iowa Airport has defined two (2) types of lawful access for entry into restricted areas of the Airport:

a. Escorted Access

i. Any individual requiring access to a restricted non-public area of the Airport, who does not have in his possession at the time of access a recognized form of Airport Identification, must be under the general observation and control of an employee who has in his possession a valid Eastern Iowa Airport photo identification badge with escort privileges. A current badged personnel who does not have their badge at the time of access **CAN NOT** be escorted.

ii. The individual requiring escort must be escorted on, off and remain under the control of the properly badged employee with appropriate escort endorsement the entire time they are in the restricted area.

iii. Escort shall mean to accompany or monitor the activities of an individual who does not have unescorted access authority into or within a secured area or SIDA. The individual under escort must be visually and audibly monitored without any physical barriers.

b. Unescorted Access

i. Persons possessing a valid form of the Eastern Iowa Airport identification has unlimited and unescorted access to the work area in the restricted area(s) designated by the type of badge.

ii. This type of access is granted for permanent Airport employees and contract service employees who need to be in restricted areas for long or re-occurring periods.

2. Personnel Identification/Access Media: Rules and Regulations

a. All Airport-issued identification/access media is the property of the Eastern Iowa Airport.

b. No person may be issued any identification media that provides unescorted access to any SIDA unless the person has successfully completed training in accordance with a TSA approved curriculum, completed a criminal history background check, and an assessment from the TSA. This training for all holders

of owner issued/approved identification badges is mandatory and will take approximately one hour and a half to complete.

c. Badges will be issued to personnel whose duties require their presence in a restricted area of the Airport. Airport-issued identification badges will be displayed on outermost garment above the waist. Persons observed in the SIDA or AOA without proper credentials will immediately be arrested and charged with criminal trespass as specified under Iowa statute.

d. The Contractor shall report immediately to the Airport Public Safety Department information relating to any employee whose Airport issued identification badge is lost, stolen or misplaced or who is terminated. This policy ensures the lost or stolen ID is not used by unauthorized persons to gain access to a secured area.

e. The Contractor shall make every attempt to collect the Airport photo-ID badge from employees no longer employed by that company. If the badge cannot be collected, the Contractor shall report this information to the Airport Public Safety Department immediately, and shall be subject to fines. The contractor will be responsible for the entire badge population.

f. All badges will be collected by the end of the project and be held at the Public Safety building for purposes of warranty work.

H. Contractor Vehicles Operating in the SIDA or AOA

1. Contractors requiring access to non-movement areas of the AOA, shall complete a drivers training course for non-movement drivers.

2. Contractors requiring access to the movement area of the AOA, shall at a minimum complete the following:

a. Movement area driver's training course

b. Pass written exam

c. Pass practical exam

3. Contractor vehicles with access to the movement area shall have the following items provided by the contractor:

a. Company vehicle with logos of sufficient size to be recognizable from Control Tower.

b. A radio capable of providing two way contact with the Control Tower.

c. A yellow/amber rotating beacon operational at all times on the airfield.

4. Contractor Vehicles shall be escorted if the vehicle does not have the following:

a. A driver trained and authorized to drive the vehicle in the SIDA or AOA.

b. A driver with proper Airport Identification media.

c. Vehicles with company logo. Each contractor general-purpose vehicle must display a company logo on both sides of sufficient size to be recognizable to personnel in the Control Tower. Signs must be a minimum of 200 square inches and be approved by the Airport. Specialized construction equipment do not require signs.

5. The escort vehicle and driver must comply with the above requirements and regulations pertaining to escorted and unescorted access onto the AOA according to the Airport Security Program, the Airport Certification Manual and TSR Part 1542.207. The Airport Public Safety Department conducts driver training.

6. The Contractor is responsible for escorting subs and suppliers to the project site.

7. The Control Tower has overall control of ground vehicular traffic on lettered taxiways and runways. Vehicles must have two-way VHF radio communications, an operational requirement to drive on lettered taxiways and runways, and the vehicle driver must have movement area training. The vehicle driver wanting to enter a lettered taxiway or runway shall announce his/her intentions on the ground frequency, 121.6 MHz. Once entering a lettered taxiway or runway, the vehicle driver shall switch to frequency 118.7. Between 11:30 PM and 5:00 AM, the frequency shall be 118.7. Vehicles with two-way communication shall escort vehicles without two-way communication. Pedestrian traffic is likewise restricted. The Contractor will provide the VHF radios.

I. Contractor's Security

1. If applicable, the project plans will show the entry point(s), barricades, Contractor's staging area, employee's private vehicle parking area, and work area. The Contractor shall provide security for these areas. The Contractor is to provide to the Airport, for review and approval, all security measures, barricades, and other means to be taken to secure scheduled openings between the secure and non-secure areas, prior to creating the opening.

2. The Contractor shall provide a guard with unescorted access to control the access into the SIDA or AOA, if applicable. The guard shall have a contractor-provided cell phone to enable quick communication with the Airport Public Safety Department.

3. If the Contractor fails to provide adequate security or barriers at the breech or other openings between the secure and non-secure areas, the Airport will mandate a guard to be provided with the cost charged against the Contractor or project may be shut down at the discretion of the Airport Commission. The guard will remain until adequate security or barriers are provided or installed. The contractor is to notify the Owner immediately if a breech in security accidentally occurs.

4. The Airport provides security oversight and patrols of the Airport, but the Contractor should not rely on the patrols to provide full-time security. Security is the responsibility of the Contractor until such a time adequate security procedures are provided.

ATTACHMENT 3
FORM OF CONTRACT

THIS CONTRACT is made and entered into this _____ day of _____, 2026, by and between the CEDAR RAPIDS AIRPORT COMMISSION, CEDAR RAPIDS, IOWA, (hereinafter called the "**Commission**") and_____ (hereinafter called the "**Contractor**"), the Commission and Contractor are each a "**Party**" and collectively the "**Parties**".

WITNESSETH:

That the said Contractor has agreed, and by these presents does agree with the said Commission, for the consideration herein mentioned and under the provision of the Specifications to furnish all equipment, tools, materials, skill and labor of every description necessary to carry out and complete in a good, firm and substantial and workmanlike manner, the work specified, in strict conformity with the Request for Quotations, the Specifications, together with the foregoing Quote made by the Contractor, and this Contract, shall all form essential parts to this Contract.

1. SCOPE OF WORK

The work covered by this Contract includes all work described in the Quotation and the Specifications and listed in the conditions and specifications, to wit: _____.

2. COMPLETION OF WORK

Work shall be completed within 30 Calendar Days and no later than June 30, 2026. If said work is not completed within the time stated, the Contractor shall be liable and hereby agrees to pay the Commission as liquidated damages and not as a penalty, the amount of Two Hundred and No/100 Dollars ($200.00) per day as liquidated damages to the Commission.

3. PAYMENT

The Commission shall pay and the Contractor shall receive the price stipulated in the Quotation hereto attached as full compensation for everything furnished and done by the Contractor under this Contract, the full sum of _____ Dollars ($_____) based on the lump sum quote prices payable as set forth in the specifications constituting a part of this Contract.

A. The Commission will make payments on account of the Contract on or before the 10th day of each month that are equal to 97% of the value, based on Contract prices, of labor completed and materials installed up to the 28th day of the month preceding the payment date.

B. The Contractor shall, in connection with his preparation of this request for payment, submit to the Commission the appropriate affidavits specified under the laws of the State of Iowa for protection against the liens of material and labor.

4. TERMINATION FOR CAUSE AND DEFAULT

If through any cause, the Contractor shall fail to fulfill in a timely and proper manner its obligations or if the Contractor shall violate any of the terms or conditions of the Contract, the Commission shall thereupon have the right to terminate the Contract by giving written notice to the Contractor of such termination and specifying the effective date of termination. In that event, and as of the time notice is given by the Commission, all completed Work, reports, and delivered materials shall, at the option of the Commission, become its property, and the Contractor shall be entitled to receive compensation for any satisfactory Work completed. Notwithstanding the above, the Contractor shall not be relieved of liability to the Commission for damage sustained by the Commission by virtue of breach of the Contract by the Contractor and the Commission may withhold any payments to the Contractor for the purpose of set off until such time as the exact amount of damages due the Commission are determined.

5. TERMINATION FOR CONVENIENCE

The Commission may terminate the Contract at any time by giving written notice to the Contractor of such termination and specifying the effective date thereof, at least thirty (30) calendar days before the effective date of such termination. In that event, all finished or unfinished Work, reports, materials(s) prepared or furnished by the Contractor under the Contract shall, at the option of the Commission, become its property. If the Contract is terminated by the Commission as provided herein, the Contractor shall be paid for all Work which has been authorized, provided, and approved up to the effective date of termination. The Commission will not be subject to any termination fees from the Contractor.

6. WARRANTY

The Contractor warrants that all materials and workmanship furnished under this Contract shall be free from defects and shall conform to the Specifications for a period of not less than that indicated in the RFQ and commencing from the date of final acceptance. Warranty obligations shall include repair or replacement of defective work at no cost to the Commission.

7. INSURANCE

The Contractor shall maintain, at its own expense, insurance coverage of the types and limits required by the RFQ.

8. TAXES

The Commission is exempt from sales tax and certain other use taxes. Any charges for taxes from which the Commission is exempt will be deducted from invoices before payment is made. The Commission's Tax ID number is 42-6004336.

9. INDEMNIFICATION

To the fullest extent permitted by Iowa law, the Contractor shall indemnify, defend, and hold harmless the Cedar Rapids Airport Commission, its members, officers, and employees from and against any and all claims, damages, losses, and expenses arising out of or resulting from the performance of the work under this Contract, to the extent caused by the negligent acts or omissions of the Contractor or its subcontractors.

10. FEDERAL CONTRACT PROVISIONS

The Contractor shall comply with the federal provisions indicated in the RFQ.

11. SAFETY AND AIRPORT OPERATIONS

The Contractor shall conduct all work in a manner that does not interfere with airport operations and shall comply with all airport safety, security, and access requirements.

12. COMPLIANCE WITH LAWS

The Contractor shall comply with all applicable federal, state, and local laws, ordinances, rules, and regulations, including those of the State of Iowa applicable to public construction contracts.

13. FORCE MAJEURE

Force majeure shall be any of the following events: acts of God or the public enemy; compliance with any order, rule, regulation, decree, or request of any governmental authority or agency or person purporting to act therefore; acts of war, public disorder, rebellion, terrorism, or sabotage; floods, hurricanes, or other storms; strikes or labor disputes; or any other cause, whether or not of the class or kind specifically named or referred to herein, not within the reasonable control of the Party affected. A delay in or failure of performance of either Party shall not constitute a default hereunder nor be the basis for, or give rise to, any claim for damages, if and to the extent such delay or failure is caused by force majeure. The Party who is prevented from performing by force majeure shall be obligated, within a period not to exceed fourteen (14) days after the occurrence or detection of any such event, to give notice to the other Party setting forth in reasonable detail the nature thereof and the anticipated extent of the delay, and shall remedy such cause a soon as reasonably possible, as mutually agreed between the Parties.

14. ASSIGNMENT

The Commission and the Contractor each is hereby bound and the partners, successors, executors, administrators and legal representatives of the Commission and the Contractor are hereby bound to the other Party to the Contract and to the partners, successors, executors, administrators and legal representatives (and said assigns) of such other Party, in respect of all covenants, agreements and obligations of the Contract. Any assignment or attempt at assignment made without prior written consent of the Commission shall be void.

15. CONFLICT OF INTEREST

Contractor represents, warrants, and covenants that no relationship exists or will exist during the Contract period between the Contractor and the Commission that is a conflict of interest. No employee, officer or agent of the Contractor shall participate in the selection or in the award if a conflict of interest, real or apparent, exists. The provisions of Iowa Code Chapter 68B shall apply to the Contract. If a conflict of interest is proven to the Commission, the Commission may terminate the Contract, and Contractor shall be liable for any excess costs to the Commission as a result of the conflict of interest. The Contractor shall establish safeguards to prevent employees, consultants, or members of governing bodies from using their positions for purposes that are, or give the appearance of being, motivated by the desire for private gain for themselves or others with whom they have family, business, or other ties. The Contractor shall report any potential, real, or apparent conflict of interest to the Commission.

16. NON-COLLUSION

Neither the Contractor, nor anyone in the employment of the Contractor, has employed any person to solicit or procure the Contract nor will the Contractor make any payment or agreement for payment of any compensation in connection with the Contract. There is no contract, agreement or arrangement, either oral or written, expressed or implied, contemplating any division of compensation for work rendered under the Contract or participation therein, directly or indirectly, by any other person, firm or corporation, except as documented in the Contract. Neither the Contractor, nor anyone in the employment of the Contractor, has either directly or indirectly entered into any agreement, participated in any collusion or otherwise taken any action in restraint of free competitive procurement in connection with the Contract.

17. FEDERAL FLOW-DOWN REQUIREMENTS

The Contractor shall include all applicable federal contract provisions contained in this Contract and its Exhibits in every subcontract and material supply agreement unless exempt by law.

18. GOVERNING LAW AND VENUE

This Contract shall be governed by the laws of the State of Iowa. Venue for any action arising out of this Contract shall lie in Linn County, Iowa.

IN WITNESS WHEREOF, the parties hereto have executed this Contract in duplicate this _____ day of _____, 2026.

COMPANY	CEDAR RAPIDS AIRPORT COMMISSION
By:_____	By: _____
Title:_____	Title: _____
ATTEST:	ATTEST:
By:_____	By: _____
Title:_____	Title: _____

ATTACHMENT 4
PROPOSAL FORM

The undersigned Company has carefully examined the work described herein, has become familiar with the character and extent of the work; has carefully examined the Specifications which are acknowledged to be a part of this Request for Quote, the Proposal form, and the form of Contract; and thoroughly understands their stipulations, requirements and provisions.

The undersigned Company has determined the quality and quantity of materials required; determined the sources of supply of the materials required; has investigated labor conditions; and has arranged for the continuous prosecution of the work herein described.

The undersigned Company hereby agrees to be bound by the award of the Contract and, if awarded the Contract on this Quote, to execute within ten (10) days after notice of award, the required Contract, of which Contract, this Quote, and the Specifications shall be a part.

The undersigned Company further agrees to provide all necessary equipment, tools, labor, incidentals, and other means of construction to do all the work, and furnish all the materials of the specified requirements, which are necessary to complete the work in accordance with the Quote and the Specifications.

In submitting this quote, the Company has examined copies of all the quote documents and the following Addenda (receipt of which is hereby acknowledged);

DATE OF ADDENDA	ADDENDUM NUMBER
_____	_____
_____	_____

Quotation:
Lump Sum Price: _____
(numbers)

_____
(words)

_____
Name of Company

By_____
(Name and Title of Signing Official)

Business Address:

_____

_____

Phone_____ Email_____

NOTE: THIS FORM MUST BE COMPLETED AND SIGNED AS PART OF QUOTE.

ATTACHMENT 5
NON-COLLUSION AFFIDAVIT

The Contractor hereby certifies under penalty of perjury:

1. That this proposal is not affected by, contingent on, or dependent on any other proposal submitted for any improvement for the Cedar Rapids Airport Commission; and
2. That no individual employed by the Contractor was paid or will be paid by any person, corporation, firm, association, or other organization for soliciting the proposal, other than the payment of their normal compensation to persons regularly employed by the Contractor whose Work in connection with the making of this proposal were in the regular course of their duties for the Contractor; and
3. That no part of the compensation to be received by the Contractor was paid or will be paid to any person, corporation, firm, association, or other organization for soliciting the proposal, other than the payment of their normal compensation to persons regularly employed by the Contractor whose Work in connection with the making of this proposal were in the regular course of their duties for the Contractor; and
4. That this proposal is genuine and not collusive or sham; that the Contractor has not colluded, conspired, connived or agreed, directly or indirectly, with any other Contractor or person, to put in a sham proposal or to refrain from making a proposal, and has not in any manner, directly or indirectly, sought, by agreement or collusion, or communication or conference, with any person, to fix the proposal price of Contractor or any other Contractor, or to otherwise restrain freedom of competition, and that all statements in this proposal are true; and
5. That the individual executing this proposal has the authority to execute this proposal on behalf of the Contractor.

_____
Contractor

_____
Signature

By _____
Name (print/type)

_____
Title

_____
Street Address

_____
City, State, Zip Code

NOTE: THIS FORM MUST BE COMPLETED AND SIGNED AS PART OF QUOTE.

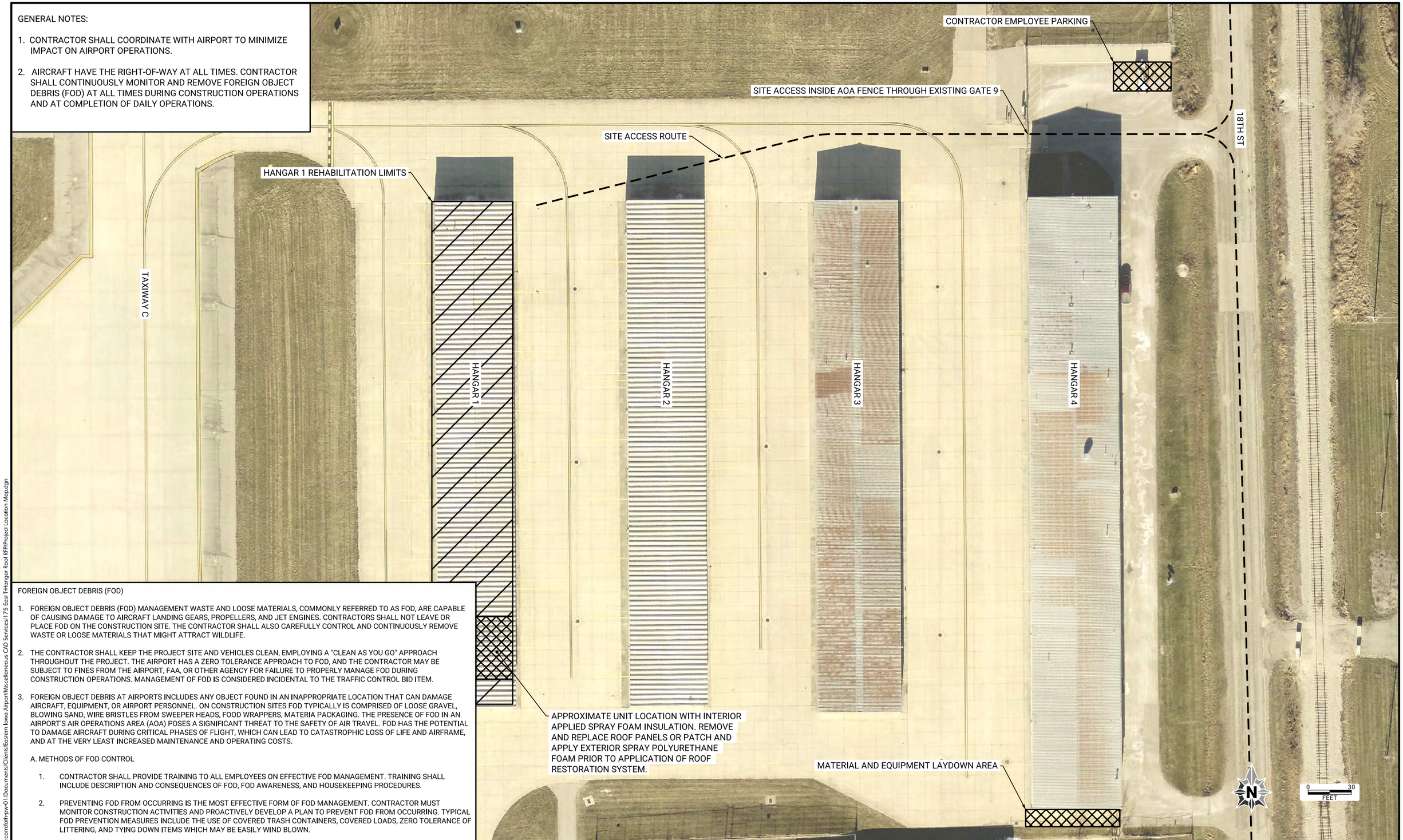
EXHIBIT A
Project Location Map

See next sheet, Plan Sheet 1

GENERAL NOTES:

1. CONTRACTOR SHALL COORDINATE WITH AIRPORT TO MINIMIZE IMPACT ON AIRPORT OPERATIONS.

2. AIRCRAFT HAVE THE RIGHT-OF-WAY AT ALL TIMES. CONTRACTOR SHALL CONTINUOUSLY MONITOR AND REMOVE FOREIGN OBJECT DEBRIS (FOD) AT ALL TIMES DURING CONSTRUCTION OPERATIONS AND AT COMPLETION OF DAILY OPERATIONS.



FOREIGN OBJECT DEBRIS (FOD)

1. FOREIGN OBJECT DEBRIS (FOD) MANAGEMENT WASTE AND LOOSE MATERIALS, COMMONLY REFERRED TO AS FOD, ARE CAPABLE OF CAUSING DAMAGE TO AIRCRAFT LANDING GEARS, PROPELLERS, AND JET ENGINES. CONTRACTORS SHALL NOT LEAVE OR PLACE FOD ON THE CONSTRUCTION SITE. THE CONTRACTOR SHALL ALSO CAREFULLY CONTROL AND CONTINUOUSLY REMOVE WASTE OR LOOSE MATERIALS THAT MIGHT ATTRACT WILDLIFE.

2. THE CONTRACTOR SHALL KEEP THE PROJECT SITE AND VEHICLES CLEAN, EMPLOYING A "CLEAN AS YOU GO" APPROACH THROUGHOUT THE PROJECT. THE AIRPORT HAS A ZERO TOLERANCE APPROACH TO FOD, AND THE CONTRACTOR MAY BE SUBJECT TO FINES FROM THE AIRPORT, FAA, OR OTHER AGENCY FOR FAILURE TO PROPERLY MANAGE FOD DURING CONSTRUCTION OPERATIONS. MANAGEMENT OF FOD IS CONSIDERED INCIDENTAL TO THE TRAFFIC CONTROL BID ITEM.

3. FOREIGN OBJECT DEBRIS AT AIRPORTS INCLUDES ANY OBJECT FOUND IN AN INAPPROPRIATE LOCATION THAT CAN DAMAGE AIRCRAFT, EQUIPMENT, OR AIRPORT PERSONNEL. ON CONSTRUCTION SITES FOD TYPICALLY IS COMPRISED OF LOOSE GRAVEL, BLOWING SAND, WIRE BRISTLES FROM SWEEPER HEADS, FOOD WRAPPERS, MATERIA PACKAGING. THE PRESENCE OF FOD IN AN AIRPORT'S AIR OPERATIONS AREA (AOA) POSES A SIGNIFICANT THREAT TO THE SAFETY OF AIR TRAVEL. FOD HAS THE POTENTIAL TO DAMAGE AIRCRAFT DURING CRITICAL PHASES OF FLIGHT, WHICH CAN LEAD TO CATASTROPHIC LOSS OF LIFE AND AIRFRAME, AND AT THE VERY LEAST INCREASED MAINTENANCE AND OPERATING COSTS.

   A. METHODS OF FOD CONTROL

      1. CONTRACTOR SHALL PROVIDE TRAINING TO ALL EMPLOYEES ON EFFECTIVE FOD MANAGEMENT. TRAINING SHALL INCLUDE DESCRIPTION AND CONSEQUENCES OF FOD, FOD AWARENESS, AND HOUSEKEEPING PROCEDURES.

      2. PREVENTING FOD FROM OCCURRING IS THE MOST EFFECTIVE FORM OF FOD MANAGEMENT. CONTRACTOR MUST MONITOR CONSTRUCTION ACTIVITIES AND PROACTIVELY DEVELOP A PLAN TO PREVENT FOD FROM OCCURRING. TYPICAL FOD PREVENTION MEASURES INCLUDE THE USE OF COVERED TRASH CONTAINERS, COVERED LOADS, ZERO TOLERANCE OF LITTERING, AND TYING DOWN ITEMS WHICH MAY BE EASILY WIND BLOWN.

CLIENT PROJECT NO: _____ FOTH PROJECT NO: _____
DESIGNED BY: _____ CHECKED BY: _____ DRAWN BY: _____
LETTING DATE: _____ CAD DATE: 5/4/2026 1:27:22 PM
CAD FILE: c:\pw_workdir\pw_ie\fvd_djs6\d0997234\Project Location Map.dgn

NO	DATE	BY	REVISION DESCRIPTION

EASTERN IOWA AIRPORT
FLYCID

THE EASTERN IOWA AIRPORT
EAST T-HANGAR REHABILITATION (HANGAR 1)
CEDAR RAPIDS, IA

PROJECT LOCATION MAP

SHEET NO.
1

pw://foth-pw.bentley.com:foth-pw-01/Documents/Clients/Eastern Iowa Airport/Miscellaneous CAD Services/175 East T-Hangar Roof RFP/Project Location Map.dgn

EXHIBIT B
Technical Specifications

ACRYLIC ROOF COATING FOR RESTORING AGED METAL ROOFING SYSTEMS

PART 1 - GENERAL

1.1 SUMMARY

A. This specification provides a remedial roof coating for application over existing weathered metal roofing systems of all profiles. Application is restricted to circumstances in which the metal panel substrate is in sound condition but requires a rejuvenation of the overall finish to prolong the useful life of the metal roofing system.

When properly applied in conjunction with seam restoration and fastener replacement, the GacoFlex 127 Series Acrylic Roof Coating provides a weathertight seal that protects the substrate from degradation caused by normal weathering hazards.

B. Suitable metal surfaces to receive GacoFlex 127 Series Acrylic Roof Coating is limited to steel (aged at least one year or treated galvanized steel), anodized aluminum, and pre-finished metal (other than siliconized and fluorocarbon finishes). Not intended for low-slope applications (< 2:12) or over surfaces prone to ponding water.

1.2 SUBMITTALS

A. PRODUCT DATA:
Submit manufacturer's standard submittal package including specification, installation instructions, and general information for each waterproofing material.

B. APPLICATOR QUALIFICATIONS:
Submit current Letter of Good Standing from the specified waterproofing manufacturer.

C. SUBSTRATE CONDITIONS:

1. Applicator to present to owner a completed inspection report verifying substrate condition and any noted defects not specifically addressed in regard to the installation of the coating.

2. Surface shall be free from loose dirt, stone, debris, moisture, and shall be in stable condition. Any work on the area to receive this application shall be completed prior to the installation of the coating.

1.3 QUALIFICATIONS

A. Primary waterproofing materials shall be the products of a single manufacturer. Secondary materials shall be recommended by the primary manufacturer. The manufacturer shall have a minimum of ten (10) years' experience in the manufacture of materials of this type.

B. Applicator shall have a minimum of five (5) years' experience in the application of waterproofing materials of the type specified. The Applicator shall possess a current Letter of Good Standing from the specified waterproofing manufacturer.

C. Materials other than those specified shall be submitted to the owner for approval no later than ten (10) days prior to the bid date. In requesting prior approval, it shall be necessary to submit:

1. A letter of certification, signed by an officer of the manufacturer, stating that the alternate material is equal to or better than the specified product.

2. Independent laboratory test data giving physical property values in comparison to the specified material.

D. PRE-INSTALLATION CONFERENCE:
Prior to the commencement of the installation, meet at the jobsite with a representative of the coating manufacturer, Applicator, general contractor, owner, and other parties affected by this section. Review the methods and procedures, substrate conditions, scheduling, and safety.

1.4 DELIVERY, STORAGE AND HANDLING

A. Owner/owner's representative shall reject damaged or non-conforming materials. Rejected materials must be removed immediately from the job site.

B. Store the coating materials as recommended by the manufacturer and conforming to applicable safety regulatory agencies: town or city, state, and federal. Refer to all applicable data including, but not limited to: Safety Data Sheets, Product Data Sheets, product labels, and specific instructions for personal protection.

C. Provide adequate ventilation, protection from hazardous fumes, and overspray potential to workers and associated trades in close proximity of the site application.

1.5 WARRANTY

A. Manufacturer warrants that the material supplied will meet or exceed physical properties as published. The Applicator guarantees that workmanship will be free of defects in coating application.

B. **PROVIDE A FIFTEEN (15) YEAR LABOR AND MATERIAL WARRANTY. SHALL BE OBTAINED THROUGH THE MANUFACTURER.**

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. ACCEPTABLE MANUFACTURERS:
Gaco, www.gaco.com – Manufactured by Amrize Building Envelope LLC
or Owner approved equal.

2.2 MATERIALS

A. CLEANER:
All cleaning products shall be suitable for use around aircraft.

B. FLASHING:
1.) GacoFlex™ H.E.R.
2.) GacoFlex™ 133 Acrylic Sealant
3.) GacoSeal™ 7120 Polyurethane Sealant
4.) GacoFlex™ 2100MS Silyl-Modified Sealant
5.) TieTex Polyester Fabric

C. FLASHING (EXPOSED FASTENERS):
1.) GacoFlex™ H.E.R.
2.) GacoFlex™ 133 Acrylic Sealant
3.) GacoSeal™ 7120 Polyurethane Sealant

D. PRIMER:
GacoFlex Acrylic Metal Rust Primer *(as needed)*
(GacoFlex E5320 2-Part Primer/Filler is an acceptable alternate)

E. ACRYLIC COATING:
Meets the following minimum physical property specifications:

GacoFlex 127 Series | Acrylic Roof Coating			
PROPERTY	***PER ASTM D-6083***		

Colors	White, Gray & Energy Tan
Percent Solid:	53% by Volume, 65% by Weight
Viscosity:	17000-21000 cps
Elongation:	Initial 325%, Aged 225%
Tensile Strength:	Initial 257 psi, Aged 420 psi
Low Temperature Flexibility	Pass @ -15°F (-26.1°C)
Permeance	Perms 7.4

Weight/Gallon	11.6 lbs.
VOC Content	26.4 g/L
Fungi Resistance	Zero Rating
Water swell	4.3%
Cure Time	8-24 hours to recoat
Reflectance	Initial 0.87, 3 Year aged 0.79 (White only)
Emittance	Initial 0.87, 3 Year aged 0.89 (White only)
SRI (White)	Initial 110, 3 Year aged 99 (White only)

PART 3 - EXECUTION

3.1 EXAMINATION

A. Metal panels must be structurally sound and securely fastened. Severe oxidation may render some panels unsuitable to serve as a proper substrate for the coating and should be replaced as needed.

B. Verify that substrate is ready to receive work; surface is clean, dry, and free of substances that could affect bond.

3.2 PREPARATION

NOTE: IT IS EXTREMELY IMPORTANT FOR THE ROOF TO BE CLEAN AND DRY.

A. Inspect metal fasteners and retighten where possible. Where fasteners are stripped out, missing, corroded, or neoprene grommets are deteriorated, replace with oversize screws. Inspect horizontal and vertical seams, panel end laps, and tension bars/straps. Where necessary, remove fasteners to separate the panels, remove existing sealant, add new butyl caulk, and re-secure with new fasteners to create a water-tight compression seal.

B. Remove heavy deposits of dirt, leaves and other debris from the roof using a stiff broom. Then apply cleaner according to label instructions with sprayer of choice. Use a commercial power washer >3,000 psi (21 MPa) to remove debris and continue rinsing until cleaner is gone. Start at the highest point of the roof and work towards the lowest point. After cleaning and rinsing the roof, ensure no dirt or debris is present.

C. BIOLOGICAL CONTROL:
Areas of algae, mildew or fungus on the roof or an existing coating should be treated with a solution of 1-part household bleach to 3-parts water, followed by a power wash rinse using clean water.

D. DRYING:
Do not apply GacoFlex coating materials to wet surfaces. Make sure roof surface is completely dry, clean, and free of dirt, grease, biological soiling, and paint residue before coating. Apply GacoFlex 127 Series Roof Coating only when air, material, and surface temperatures are between 50 °F – 110 °F (10 °C – 43 °C).

NOTE: Apply product in the morning to allow for maximum dry time during daylight hours. If roof temperature exceeds 100 ºF (38 °C), a light mist of water may be used to increase working time. GacoFlex 127 Series Roof Coatings may be applied with a 3/8 in (10 mm) nap roller, brush, or airless sprayer.

E. Structurally sound metal panels with moderate to extensive oxidation should be cleaned and/or lightly abraded to remove loose surface rust and treated with a GacoFlex Acrylic Metal Rust Primer to help prevent corrosion from spreading.

3.3 INSTALLATION

A. TECHNICAL ADVICE:
The installation of coating shall be accomplished with the advice of, the manufacturer's technical representative. Contact Technical Services for assistance.

B. REPAIRS:
Repair all leaks and seal flashings in the existing substrate using like materials as recommended by the original manufacturer before applying GacoFlex 127 Series Roof Coatings. Newly repaired areas may require a suitable GacoFlex primer.

C. AT ALL FLASHING SEAMS, CORNERS, AND VERTICAL/SIDE LAPS, CHOOSE ONE OF THE FOLLOWING:

1. Apply GacoFlex H.E.R. at the approximate rate of 70 LF / gal and 3 in (76 mm) wide, crested and centered at the seam. Achieve an average minimum WFT of 64 mils when measured at center at all areas to receive flashing. Allow to dry a minimum of twelve (12) to twenty-four (24) hours at 75 °F (23.9 °C) and 45 % R.H. Weather-related conditions such as frost, dew, mist, condensation, humidity, and temperature must be taken into consideration prior to coating. Temperature should be above 40 °F (4.45 °C) more than 5 °F (2.8 °C) above the dew point and rising, for best application results. Allow to dry for a minimum of 4 – 6 hours (at 75 ºF (24 °C) and 50% RH) before proceeding to the next step of installation. Low temperatures or high humidity conditions will extend dry times

   NOTE: Refer to manufacturer's product instructions and/or data sheet for important information regarding drying times and other important factors to consider regarding application.

D. AT HORIZONTAL SEAMS/END LAPS CHOOSE ONE OF THE FOLLOWING:

1. Apply GacoFlex H.E.R. at the approximate rate of 70 LF / gal and 3 in (76 mm) wide, crested and centered at the seam. Achieve an average minimum WFT of 64 mils when measured at center at all areas to receive flashing. Allow to dry a minimum of twelve (12) to twenty-four (24) hours at 75 °F (23.9 °C) and 45 % R.H. Weather-related conditions such as frost, dew, mist, condensation, humidity, and temperature must be taken into consideration prior to coating. Temperature should be above 40 °F (4.45 °C) more than 5 °F (2.8 °C) above the dew point and rising, for best application results. Allow to dry for a minimum of 4 – 6 hours (at 75 ºF (24 °C) and 50% RH) before proceeding to the next step of installation. Low temperatures or high humidity conditions will extend dry times

   NOTE: Refer to manufacturer's product instructions and/or data sheet for important information regarding drying times and other important factors to consider regarding application.

E. FOR ALL EXPOSED FASTENERS CHOOSE ONE OF THE FOLLOWING:

1. Apply GacoFlex H.E.R. as received to all exposed fasteners. Ensure complete encapsulation of each exposed fastener and eliminate any voids/air pockets between flashing product, fasteners, and surrounding substrate components. Allow to cure for a minimum of twelve (12) – twenty-four (24) hours at 75 °F (24 °C) and 55 % R.H.

   NOTE: Refer to manufacturer's product instructions and/or data sheet for important information regarding drying times and other important factors to consider regarding application.

F. PRIMER: GACOFLEX ACRYLIC METAL RUST PRIMER

1. **APPLICATION :** Recommended application on smooth surfaces is to spray apply in one wet full coat to a wet film thickness of 8 wet mils 0.5 gallon (1.89 liters) per 100 square feet. Minimum recommended dry film thickness is 4 mil. A "tack" coat is not recommended. On porous or very rough surfaces, it may be beneficial to back roll or brush a first coat to work the primer into the surface with mechanical action. This should be followed by a spray applied full wet coat. Alternatively, rough or porous surfaces can be given two wet full coats by spray at 0.5 gallon (1.89 liters) per gallon per 100 square feet.
2. **CURING TIME:** Relative humidity has a substantial effect on application and cure time. 85% R.H. or more will significantly slow dry times. 20% R.H. or less will tend to cause dry overspray problems. Application techniques and viscosity may have to be adjusted to ensure even results during extremes in relative humidity. Under normal drying conditions of 70°F (21.1°C) and 45% R.H. Acrylic Metal Rust Primer will be ready to re-coat in 1 - 2 hours.

G. ACRYLIC COATING:

1. **BASE COAT:**
   Apply GacoFlex 127 Series Acrylic Roof Coating at the average rate of 1.25 gal / 100 ft² (4.7 L / 9.25 m²) to obtain 20 mil Wet Film Thickness (WFT) / 10.5 mil Dry Film Thickness (DFT). Do not apply at an application rate greater than 1.5 gal / 100 ft² (5.7 L / 9.25 m²) per coat. GacoFlex 127 Series Acrylic Roof Coating may be applied with a 3/8 in (10 mm) nap roller, brush, or airless sprayer. Coat all surfaces including expansion joint covers and flashings. At all edges and penetrations, an extra coat must be applied. Allow appropriate drying time as adjusted for environmental conditions (see note below). If roof temperature exceeds 100 ºF (38 °C), a light mist of water may be used to increase working time.

2. **TOPCOAT**:
   Apply GacoFlex 127 Series Acrylic Roof Coating at the average rate of 1.25 gal / 100 ft² (4.7 L / 9.25 m²) to obtain 20 mil Wet Film Thickness (WFT) / 10.5 mil Dry Film Thickness (DFT). Do not apply at an application rate greater than 1.5 gal / 100 ft² (5.7 L / 9.25 m²) per coat. GacoFlex 127 Series Acrylic Roof Coating may be applied with a 3/8 in (10 mm) nap roller, brush, or airless sprayer. Coat all surfaces including expansion joint covers and flashings. At all edges and penetrations, an extra coat

must be applied. Allow appropriate drying time as adjusted for environmental conditions (see note below). If roof temperature exceeds 100 ºF (38 °C), a light mist of water may be used to increase working time.

NOTE: MINIMUM DRY TIME PER COAT IS 4 – 6 HOURS AT 75 ºF (24 °C) AND 50% RH. Longer dry times are needed in lower temperatures or higher humidity conditions. Do not apply GacoFlex 127 Series Acrylic Roof Coating when precipitation or heavy dew is expected within 4 hours (6-8 hours in high humidity conditions). Apply product in the morning to allow for maximum dry time during daylight hours.

3.4 FIELD QUALITY CONTROL

A. Any variations from the specified limits found by the Applicator or owner's representative shall be corrected by the Applicator.

B. **MINIMUM DRY FILM THICKNESS (DFT) REQUIREMENT:**
Gaco recommends adding a 10% variance factor to obtain the minimum DFT mil thickness required. It is the Applicator's responsibility to calculate the amount of coating needed to obtain the minimum DFT mil thickness required.

C. No traffic shall be permitted on the coated surface for a minimum of three (3) days.

H.E.R.

FABRIC-LESS FLASHING GRADE POLYURETHANE ROOF SEALANT

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION:

ERsystems® H.E.R. is a flashing grade single component moisture-cure polyurethane roof sealant. **H.E.R.** is a tough, seamless elastomeric roofing membrane that has excellent adhesion to a wide variety of substrates.

TYPICAL PROPERTIES:

Property	Typical Value
Percent Solid:	80%
Viscosity:	100,000-170,000 cps
Ultimate Elongation: ASTM D412	400%
Ultimate Tensile Strength: ASTM D412	300-350 psi
Permeability: ASTM E96	1.2 perms (at 30 dry mils.)
Weight/Gallon	7.4 lbs.
VOC Content	186.9 g/l EPA Method 24
Shore A Hardness: ASTM D2240	40
Low Temp Flexibility: ASTM D412	Pass at -60° F
Flash Point	T.C.C. 109.9° F (43.3° C)
Resistance to Weathering: ASTM D822	Excellent
Chemical Resistance	Excellent
** The shelf life for an unopened container stored at temperatures between 60°F (15.6°C) and 95°F (35°C) is 12 months from date of manufacture. Store out of direct sunlight in a cool, well-ventilated area. Avoid storing container directly on the floor or against an outside wall	

TYPICAL USES:

Uses include waterproofing metal roof seams and fasteners and flashing around roof penetrations where roof movement causes cracking and moisture penetration. **H.E.R.** has also found extensive use in sealing metal gutters. **H.E.R.** will also seal polyurethane foam, wood, and concrete.

PACKAGING:

- Packaging is standard in 10.1 oz. cartridges, 20 oz. sausages, 1 gallon, 2.5 gallon and 5-gallon pails.

PACKAGING:

- Standard color is aluminum gray.

APPLICATION EQUIPMENT:

H.E.R. can be applied by brush, roller and may be pumped by conventional airless spray equipment.

- **Brush or Roller**: Recommended for flashing. Use a coarse, short bristle brush.

Airless Spray Equipment: **H.E.R.** can be pumped with the following equipment and extruded into place on the metal roof. The pump must be capable of producing a material output of 2 gallons per minute at 3,000 psi. Ability to pump **H.E.R.** is typically related to the inlet plumbing to the pump. An unrestricted 1 1/2" inlet works well. To reduce the pressure required at the pump 3/4" high pressure hoses perform best. To extrude the **H.E.R.**, the gun is either removed or fitted with a wand without a tip and potentially with a flanged end to deliver a bead ¾ to 1" wide.

APPLICATION:

Over Metal:

H.E.R. can be pumped with the following equipment and extruded into place on the metal roof. The pump must be capable of producing a material output of 2 gallons per minute at 3,000 psi. Ability to pump **H.E.R.** is typically related to the inlet plumbing to the pump. An unrestricted 1 1/2" inlet works well. To reduce the pressure required at the pump 3/4" high pressure hoses perform best. To extrude the **H.E.R.**, the gun is either removed or fitted with a wand without a tip and potentially with a flanged end to deliver a bead ¾ to 1" wide.

H.E.R. may be used to seal around all roof penetrations, skylights, gutters, valleys, etc. Brush 60 mils of the sealer in a stripe 3" to 4" wide in each dimension around the penetration. If gaps exist or excessive roof movement is noted around penetrations, seams, or fasteners the **H.E.R.** may be reinforced with Polyester fabric embedded into the coating.

Two coats of **H.E.R.** may be required in some areas to achieve the 60 mils film thickness.

- Metal surface must be dry and free of frost or dew. Best application will be achieved when **H.E.R.** is at least 60° F (15.6°C) and the surface to which it is applied is 40° F (4.45°C) or higher and rising in temperature.

- After the initial cure (12 - 24 hours at 75°F (23.9°C) and 45% R.H.) is complete, all seams should be inspected for continuity of the coating membrane. **H.E.R.** may then be finish coated with **Acrylic 1000 Plus**, **Polyurethane 300 urethane system** or another approved finish. Weather related conditions such as frost, dew, mist, condensation, humidity, and temperature must be taken into consideration prior to coating. Temperature should be above 40°F (4.45°C),

more than 5˚F above the dew point and rising, for best application results.

- Do not apply over Silicone coatings or silicone caulks. Do not apply over fresh asphalt coatings, coal tar coatings or plastic roof cement.

Over Other Substrates:

- **H.E.R.** may be used for sealing substrates such as polyurethane foam, concrete, plywood, aged BUR, aged Modified Bitumen single-ply, etc. **H.E.R.** is typically used to seal cracks, penetrations, and other points where a high solids tough coating is required.

TEMPERATURE CONSTRAINTS:

Cold temperatures influence viscosity and pumping/handling characteristics of **H.E.R.**. Heat increases and cold decreases the flow of **H.E.R.**. When temperatures fall below 60˚F (15.6°C), **H.E.R.** can best be applied after storage at 70˚F for a minimum of 48 hours prior to usage. For ease of application, material temperature should be 60˚ F (15.6°C) minimum. If **H.E.R.** is to be pumped at temperatures below 60˚F (15.6°C) insulated or heated hoses may be required. For additional cold weather application techniques and information, consult HOLCIM SOLUTIONS AND PRODUCTS US, LLC. The service temperature range is -65˚F (-53.9°C) to 180˚F (82.2°C). The substrate temperature range for application is 40°F (4.45°C) – 120° F (48.9°C).

LIMITATION:

H.E.R. cures by reacting with air moisture. Partially used containers should not be left open and exposed to the air. Curing in the once opened container can be slowed by placing plastic wrap directly over the surface of the coating and tightly resealing the container. If a cured film has formed on the top of the product it should be carefully cut away prior to mixing the remainder of the product in the container. The surface film formation does not affect the performance of the remaining product.

CLEAN UP:

Upon completion of the application all tools, hoses, and equipment must be cleaned with acetone.

CAUTION!!!

H.E.R. contains a polyurethane resin and an aromatic solvent blend. If swallowed, do not induce vomiting. If splashed in eyes, flush with clean water for a minimum of 15 minutes. In either case, call physician immediately. If splashed on skin, wash thoroughly with soap and water. Avoid breathing vapors and spray mists. Use only with adequate ventilation. Proper eye protection and protective clothing for the skin should be worn. May produce severe dermatitis and bronchial spasms. Keep away from heat, sparks, and open flames. Close container after use. Keep out of reach of children. For professional use only.

The flow of material through pump and system could create static electricity. When pumping flammable materials, all equipment must be properly grounded to prevent static discharge and sparking, which could cause fire or explosions. Use only conductive or grounded air and material hoses and be sure that your compressor and pump are properly grounded according to the manufacturer's recommendations. Do not cut or weld on or near empty containers.

PRIOR TO USE OF THIS MATERIAL,
READ ALL APPROPRIATE SAFETY DATA SHEETS

PRODUCT WARRANTY:

INSTALL AS DIRECTED ON ERSYSTEMS® PRODUCT DATA SHEET. USER DETERMINES SUITABILITY FOR INTENDED USE AND ASSUMES ALL RISK AND LIABILITY. THIS PRODUCT IS SOLD "AS IS." EXCEPT AS REQUIRED BY LAW, THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IF TERMS ARE NOT ACCEPTABLE, RETURN UNOPENED PRODUCT TO PLACE OF PURCHASE. DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THESE PRODUCTS.

Complete technical information is available from
Holcim Solutions and Products US, LLC

GacoFlex™

Product Data Sheet (PDS):

GacoFlex™ Acrylic Metal Rust Primer
Acrylic Roof Coating
Revised: 07/2025

GACOFLEX ACRYLIC METAL RUST PRIMER ACRYLIC ROOF COATING

A. DESCRIPTION:

GacoFlex Acrylic Metal Rust Primer is a modified acrylic waterborne primer serving multiple purposes. It is used as a primer. Light Gray in color, air dry, great adhesion, and excellent corrosion resistance. It shows superior re-coat ability and exterior durability.

B. RECOMMENDED USE:

May be applied over marginally prepared metal surfaces such as structural steel, galvanized sheet metal, steel decking and aluminum. Apply at 0.5 gallon (1.89 liters) per 100 square feet (3 dry mils.). Heavily rusted surfaces may require additional prep and additional passes of GacoFlex Acrylic Metal Rust Primer.

C. LIMITATIONS:

- Substrate must be clean, smooth, and free of dirt, rust, and/or moisture. Power washing of substrate is recommended.
- GacoFlex Acrylic Metal Rust Primer must not be applied during inclement weather and should not proceed if any precipitation is imminent.
- Application of materials with power spray equipment will require some masking and possible erection of wind screens to prevent overspray damage to surrounding structures, building surfaces, vehicles or other property or persons.

D. PACKAGED PRODUCT DATA:

PROPERTY	*DESCRIPTION*
COLOR* **	LIGHT GRAY
ADHESION	Excellent adhesion to galvanized, galvalume, aged Kynar™, or similarly coated metals. Do not apply GacoFlex Acrylic Metal Rust Primer over existing silicone coatings.
THEORETICAL COVERAGE	200 ft² / gal / mil (9.3 m² / 3.78 L / 2.7-2.9 mil DFT)
SOLIDS	Weight: 40-42 % ASTM D1644 Volume: 34-36 % ASTM D2697
STORAGE STABILITY	8 months when stored between 50 °F – 85 °F (10 °C – 30 °C). Do not allow product to freeze. Some separation may occur after extended storage. Mix thoroughly before use.
TOXICITY	Not for use in contact with edible substances or potable water.
V.O.C.	66 g / L EPA Method 24
FLASH POINT	> 200 °F (> 93 °C) ASTM D1310
VISCOSITY	5000 cps
DENSITY	9.10 lbs / gal (4.1 kg / 3.8 L)

E. PHYSICAL PROPERTIES

	ASTM TEST	*RESULT*
ELONGATION AT 75°F (23.9°C)	D2370	>100%

F. APPLICATION

STEP	INSTRUCTIONS
THINNING	Thinning is not recommended under normal conditions.
MIXING	Mix until homogeneous with a mechanical mixer before application to ensure uniform color and consistency.
SURFACE PREPARATION	Ferrous substrates must be prepared properly for maximum corrosion protection and long service life. All loose rust must be removed by power washing, wire brushing or sand blasting. Adhesion testing is recommended prior to application. When necessary, use GacoWash at 1-part concentrate to 9-parts water to clean roof before application. Rinse well and allow substrate to dry thoroughly. After GacoFlex Acrylic Metal Rust Primer has been applied detail all fasteners, seams, laps and flashings and penetrations in existing metal substrates. A combination of sealants may be required. These would include GacoFlex HER, UF90 GacoMastic, GacoSeal 7120, GacoFlex 133 prior to applying finish coat.
APPLICATION	Do not apply GacoFlex Acrylic Metal Rust Primer to wet surfaces. Make sure roof surface is completely dry, clean, and free of dirt, grease, biological soiling, loose granules, and paint residue before coating. Do not apply GacoFlex Acrylic Metal Rust Primer below 40°F (4.45°C) or in weather conditions where the temperature will fall below 40°F (4.45°C) during the cure cycle. The substrate temperature range for application is 40°F (4.45°C) – 120°F (48.9°C). Application rates vary based on substrate type, refer to Application Specifications available at Gaco.com for further details. Additional coats may be required to achieve required minimum Dry Film Thickness (DFT). GacoFlex Acrylic Metal Rust Primer may be applied with a 3/8 in (10 mm) nap roller, brush, or airless sprayer. FOR USE OF AIRLESS SPRAYERS: Airless spray equipment should be capable of 1 gallon per minute capacity at 3000 psi. GacoFlex Acrylic Metal Rust Primer is designated a "medium elastomeric coating" with medium viscosity for pump purposes. 1/2" high pressure hoses perform well. The airless spray gun should be equipped with a ball-bearing swivel for ease of handling. Recommended orifice size is .025" to .035" diameter, wide-angle fan pattern. A reverse-a-clean nozzle is recommended. Exact orifice size will vary with temperature of the material and weather conditions. NOTE: DO NOT EXCEED 1.0 GAL / 100 FT² (3.8 L / 9.3 M²) PER COAT

DRY TIME	Dry time: 1-2 hours to recoat at 75 ºF (24 °C) and 50% RH per coat of GacoFlex Acrylic Metal Rust Primer. Low temperatures or high humidity conditions will extend cure times. Do not apply GacoFlex Acrylic Metal Rust Primer when precipitation or heavy dew is expected within 4 hours (6–8 hours in high humidity conditions). Allow to cure a minimum of 4-6 hours at 75 ºF (24 °C) and 50% RH before applying topcoat.
CLEAN UP	Clean up tools and equipment with soap and water immediately after application. Follow spray equipment manufacturer's guidelines on clean up and maintenance of spray equipment.

** For specific Health and Safety information, please refer to Safety Data Sheet (SDS)*

GacoFlex™

Product Data Sheet (PDS):

GacoFlex™ 127 Series
Acrylic Roof Coating
Revised: 07/2025

GACOFLEX 127 SERIES
ACRYLIC ROOF COATING

A. DESCRIPTION:

GacoFlex 127 is a single component, water-based Fire-rated acrylic, elastomeric coating. It provides excellent protection and is a weather barrier for many types of roofing substrates including spray polyurethane foam.

B. RECOMMENDED USE:

GacoFlex 127 is a versatile, economic, and easily applied coating. Primary uses are to protect waterproof metal buildings and polyurethane foam insulation. It may also be used over smooth BUR, Single-Ply Membranes.
Use is restricted to circumstances where the membrane surface is in sound condition but requires a renewal of the surface due to the normal effects of use and aging.

C. LIMITATIONS:

Not intended for low-slope applications (< 2:12) or over surfaces prone to ponding water. Consider GacoFlex silicone roof coatings when long term resistance to ponding water is required. Not suitable for use over gravel-surfaced built-up roofs or asphalt shingles.

- Prior to the application of any topcoat over new or freshly applied asphalt-based product consult with the asphalt product manufacturer or NRCA guidelines for necessary asphalt cure times prior to coating.
- Substrate must be clean, smooth, and free of dirt, rust, and/or moisture. Power washing of substrate is recommended.
- GacoFlex 127 must not be applied during inclement weather and should not proceed if any precipitation is imminent.
- Application of materials with power spray equipment will require some masking and possible erection of wind screens to prevent overspray damage to surrounding structures, building surfaces, vehicles or other property or persons.

D. APPROVALS:

GacoFlex 127 has undergone and passed the appropriate testing standards to achieve the following approvals:

E. PACKAGED PRODUCT DATA:

PROPERTY	*DESCRIPTION*
COLOR* **	WHITE
	GRAY
	ENERGY TAN
ADHESION	Excellent adhesion to polyurethane foam, such as GacoFlex GacoRoofFoam™, aged asphalt roofs, metal roofs, aged single-ply membranes, and existing

	coatings. Some metal roofs may require priming with GacoFlex Acrylic Metal Rust Primer. Metal panels must be structurally sound to serve as a suitable substrate for a roof coating. GacoFlex Gaco Prime LVOC Primer may be required over existing coatings. BUR roofing substrates smooth or granulated require priming the substrate with GacoFlex Acrylic Asphalt Primer prior to the application of GacoFlex 127. Do not apply GacoFlex 127 Series Roof Coating over existing silicone coatings.
THEORETICAL COVERAGE	100 ft² / gal / mil (9.3 m² / 3.78 L / 8.5 mil DFT)
SOLIDS	Weight: 65 % ASTM D1644 Volume: 53.0 % ASTM D2697
STORAGE STABILITY	24 months when stored between 50 °F – 85 °F (10 °C – 30 °C). Do not allow product to freeze. Some separation may occur after extended storage. Mix thoroughly before use.
TOXICITY	Not for use in contact with edible substances or potable water.
V.O.C.	< 50 g / L EPA Method 24
FLASH POINT	> 200 °F (> 93 °C) ASTM D1310
VISCOSITY	17000-21000 cps
DENSITY	11.6 lbs / gal (5.0 kg / 3.8 L)

F. PHYSICAL PROPERTIES

	ASTM TEST	*REQUIREMENT*	*RESULT*
TENSILE STRENGTH – INITIAL	D2370	>= 200 psi (1.4 MPa)	257 psi (1.7 MPa)
ELONGATION AT BREAK – INITIAL	D2370	>= 100 %	325 %
TENSILE STRENGTH – 1000 HOURS	D2370	>= 200 psi (1.4 MPa)	420 psi (2.8 MPa)
ELONGATION AT BREAK – 1000 HOURS	D2370	>= 100 %	225 %
TEAR RESISTANCE (DIE C)	D624	60 min.	68.5 lb / in (31 kg / 25 mm)
LOW TEMPERATURE FLEX	D522	½" Mandrel, -15 °F (-26 °C)	Pass
LOW TEMPERATURE FLEX – 1,000 HOURS	D522	½" Mandrel, -15 °F (-26 °C)	Pass
WATER VAPOR PERMEABILITY – 20 MILS DFT (INCH POUNDS)	E96	50 Perms. max	7.0 Perms
WET ADHESION			
FOAM	C794 / D903	2.0 lb (0.9 kg) min.	Pass
GALVANIZED STEEL		2.0 lb (0.9 kg) min.	Pass
SBS CAP SHEET		2.0 lb (0.9 kg) min.	Pass

APP			2.0 lb (0.9 kg) min.	Pass
WATER SWELLING		D461	20% max	4.3%
SOLAR PERFORMANCE			INITIAL	WEATHERED
WHITE	SOLAR REFLECTANCE	C1549	0.85	0.79
	THERMAL EMITTANCE	C1371	0.89	0.89
	SOLAR REFLECTIVITY INDEX (SRI)	E1980	107	99
GRAY	SOLAR REFLECTANCE	C1549		
	THERMAL EMITTANCE	C1371		
	SOLAR REFLECTIVITY INDEX (SRI)	E1980		
ENERGY TAN	SOLAR REFLECTANCE	C1549	0.45	0.41
	THERMAL EMITTANCE	C1371	0.88	0.89
	SOLAR REFLECTIVITY INDEX (SRI)	E1980	51	46

G. **APPLICATION**

STEP	INSTRUCTIONS
THINNING	Thinning is not recommended under normal conditions.
MIXING	Mix until homogeneous with a mechanical mixer before application to ensure uniform color and consistency.
SURFACE PREPARATION	Repair all leaks, cracks, and other deficiencies and seal flashings in the existing substrate using like materials as recommended by the original membrane manufacturer before applying GacoFlex 127 Series Roof Coating. Newly repaired areas may require a suitable GacoFlex primer. Contact Technical Services for primer recommendations. When necessary, use GacoWash at 1-part concentrate to 9-parts water to clean roof before application. Rinse well and allow substrate to dry thoroughly.
APPLICATION	Do not apply GacoFlex 127 Series Roof Coating to wet surfaces. Make sure roof surface is completely dry, clean, and free of dirt, grease, biological soiling, loose granules, and paint residue before coating. Do not apply GacoFlex 127 below 40°F (4.45°C) or in weather conditions where the temperature will fall below 40°F (4.45°C) during the cure cycle. The substrate temperature range for application is 40°F (4.45°C) – 120°F (48.9°C). The service temperature range is -35°F (-37.2°C) – 180°F (82.2°C).

	Application rates vary based on substrate type, refer to Application Specifications available at Gaco.com for further details. Additional coats may be required to achieve required minimum Dry Film Thickness (DFT). GacoFlex 127 Series Roof Coatings may be applied with a 3/8 in (10 mm) nap roller, brush, or airless sprayer. FOR USE OF AIRLESS SPRAYERS: Airless spray equipment should be capable of 1 gallon per minute capacity at 3000 psi. GacoFlex 127 is designated a "medium elastomeric coating" with medium viscosity for pump purposes. 1/2" high pressure hoses perform well. The airless spray gun should be equipped with a ball-bearing swivel for ease of handling. Recommended orifice size is .025" to .035" diameter, wide-angle fan pattern. A reverse-a-clean nozzle is recommended. Exact orifice size will vary with temperature of the material and weather conditions. NOTE: DO NOT EXCEED 1.5 GAL / 100 FT² (5.6 L / 9.3 M²) PER COAT
DRY TIME	Approximate dry time is 4-6 hours at 75 ºF (24 °C) and 50% RH per coat of GacoFlex 127 Series Roof Coating. Low temperatures or high humidity conditions will extend cure times. Do not apply GacoFlex 127 Series Roof Coating when precipitation or heavy dew is expected within 4 hours (6–8 hours in high humidity conditions).
CLEAN UP	Clean up tools and equipment with soap and water immediately after application. Follow spray equipment manufacturer's guidelines on clean up and maintenance of spray equipment.

** For specific Health and Safety information, please refer to Safety Data Sheet (SDS)*

DC315 Intumescent Coating

Description

DC315 is an intumescent coating for Spray Polyurethane Foam (SPF) and provides an alternative 15 or 20 minute thermal barrier. Tested and compliant in the **USA by ICC-ES, AND Canada by CCMC,** DC315 is the most tested and approved alternative thermal barrier on the market today!

To be approved as an Alternative Barrier System, DC 315 is applied over a manufacturer's SPF and tested to the criteria of NFPA 286, UL 1715 or ISO-CAN/ULC 9705 for duration of 15-20 minutes by an accredited fire testing facility. DC 315 has also been tested as an ignition barrier under **AC 377 Appendix X**. DC315 is fully **AC456 Compliant** and satisfies the International Building Code (IBC) International Residential Code (IRC) National Building Code of Canada (NBCC) and many other International model building codes.

DC315 Tested Solutions for Spray Polyurethane Foam

- More full scale Thermal and Ignition Barrier tests than any other product in the world
- DC 315 - 3rd. party inspected for Quality Control: QAI File B1117
- Tested useful life, fire resistant property is not compromised after 50 years
- Top coat for color, weather & moisture protection, tested, via NFPA 286 full scale testing
- ANSI 51 testing for incidental food contact
- Passed CAL 1350 - qualify DC 315 as a low-emitting material in the Collaborative for High Performance Schools rating system (CHPS Designed & CHPS Verified)
- Passed strict EPA – V.O.C. and AQMD air emission requirements (for all 50 states)
- 3rd Party tested "Single Coat Coverage" up to 24 Mils WFT, on ceilings and walls, reducing labor costs equaling higher profits
- Meets Life Safety Code 101
- Meets LEED's point

*End Use Applications: DC315 is for interior use as a thermal or ignition barrier coating to protect SPF. Contact IFTI for instruction for using DC315 in other applications such as, but not limited to, cold storage, parking garages, high humidity, or any unconditioned spaces.

Specifications

Finish:	**Flat**
Availability:	**Ice Gray PPG SKU # - IFT34864/EA** **Charcoal Black PPG SKU # - IFT28048/EA**
V.O.C.:	**(47 g/l)**
Volume Solids:	**67%**
Drying Time	**@ 77°F & 50% RH To touch 1-2 hours** **To re-coat 2 to 4 hours**
Type of Cure:	**Coalescence**
Flash Point:	**None**
Reducer/Cleaner:	**Water**
Shelf Life:	**1 year (unopened)**
Packaging:	**5 & 55 gallon containers**
Shipping weight:	**5 gallon pail - 58 lbs.**
Application:	**Brush, roller, conventional and airless spray**
Performance:	**50+ years HOAC tested**
QAI Listed:	**Spec ID B-1117**

PPG Architectural Coatings

B-1117

DC315 Intumescent Coating

Visit us at our website www.painttoprotect.com to obtain a current matrix of all the manufacturer's foams DC 315 has been tested and approved as Thermal or Ignition barriers in compliance with current Building Codes.

International Building Code Fire Performance Requirements for SPF: The International Building Code (IBC) mandates that SPF be separated from the interior of the building by a 15-minute thermal barrier, or other approved covering. DC 315 passed certified NFPA 286 and UL 1715 test over a variety of open and closed cell spray applied urethane foams that were conducted by IAS certified testing facilities. All tests performed comply with the requirements of 2009 IBC Section 803.1.2, and Section 2603.9; 2012 IBC Section 803.1.2 and Section 2603.10

Alternative Ignition Barrier Assemblies DC 315 meets the requirements for ignition barrier per **AC 377, Appendix X.**

National Building Code of Canada Alternative Thermal Barrier Assemblies: DC315 prevents flashover for 10 minutes for Combustible Construction or 20 minutes for Non-Combustible construction when tested to the CAN/ULC 9705 Standard and meets the Intent of NBC Section 3.1.5.12 for the protection of foamed plastics. Ensure application thickness is applied according to building type.

European Union: DC315 has been tested over both medium density and low density spray polyurethane foam and provides an EN13501-1 Fire Classification of B-S2-D0.

Australia and New Zealand: DC315 has been tested to the AUS ISO- 9705 over spray polyurethane foam and meets Group 2 Classification. ISO5660 (part 1 and 2) tests confirm Group number classification as 1 which allows for the addition of the thermal barrier coating to upgrade the fire rating.

Pump:	(Graco) UltraMax 795 or equivalent
PSI:	3000
GPM:	1.1
Tip:	517 - 523 or equivalent.
Filter:	Removal from the machine and gun is required
Hose:	3/8" diameter airless spray line for the first 100' from pump and 1/4" x 3' whip
Pump:	(Graco) TexSpray Mark 5 or equivalent
PSI:	3300
GPM:	1.35
Tip:	517 - 523 or equivalent.
Filter:	Removal from the machine and gun is required
Hose:	3/8" diameter airless spray line for the first 100' from pump and 1/4" x 3' whip
Pump:	(Graco) GMAX 7900 or equivalent
PSI:	3300
GPM:	2.2
Tip:	517 - 529 or equivalent.
Filter:	Removal from the machine and gun is required
Hose:	1/2" diameter airless spray line for the first 100' 300' from pump and 1/4" x 3' whip
Pump:	(Graco) GH 833 or equivalent
PSI:	4000
GPM:	4.0
Tip:	517 - 529 or equivalent.
Filter:	Removal from the machine and gun is required
Hose:	1/2" diameter airless spray line for the first 100'-300' from pump and 1/4" x 3' whip

Testing

USA
- ASTM E84 - Flame Spread 0 Smoke 10
- NFPA 286
- ASTM E2768- 30 minute Ignition Resistant material

Canada
- CAN/ULC S102 FSR 23 SDC 145 - (tested as a system over SPF)
- CAN/ULC S 101
- CAN/ULC 9705 10 and 20 minute assembly testing
- CAN/ULC -S145 10 and 20 minute assembly testing

European Union
- BS 476 Part 6 & 7
- BS EN ISO 11925-2
- EN 13823
- EN 13501 Classification B S2 D0

Australia/New Zealand
- AUS ISO 9705
- AS/NZS 1530.3
- AS 5637.1 Group Classification 2, NZBC Group 2-S
- ISO 5660 Parts 1 and 2

PPG Architectural Coatings

International Fireproof Technology Inc.
The Ultimate in Firestop Solutions and Fire Protective Coatings