



PROJECT MANUAL

FOR

PART 139 REMEDIATION AND RUNWAY REDESIGNATION

PROJECT NUMBER: AVIA 26-06

**CHARLOTTE DOUGLAS INTERNATIONAL AIRPORT
CITY OF CHARLOTTE, NORTH CAROLINA**

ADVERTISEMENT DATE: AUGUST 29, 2025

(Horizontal Non-Federal)

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I. INVITATION TO BID

A. INVITATION TO BID

The City of Charlotte (the "City") hereby invites sealed bids for the following project at Charlotte Douglas International Airport:

PROJECT NAME: PART 139 REMEDIATION AND RUNWAY REDESIGNATION
PROJECT NUMBER: AVIA 26-06

Project Control BID PORTAL LINK: <https://gateway.app.e-builder.net/app/bidders/landing?accountid=80fe0a4a-0c8f-4fcd-ac93-cc9db65522cb&projectid=8636caaf-bcc9-4176-ab83-cc502ccc0396&bidpackageid=065693f6-ac91-44a3-8518-385da6203903>

PRE-BID MEETING: Thursday, September 11, 2025, at 11:00 AM ET (via MICROSOFT TEAMS)

PRE-BID CONFERENCE LINK: [Click here to join](#) (via MICROSOFT TEAMS)

PRE-BID MEETING NUMBER: 219 218 776 582 5
PRE-BID PASSWORD: 3774RV3o

BID DUE DATE AND TIME: Thursday, October 02, 2025, at 2:00 PM ET (via MICROSOFT TEAMS)

BID OPENING LINK: [Click here to join](#) (via MICROSOFT TEAMS)

BID OPENING MEETING NUMBER: 289 532 976 636 5
BID OPENING PASSWORD: MF95WG6e

SCOPE OF WORK:

This project includes runway nomenclature updates and Part 139 marking and signage updates for Charlotte Douglas International Airport ("CLT", "Airport", or "Owner"). The project includes updates to the nomenclature for CLT's three (3) existing parallel runways to support the construction of the Fourth Parallel Runway. This will be completed in three (3) separate charting dates that have been prescheduled with the Federal Aviation Administration ("FAA").

The project also includes updates to existing taxiway marking, signage, lighting and paved shoulders to address Part 139 discrepancies from FAA inspections at CLT.

Bidders may obtain the complete Project Manual, including all plans, drawings, specifications, and addenda ("Bid Documents") beginning August 29, 2025, at 12:00 PM ET from the Project Control Bid Portal. Bidders may access the bid portal via the Project Control Bid Portal link shown above.

Pre-Bid Conference: Attendance at the Pre-Bid Conference is not mandatory but is strongly encouraged. A Pre-bid conference will be conducted on the date and at the time stated above via Microsoft Teams (see link and details above).

Title VI Solicitation Notice: The City, in accordance with the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252, 42 USC §§ 2000d to 2000d-4) and the Regulations, hereby notifies all bidders that it will affirmatively ensure that any contract entered into pursuant to this Invitation to Bid, disadvantaged business enterprises will be afforded full and fair opportunity to submit bids in response to this invitation and no businesses will be discriminated against on the grounds of race, color, national origin (including limited English proficiency), creed, sex (including sexual orientation and gender identity), age or disability in consideration for an award.

City of Charlotte Contractor Development Program (CCDP): The Contractor Development Program, sponsored by the City of Charlotte – Charlotte Business Inclusion Program is designed to provide guidance to Minority, Women, and Small Business Enterprises (MWSBEs) and NC DOT Disadvantaged Business Enterprises (DBEs) in pursuit of contracting opportunities with the City of Charlotte. The CCDP assists construction related firms with capacity building and business development as well as obtaining bonding and contract-based finance assistance so that participating firms are prepared to bid on city projects. For more information and to enroll in the City of Charlotte Contractor Development Program, contact the CCDP at (888) 717-3341 or send an email to ccdp@imwis.com, or visit <https://www.charlottenc.gov/Growth-and-Development/CBI/Contractor-Development-Program>.

II. INSTRUCTIONS TO BIDDERS

A. INSTRUCTIONS TO BIDDERS

1.0 DEFINITIONS

- 1.1 **AIP.** The Airport Improvements Program, a grant program administered by the Federal Aviation Administration.
- 1.2 **Addendum or Addenda.** Written or graphic instruments issued by the Owner prior to the submission of Bids which modify or interpret the Bidding Documents by additions, deletions, clarifications, or corrections or other type of modifications. Bidders, upon receiving Addenda, shall insert same into the Bid Documents.
- 1.3 **Additive or Deductive Bid Item (Alternate Bid).** An amount stated in the Bid to be added to or deducted from the amount of the Base Bid if the corresponding change in the Work, as described in the Bidding Documents, is accepted by the Owner.
- 1.4 **Air Operations Area (AOA).** Any area of the Airport used or intended to be used for the landing, takeoff, or surface maneuvering of aircraft. An air operation area shall include such paved or unpaved areas that are used or intended to be used for the unobstructed movement of aircraft in addition to its associated runway, taxiway, or apron.
- 1.5 **Airport.** The Charlotte Douglas International Airport, including all areas of land or water used or intended to be used for the landing and takeoff of aircraft and including its buildings and facilities, if any.
- 1.6 **Alternate.** An amount stated in a bid for a specific material, product or good that can be added or deducted from the Base Bid by the Owner if the defined changes are made to the Plans or Specifications.
- 1.7 **Authorized Representative.** The firm or individual nominated by the Owner to act on behalf of the Owner; e.g., Engineer and/or Architect of Record, City Project Manager or others as designated by Owner.
- 1.8 **Award.** The Owner's acceptance of the successful bidder's proposal, upon authorization of the Charlotte City Council.
- 1.9 **Base Bid.** The sum stated in the Bid for which the Bidder offers to perform the work described in the Bidding Documents as the base, to which work may be added or from which work may be deducted for sums stated in Additive or Deductive Bid Items.
- 1.10 **Bid.** A complete and properly signed offer to do the work or designated portion thereof for the sums stipulated therein submitted in accordance with the Bidding Documents.
- 1.11 **Bid Documents.** All documents and forms contained in this Project Manual.
- 1.12 **Bid Security.** The security furnished with a Bid to guarantee that the Bidder will enter into the Contract if its Bid is accepted by the Owner.
- 1.13 **Bidder.** Any individual, partnership, firm, corporation or other business entity acting directly through a duly authorized representative, who submits a bid for the Work contemplated.
- 1.14 **Calendar Day.** Every day shown on the calendar. Any reference to the word "day" or "days" shall mean calendar day or calendar days, respectively, unless otherwise expressly provided.

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- 1.15 **Change Order.** A written order to the Contractor covering changes in the Plans, Specifications, or Contract Item quantities and establishing the basis of payment and Contract Time adjustment, if any, for the Work affected by such changes.
- 1.16 **Claim.** A demand or assertion by one of the parties seeking, as a matter of right, payment of money, or other relief with respect to the terms of the Contract. The term "Claim" also includes other disputes and matters in question between the Owner and Contractor arising out of or relating to the Contract.
- 1.17 **Contract Documents or Contract.** The executed agreement between the Owner and the successful bidder, covering the performance of and compensation for the Work. The term Contract is all inclusive with reference to all written agreements affecting a contractual relationship and all documents referred to therein. The Contract shall include, but not be limited to the Invitation to Bid, Instructions to Bidders, Bid Form and Supplements, Contract Requirements and Forms, required certificates and affidavits, bonds, addenda, technical specifications and plans. The Contract shall constitute one instrument.
- 1.18 **Contract Item or Pay Item.** A specific unit of Work for which a price is provided in the Contract.
- 1.19 **Contract Time.** The number of calendar days or working days, stated in the proposal, allowed for completion of the Contract, including authorized time extensions. If a calendar date of completion is stated in the proposal, in lieu of a number of calendar or working days, the Contract shall be completed by that date.
- 1.20 **Contractor.** The successful Bidder with whom the City contracts for the Work.
- 1.21 **Date of Final Completion (may also be referred to as Final Acceptance).** The date determined and certified by the design professional and Owner on which the Work on the Project is fully and satisfactorily complete in accordance with the Contract.
- 1.22 **Disadvantaged Business Enterprise (DBE).** A for-profit small business concern: (a) that is at least fifty-one (51%) percent owned by one or more individuals who are both socially and economically disadvantaged or, in the case of a corporation, in which fifty-one (51%) percent of the stock is owned by one or more such individuals; and (b) whose management and daily business operations are controlled by one or more of the socially and economically disadvantaged individuals who own it.
- 1.23 **Engineer.** The individual, partnership, firm or corporation duly authorized by the Owner to be responsible for engineering inspection of the contract work and acting directly or through an authorized representative.
- 1.24 **FAA.** The Federal Aviation Administration of the U.S. Department of Transportation. When used to designate a person, FAA shall mean the Administrator or his duly authorized representative.
- 1.25 **Inspector or Project Inspector.** An authorized representative of the Engineer assigned to make all necessary inspections and/or tests of the work performed or being performed, or of the materials furnished or being furnished by the Contractor.
- 1.26 **Invitation to Bid (ITB).** A public announcement, as required by local law, inviting Bids for Work.
- 1.27 **Major and Minor Contract Items.** A major Contract item shall be any item that is listed in the proposal, the total cost of which is equal to or greater than 25 percent of the total amount of the awarded Contract. All other items shall be considered Minor Contract items.
- 1.28 **Notice To Proceed (NTP).** A written notice to the Contractor to begin the Work on a specified date.

- 1.29 **Owner.** The City of Charlotte. For the purpose of this Project Manual, the Owner may also be referred to as the **Sponsor** or **City**.
- 1.30 **Payment Bond.** The approved form of security furnished by the Contractor and its surety as a guaranty that it will pay in full all bills and accounts for materials and labor used in the construction of the Work.
- 1.31 **Performance Bond.** The approved form of security furnished by the Contractor and his surety as a guarantee that the Contractor will complete the Work in accordance with the terms of the Contract.
- 1.32 **Plans.** The official drawings or exact reproductions, approved by the Owner, which show the location, character, dimensions and details of the Airport and the Work to be done and which are to be considered as part of the Contract.
- 1.33 **Project.** A specific Airport development. The Work may be a portion or the whole of a Project.
- 1.34 **Runway.** The area on the Airport prepared for the landing and takeoff of aircraft.
- 1.35 **Small Business Enterprise (SBE)** means a business which (a) is at least fifty-one percent (51%) owned by one or more persons (b) the owner has a personal net worth less than 750,000 a year; (c) is located within the metropolitan statistical area and finally (d) has been in business a minimum of 1 year.
- 1.36 **Socially and Economically Disadvantaged Individual** means any individual who is a citizen (or lawfully admitted permanent resident) of the United States and who is:

any individual who a recipient finds to be a socially and economically disadvantaged individual on a case-by-case basis;

any individual in the following groups, members of which are reputably presumed to be socially and economically disadvantaged:

“Black Americans,” which includes persons having origins in any of the Black racial groups of Africa;

“Hispanic Americans,” which includes persons of Mexican, Puerto Rican, Cuban, Dominican, Central or South America, or other Spanish or Portuguese culture or origin, regardless of race;

“Native Americans,” which includes persons who are American Indians, Eskimos, Aleuts, or Native Hawaiians;

“Asian-Pacific Americans,” which includes persons whose origins are from Japan, China, Taiwan, Korea, Burma (Myanmar), Vietnam, Laos, Cambodia (Kampuchea), Thailand, Malaysia, Indonesia, the Philippines, Brunei, Samoa, Guam, the U.S. Trust Territories of the Pacific Islands (Republic of Palau), the Commonwealth of the Northern Marianas Islands, Macao, Fiji, Tonga, Kirbati, Juvalu, Naura, Federated States of Micronesia, or Hong Kong;

“Subcontinent Asian Americans,” which includes persons whose origins are from India, Pakistan, Bangladesh, Bhutan, the Maldives Islands, Nepal or Sri Lanka;

Women;

Any additional groups whose members are designated as socially and economically disadvantaged by the SBA, at such times as the SBA designation becomes effective.

- 1.37 **Specifications.** The written directions and requirements for completing the Work. Standards for specifying materials or testing which are cited in the specifications by reference shall have the same force and effect as if included in the Contract physically.
- 1.38 **Structures.** Airport facilities such as buildings, bridges; culverts; catch basins; inlets; retaining walls; cribbing; storm and sanitary sewer lines; water lines; underdrains; electrical ducts, manholes, handholes, lighting fixtures and bases; transformers; flexible and rigid pavements; navigational aids; buildings; vaults; and, other manmade features of the Airport that may be encountered in the Work and not otherwise classified herein.
- 1.39 **Substantial Completion.** The stage in the progress of the Work when the Work or designated portion thereof is sufficiently complete in accordance with the Contract Documents so that the Owner can legally, practically, and reasonably occupy or utilize the Work for its intended use.
- 1.40 **Surety.** The corporation, partnership, or individual, other than the Contractor, executing a Bid Payment, Performance or Guaranty Bonds that are furnished to the Owner by the Contractor.
- 1.41 **Taxiway.** For the purpose of this document, the term taxiway means the portion of the AOA of an airport that has been designated by for movement of aircraft to and from the airport's runways or aircraft parking areas.
- 1.42 **Work.** The furnishing of all labor, materials, tools, equipment, and incidentals necessary to the Contractor's performance of all duties and obligations imposed by the Contract.

2.0 CONTRACT TIME

The date of commencement of the Work shall be fixed by issuance of a written Notice to Proceed from the Owner to the Contractor. The Contract Time shall be measured from the date of commencement. Contractor shall achieve Substantial Completion of the Work not later than 150 calendar days from the date of commencement. Contractor shall then achieve Final Completion and Acceptance of the Work, including all required final submittals, not later than 30 calendar days from the date of Substantial Completion. Contractor shall notify the Owner in writing at least 48 hours in advance of the time actual construction operations will begin.

2.1 LIQUIDATED DAMAGES

The Contract Time referred to above includes phases of construction as described below. By submitting a bid, the Contractor acknowledges and agrees that the Owner is authorized to deduct and retain out of the monies due to the Contractor and/or the Contractor is liable to the City for liquidated damages for the Project as set out below for each and every day or any portion thereof the time employed upon said work or delivery may exceed the time stipulated for such performance and completion. The term "day", when used in connection with liquidated damages, shall in all instances include any portion of a day that the work is not timely completed. The sum per calendar day is fixed in view of the difficulty of estimating such damages that the Owner will suffer by reason of such default. The liquidated damages amount will not be capped, and the assessment of liquidated damages does not preclude the award of other damages that may be authorized under other applicable provisions of the Contract for reasons other than delayed performance. The term "Night", when used in connection with liquidated damages and in this section, shall mean the time period starting at 2300 (11pm) local time and ending at the following 0600 (6am) local time, and shall in all instances include any portion of a day or night that the work is not timely completed.

- A. Failure to achieve Substantial Completion within the Contract Time, 150 Calendar Days: **\$10,000 per calendar day.**

B. Failure to achieve phase or subphase completion within the specified timeframe: \$2,500 per Calendar Day, or any portion thereof.

- Phase 1: 30 Days to complete all subphases 1-A through 1-L
 - i. Subphase 1-A and 1-B: Shall be performed and completed together in a total of 4 consecutive nights to complete both subphases. Work must begin on the night of May 8, 2026, and be completed by 0600 local time on May 12, 2026.
 - ii. Subphase 1-C: 1 Night. Work must begin on the night of May 12, 2026, and be completed by 0600 local time on May 13, 2026.
 - iii. Subphase 1-D: 2 Nights, work must begin on the night of May 13, 2026 (FAA Charting Date is May 14, 2026) and be completed by 0600 local time on May 15, 2026.
 - iv. Subphase 1-E: 1 Night. Work must begin on the night of May 13, 2025, and be completed by 0600 local time on May 14, 2026.
 - v. Subphase 1-F and 1-G: Shall be performed and completed together in a total of 3 consecutive nights to complete both subphases. Work must begin on the night of May 15, 2026, and be completed by 0600 local time on May 18, 2026.
- Phase 2: 60 Days to complete all subphases 2-A through 2-L
 - i. Subphase 2-A: 8 Nights. Work must begin on the night of June 23, 2026, and be completed by 0600 local time on July 1, 2026.
 - ii. Subphase 2-B: 4 Nights. Work must begin on the night of July 1, 2026, and be completed by 0600 local time on July 5, 2026.
 - iii. Subphase 2-C: 3 Nights. Work must begin on the night of July 5, 2026, and be completed by 0600 local time on July 8, 2026.
 - iv. Subphase 2-D: 2 nights, work must begin on the night of July 8, 2026 (FAA Charting Date is July 9, 2026) and be completed by 0600 local time on July 10, 2026. Work must begin on the night of July 8, 2026, and be completed by 0600 local time on July 10, 2026.
 - v. Subphase 2-E: 1 night. Work must begin on the night of July 8, 2026, and be completed by 0600 local time on July 9, 2026.
 - vi. Subphase 2-F: 4 Nights. Work must begin on the night of July 10, 2026, and be completed by 0600 local time on July 14, 2026.
 - vii. Subphase 2-G: 8 Nights. Work must begin on the night of July 14, 2026, and be completed by 0600 local time on July 22, 2026.
- Phase 3: 60 Days to complete all subphases 3-A through 3-K
 - i. Subphase 3-A: 8 Nights. Work must begin on the night of August 18, 2026, and be completed by 0600 local time on August 26, 2026.
 - ii. Subphase 3-B: 4 Nights. Work must begin on the night of August 26, 2026, and be completed by 0600 local time on August 30, 2026.
 - iii. Subphase 3-C: 3 Nights. Work must begin on the night of August 30, 2026, and be completed by 0600 local time on September 2, 2026.
 - iv. Subphase 3-D: 2 nights, work must begin on the night of September 2, 2026 (FAA Charting Date is September 3, 2026) and be completed by 0600 local time on September 4, 2026.
 - v. Subphase 3-E: 1 night. Work must begin on the night of September 2, 2026, and be completed by 0600 local time on September 3, 2026.
 - vi. Subphase 3-F: 4 Nights. Work must begin on the night of September 4, 2026, and be completed by 0600 local time on September 12, 2026.
 - vii. Subphase 3-G: 8 Nights. Work must begin on the night of September 12, 2026, and be completed by 0600 local time on September 16, 2026.

C. Miscellaneous Requirements

- Contractor shall communicate and coordinate with the Owner as soon as possible regarding circumstances that may affect the work being completed on the dates listed above. Contractor shall contact the Owner immediately upon becoming aware of such circumstances.
 - Work shall commence beginning with Phase 1 as directed by the Notice To Proceed (NTP) and shall continue until Substantial Completion is achieved.
 - Each phase shall be completed in sequential order. Work on the next phase shall not begin until the prior phase is completed.
 - Subphases shall be completed in the order as set forth by the Special Conditions within the Phasing Layout Plan Sheets (Sheets PH102 – PH109).
 - Each subphase shall be completed within consecutive calendar days.
 - Subphases 1-D, 2-D, and 3-D are associated to the Charting Dates for the Runway Redesignations and the runway shall not be opened until all required work is completed.
- D. Nightly Runway/Taxiway Closure liquidated damages are as follows and shall be applicable to every work day:
- \$150 per minute for first 15 minutes the runway and/or taxiway remains closed beyond the scheduled reopening.
 - \$250 per minute for each minute thereafter that the runway and/or taxiway remains closed beyond the scheduled reopening.
- E. SIDA fence breaches or damage to the SIDA fence:
- \$25,000 per occurrence will be assessed against the Contractor for lack of security oversight (inspector) during SIDA breaches.
 - \$2,000 per occurrence will be assessed against the Contractor for damage to the SIDA fence. Work on the new fence must stop immediately and the existing fence must be repaired and returned to service before work can begin again on the new fence.

3.0 CHARLOTTE BUSINESS INCLUSION (“CBI”) PROGRAM

The City has established the following CBI Goal(s) for this Project:

Minority Business Enterprise (“MBE”) Goal	3.00%
Small/Woman Business Enterprise (“SWBE”) Goal	10.00%

For information about CBI Program requirements and forms, please review the Section V of the Bid Documents, which contains instructions and forms for the CBI Program. For purposes of CBI reporting requirements, Contractor will submit documentation requested by the City or be required to comply with reporting into the City’s InclusionCLT system or subsequent software platform provided by the City, or in such other manner as may be prescribed, and further require its Subcontractors to provide such documentation and information through the same system.

4.0 SITE TOURS

No Site Tour will be scheduled, Bidders may elect to visit areas accessible to the public at their convenience.

5.0 GOVERNING ORDER OF BIDDING AND CONTRACT DOCUMENTS

Addenda, Change Orders and Supplementary Agreements will take precedence over other Contract Documents. Detailed provisions shall have precedence over general provisions.

Bidders shall take no advantage of any apparent error or omission in the Bid Documents or Contract Documents. In the event a Bidder discovers an error or omission, the Bidder shall immediately notify the Owner. The Owner will then make such corrections and interpretations as may be deemed necessary for fulfilling the intent of the Bid Documents.

6.0 BIDDER REPRESENTATIONS

6.1 Each Bidder by making its Bid represents that it:

- A. Has examined the site of the proposed Work and the Bidding Documents; and
- B. Is satisfied as to the character, quality, and quantities of work to be performed, materials to be furnished and as to the requirements of the proposed Contract; and
- C. Acknowledges that submission of a Bid shall be prima facie evidence that the Bidder has made such examination and is satisfied as to the conditions to be encountered and has adequate time to perform the Work in accordance with the requirements of the Contract Documents.
- D. Warrants and certifies that as of the date of this Bid, Bidder is not identified on the Final Divestment Lists created by the North Carolina State Treasurer pursuant to N.C.G.S. 147 Articles 6e or 6g. The person signing this Bid certifies that he or she is authorized by the Bidder to make the foregoing certification. Bidder further agrees that it will not take any action during the term of this contract that would provide a basis for it to be placed upon the Final Divestment Lists nor will it utilize on this Contract any subcontractor that is identified on the Final Divestment Lists.

6.2 Bidders for this Work shall be qualified and licensed for this particular Work by the State of North Carolina prior to time of Bid Opening. North Carolina License type, number and dollar limit must be indicated where requested for the Bidder.

6.3 Bidders shall have previous acceptable experience, of current personnel, in the construction of at least two (2) projects in the last ten (10) years that demonstrate the ability to accomplish the Work required by this Contract. If the Bidder is a recently formed entity, then the previous experience of the component entities will be considered. The Owner shall be the sole judge of acceptable previous experience. The Bidder shall have regularly and principally engaged in work of the quality and scope indicated by the Contract Documents, utilizing administrators and supervisors regularly employed by the Bidder for managing the Work, and utilizing workers regularly employed by the Bidder for construction not performed by subcontractors.

6.4 In the event that a Bidder is discovered to be ineligible after a Contract is awarded, the ineligible bidder shall indemnify the City against any losses suffered by the City because of the Bidder's ineligibility. The City reserves the right to take any steps it believes appropriate to lessen its actual or potential loss, including termination of the Contract or withholding payments sufficient to cover losses.

6.5 Bidder shall abide by the confidentiality requirements set forth in Section 13 of the Instruction to Bidders.

6.6 Bidder shall comply with all federal, state and local laws and regulations relating to the preparation and submission of the Bid including, without limitation, E-Verify, and shall submit to Owner all required certifications, verifications, permits and licenses.

7.0 BID DOCUMENTS

7.1 Documents

Bidders may obtain complete sets of the Bid Documents as indicated in the Advertisement in the number desired and for the cost stated therein.

Bidders shall use complete sets of Bid Documents in preparing Bids. The Owner assumes no responsibility for errors or misinterpretations resulting from the use of incomplete sets of Bid Documents.

The Owner, by making copies of the Bid Documents available on the above terms, does so only for the purpose of obtaining Bids on the Work and does not confer a license or grant for any other use.

Boring logs and other records of subsurface investigations and tests may be available for inspection by Bidders. It is understood and agreed that such subsurface information, whether included in the plans, specifications, or otherwise made available to the Bidder, was obtained and is intended for the Owner's design and estimating purposes only. Bidder expressly waives any right to rely on such information for any purpose. Such information has been made available for the convenience of all Bidders. It is further understood and agreed that each bidder is solely responsible for all assumptions, deductions, or conclusions which it may make or obtain from his examinations of the boring logs and other records of subsurface investigations and tests that are furnished by the Owner. Such supplementary data may not be construed as part of the Contract Documents.

7.2 Interpretation or Correction of Bidding Documents

Bidders shall take no advantage of any apparent error or omission in the Bid Documents. In the event a Bidder discovers any apparent error or omission, the Bidder shall immediately notify the Owner. The Owner will then make such corrections and interpretations as may be deemed necessary for fulfilling the intent of the Bid Documents through the issuance of an Addendum. Any Addendum or clarification supplementing the Bid Documents, the Drawings, and the Specifications, issued prior to the date and time set for the submittal of Bid Proposal shall be made part of the Contract.

Bidders requiring clarification or interpretation of the Bid Documents shall make a written request for clarification and forward the same to the appropriate address below. The Owner will only respond to written questions. Any interpretation, correction or change of the Bid Documents will be made only by an Addendum. Interpretations, corrections or changes of the Bid Documents made in any other manner will not be binding, and Bidders shall not rely upon such interpretations, corrections and changes.

Written requests for clarification must be submitted electronically through the eBuilder Bid Portal Q&A board. The deadline for submitting written requests for clarification is on Wednesday, September 17, 2025, at 5:00 PM ET.

All questions must be submitted no later than the date and time stated above. Any questions received after that time may not be addressed prior to the bid due date.

The point of contact for all submissions and correspondence regarding this ITB is ITB Project Manager who can be contacted through the Q&A Board online in the e-bidding portal.

7.3 Standards of Quality and Performance, Brand Names and Equivalent Products

Descriptions of materials, products and equipment used in these specifications are to acquaint bidders with the types of products desired and will be used as a standard by which goods and services offered as

equivalent will be evaluated. Where the specifications do not include a performance or design standard it is due to the determination that the information is impossible or impractical to provide. In such instances, the specifications include at least three brand names to illustrate the standard by which products offered as equivalent will be evaluated. Where three brand names could not be identified, the specifications include as many as possible. These references are only to denote the quality of product required and do not limit or restrict submission of equivalent products by the bidder. Equivalent products can be submitted for consideration as set forth below.

Materials, products, and equipment specified in Bid and Contract documents are used to set forth and convey to bidders the general style, type, function, dimension, and quality of product desired by the Owner.

Any request by Contractor for material substitution of "an equal" item must be received by the Architect / Engineer or Owner at least ten (10) days prior to receipt of Bids.

Prior to proposing any substitute item, Contractor shall satisfy itself that the item proposed is, in fact, equal to item originally specified, that such item will fit into the space allocated, that such item affords comparable ease of operation, maintenance and service, that the appearance, longevity and suitability for the climate are comparable, and that by reason of cost savings, reduced construction time, or similar demonstrable benefit, the substitution of such item will be in Owner's interest.

The burden of proof of equality of a proposed substitution for a specified item shall be upon Contractor. Contractor shall support its request with sufficient test data and other means to permit Owner to make a fair and equitable decision on the merits of the proposed substitution. Any item by a manufacturer other than those specified or of brand name or model number or of generic species other than those specified will be considered a substitution. Architect / Engineer of Record or Owner may be the sole judge of whether or not the substitution is equal in quality, utility and economy to that specified.

Materials and methods proposed as substitutions for specified items shall be supported by certification of their approval for use by any or all government agencies having jurisdiction over use of the specific material or method.

Substitutions may not be permitted in those instances where the products are designed to match artistic design, specific function or economy of maintenance.

Approval of a substitution shall not relieve Contractor from responsibility for compliance with all requirements of the Contract. Contractor shall bear the expense for any changes in other parts of the Work caused by any substitutions. If Owner rejects Contractor's proposed substitution, Contractor may not make any additional requests for substitution in the same category. **If the proposed substitution is approved, such approval will be set forth in an Addendum.**

If a substitution is installed without prior knowledge and written approval by the Owner, the Contractor will bear all costs associated with removal and replacement of the same at the Owner's request.

7.3.1 Addenda

Addenda will be available through the eBuilder Bid Portal. The Bidder shall acknowledge receipt of Addenda by completing the acknowledgment space on the Bid Form.

8.0 **BIDDING PROCEDURE**

8.1 Form and Style of Bids

Bids shall consist of the following forms:

- (1) Bid Form
- (2) Certificate of Non-discrimination
- (3) CBI Form #3
- (4) Bid Bond

Changes or additions to the Bid, recalculations or changes in the work bid upon, alternative proposals, or any other modifications of the Bid Form which are not specifically called for in the Bid Documents may result in the Owner's rejection of the Bid as non-responsive to the Invitation to Bid.

The Bidder must execute all pages of the Bid Form, in their entirety. All blanks on the Bid Form shall be filled in by typewriter or manually in ink.

Unit prices shall include the cost for materials, equipment, tools, labor, sales tax and all incidentals necessary for proper execution and completion of the Work. As the quantities represented are estimates, quantity adjustments will be made as necessary during the project.

In the event there are unit price Bid Items provided in the Bid Form or its attachments, and the "amount" indicated for a unit price Bid Item does not equal the product of the unit price and quantity, the unit price shall govern and the amount will be corrected accordingly. In the event there is more than one Bid Item in the Bid Form or its attachments and the total indicated therein does not agree with the sum of the prices bid for the individual items, the prices bid on the individual items shall govern and the total for the schedule will be corrected accordingly. Where so indicated by the make-up of the Bid Form, sums shall be expressed in both words and figures, and in case of discrepancy between the two, the amount written in words shall govern.

All requested, Additive or Deductive Bid Items shall be bid. If no change in the Base Bid is required, enter "No Change."

No person, firm or corporation shall be allowed to submit (or have an interest in) more than one prime Bid for the same work. For example, a company may not submit one bid for itself and one bid for a joint venture in which it will participate. However, a person, firm or corporation that has submitted a sub-bid to a Bidder is not, however, disqualified from submitting a sub-bid or quoting prices to other Bidders or submitting a prime Bid.

8.2 Sales and Use Tax

The Owner is NOT exempt from applicable sales or use taxes assessed by North Carolina or other states. However, the North Carolina Department of Revenue does reimburse the Owner for the North Carolina sales or use taxes the Owner pays for certain construction related goods. Therefore, the Owner utilizes the below procedures for such sales tax. The Contractor agrees to follow the procedures set forth below for all sales or use taxes related to the Work and any other work performed pursuant to this Contract.

Eligible Taxes are defined as North Carolina sales or use taxes paid by the Contractor for buildings, materials, supplies, fixtures and equipment that become a part of or annexed to any building or structure that is owned or leased by the Owner and is being erected, altered or repaired by the Owner (North Carolina GS 105-164-14(c)).

Non-Eligible Taxes are defined as all other sales or use taxes including those paid to states other than North Carolina, or sales or use taxes paid to North Carolina on purchases or rental of tools, equipment, and disposable supplies, including fuel, used in the Work.

Non-Eligible Taxes

Non-Eligible Taxes **shall** be included in the Bid and **will** be included in the Contract Price.

The Contract Price as shown on the bid form includes full and complete compensation for the Contractor for any and all Non-Eligible Taxes paid by the Contractor in the prosecution of the Work and any other work performed pursuant to this Contract.

Eligible Taxes

Eligible Taxes **shall not** be included in the Bid and will not be included in the Contract Price. Eligible Taxes will be reimbursed separately pursuant to the procedures below.

*Prior to award of the Contract, the Contractor shall provide the Owner with the estimated amount of total Eligible Taxes for the Contract. This estimated amount of total Eligible Taxes will be used solely for the purpose of the Owner's budget planning for the Project and will **not** be included in the Contract Price.*

The Contract Price as shown on the bid form excludes Eligible Taxes. The Contractor shall invoice the Owner for Eligible Taxes as set forth below and the Owner will reimburse the Contractor for those Eligible Taxes pursuant to the procedures below.

In the event the Contractor fails to materially follow the procedures set forth by this Article, and/or fails to properly document its payment of Eligible Taxes, the Owner will not be liable to the Contractor in any way for the payment of such Eligible Taxes.

In order to receive the reimbursement for Eligible Taxes, the Contractor shall provide a detailed listing of Eligible Taxes on the Sales/Use Tax Statement ("Tax Statement") provided in the Contract Documents. Tax Statements must be submitted with each payment request and shall include invoices documenting the Eligible Taxes and the underlying purchases made by the Contractor or by the Contractor's subcontractor.

Tax Statements must indicate whether such Eligible Taxes was paid by the Contractor or by the Contractor's subcontractor.

If no Eligible Taxes have been paid for the period in which a payment request is being submitted by the Contractor, then the Contractor shall indicate "No Eligible Taxes paid this period" and submit the Tax Statement accordingly.

Tax Statements must be completed and signed by the Contractor/subcontractor's company officer submitting the statement and certified by a Notary Public.

Tax Statement must list in detail the Eligible Taxes paid for each individual invoice paid by the Contractor/subcontractor. No lump sum, running total, or copies of previously reported statements will be accepted.

Tax Statements must show separately the portion of Eligible Taxes that are paid to the State of North Carolina and the applicable North Carolina county, identifying the county accordingly.

Tax Statements will be reviewed and approved by the Owner prior to paying the Eligible Taxes reimbursement. Such approval will not be unreasonably withheld.

8.3 E-Verify

Bidder is required to comply with the requirements of Article 2 of Chapter 64 of the North Carolina General Statutes. Further, if Bidder utilizes a subcontractor, Bidder shall require the subcontractor to comply with the requirements of Article 2 of Chapter 64 of the North Carolina General Statutes.

8.4 Iran and Companies that Boycott Israel Divestment Acts

NC Prohibitions on Contracts with Companies that Invest in Iran or Boycott Israel. Company warrants and certifies that it is not identified on the Final Divestment Lists created by the NC State Treasurer pursuant to N.C.G.S. 147 Articles 6e or 6g. Company further warrants and certifies it will not take any action during the term of this contract that would provide a basis for it to be placed upon the Final Divestment Lists nor will it utilize on this Contract any subcontractor that is identified on the Final Divestment Lists. In signing this Contract, Company further agrees, as an independent obligation, separate and apart from this Contract, to reimburse the City for any and all damages, costs and attorneys' fees incurred by the City in connection with any claim that this Agreement or any part thereof is void due to Company appearing on the Final Divestment Lists.

8.5 Bid Security

Each Bid shall be accompanied by a Bid security in the form of, at Bidder's option, cashier's check, certified check, money order or bid bond (in favor of the Owner) in the amount of 5% of the Base Bid amount pledging that the Bidder will after notice of award, enter into a Contract with the Owner on the terms stated in its Bid and will furnish bonds as described in Contract Documents, covering the faithful performance of the Contract and the payment of all obligations arising thereunder.

The Bid Bond shall be written on standard Surety Bid Bond form by a firm licensed to provide such forms in the State of North Carolina, and the attorney-in-fact who executes the bond on behalf of the surety shall affix to the bond a certified and current copy of his power of attorney.

The Owner will have the right to retain the Bid security of Bidders to whom an award is being considered until either (a) the Contract has been executed and bonds have been furnished; (b) the specified time has elapsed so that Bids may be withdrawn, or (c) all Bids have been rejected.

8.6 Electronically Executed Bid Bonds Accepted

Until further notice, the City will accept electronically executed bid bonds to satisfy the requirements of N.C.G.S. 143-129(b). In order for electronically executed bid bonds to be valid, a principal and N.C. licensed surety must agree to transact by electronic means. Additionally, the City requires the bidder and surety to use digital signatures that have the following characteristics: (a) each signature is unique to the person using it; (b) the signatures are capable of certification; and (c) each signature is under sole control of the person using it. The notary requirement is waived for bid bonds that are signed electronically.

If a bid will be submitted via an electronic lock box, all bid documents may be submitted electronically, including the bid bond. If a bid will be submitted in hard copy format to a physical bid box, the electronically signed bid bond must still be physically submitted with the bid package.

The bid bond must meet all other statutory criteria for bid bonds and must be submitted in compliance with the Instruction to Bidders. The City reserves the right to reject bid bonds that do not meet the above criteria.

8.7 Submission of Bids

Bidders must submit their Bid through the eBuilder Bid Portal, using the following link:

The Bidder shall assume full responsibility for timely delivery at the location designated for receipt of Bids. Oral, telephonic or telegraphic Bids are invalid and will not receive consideration. Bids received after the time and date for receipt of Bids will be returned to Bidder unopened.

No responsibility will be attached to the Owner for premature opening of or failure to open a Bid not properly identified.

8.8 Modification or Withdrawal of Bid

After opening, each Bid is a firm offer by the Bidder to contract which may not be withdrawn for 120 Calendar Days from bid opening.

Prior to bid opening, any Bid submitted may be withdrawn by notice to the City. For withdrawal to be effective, the City must actually receive the notice prior to bid opening. Such notice shall be in writing over the signature of the Bidder, and it shall be worded so that it does not reveal the amount of the original Bid.

Withdrawn Bids may be modified and resubmitted up to the time designated for the receipt of Bids provided that they are then fully in conformance with these Instructions to Bidders.

9.0 CONSIDERATION OF BIDS

9.1 Basis of Award

It is the intent of the Owner to award a Contract to the lowest responsive and responsible Bidder, provided the Bid has been submitted in accordance with the requirements of the Bidding Documents and does not exceed the funds available. The Owner shall have the right to waive abnormalities and irregularities in a Bid received and to accept the Bid which, in the Owner's judgment, is in the Owner's best interests.

9.2 Opening of Bids

The Bids received on time will be opened publicly and will be read aloud. An abstract of the Bids may be made available to Bidders.

9.3 Alternates

The Owner shall have the right to request Alternates in addition to the base bid and the right to accept Alternates in any order or combination, unless otherwise specifically provided in the Bid Documents. Determination of the low Bidder will be made on the basis of the sum of the Base Bid and any Alternates accepted. When an Alternate is a request for a preferred brand, such request is made pursuant to North Carolina General Statute 133-3. The performance standards that support the preferences are set forth below and were communicated during the pre-bid meeting. The Owner has selected each of the preferred brand Alternates set forth on the bid submission form and in the specifications based on the following:

1. The brand requested provides a cost savings to the Airport; and
2. The brand requested maintains or improves the system/process affected by the preference.

9.4 Rejection of Bids

The Owner reserves the right to reject any and or all Bids.

- A. Notwithstanding any of the above, the Owner reserves the right to reject any or all Bids and to waive any informality or technicality. Being the low Bidder does not mean that the Contract is required to be awarded to said Bidder or that the Contract will be awarded at all.

- B. Bids may be considered non-responsive for reasons such as but not limited to the following:
 - 1. If the Bid is on a form other than that furnished by the Owner, or if the Owner's form is altered, or if any part of the Bid Form is detached.
 - 2. If there are unauthorized additions, known substitutions, conditional or alternate pay items, or irregularities of any kind which make the Bid incomplete, indefinite, or otherwise ambiguous.
 - 3. If the Bid does not contain a unit price for each pay item listed in the Bid, except in the case of authorized alternate pay items, for which the Bidder is not required to furnish a unit price.
 - 4. If the Bid is not accompanied by the Bid Bond specified by the Owner.
 - 5. Failure of authorized person to sign Bid Form.
 - 6. Failure to Submit Necessary Forms per this Instruction to Bidders.
- C. A Bidder may be considered disqualified for any of the reasons such as but not limited to the following:
 - 1. Submitting more than one Bid from the same partnership, firm, or corporation under the same or different name.
 - 2. Evidence of collusion among Bidders. Bidders participating in such collusion shall be disqualified as Bidders for any future work of the Owner until any such participating Bidder has been reinstated by the Owner as a qualified Bidder.

10 AWARD OF CONTRACT

The Contract will be awarded in accordance with award criteria as soon as possible from bid opening and the successful low bidder will receive a written notice of award. Contract work may not proceed until the properly executed Contract and all required submittals are delivered to the Owner in acceptable form and the City has executed the Contract. The Contract Time will commence in accordance with a Notice to Proceed issued by the City and will not be extended due to delays by the Contractor in delivering required documents.

11.0 SUBMITTALS

The successful bidder shall, within ten days after notice of award, furnish to the Owner any submittals required by the Contract Documents or requested by the Owner to be submitted, including the following::

- A. The executed Contract;
- B. A detailed breakdown of any compound unit prices;
- C. All post-bid opening CBI documents required (see Section V – Charlotte Business Inclusion Program);
- D. Performance and payment bonds, each in an amount equal to the Contract sum;
- E. Upon Owner's request, form copies of subcontractors Contractor will use on this Project;
- F. Baseline Schedule as defined by General Conditions Section 21;
- G. Certificates of Insurance;
- H. A statement of the required experience;

- I. The names of manufacturers, products, and the suppliers of principal items or systems of materials and equipment proposed for the Work;
- J. A designation of the Work to be performed with the Bidder's own forces; and
- K. The names of persons or entities who are to furnish the principal portions of the Work.

12.0 FINANCIAL

12.1 Audit Rights

The Owner shall have the right to inspect, examine and make copies of any and all books, accounts, records, and other writings of contractors relating to the performance of the Work under the Contract, including change orders. Such audit rights shall be extended to any duly authorized representatives designated by the Owner. Audits shall take place at times and locations mutually agreed upon by both parties, but not later than one week following the date of a request for an audit.

12.2 Owner's Contingency

The City has established an owner's contingency of **0%** of the Bid amount for this Project. The City is in full control of all owner contingency funds and the Contractor is not entitled to any portion of the owner contingency funds unless and until the City is in agreement with all aspects of any potential work the Contractor may perform that is beyond the original scope (or unit quantity estimates) of this Contract, which shall be determined through the change, dispute and other processes set forth by this Contract. Contractor must obtain the City's written approval in the form of a Contingency Authorization to expend any owner contingency funds.

12.3 Subcontractor Payments

Bidders are advised of the subcontractor payment requirements described in North Carolina General Statutes ("NCGS") 22C-2 "Performance by Subcontractor" and 22C-3 "Time of Payment to Subcontractor."

NCGS 22C-2 prohibits as a matter of public policy the insertion of "Pay-When-Paid" clauses in subcontractor agreements. A contractor may not condition subcontractor payments on the contractor's receipt of payments from the owner.

NCGS 22C-3 requires contractors to pay subcontractors for work performed in accordance with contract requirements within seven days of contractor's receipt of a period or final payment from the owner.

13.0 CONFIDENTIALITY REQUIREMENTS

- 13.1 Bidder hereby agrees to comply with all confidentiality requirements set forth in this section in connection with this Project.

13.2 Confidential Information

Confidential Information includes any information, not generally known in the relevant trade or industry, obtained from the Owner or its vendors or licensors or which falls within any of the following general categories:

- A. Trade secrets. For purposes of this Contract, trade secrets consist of information of the Owner or any of its suppliers, contractors or licensors: (a) that derives value from being secret; and (b) that the owner has taken reasonable steps to keep confidential. Examples of trade secrets include information relating to proprietary software, new technology, new products or services, flow charts or diagrams that show how things work, manuals that tell how things work and business processes and procedures.

- B. Information of the Owner or its suppliers, contractors or licensors marked "Confidential" or "Proprietary."
- C. Information relating to criminal investigations conducted by the Owner, and records of criminal intelligence information compiled by the Owner.
- D. Information contained in the City/County's personnel files, as defined by N.C. Gen. Stat. 160A-168. This consists of all information gathered and/or maintained by the Owner about employees, except for that information which is a matter of public record under North Carolina law.
- E. Citizen or employee social security numbers collected by the Owner.
- F. Computer security information of the Owner, including all security features of electronic data processing, or information technology systems, telecommunications networks and electronic security systems. This encompasses but is not limited to passwords and security standards, procedures, processes, configurations, software and codes.
- G. Local tax records of the Owner that contains information about a taxpayer's income or receipts.
- H. Any attorney / Owner privileged information disclosed by either party.
- I. Any data collected from a person applying for financial or other types of assistance, including but not limited to their income, bank accounts, savings accounts, etc.
- J. The name or address of individual homeowners who, based on their income, have received a rehabilitation grant to repair their home.
- K. Building plans of Owner-owned buildings or structures, as well as any detailed security plans.
- L. Billing information of customers compiled and maintained in connection with the Owner providing utility services.
- M. Other information that is exempt from disclosure under the North Carolina public records laws.

Categories 13.2(C) through 13.2(M) above constitute "Highly Restricted Information," as well as Confidential Information. The Company acknowledges that certain Highly Restricted Information is subject to legal restrictions beyond those imposed by these requirements, and agrees that: (a) all requirements set forth herein applicable to Confidential Information shall apply to Highly Restricted Information; and (b) the Contractor will also comply with any more restrictive instructions or written policies that may be provided by the Owner from time to time to protect the confidentiality of Highly Restricted Information.

13.3 Restrictions

The Contractor shall keep the Confidential Information in the strictest confidence, in the manner set forth below:

- A. It shall not copy, modify, enhance, compile or assemble (or reverse compile or disassemble), or reverse engineer Confidential Information.
- B. It shall not, directly or indirectly, disclose, divulge, reveal, report or transfer Confidential Information of the Owner to any third party or to any individual employed by the Contractor, other

than an employee, agent, subcontractor or vendor of the Owner or Contractor who: (i) has a need to know such Confidential Information, and (ii) has executed a confidentiality agreement incorporating substantially the form of this Section and containing all protections set forth herein.

- C. It shall not use any Confidential Information of the Owner for its own benefit or for the benefit of a third party, except to the extent such use is authorized by Owner as set forth herein, or is for the purpose for which such Confidential Information is being disclosed.
- D. It shall not remove any proprietary legends or notices, including copyright notices, appearing on or in the Confidential Information of the Owner.
- E. The Contractor shall use its best efforts to enforce the proprietary rights of the Owner and the Owner's vendors, licensors and suppliers (including but not limited to seeking injunctive relief where reasonably necessary) against any person who has possession of or discloses Confidential Information in a manner not permitted by Owner.
- F. In the event that any demand is made in litigation, arbitration or any other proceeding for disclosure of Confidential Information, the Contractor shall assert these provisions as grounds for refusing the demand and, if necessary, shall seek a protective order or other appropriate relief to prevent or restrict and protect any disclosure of Confidential Information.
- G. All materials which constitute, reveal or derive from Confidential Information shall be kept confidential to the extent disclosure of such materials would reveal Confidential Information, and unless otherwise agreed, all such materials shall be returned to the Owner or destroyed upon satisfaction of the purpose of the disclosure of such information.

13.4 Exceptions

The parties agree that the Contractor shall have no obligation with respect to any Confidential Information which the Contractor can establish:

- A. Was already known to the Contractor prior to being disclosed by the disclosing party;
- B. Was or becomes publicly known through no wrongful act of the Contractor;
- C. Was rightfully obtained by the Contractor from a third party without similar restriction and without breach hereof;
- D. Was used or disclosed by the Contractor with the prior written authorization of the Owner;
- E. Was disclosed pursuant to the requirement or request of a governmental agency, which disclosure cannot be made in confidence, provided that, in such instance, the Contractor shall first give to the Owner notice of such requirement or request;
- F. Was disclosed pursuant to the order of a court of competent jurisdiction or a lawfully issued subpoena, provided that the Contractor shall use its best efforts to obtain an agreement or protective order providing that, to the greatest extent possible, the confidentiality requirements set forth herein will be applicable to all disclosures under the court order or subpoena.

13.5 Unintentional Disclosure

Notwithstanding anything contained hereinto the contrary, in the event that the Contractor is unintentionally exposed to any Confidential Information of the Owner, the Company agrees that it shall

not, directly or indirectly, disclose, divulge, reveal, report or transfer such Confidential Information to any person or entity or use such Confidential Information for any purpose whatsoever.

13.6 Remedies

The Contractor acknowledges that the unauthorized disclosure of the Confidential Information of the Owner will diminish the value of the proprietary interests therein. Accordingly, it is agreed that if the Contractor breaches its obligations hereunder, the Owner shall be entitled to equitable relief to protect its interests, including but not limited to injunctive relief, as well as monetary damages.

14.0 CLT PROJECT CONTROL SYSTEM

Upon Owner's request, Contractor shall use the Owner's web-based project control software, which is now Trimble Unity Construct, but is or may be referred to in this solicitation and Contract by its former name of ("e-Builder" and/or as "Trimble Unity Construct"), for records retention and management of all Project documentation. Information on e-Builder can be found at www.e-builder.net. Documents, forms, and processes that will be used in e-Builder by the Owner, Owner's representatives and Contractor include but are not limited to: construction drawings (including as-builts), submittals (quality plan, safety plan, schedules, etc.), reports (accident, Inspection, nonconformance, etc.), project photos, transmittals, requests For information, change notices, change requests, change orders, change directives, design change, field change notices, letters, meeting notifications, meeting minutes, Buy America certifications and pay applications. If an item is not covered by e-Builder, submittal shall be as directed by the Owner or Owner's representative. For shop drawing submittal documents larger than 11x17, submittal shall be as directed by the Owner or Owner's representative.

Owner will provide access and technical service for five (5) e-Builder licenses at no cost to the Contractor. Any additional e-Builder licenses will be the responsibility of the Contractor to purchase as needed. The Owner will provide training at no cost to the Contractor.

Contractor shall submit a Submittal Register to the Owner or Owner's representative after the notice of award. The Submittal Register shall include a list of all shop drawings, product information, designs, reports, procedures, management and quality plans, Buy America certifications, test plans, operations and maintenance manuals, and all other documents required to be submitted under the Contract. The Submittal Register shall also include the planned dates for all submittals to be submitted for the entire duration of the Contract. The Contractor shall submit an updated submittal register monthly with any changes to the planned submittal dates.

The Owner or Owner's representative will provide will the Contractor with the format for the Submittal Register. The Contractor should allow a minimum of twenty-one (21) days for review and approval of the Submittal Register following the submittal date, unless otherwise approved by the Owner. The Submittal Register shall include the following information:

- a) Number
- b) Package
- c) Specification Section and Sub-Section
- d) Revision (designate on original submittals as Rev. 00)
- e) Description
- f) Category
- g) Submittal Date

III. BID FORM AND SUPPLEMENTS

A. ITEMIZED BID**PART 139 REMEDIATION AND RUNWAY REDESIGNATION**

Charlotte Douglas International Airport

Project No.: 26-06

BASE BID (Unit Price Total Amount = BASE BID)

The undersigned Bidder, having carefully examined the Bidding and Contract Documents, and having visited the site, and being familiar with all conditions and requirements of the Work, hereby agrees to furnish all material, labor, equipment, permits and services, including all scheduled Allowances, necessary to complete the Work for the above-named project, in accordance with the requirements of the Bidding Documents, for the sum of:

_____ Dollars (\$_____)

UNIT PRICES

Item No.	Spec. No.	Description	Unit	Qty	Unit Price	Extended Price
General						
1	C-100	CONTRACTOR QUALITY CONTROL PROGRAM (CQCP)	LS	1		
2	C-105	MOBILIZATION	LS	1		
3	M-103	MOBILE LIGHTED CLOSED RUNWAY MARKER (CONTRACTOR-FURNISHED)	EA	2		
4	M-103	CLOSED TAXIWAY MARKER (CONTRACTOR-FURNISHED)	EA	3		
5	M-107	AVIATION BARRICADES	LF	1,600		
6	SP-34	GENERAL ALLOWANCE AMOUNT	LS	1	\$670,000	\$670,000
Nomenclature						
7	P-101	COLD MILLING (2" DEPTH)	SY	1,900		
8	P-401	ASPHALT BASE COURSE	TN	270		
9	P-603	EMULSIFIED ASPHALT TACK COAT	GL	300		
10	P-619	PAINT REMOVAL	SF	60,000		
11	P-620	INITIAL MARKING (WHITE, WITH BEADS)	SF	5,000		
12	P-620	INITIAL MARKING (YELLOW, WITH BEADS)	SF	100		
13	P-620	FINAL MARKING (WHITE, WITH BEADS)	SF	5,000		
14	P-620	FINAL MARKING (YELLOW, WITH BEADS)	SF	100		
15	P-620	OUTLINE MARKING (BLACK, NO BEADS)	SF	800		
16	P-620	REFLECTIVE MEDIA	LS	1		
17	P-620	SURFACE PAINTED SIGN (REGARDLESS OF COLOR OR TYPE, WITH BEADS)	EA	125		
18	P-620	BLACK OUT MARKING	SF	5,000		
19	L-125	L-858 AIRFIELD GUIDANCE SIGN PANEL REPLACEMENT	EA	194		

Item No.	Spec. No.	Description	Unit	Qty	Unit Price	Extended Price
20	L-125	VEHICLE ROADWAY SIGN PANEL REPLACEMENT	EA	11		
21	L-125	REMOVE AND REINSTALL EXISTING ELEVATED EDGE LIGHT WITH NEW CABLE TAGS	EA	119		
22	L-125	REMOVE AND REINSTALL EXISTING IN-PAVEMENT EDGE LIGHT WITH NEW CABLE TAGS	EA	591		
23	L-125	INSTALL NEW CABLE TAGS IN EXISTING JUNCTION CAN	EA	59		
24	L-125	INSTALL NEW CABLE TAGS IN EXISTING MANHOLE/HANDHOLE	EA	75		
25	L-125	AIRFIELD LIGHTING VAULT CCR RELABELING AND CIRCUIT RETAGGING	LS	1		
26	L-125	ALCMS MODIFICATIONS (MANUFACTURER)	ALW	1		
27	L-125	ALCMS MODIFICATIONS (CONTRACTOR)	LS	1		
Part 139						
28	P-101	ASPHALT PAVEMENT REMOVAL	SY	615		
29	P-101	CONCRETE PAVEMENT REMOVAL	SY	25		
30	P-101	REMOVAL OF CONDUIT	LF	220		
31	P-101	REMOVAL OF CABLE	LF	4,700		
32	P-101	REMOVAL OF EXISTING VEHICLE ROADWAY SIGN, INCLUDING DEMOLITION OF EXISTING FOUNDATION	EA	10		
33	P-101	REMOVAL OF EXISTING AIRFIELD GUIDANCE SIGN, INCLUDING DEMOLITION OF EXISTING FOUNDATION	EA	12		
34	P-209	CRUSHED AGGREGATE BASE COURSE	CY	260		
35	P-306	LEAN CONCRETE BASE COURSE (6")	SY	25		
36	P-501	CONCRETE PAVEMENT (18") (REINFORCED)	SY	25		
37	P-501	CONCRETE PAVEMENT (24") (REINFORCED)	SY	180		
38	P-623	SEAL COAT	SY	200		
39	P-603	EMULSIFIED ASPHALT TACK COAT	GL	50		
40	P-605	JOINT SEALING FILLER	LF	650		
41	P-607	ISOLATION JOINT	LF	100		
42	P-619	PAINT REMOVAL	SF	15,000		
43	P-620	INITIAL MARKING (YELLOW, WITH BEADS)	SF	5,000		
44	P-620	FINAL MARKING (YELLOW, WITH BEADS)	SF	5,000		
45	P-620	OUTLINE MARKING (BLACK, NO BEADS)	SF	7,500		
46	P-620	REFLECTIVE MEDIA	LS	1		
47	D-705	6 INCH PERFORATED PIPE, INCLUDING POROUS BACKFILL AND FILTER FABRIC	LF	100		
48	L-108	NO. 8 AWG, 5KV, L-824 TYPE C CABLE, INSTALLED IN TRENCH, DUCT BANK OR CONDUIT	LF	5,300		

Item No.	Spec. No.	Description	Unit	Qty	Unit Price	Extended Price
49	L-108	NO. 6 AWG SOLID BARE COPPER COUNTERPOISE WIRE, INSTALLED IN TRENCH, INCLUDING CONNECTIONS/TERMINATIONS	LF	300		
50	L-110	NON-ENCASED ELECTRICAL CONDUIT, 2" SCH 80 PVC, TYPE III	LF	100		
51	L-110	CONCRETE-ENCASED ELECTRICAL CONDUIT, 2" SCH 40 PVC, TYPE II	LF	300		
52	L-125	RETROFLECTIVE MARKERS	EA	5		
53	L-125	RELOCATED L-858(L) ARIFIELD GUIDANCE SIGN (3-MODULE) ON NEW FOUNDATION WITH EXISTING PANELS	EA	2		
54	L-125	RELOCATED L-858(L) ARIFIELD GUIDANCE SIGN (4-MODULE) ON NEW FOUNDATION WITH EXISTING PANELS	EA	10		
55	L-125	RELOCATED L-861T(L) BASE MOUNTED MITL (IN-PAVEMENT, NEW SHOULDER PAVEMENT)	EA	9		
56	L-125	RELOCATED L-861T(L) BASE MOUNTED MITL (IN-PAVEMENT, SHOULDER TO REMAIN)	EA	10		
57	L-125	VEHICLE ROADWAY SIGN	EA	11		
58	R-610	NCDOT ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C	TN	55		
59	R-610	NCDOT ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C	TN	80		
Unit Price Total Amount (Base Bid):						

In case of error in extension of prices in the Bid, the unit prices, where available, shall govern.

BID GUARANTEE

The undersigned Bidder agrees to execute the Contract for the above amount and to furnish surety as specified within 10 days after notice of award, if offered within 120 calendar days after receipt of bids, and upon failure to do so agrees to forfeit the attached cash, cashier's check, certified check, U. S. money order, or bid bond, as liquidated damages for such failure, in the amount of:

_____ Dollars (\$_____)

the stated amount constituting five percent (5%) of the Base Bid amount above.

If the Project costs are greater than \$300,000, NCGS 143-128(d) requires all single prime bidders to identify their subcontractors for the above subdivisions of work. A contractor whose bid is accepted shall not substitute any person as subcontractor in the place of the subcontractor listed in the original bid, except (i) if the listed subcontractor's bid is later determined by the contractor to be non-responsive or the listed subcontractor refuses to enter into a contract for complete performance of the bid work, or (ii) with the approval of the awarding authority for good cause shown by the contractor.

List the following subcontractors you are using on this project:

Electrical	_____	License # _____
Mechanical, if applicable	_____	License # _____
Plumbing, if applicable	_____	License # _____
Fire Protection, if applicable	_____	License # _____

BID SUPPLEMENTS

Attached to this Bid Form and incorporated herein are the following documents, completed in full by the undersigned:

Certificate of Non-Discrimination
CBI Form # 3
Bid Bond

PLEASE NOTE - FAILURE TO INCLUDE ALL BID SUPPLEMENTS MAY RESULT REJECTION OF THIS BID.

CONTRACTOR'S LICENSE

The undersigned further states that he is a duly licensed Contractor, for the type of work proposed, in the State of North Carolina, and that all fees, permits, etc., pursuant to the submission of this proposal have been paid in full. LICENSE # _____.

CONFIDENTIALITY REQUIREMENTS

By signing this bid form, I acknowledge that I have read, understand and shall comply with the confidentiality requirements as stated in the Instruction to Bidders, Section 13.

B. EXECUTION OF BID**NON-COLLUSION AFFIDAVIT, DEBARMENT CERTIFICATION AND GIFT BAN CERTIFICATION**

The person executing the bid, on behalf of the Bidder, being duly sworn, solemnly swears (or affirms) that neither he, nor any official, agent or employee of the Bidder has entered into any agreement, participated in any collusion, or otherwise taken any action which is in restraint of free competitive bidding in connection with any bid or contract, that the Bidder has not been convicted of violating North Carolina General Statute 133-24 within the last three years, and that the Bidder intends to do the work with its own bona fide employees or subcontractors and is not bidding for the benefit of another contractor.

In addition, execution of this bid in the proper manner also constitutes the Bidder's certification of status under penalty of perjury under the laws of the United States in accordance with the Debarment Certification attached, provided that the Debarment Certification also includes any required statements concerning exceptions that are applicable.

NC General Statute 133-32 prohibits the offer to, or acceptance by, any City Employee of any gift from anyone with a contract with the City or State, or from any person seeking to do business with the City of Charlotte. By execution of any response in this procurement, you attest, for your entire organization and its employees or agents, that you are not aware that any such gift has been offered, accepted, or promised by any employees of your organization.

The undersigned, having carefully examined the site and familiarized himself with the existing conditions on the Project area affecting the cost of work and hereby proposes to furnish all supervision, labor, equipment, materials and services required to construct and complete the Project in accordance with the Bid Documents at and for the total Bid amount.

The undersigned attests that he/she has the legal authority to execute this Bid on behalf of the corporation.

The undersigned acknowledges receipt of the following addenda (initial next to each addendum):

1: ____ # 2: ____ # 3: ____ # 4: ____ # 5: ____ # 6: ____ # 7: ____ # 8: ____ # 9: ____

Type of Bidder:
(check 1 box)

☐ Sole Proprietor ☐ Partnership ☐ Corporation ☐ Limited Liability Company
☐ Joint Venture

(if joint venture, complete this "Execution of Bid" sheet for each joint venture company and identify the "Name of Joint Venture" on each sheet)

Name of Joint Venture: _____

Company Name: _____

Mailing Address: _____

City/State/Zip: _____

Phone: _____

Email: _____

Printed Name: _____

Title: _____

Signature: _____

C. COMMERCIAL NON-DISCRIMINATION CERTIFICATION

Project: _____

Name of Company (Bidder): _____

The undersigned Bidder hereby certifies and agrees that the following information is correct:

1. In preparing its [Proposal/Bid], the [Company/Bidder] has considered all [proposals/bids] submitted from qualified, potential subcontractors and suppliers, and has not engaged in or condoned discrimination, as defined in Section 2 below.
2. For purposes of this form, *discrimination* means discrimination in the solicitation, selection, or treatment of any subcontractor, vendor, supplier or commercial customer on the basis of a person's race, color, gender, religion, national origin, ethnicity, age, familial status, sex (including sexual orientation, gender identity and gender expression), veteran status, pregnancy, natural hairstyle or disability, or any otherwise unlawful form of discrimination. Without limiting the foregoing, *discrimination* also includes retaliating against any person or other entity for reporting any incident of *discrimination*.
3. Without limiting any other remedies that the City may have for a false certification, it is understood and agreed that, if this certification is false, such false certification will constitute grounds for the City to reject the bid submitted with this certification and terminate any contract awarded based on such bid. It shall also constitute a violation of the City's Commercial Non-Discrimination Ordinance and shall subject the Bidder to any remedies allowed thereunder, including possible disqualification from participating in City contracts or bid processes for up to two years.
4. As a condition of contracting with the City, the Bidder agrees to promptly provide to the City all information and documentation that may be requested by the City from time to time regarding the solicitation and selection of subcontractors in connection with this solicitation process. Failure to maintain or failure to provide such information shall constitute grounds for the City to reject the bid submitted by the Bidder and terminate any contract awarded on such bid. It shall also constitute a violation of the City's Commercial Non-Discrimination Ordinance and shall subject the Bidder to any remedies allowed thereunder.
5. As part of its bid or proposal, the Bidder or Proposer shall provide to the City a list of all instances within the past ten years where a complaint was filed or pending against Bidder or Proposer in a legal or administrative proceeding alleging that Bidder or Proposer discriminated against its subcontractors, vendors or suppliers, and a description of the status or resolution of that complaint, including any remedial action taken.
6. As a condition of submitting a proposal to the City, the Bidder agrees to comply with the City's Commercial Non-Discrimination Policy as described in Section 2, Article V of the Charlotte City Code, and consents to be bound by the award of any arbitration conducted thereunder.

By: _____
Signature of Authorized Official

Title: _____

D. CBI FORM 3: SUBCONTRACTOR/SUPPLIER UTILIZATION COMMITMENT (page 1 of 2)

This form **MUST** be submitted at the time of Bid Opening. *Copy this CBI Form 3 as needed.*

Failure to properly complete and submit Form 3 with the Bid constitutes grounds for rejection of the Bid.

Per Section 3.5 of the CBI Administrative Procedures Manual, the Subcontractor/Supplier Utilization Commitment (**CBI Form 3**), captures information regarding the MWSBEs and other subcontractors and suppliers that the Bidder intends to use on the Contract **FOR ALL TIERS**.

For Construction Contracts under \$500,000, M/W/SBEs must satisfy the requirements of Section 2 of the CBI Administrative Procedures Manual in order to count the work they intend to perform on the contract with its own current workforces towards the established Subcontracting Goal, and must list themselves below along with their projected utilization amount.

Bidder Name:	
Project Name:	
Established SWBE Goal:	10%
Established MBE Goal:	3%

List below all **M/W/SBEs (Non-Hauling Services)** that you intend to use on this Contract. **NOTE: You will only receive credit for M/W/SBEs that are currently certified with the City as of the Bid Opening Date.**

M/W/SBE Vendor Name (Non-Hauling Services)	Description of work / materials	NIGP Code	Total Projected Utilization (\$)

For all hauling services on this Contract, list below all SBEs and MBEs that you intend to provide such work and the Total Projected Utilization (\$).

M/W/SBE Vendor Name (Hauling Services)	Description of work / materials	NIGP Code	Total Projected Utilization (\$)

Total Subcontractor / Supplier Utilization (including SBEs, MBEs, WBEs, and Non-MWSBEs)

\$ _____

Total MBE Utilization

\$ _____

Total WBE Utilization

\$ _____

Total SBE Utilization

\$ _____

Total Bid Amount (including Contingency)

\$ _____

Percent MBE Utilization* (Total MBE Utilization *divided by* Total Bid Amount)

_____ %

Percent WBE Utilization* (Total WBE Utilization *divided by* Total Bid Amount)

_____ %

Percent SBE Utilization* (Total SBE Utilization *divided by* Total Bid Amount)

_____ %

* The M/W/SBE Utilization percentage stated **MUST** be rounded to (2) decimal places.

CBI FORM 3: Subcontractor / Supplier Utilization Commitment (Page 2 of 2)

List below all **non-M/W/SBEs (subcontractors and suppliers)** that you intend to use on this Contract

Vendor Name	Description of work / materials	NIGP Commodity Code	Projected Utilization (if known)(\$)

Letters of Intent submitted upon notice from the City

Per Section 3.5 of the CBI Administrative Procedures Manual, within three (3) Business Days after receiving a request from the City (or within such longer time as may be communicated by the City in writing), Bidders must submit a separate Letter of Intent (**CBI Form 4**) for each M/W/SBE listed on **CBI Form 3**. Each Letter of Intent must be executed by both the M/W/SBE and the Bidder. The City shall not count proposed M/W/SBE utilization for which it has not received a Letter of Intent by this deadline. In addition, a Hauler's fees or commissions charged by an MWSBE hauler for providing a Commercially Useful Function shall count towards meeting the applicable Contract Goals. The costs of a hauler's materials or supplies shall not count as part of the fees or commissions. The Bidder is still obligated to pay the M/W/SBE the full amount listed on the Contract with the M/W/SBE regardless of what percentage is actually counted towards the M/W/SBE Goal.

Adding subcontractors or suppliers after submitting this form

Nothing in this certification shall be deemed to preclude you from entering into subcontracting arrangements after submission of this form. However, per the CBI Administrative Procedures Manual, you must comply with the following:

- You must maintain the level of M/W/SBE participation proposed on this **CBI Form 3** (and **CBI Form 3A**, if applicable) throughout the duration of the Contract, except as specifically allowed in Section 5
- If you need to terminate or replace a M/W/SBE, you must comply with Section 5.3
- If the scope of work on the Contract increases, or if you elect to subcontract any portion of work not identified on this form as being subcontracted, then you must comply with Section 5.4
- A Letter of Intent (**CBI Form 4**) must also be submitted for each M/W/SBE you add subsequent to contract award.

All Subcontractors and Suppliers must be registered with the City of Charlotte.

Pursuant to the City's Vendor Registration Policy, each subcontractor or supplier (non-MBE/SBE, WBEs, SBEs and MBEs) that you use on this contract must be registered in the City's vendor database.

Signature

Your signature below indicates that the undersigned firm certifies and agrees that:

- (a) It has complied with all provisions of the CBI Policy and Administrative Procedures Manual; and,
- (b) Failure to properly document such compliance in the manner and within the time periods established by the CBI Policy and Administrative Procedures Manual shall constitute grounds for rejection of your bid.

Signature of Authorized Official

Printed Name

Title

Submittal Date

IV. CONTRACT REQUIREMENTS AND FORMS

A. CONTRACT

This Contract is made and entered into this ____ day of _____, 20____ (the "Effective Date"), by and between the City of Charlotte, a North Carolina municipal corporation ("City") and [insert contractor name], a [insert corporate description] ("Contractor").

RECITALS

WHEREAS, the City is the owner and operator of Charlotte Douglas International Airport ("Airport");

WHEREAS, the City issued An Invitation to Bid dated _____ requesting bids from qualified firms for Part 139 Remediation and Runway Redesignation (the "Project"). This Invitation to Bid, together with all attachments and addenda, is referred to herein as the "ITB";

WHEREAS, the Contractor submitted a bid in response to ITB dated _____ ("the Bid"); and

WHEREAS, The City has elected to accept Contractor's Bid and wishes to enter into this Contract with Contractor for the Project.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and in further consideration of the covenants and conditions contained in this Contract, the parties agree as follows:

CONTRACT

1.0 NON-COLLUSION AFFIDAVIT. The Contractor certifies, by execution of this Contract, that during the bidding phase of this project, neither he nor any company that he may represent, nor anyone on behalf of him or his company, directly or indirectly, entered into any combination, collusion, undertaking, or agreement with any other bidder or bidders to maintain the prices of said Work or to prevent any other bidder or bidders from bidding on said Contract or Work.

2.0 SCOPE OF WORK. The Contractor shall furnish all supervision, labor, materials, machinery, tools, equipment and services, and perform and complete all work in an efficient and workmanlike manner and in accordance with the terms of this Contract, as shall be necessary to complete construction of the Project.

3.0 CONTRACT DOCUMENTS. The Contract Documents shall include, without limitation, the Invitation to Bid, Instructions to Bidders, Bid Form and Supplements, Contract Requirements and Forms, required certificates and affidavits, bonds, addenda, technical specifications and plans. The Contract shall constitute one instrument.

Each reference to the Contract shall be deemed to include all Contract Documents. Any conflict between language in an Exhibit to this Contract and the main body of this Contract shall be resolved in favor of the main body of this Contract.

Each reference to "[insert contractor name]" in the Contract Documents shall be deemed to mean the "Contractor." Each reference to the "City of Charlotte," "City" or "Sponsor" in the Contract Documents shall be deemed to mean the "Owner."

4.0 CONTRACT PRICE. The Contract is awarded based upon a unit price bid. The Contract Price equals the unit price for each Contract Item of Work multiplied by the actual units of each Contract Item of Work approved by the Owner as satisfactorily completed in accordance with the Contract. As of the date of execution of this Contract, the Contract Price is [insert contract sum]. The final Contract Price will be determined upon completion and acceptance of the Work by the Owner and shall incorporate all the approved Contract Items of Work and, to the extent applicable, Change Orders and liquidated damages as described in Paragraph 6 below.

5.0 CONTRACT TIME. The date of commencement of the Work shall be fixed in a written Notice to Proceed from the Owner to the Contractor. The Contract Time shall be measured from the date of commencement. The Contractor

shall achieve Substantial Completion of the Work not later than 150 calendar days from the date of commencement. Contractor shall then achieve Final Completion of the Work, including all required final submittals, not later than 30 calendar days from the date of Substantial Completion. The Contractor shall notify the Owner in writing at least 24 hours in advance of the time actual construction operations will begin.

6.0 LIQUIDATED DAMAGES. Contractor is obligated to complete the Work within the Contract Time and the Phases set forth below and acknowledges that Owner will be damaged should Contractor not complete the Work within the Contract Time or the Phases and Subphases. In lieu of proceedings to ascertain the amount of such damages, Contractor and Owner agree that such damages shall be equal to, and Contractor shall be obligated to pay Owner, in the amount of \$10,000 for each day the Work is not completed within the Contract Time. Additionally, Contractor and Owner agree that damages for failures to complete Phases and Subphases within the time allotted shall be equal to, and Contractor shall be obligated to pay Owner, the amounts set forth below. Such liquidated damages shall be the exclusive standard and remedy for determining the amount of damages associated with Contractor's failure to complete the Work within the Contract Time.

- A. Failure to achieve Substantial Completion within the Contract Time, 150 Calendar Days: **\$10,000 per calendar day.**
- B. Failure to achieve phase or subphase completion within the specified timeframe: \$2,500 per Calendar Day, or any portion thereof.
 - Phase 1: 30 Days to complete all subphases 1-A through 1-L
 - i. Subphase 1-A and 1-B: Shall be performed and completed together in a total of 4 consecutive nights to complete both subphases. Work must begin on the night of May 8, 2026, and be completed by 0600 local time on May 12, 2026.
 - ii. Subphase 1-C: 1 Night. Work must begin on the night of May 12, 2026, and be completed by 0600 local time on May 13, 2026.
 - iii. Subphase 1-D: 2 Nights, work must begin on the night of May 13, 2026 (FAA Charting Date is May 14, 2026) and be completed by 0600 local time on May 15, 2026.
 - iv. Subphase 1-E: 1 Night. Work must begin on the night of May 13, 2025, and be completed by 0600 local time on May 14, 2026.
 - v. Subphase 1-F and 1-G: Shall be performed and completed together in a total of 3 consecutive nights to complete both subphases. Work must begin on the night of May 15, 2026, and be completed by 0600 local time on May 18, 2026.
 - Phase 2: 60 Days to complete all subphases 2-A through 2-L
 - i. Subphase 2-A: 8 Nights. Work must begin on the night of June 23, 2026, and be completed by 0600 local time on July 1, 2026.
 - ii. Subphase 2-B: 4 Nights. Work must begin on the night of July 1, 2026, and be completed by 0600 local time on July 5, 2026.
 - iii. Subphase 2-C: 3 Nights. Work must begin on the night of July 5, 2026, and be completed by 0600 local time on July 8, 2026.
 - iv. Subphase 2-D: 2 nights, work must begin on the night of July 8, 2026 (FAA Charting Date is July 9, 2026) and be completed by 0600 local time on July 10, 2026. Work must begin on the night of July 8, 2026, and be completed by 0600 local time on July 10, 2026.
 - v. Subphase 2-E: 1 night. Work must begin on the night of July 8, 2026, and be completed by 0600 local time on July 9, 2026.
 - vi. Subphase 2-F: 4 Nights. Work must begin on the night of July 10, 2026, and be completed by 0600 local time on July 14, 2026.
 - vii. Subphase 2-G: 8 Nights. Work must begin on the night of July 14, 2026, and be completed by 0600 local time on July 22, 2026.
 - Phase 3: 60 Days to complete all subphases 3-A through 3-K

- i. Subphase 3-A: 8 Nights. Work must begin on the night of August 18, 2026, and be completed by 0600 local time on August 26, 2026.
- ii. Subphase 3-B: 4 Nights. Work must begin on the night of August 26, 2026, and be completed by 0600 local time on August 30, 2026.
- iii. Subphase 3-C: 3 Nights. Work must begin on the night of August 30, 2026, and be completed by 0600 local time on September 2, 2026.
- iv. Subphase 3-D: 2 nights, work must begin on the night of September 2, 2026 (FAA Charting Date is September 3, 2026) and be completed by 0600 local time on September 4, 2026.
- v. Subphase 3-E: 1 night. Work must begin on the night of September 2, 2026, and be completed by 0600 local time on September 3, 2026.
- vi. Subphase 3-F: 4 Nights. Work must begin on the night of September 4, 2026, and be completed by 0600 local time on September 12, 2026.
- vii. Subphase 3-G: 8 Nights. Work must begin on the night of September 12, 2026, and be completed by 0600 local time on September 16, 2026.

C. Miscellaneous Requirements

- Contractor shall communicate and coordinate with the Owner as soon as possible regarding circumstances that may affect the work being completed on the dates listed above. Contractor shall contact the Owner immediately upon becoming aware of such circumstances.
- Work shall commence beginning with Phase 1 as directed by the Notice To Proceed (NTP) and shall continue until Substantial Completion is achieved.
- Each phase shall be completed in sequential order. Work on the next phase shall not begin until the prior phase is completed.
- Subphases shall be completed in the order as set forth by the Special Conditions within the Phasing Layout Plan Sheets (Sheets PH102 – PH109).
- Each subphase shall be completed within consecutive calendar days.
- Subphases 1-D, 2-D, and 3-D are associated to the Charting Dates for the Runway Redesignations and the runway shall not be opened until all required work is completed.

D. Nightly Runway/Taxiway Closure liquidated damages are as follows and shall be applicable to every work day:

- \$150 per minute for first 15 minutes the runway and/or taxiway remains closed beyond the scheduled reopening.
- \$250 per minute for each minute thereafter that the runway and/or taxiway remains closed beyond the scheduled reopening.

E. SIDA fence breaches or damage to the SIDA fence:

- \$25,000 per occurrence will be assessed against the Contractor for lack of security oversight (inspector) during SIDA breaches.
- \$2,000 per occurrence will be assessed against the Contractor for damage to the SIDA fence. Work on the new fence must stop immediately and the existing fence must be repaired and returned to service before work can begin again on the new fence.

7.0 AWARD. The award of this Contract is subject to the condition precedent that the Contractor provides the Owner with a performance bond, payment bond and certificates of insurance as required by the Contract Documents.

8.0 CBI PARTICIPATION GOAL. Contractor has committed to achieve CBI participation in the following

percentages of the total Contract Price:

Minority Business Enterprise ("MBE") Goal	3.00%
Small/Woman Business Enterprise ("MWBE") Goal	10.00%

For purposes of CBI reporting requirements, Contractor will submit documentation requested by the City or required to comply with the City's CBI Program into the InclusionCLT system, or subsequent software platform provided by the City, or in such other manner as may be prescribed, and further require its Subcontractors provide such documentation and information through the same system.

[SIGNATURE BLOCK APPEARS ON FOLLOWING PAGE]

IN WITNESS WHEREOF, and in acknowledgment that the parties hereto have read and understood each and every provision hereof, the parties have caused this Contract to be executed as of the Effective Date.

CONTRACTOR: _____

Address: _____

Federal Tax ID: _____

By: _____

Printed Name: _____

Title: _____

Date: _____

CITY OF CHARLOTTE

By: _____

Printed Name: _____

Title: _____

Date: _____

This instrument has been pre-audited in the manner required by the Local Government Budget and Fiscal Control Act.

CONTRACTOR SURETY COMPANY CONTACTS (IF APPLICABLE):

Performance Bond No.

Surety Name:

Point of Contact:

Address:

Phone No.

Labor/Material Bond No.

Surety Name:

Point of Contact:

Address:

Phone No.

Guaranty Bond No.

Surety Name:

Point of Contact:

Address:

Phone No.

PLEASE ATTACH THE FOLLOWING TO THIS SHEET:

1. BONDS
2. A CERTIFIED COPY OF POWER OF ATTORNEY
3. CERTIFICATE OF INSURANCE
4. EXECUTED COPIES OF CBI FORM #4 – LETTERS OF INTENT

B. GENERAL CONDITIONS

1. NCDOT STANDARD SPECIFICATIONS

The current version of the North Carolina Department of Transportation ("NCDOT") Standard Specifications for Roads and Structures ("NCDOT Standard Specifications") shall apply to all portions of this Project and are incorporated into the Contract Documents except as modified herein. Specifications or requirements prescribed in the Contract Documents shall supersede the NCDOT Standard Specifications.

Modifications to the NCDOT Standard Specifications are as follows:

Section #	Modification
101-3	"Chief Engineer" shall mean the "Aviation Director." "Engineer" or "Resident Engineer" shall mean the City's duly authorized "Engineer" charged with overseeing the construction of the Project. "Department", "Department of Transportation", "Division of Highways", "Raleigh Central Office" or "State" shall mean "City of Charlotte." For the purpose of this Contract, all references to "Supplemental Agreement(s)" shall be deemed to refer to "Change Order(s) as defined in the Instructions to Bidders.
102-1 through 102-6	Deleted in their entirety.
102-7	In the second paragraph, delete the third sentence "Contact the Geotechnical Engineering Unit to set up an appointment in the appropriate Regional office." and replace with "Consult the City's website, if available."
102-8	Deleted in its entirety.
102-10	Deleted in its entirety.
102-11	Deleted in its entirety.
102-12	Delete lines 10-16 on pg. 1-19 in their entirety.
102-13	Delete lines 19, 24-25 on pg. 1-19 in their entirety.
102-15 (J)	Delete this sentence in its entirety and replace with the following: <i>"Failure to satisfy Charlotte's Business Inclusion Program or failure to satisfy NCDOT's Disadvantaged Business Enterprise requirements, whichever program is applicable as required in the project Bidding Documents."</i>
103-2	Delete lines 42-46 on pg. 1-22 and lines 1-9 on pg. 1-23 in their entirety.
103-3(A)	Delete lines 33-46 on pg. 1-23 and lines 1-28 on pg. 1-24 in their entirety and replace with "Criteria and process for Withdrawal of Bids shall be as provided for in NCGS § 143-129.1."
103-4(B)	Deleted in its entirety.
104-3	Replace reference to "Subarticle 104-8(A)" and "Subarticle 104-8(B)" with "Contract" and delete lines 14-16 on pg. 1-27 in their entirety.
104-8	Deleted in its entirety.
107-2	Deleted in its entirety.
107-14 through 107-15	Deleted in their entirety.
107-24	Replace reference to "NCGS § 136-29" on line 26 on pg. 1-62 with "the dispute resolution provisions set forth in the Contract."
108-2	Deleted in its entirety.
108-6	Deleted in its entirety.

108-10(B)(3)	Replace "to the Engineer on the Contractor Claim Submittal Form, available through the Construction Unit on the Department's website," on lines 30-31 on pg. 1-71 with <i>"in compliance with the procedures set forth in General Conditions Section 17 – Claims for Adjustments and Disputes."</i>
108-10(B)(4)	Replace "on the Contractor Claim Submittal Form, available through the Construction Unit on the Department's website" on lines 25-26 on pg. 1-72 with <i>"in accordance with the procedures set forth in General Conditions Section 17 – Claims for Adjustments and Disputes."</i>
108-10(B)(5)	Deleted in its entirety.
108-13	Deleted in its entirety.
109-4	Deleted in its entirety.
109-8	Deleted in its entirety.
109-11	Deleted in its entirety.

2. COOPERATION OF CONTRACTOR

The Contractor shall obtain from Owner's plan room provider at its expense at least one copy each of the Plans and Specifications released for construction. He shall have available on the work at all times one copy each of the Plans and Specifications. Additional copies of Plans and Specifications may be obtained by the Contractor for the cost of reproduction.

The Contractor shall give constant attention to the Work to facilitate the progress thereof, and he shall cooperate with the Engineer and his/her inspectors and with other contractors in every way possible. The Contractor shall have a competent superintendent on the Work at all times who is fully authorized as his/her agent on the Work. The superintendent shall be capable of reading and thoroughly understanding the Plans and Specifications and shall receive and fulfill instructions from the Engineer or his/her authorized representative.

The Contractor shall comply with all applicable federal, state, or local laws or governmental regulations.

3. REMOVAL OF EXISTING STRUCTURES

All existing structures encountered within the established lines, grades, or grading sections shall be removed by the Contractor, unless such existing structures are otherwise specified to be relocated, adjusted up or down, salvaged, abandoned in place, reused in the Work or to remain in place. The cost of removing such existing structures shall not be measured or paid for directly, but shall be included in the various Contract Items.

Should the Contractor encounter an existing structure (above or below ground) in the Work for which the disposition is not indicated on the plans, the Owner shall be notified prior to disturbing such structure. The disposition of existing structures so encountered shall be immediately determined by the Owner in accordance with the provisions of the contract.

Except as set forth in the NCDOT Standard Specifications, it is intended that all existing materials or structures that may be encountered (within the lines, grades, or grading sections established for completion of the work) shall be utilized in the Work as otherwise provided for in the Contract and shall remain the property of the Owner when so utilized in the Work.

4. RIGHTS IN USE OF MATERIALS FOUND IN THE WORK

Should the Contractor encounter any material such as (but not restricted to) sand, stone, gravel, slag, or concrete slabs within the established lines, grades, or grading sections, the use of which is intended by the terms of the Contract to be either embankment or waste, he may at his/her option either:

- A. Use such material in another Contract Item, providing such use is approved by the Owner and is in conformance with the Specifications applicable to such use; or
- B. Remove such material from the site, upon written approval of the Owner; or
- C. Use such material for his/her own temporary construction on site; or
- D. Use such material as intended by the terms of the Contract.

Should the Contractor wish to exercise Option A, B, or C, he shall request the Owner's approval in advance of such use.

Should the Owner approve the Contractor's request to exercise Option A, B, or C, the Contractor shall be paid for the excavation or removal of such material at the applicable Contract Item price. The Contractor shall replace, at his/her own expense, such removed or excavated material with an agreed equal volume of material that is acceptable for use in constructing embankment, backfills, or otherwise to the extent that such replacement material is needed to complete the Work. The Contractor shall not be charged for his/her use of such material so used in the Work or removed from the site.

It is understood and agreed that the Contractor shall make no claim for delays by reason of his/her exercise of Option A, B, or C.

The Contractor shall not excavate, remove, or otherwise disturb any material, structure, or part of a structure which is located outside the lines, grades, or grading sections established for the Work, except where such excavation or removal is provided for in the Contract Documents.

5. CONTRACTOR USE OF PREMISES

- A. Use of the Site: The Contractor shall confine his operations at the site to the areas permitted under the Contract. Portions of the site beyond areas on which work is indicated are not to be disturbed. The Contractor shall conform to site rules and regulations affecting the work while engaged in project construction.
- B. Open Passage: The Contractor shall keep existing drives, entrances, and air operations areas designated to remain open, clear and available to the Owner, his employees and the public at all times. The Contractor shall not use these areas for parking or storage of materials.
- C. Storage: The Contractor shall not unreasonably encumber the site with materials or equipment. The Contractor shall confine stockpiling of materials and location of storage sheds to the areas indicated. If additional storage is necessary, the Contractor shall obtain Owner's approval.
- D. Vehicle/Equipment Security: The Contractor shall lock automotive type vehicles, such as passenger cars and trucks, and other mechanized or motorized construction equipment, when parked and unattended, so as to prevent unauthorized use. The Contractor shall not leave such vehicles or equipment unattended with the motor running or the ignition key in place.

6. WORK RESTRICTIONS

- A. Turf Restoration: All non-paved areas that are disturbed by the Contractor's work, including without limitation, staging area(s), haul roads, etc. shall be reseeded and restored to original condition by the Contractor. Except where otherwise specified, there will be no separate Contract Item for this work; it will be considered incidental to and included in the price bid.
- B. Security: Contractor shall provide security within his construction area and shall keep all unauthorized personnel out.

- C. Access Points: All construction traffic shall enter and exit the Project area only through the Project access point(s) identified by the Contractor and approved by the Owner. Contractor will be responsible for security of entrance gates under their use.
- D. Access and Haul Route: The Contractor shall be responsible for establishing haul routes suitable for supporting all necessary transportation and construction equipment for the duration of the Project. Any existing roads or other areas that are used as part of the haul route shall be restored to their original condition after completion of the Project. The Contractor will be responsible for all clean up operations of debris that may be on the haul route and for watering and/or other dust preventive measures to preclude fugitive dust from affecting buildings, occupants, or airfield operations.
- E. Contacts During Non-Working Hours: For the duration of the project, the Contractor shall designate a list of authorized individuals in a prioritized order, to be on 24 hour call, and these individuals shall be equipped with a cellular phone. These individuals shall be able to respond to any situation arising out of the performance of the work on this Project, particularly during nighttime hours, and shall respond and be on the Project site within one hour after the phone call.

7. AUTOMATICALLY CONTROLLED EQUIPMENT

Whenever batching or mixing plant equipment is required to be operated automatically under the Contract and a breakdown or malfunction of the automatic controls occurs, the equipment may be operated manually or by other methods for a period 48 hours following the breakdown or malfunction, provided this method of operations will produce results which conform to all other requirements of the contract.

8. REMOVAL OF UNACCEPTABLE AND UNAUTHORIZED WORK

All Work which does not conform to the requirements of the Contract Documents will be considered unacceptable, unless otherwise determined acceptable by the Owner.

Unacceptable Work, whether the result of poor workmanship, use of defective materials, damage through carelessness, or any other cause found to exist prior to the final acceptance of the Work, shall be removed immediately and replaced in an acceptable manner at the Contractor's expense.

Work done contrary to the instructions of the Engineer, work done beyond the lines shown on the plans or as given, except as herein specified, or any extra work done without authority, will be considered as unauthorized and will not be paid for under the provisions of the Contract. Work so done may be ordered removed or replaced at the Contractor's expense.

Upon failure on the part of the Contractor to comply forthwith with any order of the Engineer made under the provisions of this subsection, the Engineer will have authority to cause unacceptable work to be remedied or removed and replaced and unauthorized work to be removed and to deduct the costs (incurred by the Owner) from any monies due or to become due the Contractor.

9. MAINTENANCE DURING CONSTRUCTION

The Contractor shall maintain the Work during construction and until the Work is accepted. This maintenance shall constitute continuous and effective work prosecuted day-by-day, with adequate equipment and forces so that the Work is maintained in satisfactory condition at all times.

In the case of a contract for the placing of a course upon a course or subgrade previously constructed, the Contractor shall maintain the previous course or subgrade during all construction operations.

All costs of maintenance work during construction and before the project is accepted shall be included in the unit prices bid on the various Contract Items, and the Contractor will not be paid an additional amount for such work.

10. RETEST OF WORK

When as provided for in the contract documents, the Owner performs sampling and tests of the Work and if the tests show a failure to meet the requirements of the Contract Documents, the expense of retesting, after reworking or substitution by the Contractor will be at the expense of the Contractor and such costs will be deducted from the payments otherwise due to the Contractor.

11. CORRECTION OF WORK AFTER FINAL PAYMENT

Neither the final certificate nor payment nor any provision in the Contract Documents shall relieve the Contractor of responsibility for faulty materials or workmanship and, unless otherwise specified, Contractor shall remedy any defect due thereto and pay for any damage to other Work resulting therefrom, which shall appear within a period of one year from Date of Final Acceptance. Wherever the word "acceptance" occurs, it shall be understood to mean final acceptance.

The Owner shall give notice of observed defects with reasonable promptness. If the Contractor fails to remedy any failure, defect, or damage within a reasonable time after the receipt of notice, the Owner shall have the right to replace, repair, or otherwise remedy the failure, defect, or damage at the Contractor's expense. With respect to all warranties, expressed or implied, from subcontractors, manufacturer, or suppliers for Work performed and materials furnished under this Contract, the Contractor shall:

- A. Obtain all warranties that would be given in normal commercial practice.
- B. Require all warranties to be executed, in writing, for the benefit of the Owner.

12. USE OF EXPLOSIVES

When the use of explosive is necessary for the prosecution of the Work, the Contractor shall exercise the utmost care not to endanger life or property, including new Work. The Contractor shall be responsible for all damages resulting from the use of explosives. Blasting shall be performed in accordance with Section 220 of the NCDOT Standard Specifications. Section 220 notwithstanding, the use of electrical blasting caps shall not be permitted on or within 1,000 feet of Airport property.

13. COMPENSATION FOR ALTERED QUANTITIES

When the accepted quantities of Work vary from the quantities in the Bid, the Contractor shall accept as payment in full, so far as Contract Items are concerned, payment at the original Contract unit price for the quantities of Work actually completed and accepted. No allowance, except as provided for in Sections 104-3 and 140-5 of the NCDOT Standard Specifications will be made for any increased expense, loss of expected reimbursement, or loss of anticipated profits suffered or claimed by the Contractor which results directly from such alterations or indirectly from its unbalanced allocation of overhead and profit among the Contract Items, or from any other cause.

14. SURVEYS AND RECORDS/REPORTS

- A. Construction Staking: Construction staking shall be performed in accordance with Sections 105-9 and 801 of the NCDOT Standard Specifications. The Engineer has established survey base lines for the Contractor. The Contractor shall take all necessary precautions to prevent the loss or damage of primary control points. The Contractor will be responsible for staking required for construction. Working from lines and levels established by the design survey, establish and maintain bench marks and other dependable markers required for construction. Establish bench marks and markers to set lines and levels for work at each stage of construction and elsewhere as needed

to properly locate each element of the Project. Calculate and measure required dimensions as shown within recognized tolerances. Plans shall not be scaled to determine dimensions. Advise entities performing work of marked lines and levels provided for their use.

- B. Survey Procedures: Before proceeding with the layout of actual work, verify the layout information shown on the plans, in relation to the property survey and existing bench marks. As work proceeds, check every major element for line, level and plumb. Maintain a surveyor's log or record book of such checks; make this log or record book available for the Engineer's reference. Record deviations from required lines and levels, and advise the Engineer promptly upon detection of deviations that exceed indicated or recognized tolerances. Record deviations which are accepted, and not corrected, on record plans. Survey work shall be performed by and under supervision of a professional (registered) land surveyor in the State of North Carolina.

- C. Quality of Work: The elevations of permanent and temporary bench marks shall be determined and recorded to the nearest 0.01 foot. Differential leveling and transit traverses shall be of such precision that the error of vertical closure in feet shall not exceed plus or minus 0.1 foot in 5000 feet. The angular error of closure for transit traverses shall not exceed 1.0 minute times the square root of the number of angles turned.

Slope stakes shall be placed, as a minimum, at 100 foot stations, breaks in the original ground surface, and at any other intermediate stations necessary to insure accurate location for construction layout and measurement. Slope stakes and cross sections shall be perpendicular to the centerline. Significant breaks in grade shall be determined for cross sections. Distances shall be measured horizontally and recorded to the nearest 0.1 foot. Side shots for interim construction stakes may be taken with a hand level.

- D. Records: All survey data shall be recorded in fully identified, standard hard-bound engineering survey field notebooks with consecutively numbered pages. All field notes and printed data shall include the purpose or description of the work, the date the work was performed, weather data, sketches and the personnel who performed and checked the work. Electronically generated survey data and computations shall be bound, page numbered and cross referenced in a bound field notebook containing the index for all survey data.

The construction survey records shall be available at all times during the progress of the Work for examination and use by the Engineer and copies shall be made available to the Engineer upon request. The original field notebooks and other records shall be turned over to and become the property of the Owner prior to final acceptance of the Work.

- E. Engineer Services: Engineer will furnish available benchmark and coordinate information at no cost to Contractor.

15. LIMITATIONS ON USE OF JOB SITE

- A. General: Limitations on site usage as well as specific requirements that impact site utilization are indicated on the plans and by other Contract Documents. The Contractor shall schedule deliveries so as to minimize space and time requirements for storage of materials and equipment on site.
- B. Waste Disposal: Waste materials (including, but not limited to, trash, poles, wires, walls, buildings, etc.) shall be disposed of at the waste area as shown on the plans, or Contractor may elect to dispose of offsite.

16. QUALITY CONTROL SERVICES

- A. Description of Requirements.

- i. General: Required inspection and testing services are intended to assist in the determination of probable compliance of the Work with requirements specified or indicated. These required services do not relieve the Contractor of responsibility for compliance with these requirements or for compliance with requirements of the Contract Documents.

- ii. Specified Inspection and Tests: Inspection, tests and related actions specified in this section and elsewhere in the Contract Documents are not intended to limit the Contractor's own quality control procedures which facilitate overall compliance with requirements of the Contract Documents.
- iii. Contractor Quality Control: Requirements for the Contractor to provide quality control services as required by the Engineer, the Owner, governing authorities or other authorized entities are not limited by the provisions of this section.
- iv. Contractor's Quality Control Personnel and Laboratory: Contractor shall conform to the requirements of Section 609 of the NCDOT Standard Specifications and all technical specifications and requirements set forth in the Contract Documents.

B. Responsibility.

- i. Contractor Responsibilities: Contractor is responsible for his own quality control testing and inspection to insure the quality of his means and methods of construction will produce the specified quality of Work, and for any tests and inspections required by regulatory agencies. Costs for these services shall be included in the Bid. The Contractor may employ and pay an independent agency, testing laboratory or other qualified firm to perform quality control services specified, or these services may be performed by qualified contractor personnel.

The Contractor shall submit for Engineer's approval a quality control (QC) Plan delineating his methods for each item requiring inspections, tests, and similar services within fourteen (14) working days before of the Notice to Proceed date.

- ii. Quality Assurance: The Owner will engage and pay for the services of an independent agency to perform inspections and tests of materials for quality assurance. The Owner's quality assurance testing shall in no way relieve the Contractor of the responsibility for providing the quality materials, workmanship and testing required to comply with the Specifications and requirements set forth in the Contract Documents.
- iii. Retest Responsibility: Where results of required inspections, tests, or similar services prove unsatisfactory and do not indicate compliance with the requirements of the Contract Documents, then retests are the responsibility of the Contractor, and shall be deducted from monies due the Contractor on the applicable pay request. Retesting of work revised or replaced by the Contractor is the Contractor's responsibility, where required tests were performed on original work.
- iv. Responsibility for Associated Services: The Contractor is required to cooperate with the independent agencies performing required inspections, tests, and similar services. The Contractor shall provide such auxiliary services as are reasonably requested and notify the testing agency sufficiently in advance of operations to permit assignment of personnel. These auxiliary services include but are not necessarily limited to the following:
 - 1. Providing access to the Work.
 - 2. Taking samples or providing assistance with taking samples.
 - 3. Delivery of samples to test laboratories.
 - 4. Security and protection of samples and test equipment at the project site.
 - 5. Surveying services required to establish horizontal and vertical location of tests by Engineer's quality assurance testing laboratory.

- C. Schedule of Services. Each Specification section identifies principal inspections, tests and similar services required by the Contractor Documents.

- D. Repair and Protection. Upon completion of inspection, testing, sample-taking, and similar services performed on the work, the Contractor shall repair damaged work and test sites to eliminate deficiencies. The Contractor shall protect work exposed by or for quality control service activities, and protect repaired work. Repair and protection is the Contractor's responsibility, regardless of the assignment of responsibility for inspection, testing or similar services.

17. CLAIMS FOR ADJUSTMENTS AND DISPUTES

- A. All Claims for compensation for additional work and/or time extensions presented by Contractor shall be in writing and accompanied by the following information and/or documentation:
- i. The basis of the claim including, without limitation, the specific requirements, clauses or provisions of the Contract which are pertinent to the Claim;
 - ii. A full description of the Claim, with a narrative to support the Contractor's position that Claim exceeds or falls outside of the Contract;
 - iii. A detailed description of all costs associated with the Claim;
 - iv. A detailed description of all requested time extensions associated with the Claim including, if possible, a revised Project Schedule incorporating the requested time extension; and
 - v. Supporting documentation to substantiate the Claim, including schedules, graphs, charts, photographs and any other pertinent documentation or information.
- B. All Claims shall be verified and submitted within a reasonable time not to exceed thirty (30) days after the occurrence of the event giving rise to such Claim or the date the Contractor first recognizes the condition giving rise to the Claim, whichever is later. To the extent additional damages are being incurred for the same condition after it first incurred, every thirty (30) days, Contractor shall submit supplemental verified statements of the details and the amounts of such damages, together with documentary evidence of such damages. Failure by Contractor to present the Claim within the specified time period and in the manner described in Paragraph A above shall constitute a waiver of the Claim by Contractor.
- C. During its review of the Claim, the Owner may request such further information, documentation, and details as may be reasonably required to determine the facts, contentions, and validity of the Claim. It will be the responsibility of the Contractor to furnish, when requested by the Owner, the additional information. Failure to submit such requested information will be sufficient cause for denying the Claim and will constitute a waiver of any relief to which the Contractor might otherwise be entitled. The verified written Claim required by this Section is in addition to any other notice as may be required by other provisions of this Contract.
- D. From the time the Owner receives each Claim in writing, accompanied by complete supporting documentation as required by this Section, the Owner shall have a reasonable time, in no case more than thirty (30) days, to investigate, review, and evaluate such Claim. The reasonable time for the Owner review shall be tolled by any good faith request for further information from the Contractor. When the Owner has completed its investigation, review, and evaluation, it will notify the Contractor in writing of whether the Claim was found to have merit and of any relief to which it has found the Contractor to be entitled. A failure by the Owner to respond within the thirty (30) day response period shall be deemed a denial of the Claim.
- E. Submittal of Claims within the time and in the form stipulated herein shall be a condition precedent to the Contractor's right to any compensation, time extension or other relief based thereon, and the Contractor's failure to submit any Claim as so stipulated shall waive any relief that might otherwise be due with respect to such Claim.
- F. The Contractor promises and agrees that the Contractor will not institute any action at law, suit in equity, or other legal proceeding against the Owner, arising in any manner whatsoever out of or in connection with the Contract or the performance or breach, or alleged breach, hereof, or the warranty hereunder, unless and until the Contractor has first submitted a Claim in the manner described herein, requested and received the Owner's

final determination with respect to the subject matter of such Claim, and the Claim has been submitted to mediation as set forth in Section 18 below. Damages that the Contractor may claim in any action, suit, dispute resolution procedure or other legal proceeding arising under or by reason of this Contract shall not be different from or in excess of the statements and documentation prepared and submitted pursuant to this Section. Failure to commence any action, suit, or other proceeding within the limitations period provided under applicable North Carolina Law will constitute a waiver of any and all damages or other relief that may be due in respect thereof.

- G Neither the submittal of a Claim hereunder nor the fact that any such Claim or Claims is or are pending shall excuse the Contractor from the full and timely performance of all obligations under the Contract. The Contractor shall continue such performance, unless otherwise instructed by the Owner, notwithstanding any dispute that may arise concerning the compensation due the Contractor or either party's performance of or failure to perform any obligation under the Contractor. The Contractor waives any right to cancel the Contract or to suspend or discontinue work that may arise out of any breach, alleged breach, or other act, conduct, or omission by the Owner.
- H Owner and Contractor shall each pay their own costs for preparation of and presentation of all Claims.

18. MEDIATION

- A The Owner and any party contracting with the Owner or with any first-tier or lower-tier subcontractor for the construction of the Project agree to participate in good faith in any mediation of a dispute subject to the terms and conditions of this Section and NCGS 143-128(f1) including without limitation the following parties (if applicable): architect(s), engineer(s), surveyor(s), construction manager, construction manager at risk, prime contractor(s), surety(ies), subcontractor(s), and supplier(s).
- B Full compliance with this section is a precondition for any party to initiate any form of litigation concerning the claim and/or dispute. Unless otherwise directed by the Owner, the Contractor shall continue performance under this Contract while matters in dispute are being resolved. The process set forth by this section may be foregone upon the mutual written agreement of all parties in interest to the claim and/or dispute.
- C The Contractor shall include this section in every subcontract or any other agreement it enters into with any party related to or that will be involved in this Project. Failure to do so will constitute a breach of this Contract, and the Contractor shall indemnify and hold harmless the Owner from and against any and all claims, including without limitation reasonable attorney fees and other costs of litigation, arising in any manner from such breach.
- D The following disputes are not subject to the provisions of this Article:
 - i. A dispute seeking a non-monetary recovery; and
 - ii. A dispute seeking a monetary recovery of \$15,000 or less.
- E A dispute seeking the extension of any time limit set forth in this Contract shall be subject to mediation pursuant to this section only if the damages which would be suffered by the party seeking the extension would exceed \$15,000 if the disputed extension is denied. To the extent that liquidated damages are set forth in such agreement as the measurement of damages for failure by such party to meet such time limit, such liquidated damages shall be the exclusive standard for determining the amount of damages associated with such dispute.
- F For purposes of this section, a dispute is limited to the recovery of monetary damages from the same transaction or occurrence against a single party or two or more parties alleged to be liable jointly, severally or in the alternative. Two or more disputes may not be consolidated or otherwise combined without the consent of all parties to such disputes.

- G. Prior to requesting mediation, a party must form a good faith belief that it is entitled under applicable law to recover the monetary amount to be included in the request from one or more of the remaining parties. Such belief must be based on a reasonable and prudent investigation into the dispute that is the subject of the request. The request for mediation must be based on such investigation and may not include any amount or the name of any remaining party, unless supported by such investigation and good faith belief by the party requesting the mediation. If a party breaches any provision of this section, it shall indemnify and hold harmless all other parties from any costs, including reasonable attorney fees and other costs of litigation, and damages incurred by such other parties that arise from such breach.
- H. All expenses incurred by a party to a dispute in preparing and presenting any claim or defense at the mediation shall be paid by the party. The parties shall share the mediator's fee and any filing fees equally with at least one-third of such fees to be paid by Owner, if Owner is party to the dispute. Agreements reached in mediation shall be enforceable as settlement agreements in any court have jurisdiction thereof.
- I. The mediation shall be held in the Charlotte, Mecklenburg County, North Carolina, unless otherwise agreed by all parties in writing. The provisions of this Section are subject to any other provision of this Contract concerning the submission, documentation and/or proof of any claim or dispute. Such other provisions shall apply in full force and shall be satisfied as a condition precedent to mediation pursuant to this Section. The parties understand and agree that mediation in accordance with this Section shall be a condition precedent to institution of any legal or equitable proceeding seeking monetary recovery based on any dispute that is subject to mediation pursuant to this Section.

19. NO DAMAGES FOR DELAY

In all cases where the Contractor is delayed, obstructed, or hindered in the execution of the Work, or any part thereof, except to the extent the delay, obstruction or hindrance is caused solely by Owner, the Contractor shall not be entitled to claim or recover any damages or additional payment from the Owner. However, it is the intent of this Contract that in all cases where the Contractor is substantially delayed, obstructed, or hindered in the execution of the Work through no fault of the Contractor and/or because of conditions beyond the Contractor's control, the Contractor may request a time extension in accordance with the procedures set forth in Section 17 above. Any time extensions granted under this Section shall be the exclusive remedy of the Contractor for delay, hindrance or obstruction occurring through no fault of the Contractor and/or because of conditions beyond the Contractor's control.

20. SUBLETTING AND ASSIGNMENT

The Owner will not recognize any subcontractor on the Work. The Contractor shall at all times when work is in progress be represented either in person or by a qualified superintendent or other representative who is duly authorized to receive and execute orders of the Engineer.

Should the Contractor elect to assign his/her contract, said assignment shall be concurred in by the surety, shall be presented for the consideration and approval of the Owner, and shall be consummated only on the written approval of the Owner. In case of approval, the Contractor shall file copies of all subcontracts and/or assignments with the Owner.

21. PROSECUTION AND PROGRESS

Within ten (10) days after notice of award, the Contractor shall prepare and submit for the Owner's review a proposed baseline schedule that is a fixed project timeline used for tracking progress for the entire duration of the project (the "Baseline Schedule"). The Baseline Schedule shall include critical path activities, contract milestones, and budgetary compliance as described below. After submittal, the City Project Manager shall schedule a meeting with the Contractor to review the proposed Baseline Schedule and identify any changes or corrections. The Contractor shall make any necessary adjustments to address all review comments and resubmit the Baseline Schedule for the City Project Manager's approval. Acceptance of the Baseline Schedule by the Owner does not revise the Contract Documents.

The Baseline Schedule shall contain the following deliverables:

- A. A Gantt Chart, developed using Microsoft Project or Primavera P6, provided as a .pdf and the corresponding native .mpp or .xer file, with major work activities and milestone dates clearly labeled. The Gantt Chart should also include the data date, bar activity names, filters, and the legend for the status bars.
 - i. For purposes of composing the Baseline Schedule, major work activities are defined as components comprising more than 5% of the total project cost or occupying more than 10% of total contract time and shall include, but are not limited to, the following as applicable:
 - a. Clearing and grubbing
 - b. Grading
 - c. Drainage
 - d. Soil stabilization
 - e. Aggregate base course
 - f. Pavement
 - g. Culverts
 - h. Bridges (including removal)
 - i. Signals, ITS and lighting
 - j. Overhead signs
 - ii. For purposes of composing the Baseline Schedule, major milestones are derived from the project construction phasing and shall include, but are not limited to, the following:
 - a. Notice to Proceed (NTP)
 - b. Start of construction, if different from the NTP date
 - c. Intermediate completion dates or times
 - d. Submittal and review activities
 - e. Procurement activities
 - f. Seasonal limitation/observation periods/moratoriums
 - g. Traffic shifts
 - h. Beginning and end of each traffic control phase or work area
 - i. Road openings
 - j. Substantial Completion date
 - k. Punchlist and closeout
 - l. Contract Completion date
- B. A cash curve corresponding to the milestones and work activities established in the Baseline Schedule.
- C. A written narrative that explains the sequence of work, the controlling operations, intermediate completion dates, milestones, project phasing, anticipated work schedule and estimated resources. In addition, explain how permit requirements, submittal tracking and coordination with subcontractors, utility companies and other entities will be performed.

Submission of an incomplete or impractical Baseline Schedule by the Contractor may delay Owner's issuance of Notice to Proceed. All subsequent monthly schedule updates will be measured against the accepted Baseline Schedule. No payments will be processed for the Project prior to approval and acceptance of a Baseline Schedule. The accepted Baseline Schedule should not be changed throughout the life of the project without Owner's prior written approval.

Until Substantial Completion is achieved, the Contractor shall update and submit the following deliverables no later than the 5th of each month:

- A. A Gantt chart with the current status bars with the Baseline Schedule assigned to show the variances from the Baseline Schedule, submitted as both a .pdf and native .mpp or .xer file. Progress will be measured through the last day of the previous month. The reporting data date will be the first day of the current month.

- B. A cash curve showing the planned cashflow from the Baseline Schedule compared to the actuals from the Contractor's payment applications.
- C. A written narrative that explains any changes to the previous month's schedule critical path, activity relationships or activity durations.

22. TERMINATION

- A. The Contractor shall be considered in default and such default will be considered as cause for the Owner to terminate the Contract for any of the following reasons if the Contractor:
 - i. Fails to begin the Work under the Contract within ten (10) calendar days of the date of commencement specified in the written Notice to Proceed, or
 - ii. Fails to perform the Work or fails to provide sufficient workers, equipment or materials to assure completion of the Work in accordance with the terms of the contract, or
 - iii. Performs the Work unsuitably or neglects or refuses to remove materials or to perform anew such Work as may be rejected as unacceptable and unsuitable, or
 - iv. Discontinues the prosecution of the Work, or
 - v. Fails to resume Work which has been suspended within a reasonable time after notice to do so, or
 - vi. Becomes insolvent or is declared bankrupt, or commits any act of bankruptcy or insolvency, or
 - vii. Allows any final judgment related to the Project to stand against him unsatisfied for a period of 10 days, or
 - viii. Makes an assignment for the benefit of creditors, or
 - ix. Fails to perform any covenant of this Contract.

Should the Owner consider the Contractor in default of the Contract for any reason hereinbefore, the Owner or Engineer shall immediately give written notice to the Contractor and the Contractor's surety as to the reasons for considering the Contractor in default and the Owner's intentions to terminate the contract.

If Contractor or Surety shall fail to cure such default within 10 calendar days after such written notice from the Owner or Engineer of the existence of such default or, if such default cannot with reasonable diligence be cured within a period of 10 calendar days, then upon the failure of the Contractor to commence to cure such default within said 10-day period and to proceed with due diligence to complete the remedying of said default; then the Owner will have full power and authority to terminate the Contract for cause and take control of the Work.

All costs and charges incurred by the Owner, together with the cost of completing the Work under contract, will be deducted from any monies due or which may become due the Contractor. If such expense exceeds the sum which would have been payable under the contract, then the Contractor and the surety shall be liable and shall pay to the Owner the amount of such excess.

- B. Termination for Convenience. At any time after the acceptance of this Contract, the Owner shall have the absolute right to terminate the entire Contract or any part thereof for any reason whatsoever upon written notice to Contractor.
- C. Termination for National Emergencies. The Owner may terminate the Contract or portion thereof by written notice when the Contractor is prevented from proceeding with the Contract as a direct result of an Executive Order of the President with respect to the prosecution of war or in the interest of national defense.
- D. Actions Upon Termination for National Emergency or Convenience. Upon receipt of such notice of termination, the Contractor shall:

- i. Cease operations as directed by Owner in the written notice;
- ii. Take actions necessary and/or those actions directed by Owner to protect and preserve the Work; and
- iii. Except for the Work directed to be performed prior to the effective date of termination stated in the notice, terminate all existing subcontracts and purchase orders and enter into no further subcontracts or purchase orders in connection with the Work.

Upon termination the Owner will have no liability to the Contractor for any cause whatsoever arising out of or in connection with such termination, with the exception of those payments due under Section E below.

- E. Payment for Termination for National Emergency or Convenience. When the Contract, or any portion thereof, is terminated before completion of all Contract Items, the Contractor shall be entitled to receive payment for Work executed, costs incurred by reason of such termination and reasonable overhead and profit for the completed Work.

Termination of the Contract or a portion thereof shall neither relieve the Contractor of his/her responsibilities for the completed Work nor shall it relieve his/her surety of its obligation for and concerning any just claim arising out of the completed Work.

The Engineer and the Owner shall be given full access to all books, cost records, correspondence and papers of the Contractor relating to the Contract in order to determine amounts to be paid the Contractor due to any termination of the contract.

23. QUANTITY TICKETS

All quantity tickets for items not measurable in place shall be submitted in duplicate to the Owner within seventy-two (72) hours after receipt of the material on the job. Each ticket shall indicate the date, contractor, job location and name, type of material, quantity of material, truck number and signature of the Contractor or his authorized representative. No tickets will be accepted after seventy-two (72) hours have elapsed between the time of delivery and the submittal of tickets to the Project Inspector.

24. PAYMENT AFFIDAVITS

To determine whether disparities exist in Owner contracting based on race, gender or other factors, and also to measure the effectiveness of the Owner's Community Business Inclusion Program, the Owner tracks the utilization of first-tier subcontractors and suppliers on certain Owner contracts based on race, gender, small business status, and other factors. For analysis purposes, it is important that the Owner obtain this data not only for minority, female and small business suppliers and subcontractors, but also for other subcontractors and suppliers. As a condition to receiving payment under this Agreement, the Contractor agrees to provide to the Owner with each invoice for payment submitted under this Agreement, a written payment affidavit detailing the amounts paid by the Contractor to first tier subcontractors and suppliers in connection with this Agreement ("Payment Affidavits"). Payment Affidavits shall be in the format specified by the Owner from time to time, and shall include all payments made to first tier subcontractors and suppliers under this Agreement that are not included on a prior Payment Affidavit.

Failure to provide a properly completed version of each Payment Affidavit required by this Section shall constitute a default under this Agreement, and shall entitle the Owner to: (a) withhold payment of any amounts due the Contractor (whether under this Agreement or otherwise), or (b) exercise any other remedies legally available for breach of this Agreement; or (c) impose any other sanctions permitted under the Owner's Community Business Inclusion Program. In order to have a properly completed Payment Affidavit, each prime contractor and first tier subcontractor identified must be registered in the Owner's Vendor Registration System. The Owner may request on a case-by-case basis that the Contractor require certain suppliers to be registered in the Owner's Vendor Registration System, and may withhold payment of any amounts due the Contractor in the event the Contractor fails to comply with such request.

25. PAYMENTS

The Owner will make progress payments based on the Work progress estimates prepared by the Engineer and on the payment requests submitted by the Contractor on a monthly schedule established by the Owner. Progress payments will be made within forty-five (45) calendar days after receipt of a complete and accurate payment request. Progress payments will be approximate only and will be subject to correction in the final estimate and payment.

The Contractor shall submit the following required documents with each payment request:

1. Payment Affidavit (CBI Form 6 provided by the Owner); and
2. Sales/Use Tax Statement (provided by the Owner).
3. Updated Project Schedule detailing the entire Project and shall be in a format that meets the approval of the Owner.

Unless otherwise instructed by Owner, Contractor shall submit all pay requests/applications through e-Builder.

If any mechanic's or materialman's lien, or any notice or claim of such lien, is filed against the Project for any labor, materials, supplies, or equipment claimed to have been furnished to or incorporated into the Work, or for any other alleged contribution thereto, the Owner shall have the right to retain from payments otherwise due the Contractor, in addition to all other amounts properly withheld under this Article or under other provisions of the Contract, an amount equal to such lien or liens claimed. The Contractor warrants that: (i) all materials are free and clear of all liens, claims, security interests, or encumbrances; and (ii) no materials have been acquired by the Contractor, or by any other person performing Work at the site or furnishing materials for the Work under this Contract, that are subject to an agreement under which an interest in, or encumbrance on, the materials or equipment is retained by the seller or otherwise imposed.

In accordance with NCGS § 22C, the Contractor is required to pay subcontractors for satisfactory performance of their contracts within seven (7) calendar days after the Owner has paid the Contractor for such Work. Additionally, the Contractor shall pay the undisputed portions of subcontractors' invoices no later than ninety (90) calendar days of the date of subcontractor's invoice, independent of any payment by the Owner to the Contractor. If the Contractor withholds any retainage pending final completion of any subcontractor's Work, the Contractor is required to pay the retainage so withheld within seven (7) calendar days after such subcontractor completes his Work satisfactorily, regardless of any payment of retainage by the Owner to the Contractor. The Contractor's failure to pay subcontractors as provided herein shall be a material breach for which the Owner may cancel the Contract.

The Contractor shall have a copy of his current progress payment request on the Project job site available for review by subcontractors.

Ten percent (5%) of each progress payment will be retained by the Owner, subject to the terms of NCGS 143-134.1.

There shall be no interest penalties above 0% assessed against the Owner.

26. FINAL PAYMENT

Final Payment will be made in accordance with Sections 109-9, 109-10 and 109-11 of the NCDOT Standard Specifications.

The Contractor shall provide the following documents with the final pay request:

1. Contractor's Affidavit Release and Waive of Claim (form provided by the Owner).
2. Payment Affidavit (SBO Form 6 provided by the Owner).
3. State/County Sales/Use Tax Statement (form provided by the Owner).
4. Consent of Surety to Final Payment.

5. Complete set of As-Builts
6. Confirmation that all security badges have been returned

No final payment will be authorized until these documents have been properly completed and submitted by the Contractor.

27. GUARANTEE

The Contractor shall guarantee all materials and workmanship for a period of one (1) year from the date of acceptance by the Owner and shall replace any portions that fail because of faulty materials or workmanship at no additional cost to the Owner. A six (6) month and eleven (11) month inspection will be held during the warranty period. The Contractor shall immediately repair all defective items upon notification. Items repaired under the provisions shall have an extended warranty period of twelve (12) months from the date of repair of the item.

28. TAXES AND LICENSES

North Carolina sales and/or use taxes are applicable to purchases of building materials and other tangible personal property by contractors for use in performing county contracts. Use tax is also due on construction equipment brought into North Carolina for use in the performance of city contracts (North Carolina Revenue Laws, N.C.G.S. 105-164.4 and N.C.G.S. 105-164.6). Contractors are liable for payment of applicable franchise, corporate income, license and withholding taxes (North Carolina Revenue Laws, N.C.G.S. 105-122, 105-123, 105-134 and 105-163.2).

29. COMMERCIAL NON-DISCRIMINATION POLICY

Vendor agrees to comply with the Non-Discrimination Policy set forth in Chapter 2, Article V of the Charlotte City Code, which is available for review at <http://library.municode.com/index.aspx?clientId=19970> and incorporated herein by reference. Vendor consents to be bound by the award of any arbitration conducted thereunder.

30. COMPLIANCE WITH E-VERIFY

Unless otherwise exempt, as a condition for payment under this Contract, Contractor shall: (i) comply with the E-Verify requirements set forth in Article 2 of Chapter 64 of the North Carolina General Statutes (the "E-Verify Requirements"); and (ii) cause each subcontractor under this Contract to comply with such E-Verify Requirements as well. Contractor will indemnify and save harmless the Owner from all losses, damages, costs, expenses (including reasonable attorneys' fees), obligations, duties, fines, penalties, interest charges and other liabilities (including settlement amounts) incurred on account of any failure by Contractor or any subcontractor to comply with the E-Verify Requirements.

31. EXTENSION OF CONTRACT TIME DUE TO WEATHER DELAY

- A. EXTENSIONS OF CONTRACT TIME. An extension of time on the basis of weather may be granted only for the number of Weather Delay Days in excess of the number of days included in the B. STANDARD BASELINE FOR AVERAGE CLIMATIC RANGE as provided for in this section.
- B. STANDARD BASELINE FOR AVERAGE CLIMATIC RANGE:
 - i. The Owner has reviewed weather data available from the National Oceanic and Atmospheric Administration (NOAA) and determined a Standard Baseline of average climatic range for the Charlotte Douglas International Airport (CLT) – WSO.
 - ii. Standard Baseline shall be regarded as the normal and anticipatory number of calendar days for each month during which construction activity shall be expected to be prevented and suspended by cause of precipitation in excess of 0.25 inch liquid measure. Suspension of construction activity for the number of days each month as listed in the Standard Baseline is included in the Work and is not eligible for extension of Contract Time.

- iii. Standard Baseline (based upon precipitation in excess of 0.25 inch liquid measure) established for this contract is as follows:

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	5	6	5	5	5	5	5	4	4	4	5

- C. WEATHER DAYS. A Weather Day may be counted as follows:

- i. For the purposes of this provision, a Weather Day is defined as a twenty-four (24) hour period, between the hours of 12:00am and 11:59pm and identified in the Contractor's CPM Schedule as a Working Day, where precipitation equal to or in excess of 0.25-inch liquid measure, one (1) Weather Day is counted.
- D. The Contractor will compile monthly weather station data from the , which shall be used as the basis to substantiate Contractor's requests for Weather Days.
- E. Throughout the duration of the Contract, the Contractor and Owner shall reconcile impacts due to weather on a monthly basis. The Contractor shall submit monthly, with the pay application and schedule update, an itemized list of; days impacted by weather, scheduled activity that was impacted, the impact which caused the delay and any supporting documentation including daily data from the above link.

32. ADJUSTMENT TO CONTRACT AMOUNT FOR COSTS AND MARK UP FOR OVERHEAD AND PROFIT

All pricing submitted by the Contractor to perform an item of work not provided for in the awarded contract, which is referred to as "Extra Work," shall contain a complete itemized breakdown of costs for all work to be performed by the Contractor or subcontractors, including labor (direct and burden), equipment, materials, and markup for overhead and profit. The overhead and profit percentage may be negotiated based on the complexity of the work to be performed, the risk borne by the contractor, the contractor's investment, the amount of subcontracting, the quality of its record of past performance, and industry profit rates in the surrounding geographical area for similar work.

Mark Up for Overhead and Profit for Extra Work. Contractor or subcontractor of any tier who actually performs the work shall be entitled to a mark up in accordance with the following schedule of percentages:

1. Labor Burden. An additive payment shall not exceed 35.0% of the Contractor's wages paid for labor and foremen will be added to the total base wages paid to the Contractor. This payment will be full compensation for all costs including overhead, benefits, and all other costs associated with labor for the work. The labor burden rates will include costs associated with the employee's actual base wages benefits, including Federal Insurance Contributions Act (FICA), unemployment contributions, Social Security and Medicare taxes and company fringe benefits. Company fringe benefits are the actual costs paid to, or on behalf of, workers by reason of health and welfare benefits, pension fund benefits, or other benefits, when such amounts are required by prevailing wage laws generally applicable to the classes of labor employed on the work.
2. An additive payment shall not exceed 12.5% of the total additional direct cost for work performed by the Contractor's own forces will be paid to the Contractor for overhead and profit. This payment will be full compensation for all costs including but not limited to administrative costs of the Contractor in connection with the work, home office and field overhead, burdens and profit associated with the work.
3. An additive payment shall not exceed 7.5% of the total additional direct cost for work performed by a subcontractor's forces will be paid to the Contractor overhead and profit. This payment will be full compensation for all costs including but not limited to administrative costs of the Contractor in connection

with the work, home office and field overhead, burdens and profit associated with the subcontracted work. No additional additives will be allowed.

4. An additive payment shall not exceed 12.5% of the total additional direct cost for work performed by a subcontractor's own forces will be paid to the subcontractor for overhead and profit. This payment will be full compensation for all costs including but not limited to administrative costs of the subcontractor in connection with the work, home office and field overhead, burdens and profit associated with the work.
5. An additive payment shall not exceed 7.5% of the total additional direct cost for work performed by a subcontractor's forces will be paid to the subcontractor overhead and profit. This payment will be full compensation for all costs including but not limited to administrative costs of the subcontractor in connection with the work, home office and field overhead, burdens and profit associated with the subcontracted work. No additional additives will be allowed.
6. An Owner credit shall not be less than 10% of the total cost for deleted work that would have been performed by the Contractor's own forces will be credited to the Owner by the Contractor as the allowance for overhead and profit.
7. An Owner credit shall not be less than 5% of the total cost for deleted work that would have been performed by the subcontractor's own forces will be credited to the Owner by the Contractor as the allowance for overhead and profit.
8. An Owner credit shall not be less than 10% of the total cost for deleted work that would have been performed by the subcontractor's own forces or the subcontractor's subcontractor will be credited to the Owner by the subcontractor as the allowance for overhead and profit.

For property damage and liability insurance premiums and bond premiums on the work, the Contractor will receive the actual cost. The Contractor will furnish satisfactory evidence to the Owner of the rate or rates paid for such insurance and bond.

33. ALLOWANCES

Any allowance included as a line item on the itemized Bid or Proposal, including but not limited to contingency allowances, may only be used by the Contractor upon written instructions from the City. Any portion of any allowance remaining at the end of the Contract shall revert to the City. The City reserves the right to change any allowance amount prior to the award of the Contract.

34. MISCELLANEOUS CONDITIONS

- A. Governing Law and Jurisdiction. The parties acknowledge that this Contract is made and entered into in Charlotte, Mecklenburg County, North Carolina. The parties further acknowledge and agree that North Carolina law shall govern all rights, obligations, duties, and liabilities of the parties to this Contract, and that North Carolina law shall govern interpretation of this Contract and any other matters relating to this Contract (all without regard to North Carolina conflicts of laws principles).

The parties further agree that any and all legal actions or proceedings relating to this Contract shall be brought in a state or Federal court sitting in Mecklenburg County, North Carolina. By execution of this Contract, the parties submit to the jurisdiction of said courts and hereby irrevocably waive any and all objections that they may have with respect to venue in any of the above courts.

- B. Amendment. No amendment or change to this Contract shall be valid unless in writing and signed by both parties to this Contract.
- C. Binding Nature and Assignment. This Contract shall bind the parties and their successors and permitted assigns.
- D. Severability. The invalidity of one or more of the phrases, sentences, clauses or sections contained in this Contract shall not affect the validity of the remaining portion of the Contract so long as the material purposes of the Contract can be determined and effectuated. If any provision of this Contract is held to be unenforceable, then both parties shall be relieved of all obligations arising under such provision, but only to the extent that such provision is unenforceable, and this Contract shall be deemed amended by modifying such provision to the extent necessary to make it enforceable while preserving its intent.
- E. Approvals. All approvals or consents required under this Contract must be in writing.
- F. Waiver. No delay or omission by either party to exercise any right or power it has under this Contract shall impair or be construed as a waiver of such right or power. A waiver by either party of any covenant or breach of this Contract shall not constitute or operate as a waiver of any succeeding breach of that covenant or of any other covenant. No waiver of any provision of this Contract shall be effective unless in writing and signed by the party waiving the rights.
- G. Survival of Provisions. Those provisions of this Contract that by their nature would reasonably be expected to continue after the termination of this Contract shall survive the termination of this Contract.
- H. Entire Agreement. This Contract is the entire agreement between the parties with respect to its subject matter, and there are no other representations, understandings, or agreements between the parties relative to such subject matter. This Contract supersedes all prior agreements, negotiations, representations, and proposals, whether written or oral, except to the extent such prior agreements, negotiations, representations and proposals are incorporated by reference into this Contract.

B1. AC 150/5370 GENERAL CONDITIONS

SECTION 10 – DEFINITION OF TERMS

Whenever the following terms are used in these specifications, in the Contract, or in any documents or other instruments pertaining to construction where these specifications govern, the intent and meaning shall be interpreted as follows:

- 10-1 AASHTO.** The American Association of State Highway and Transportation Officials.
- 10-2 Access Road.** The right-of-way, the roadway and all improvements constructed thereon connecting the airport to a public roadway.
- 10-3 Advertisement.** A public announcement, as required by local law, inviting bids for work to be performed and materials to be furnished.
- 10-4 Airport.** Airport means an area of land or water which is used or intended to be used for the landing and takeoff of aircraft; an appurtenant area used or intended to be used for airport buildings or other airport facilities or rights of way; airport buildings and facilities located in any of these areas, and a heliport.
- 10-5 Airport Improvement Program (AIP).** A grant-in-aid program, administered by the Federal Aviation Administration (FAA).
- 10-6 Air Operations Area (AOA).** The term air operations area (AOA) shall mean any area of the airport used or intended to be used for the landing, takeoff, or surface maneuvering of aircraft. An air operation area shall include such paved or unpaved areas that are used or intended to be used for the unobstructed movement of aircraft in addition to its associated runway, taxiway, or apron.
- 10-7 Apron.** Area where aircraft are parked, unloaded or loaded, fueled and/or serviced.
- 10-8 ASTM International (ASTM).** Formerly known as the American Society for Testing and Materials (ASTM).
- 10-9 Award.** The Owner's notice to the successful bidder of the acceptance of the submitted bid.
- 10-10 Bidder.** Any individual, partnership, firm, or corporation, acting directly or through a duly authorized representative, who submits a proposal for the work contemplated.
- 10-11 Building Area.** An area on the airport to be used, considered, or intended to be used for airport buildings or other airport facilities or rights-of-way together with all airport buildings and facilities located thereon.
- 10-12 Calendar Day.** Every day shown on the calendar.
- 10-13 Certificate of Analysis (COA).** The COA is the manufacturer's Certificate of Compliance (COC) including all applicable test results required by the specifications.
- 10-14 Certificate of Compliance (COC).** The manufacturer's certification stating that materials or assemblies furnished fully comply with the requirements of the contract. The certificate shall be signed by the manufacturer's authorized representative.
- 10-15 Change Order.** A written order to the Contractor covering changes in the plans, specifications, or proposal quantities and establishing the basis of payment and contract time adjustment, if any, for work within the scope of the contract and necessary to complete the project.

- 10-16 Contract.** A written agreement between the Owner and the Contractor that establishes the obligations of the parties including but not limited to performance of work, furnishing of labor, equipment and materials and the basis of payment.
- 10-17 Contract Documents.** The Contract and those documents described in the Contract, including but not limited to the Invitation to Bid, Instructions to Bidders, Bid Form and Supplements, proposed Contract form, Bid Proposal, performance bond, payment bond, general provisions, certifications and representations, Specifications, Plans, Supplemental General Conditions, standards incorporated by reference, and Addenda. The Contract Documents can only be amended by written Change Order or another supplemental agreement intended to amend the Contract.
- 10-18 Contract Item (Pay Item).** A specific unit of work for which a price is provided in the contract.
- 10-19 Contract Time.** The number of calendar days or working days, stated in the proposal, allowed for completion of the contract, including authorized time extensions. If a calendar date of completion is stated in the proposal, in lieu of a number of calendar or working days, the contract shall be completed by that date.
- 10-20 Contractor.** The individual, partnership, firm, or corporation primarily liable for the acceptable performance of the work contracted and for the payment of all legal debts pertaining to the work who acts directly or through lawful agents or employees to complete the contract work.
- 10-21 Contractors Quality Control (QC) Facilities.** The Contractor's QC facilities in accordance with the Contractor Quality Control Program (CQCP).
- 10-22 Contractor Quality Control Program (CQCP).** Details the methods and procedures that will be taken to assure that all materials and completed construction required by the contract conform to contract plans, technical specifications and other requirements, whether manufactured by the Contractor, or procured from subcontractors or vendors.
- 10-23 Control Strip.** A demonstration by the Contractor that the materials, equipment, and construction processes results in a product meeting the requirements of the specification.
- 10-24 Construction Safety and Phasing Plan (CSPP).** The overall plan for safety and phasing of a construction project developed by the airport operator, or developed by the airport operator's consultant and approved by the airport operator. It is included in the invitation for bids and becomes part of the project specifications.
- 10-25 Drainage System.** The system of pipes, ditches, and structures by which surface or subsurface waters are collected and conducted from the airport area.
- 10-26 Engineer.** The individual, partnership, firm, or corporation duly authorized by the Owner to be responsible for engineering, inspection, and/or observation of the contract work and acting directly or through an authorized representative.
- 10-27 Equipment.** All machinery, together with the necessary supplies for upkeep and maintenance; and all tools and apparatus necessary for the proper construction and acceptable completion of the work.
- 10-28 Extra Work.** An item of work not provided for in the awarded contract as previously modified by change order or supplemental agreement, but which is found by the Owner's Engineer or Resident Project Representative (RPR) to be necessary to complete the work within the intended scope of the contract as previously modified.
- 10-29 FAA. The Federal Aviation Administration.** When used to designate a person, FAA shall mean the Administrator or their duly authorized representative.

- 10-30 Federal Specifications.** The federal specifications and standards, commercial item descriptions, and supplements, amendments, and indices prepared and issued by the General Services Administration.
- 10-31 Force Account.**
- a. Contract Force Account - A method of payment that addresses extra work performed by the Contractor on a time and material basis.
 - b. Owner Force Account - Work performed for the project by the Owner's employees.
- 10-32 Intention of Terms.** Whenever, in these specifications or on the plans, the words "directed," "required," "permitted," "ordered," "designated," "prescribed," or words of like import are used, it shall be understood that the direction, requirement, permission, order, designation, or prescription of the Engineer and/or Resident Project Representative (RPR) is intended; and similarly, the words "approved," "acceptable," "satisfactory," or words of like import, shall mean approved by, or acceptable to, or satisfactory to the Engineer and/or RPR, subject in each case to the final determination of the Owner.
- Any reference to a specific requirement of a numbered paragraph of the contract specifications or a cited standard shall be interpreted to include all general requirements of the entire section, specification item, or cited standard that may be pertinent to such specific reference.
- 10-33 Lighting.** A system of fixtures providing or controlling the light sources used on or near the airport or within the airport buildings. The field lighting includes all luminous signals, markers, floodlights, and illuminating devices used on or near the airport or to aid in the operation of aircraft landing at, taking off from, or taxiing on the airport surface.
- 10-34 Major and Minor Contract Items.** A major contract item shall be any item that is listed in the proposal, the total cost of which is equal to or greater than 20% of the total amount of the award contract. All other items shall be considered minor contract items.
- 10-35 Materials.** Any substance specified for use in the construction of the contract work.
- 10-36 Modification of Standards (MOS).** Any deviation from standard specifications applicable to material and construction methods in accordance with FAA Order 5300.1.
- 10-37 Notice to Proceed (NTP).** A written notice to the Contractor to begin the actual contract work on a previously agreed to date. If applicable, the Notice to Proceed shall state the date on which the contract time begins.
- 10-38 Owner.** The term "Owner" shall mean the party of the first part or the contracting agency signatory to the contract. Where the term "Owner" is capitalized in this document, it shall mean airport Sponsor only. The Owner for this project is the City of Charlotte, Aviation Department. Owner is also referred to as CLT (Charlotte Douglas International Airport).
- 10-39 Passenger Facility Charge (PFC).** Per 14 Code of Federal Regulations (CFR) Part 158 and 49 United States Code (USC) § 40117, a PFC is a charge imposed by a public agency on passengers enplaned at a commercial service airport it controls.
- 10-40 Pavement Structure.** The combined surface course, base course(s), and subbase course(s), if any, considered as a single unit.
- 10-41 Payment bond.** The approved form of security furnished by the Contractor and their own surety as a guaranty that the Contractor will pay in full all bills and accounts for materials and labor used in the construction of the work.

- 10-42 Performance bond.** The approved form of security furnished by the Contractor and their own surety as a guaranty that the Contractor will complete the work in accordance with the terms of the contract.
- 10-43 Plans.** The official drawings or exact reproductions which show the location, character, dimensions and details of the airport and the work to be done and which are to be considered as a part of the contract, supplementary to the specifications. Plans may also be referred to as 'contract drawings.'
- 10-44 Project.** The agreed scope of work for accomplishing specific airport development with respect to a particular airport.
- 10-45 Proposal.** The written offer of the bidder (when submitted on the approved proposal form) to perform the contemplated work and furnish the necessary materials in accordance with the provisions of the plans and specifications.
- 10-46 Proposal guaranty.** The security furnished with a proposal to guarantee that the bidder will enter into a contract if their own proposal is accepted by the Owner.
- 10-47 Quality Assurance (QA).** Owner's responsibility to assure that construction work completed complies with specifications for payment.
- 10-48 Quality Control (QC).** Contractor's responsibility to control material(s) and construction processes to complete construction in accordance with project specifications.
- 10-49 Quality Assurance (QA) Inspector.** An authorized representative of the Engineer and/or Resident Project Representative (RPR) assigned to make all necessary inspections, observations, tests, and/or observation of tests of the work performed or being performed, or of the materials furnished or being furnished by the Contractor.
- 10-50 Quality Assurance (QA) Laboratory.** The official quality assurance testing laboratories of the Owner or such other laboratories as may be designated by the Engineer or RPR. May also be referred to as Engineer's, Owner's, or QA Laboratory.
- 10-51 Resident Project Representative (RPR).** The individual, partnership, firm, or corporation duly authorized by the Owner to be responsible for all necessary inspections, observations, tests, and/or observations of tests of the contract work performed or being performed, or of the materials furnished or being furnished by the Contractor, and acting directly or through an authorized representative.
- 10-52 Runway.** The area on the airport prepared for the landing and takeoff of aircraft.
- 10-53 Runway Safety Area (RSA).** A defined surface surrounding the runway prepared or suitable for reducing the risk of damage to aircraft. See the construction safety and phasing plan (CSPP) for limits of the RSA.
- 10-54 Safety Plan Compliance Document (SPCD).** Details how the Contractor will comply with the CSPP.
- 10-55 Specifications.** A part of the contract containing the written directions and requirements for completing the contract work. Standards for specifying materials or testing which are cited in the contract specifications by reference shall have the same force and effect as if included in the contract physically.
- 10-56 Sponsor.** A Sponsor is defined in 49 USC § 47102(24) as a public agency that submits to the FAA for an AIP grant; or a private Owner of a public-use airport that submits to the FAA an application for an AIP grant for the airport.

- 10-57 Structures.** Airport facilities such as bridges; culverts; catch basins, inlets, retaining walls, cribbing; storm and sanitary sewer lines; water lines; underdrains; electrical ducts, manholes, handholes, lighting fixtures and bases; transformers; navigational aids; buildings; vaults; and, other manmade features of the airport that may be encountered in the work and not otherwise classified herein.
- 10-58 Subgrade.** The soil that forms the pavement foundation.
- 10-59 Superintendent.** The Contractor's executive representative who is present on the work during progress, authorized to receive and fulfill instructions from the RPR, and who shall supervise and direct the construction.
- 10-60 Supplemental Agreement.** A written agreement between the Contractor and the Owner that establishes the basis of payment and contract time adjustment, if any, for the work affected by the supplemental agreement. A supplemental agreement is required if: (1) in scope work would increase or decrease the total amount of the awarded contract by more than 25%; (2) in scope work would increase or decrease the total of any major contract item by more than 25%; (3) work that is not within the scope of the originally awarded contract; or (4) adding or deleting of a major contract item.
- 10-61 Surety.** The corporation, partnership, or individual, other than the Contractor, executing payment or performance bonds that are furnished to the Owner by the Contractor.
- 10-62 Taxilane.** A taxiway designed for low speed movement of aircraft between aircraft parking areas and terminal areas.
- 10-63 Taxiway.** The portion of the air operations area of an airport that has been designated by competent airport authority for movement of aircraft to and from the airport's runways, aircraft parking areas, and terminal areas.
- 10-64 Taxiway/Taxilane Safety Area (TSA).** A defined surface alongside the taxiway prepared or suitable for reducing the risk of damage to an aircraft. See the construction safety and phasing plan (CSPP) for limits of the TSA.
- 10-65 Work.** The furnishing of all labor, materials, tools, equipment, and incidentals necessary or convenient to the Contractor's performance of all duties and obligations imposed by the contract, plans, and specifications.
- 10-66 Working day.** A working day shall be any day other than a legal holiday, Saturday, or Sunday on which the normal working forces of the Contractor may proceed with regular work for at least six (6) hours toward completion of the contract. When work is suspended for causes beyond the Contractor's control, it will not be counted as a working day. Saturdays, Sundays and holidays on which the Contractor's forces engage in regular work will be considered as working days.
- 10-67 Owner Defined terms.** Refer to Instructions to Bidders, Section 1.0 Definitions, and Project Controls Requirements, Section 101.

END OF SECTION 10

SECTION 20 – INTENTIONALLY DELETED

SECTION 30 – INTENTIONALLY DELETED

SECTION 40 – SCOPE OF WORK

40-01 Intent of contract. The intent of the contract is to provide for construction and completion, in every detail, of the work described. It is further intended that the Contractor shall furnish all labor, materials, equipment, tools, transportation, and supplies required to complete the work in accordance with the plans, specifications, and terms of the contract.

40-02 Alteration of work and quantities. The Owner reserves the right to make such changes in quantities and work as may be necessary or desirable to complete, in a satisfactory manner, the original intended work. Unless otherwise specified in the Contract, the Owner's Engineer or RPR shall be and is hereby authorized to make, in writing, such in-scope alterations in the work and variation of quantities as may be necessary to complete the work, provided such action does not represent a significant change in the character of the work.

For purpose of this section, a significant change in character of work means: any change that is outside the current contract scope of work; any change (increase or decrease) in the total contract cost by more than 25%; or any change in the total cost of a major contract item by more than 25%.

Work alterations and quantity variances that do not meet the definition of significant change in character of work shall not invalidate the contract nor release the surety. Contractor agrees to accept payment for such work alterations and quantity variances in accordance with Section 90, paragraph 90-03, *Compensation for Altered Quantities*.

Should the value of altered work or quantity variance meet the criteria for significant change in character of work, such altered work and quantity variance shall be covered by a supplemental agreement. Supplemental agreements shall also require consent of the Contractor's surety and separate performance and payment bonds. If the Owner and the Contractor are unable to agree on a unit adjustment for any contract item that requires a supplemental agreement, the Owner reserves the right to terminate the contract with respect to the item and make other arrangements for its completion.

40-03 Omitted items. The Owner, the Owner's Engineer or the RPR may provide written notice to the Contractor to omit from the work any contract item that does not meet the definition of major contract item. Major contract items may be omitted by a supplemental agreement. Such omission of contract items shall not invalidate any other contract provision or requirement.

Should a contract item be omitted or otherwise ordered to be non-performed, the Contractor shall be paid for all work performed toward completion of such item prior to the date of the order to omit such item. Payment for work performed shall be in accordance with Section 90, paragraph 90-04, *Payment for Omitted Items*.

40-04 Extra work. Should acceptable completion of the contract require the Contractor to perform an item of work not provided for in the awarded contract as previously modified by change order or supplemental agreement, Owner may issue a Change Order to cover the necessary extra work. Change orders for extra work shall contain agreed unit prices for performing the change order work in accordance with the requirements specified in the order, and shall contain any adjustment to the contract time that, in the RPR's opinion, is necessary for completion of the extra work.

When determined by the RPR to be in the Owner's best interest, the RPR may order the Contractor to proceed with extra work as provided in Section 90, paragraph 90-05, *Payment for Extra Work*. Extra work that is necessary for acceptable completion of the project, but is not within the general scope of the work covered by the original contract shall be covered by a supplemental agreement as defined in Section 10, paragraph 10-59, *Supplemental Agreement*.

If extra work is essential to maintaining the project critical path, RPR may order the Contractor to commence the extra work under a Time and Material contract method. Once sufficient detail is available to establish the level of effort necessary for the extra work, the Owner shall initiate a change order or supplemental agreement to cover the extra work.

Any claim for payment of extra work that is not covered by written agreement (change order or supplemental agreement) shall be rejected by the Owner.

40-05 Maintenance of traffic. It is the explicit intention of the contract that the safety of aircraft, as well as the Contractor's equipment and personnel, is the most important consideration. The Contractor shall maintain traffic in the manner detailed in the Construction Safety and Phasing Plan (CSPP).

a. It is understood and agreed that the Contractor shall provide for the free and unobstructed movement of aircraft in the air operations areas (AOAs) of the airport with respect to their own operations and the operations of all subcontractors as specified in Section 80, paragraph 80-04, Limitation of Operations. It is further understood and agreed that the Contractor shall provide for the uninterrupted operation of visual and electronic signals (including power supplies thereto) used in the guidance of aircraft while operating to, from, and upon the airport as specified in Section 70, paragraph 70-15, Contractor's Responsibility for Utility Service and Facilities of Others.

b. With respect to their own operations and the operations of all subcontractors, the Contractor shall provide marking, lighting, and other acceptable means of identifying personnel, equipment, vehicles, storage areas, and any work area or condition that may be hazardous to the operation of aircraft, fire-rescue equipment, or maintenance vehicles at the airport in accordance with the construction safety and phasing plan (CSPP) and the safety plan compliance document (SPCD).

c. When the contract requires the maintenance of an existing road, street, or highway during the Contractor's performance of work that is otherwise provided for in the contract, plans, and specifications, the Contractor shall keep the road, street, or highway open to all traffic and shall provide maintenance as may be required to accommodate traffic. The Contractor, at their expense, shall be responsible for the repair to equal or better than preconstruction conditions of any damage caused by the Contractor's equipment and personnel. The Contractor shall furnish, erect, and maintain barricades, warning signs, flag person, and other traffic control devices in reasonable conformity with the Manual on Uniform Traffic Control Devices (MUTCD) (<http://mutcd.fhwa.dot.gov/>), unless otherwise specified. The Contractor shall also construct and maintain in a safe condition any temporary connections necessary for ingress to and egress from abutting property or intersecting roads, streets or highways.

40-06 Removal of existing structures. All existing structures encountered within the established lines, grades, or grading sections shall be removed by the Contractor, unless such existing structures are otherwise specified to be relocated, adjusted up or down, salvaged, abandoned in place, reused in the work or to remain in place. The cost of removing such existing structures shall not be measured or paid for directly, but shall be included in the various contract items.

Should the Contractor encounter an existing structure (above or below ground) in the work for which the disposition is not reasonably indicated on the plans, the Resident Project Representative (RPR) shall be notified prior to disturbing such structure. The disposition of existing structures so encountered shall be immediately determined by the RPR in accordance with the provisions of the contract.

Except as provided in Section 40, paragraph 40-07, Rights in and Use of Materials Found in the Work, it is intended that all existing materials or structures that may be encountered (within the lines, grades, or grading sections established for completion of the work) shall be used in the work as otherwise provided for in the contract and shall remain the property of the Owner when so used in the work.

40-07 Rights in and use of materials found in the work. Should the Contractor encounter any material such as (but not restricted to) sand, stone, gravel, slag, or concrete slabs within the established lines, grades, or grading sections, the use of which is intended by the terms of the contract to be embankment, the Contractor may at their own option either:

- a. Use such material in another contract item, providing such use is approved by the RPR and is in conformance with the contract specifications applicable to such use; or,
- b. Remove such material from the site, upon written approval of the RPR; or
- c. Use such material for the Contractor's own temporary construction on site; or,
- d. Use such material as intended by the terms of the contract.

Should the Contractor wish to exercise option a., b., or c., the Contractor shall request the RPR's approval in advance of such use.

Should the RPR approve the Contractor's request to exercise option a., b., or c., the Contractor shall be paid for the excavation or removal of such material at the applicable contract price. The Contractor shall replace, at their expense,

such removed or excavated material with an agreed equal volume of material that is acceptable for use in constructing embankment, backfills, or otherwise to the extent that such replacement material is needed to complete the contract work. The Contractor shall not be charged for use of such material used in the work or removed from the site.

Should the RPR approve the Contractor's exercise of option a., the Contractor shall be paid, at the applicable contract price, for furnishing and installing such material in accordance with requirements of the contract item in which the material is used.

It is understood and agreed that the Contractor shall make no claim for delays by reason of their own exercise of option a., b., or c.

The Contractor shall not excavate, remove, or otherwise disturb any material, structure, or part of a structure which is located outside the lines, grades, or grading sections established for the work, except where such excavation or removal is provided for in the contract, plans, or specifications.

40-08 Final cleanup. Upon completion of the work and before acceptance and final payment will be made, the Contractor shall remove from the site all machinery, equipment, surplus and discarded materials, rubbish, temporary structures, and stumps or portions of trees. The Contractor shall cut all brush and woods within the limits indicated and shall leave the site in a neat and presentable condition. Material cleared from the site and deposited on adjacent property will not be considered as having been disposed of satisfactorily, unless the Contractor has obtained the written permission of the property Owner.

END OF SECTION 40

SECTION 50 – CONTROL OF WORK

50-01 Authority of the Resident Project Representative (RPR). The RPR has final authority regarding the interpretation of project specification requirements. The RPR shall determine acceptability of the quality of materials furnished, method of performance of work performed, and the manner and rate of performance of the work. The RPR does not have the authority to accept work that does not conform to specification requirements.

50-02 Conformity with plans and specifications. All work and all materials furnished shall be in reasonably close conformity with the lines, grades, grading sections, cross-sections, dimensions, material requirements, and testing requirements that are specified (including specified tolerances) in the contract, plans, or specifications.

If the RPR finds the materials furnished, work performed, or the finished product not within reasonably close conformity with the plans and specifications, but that the portion of the work affected will, in their opinion, result in a finished product having a level of safety, economy, durability, and workmanship acceptable to the Owner, the RPR will advise the Owner of their determination that the affected work be accepted and remain in place. The RPR will document the determination and recommend to the Owner a basis of acceptance that will provide for an adjustment in the contract price for the affected portion of the work. Changes in the contract price must be covered by contract change order or supplemental agreement as applicable.

If the RPR finds the materials furnished, work performed, or the finished product are not in reasonably close conformity with the plans and specifications and have resulted in an unacceptable finished product, the affected work or materials shall be removed and replaced or otherwise corrected by and at the expense of the Contractor in accordance with the RPR's written orders.

The term "reasonably close conformity" shall not be construed as waiving the Contractor's responsibility to complete the work in accordance with the contract, plans, and specifications. The term shall not be construed as waiving the RPR's responsibility to insist on strict compliance with the requirements of the contract, plans, and specifications during the Contractor's execution of the work, when, in the RPR's opinion, such compliance is essential to provide an acceptable finished portion of the work.

The term "reasonably close conformity" is also intended to provide the RPR with the authority, after consultation with the Sponsor and FAA, to use sound engineering judgment in their determinations to accept work that is not in strict conformity, but will provide a finished product equal to or better than that required by the requirements of the contract, plans and specifications.

The RPR will not be responsible for the Contractor's means, methods, techniques, sequences, or procedures of construction or the safety precautions incident thereto.

50-03 Coordination of contract, plans, and specifications. The contract, plans, specifications, and all referenced standards cited are essential parts of the contract requirements. If electronic files are provided and used on the project and there is a conflict between the electronic files and hard copy plans, the hard copy plans shall govern. A requirement occurring in one is as binding as though occurring in all. They are intended to be complementary and to describe and provide for a complete work. In case of discrepancy, calculated dimensions will govern over scaled dimensions; contract technical specifications shall govern over contract general provisions, plans, cited standards for materials or testing, and cited advisory circulars (ACs); contract general provisions shall govern over plans, cited standards for materials or testing, and cited ACs; plans shall govern over cited standards for materials or testing and cited ACs. If any paragraphs contained in the Special Provisions conflict with General Provisions or Technical Specifications, the Special Provisions shall govern.

From time to time, discrepancies within cited testing standards occur due to the timing of the change, edits, and/or replacement of the standards. If the Contractor discovers any apparent discrepancy within standard test methods, the Contractor shall immediately ask the RPR for an interpretation and decision, and such decision shall be final. The Contractor shall not take advantage of any apparent error or omission on the plans or specifications. In the event the Contractor discovers any apparent error or discrepancy, Contractor shall immediately notify the Owner or the designated representative in writing requesting their written interpretation and decision.

50-04 List of Special Provisions. See "Special Provisions."

50-05 Cooperation of Contractor. The Contractor shall be supplied with two hard copies or an electronic PDF of the plans and specifications. The Contractor shall have available on the construction site at all times one hardcopy each of the plans and specifications. Additional hard copies of plans and specifications may be obtained by the Contractor for the cost of reproduction.

The Contractor shall give constant attention to the work to facilitate the progress thereof, and shall cooperate with the RPR and their inspectors and with other Contractors in every way possible. The Contractor shall have a competent superintendent on the work at all times who is fully authorized as their agent on the work. The superintendent shall be capable of reading and thoroughly understanding the plans and specifications and shall receive and fulfill instructions from the RPR or their authorized representative.

50-06 Cooperation between Contractors. The Owner reserves the right to contract for and perform other or additional work on or near the work covered by this contract.

When separate contracts are let within the limits of any one project, each Contractor shall conduct the work not to interfere with or hinder the progress of completion of the work being performed by other Contractors. Contractors working on the same project shall cooperate with each other as directed.

Each Contractor involved shall assume all liability, financial or otherwise, in connection with their own contract and shall protect and hold harmless the Owner from any and all damages or claims that may arise because of inconvenience, delays, or loss experienced because of the presence and operations of other Contractors working within the limits of the same project.

The Contractor shall arrange their work and shall place and dispose of the materials being used to not interfere with the operations of the other Contractors within the limits of the same project. The Contractor shall join their work with that of the others in an acceptable manner and shall perform it in proper sequence to that of the others.

50-07 Construction layout and stakes. The Engineer/RPR shall establish necessary horizontal and vertical control. The establishment of Survey Control and/or reestablishment of survey control shall be by a State Licensed Land Surveyor. Contractor is responsible for preserving integrity of horizontal and vertical controls established by Engineer/RPR. In case of negligence on the part of the Contractor or their employees, resulting in the destruction of any horizontal and vertical control, the resulting costs will be deducted as a liquidated damage against the Contractor.

Prior to the start of construction, the Contractor will check all control points for horizontal and vertical accuracy and certify in writing to the RPR that the Contractor concurs with survey control established for the project. All lines, grades and measurements from control points necessary for the proper execution and control of the work on this project will be provided to the RPR. The Contractor is responsible to establish all layout required for the construction of the project.

Copies of survey notes will be provided to the RPR for each area of construction and for each placement of material as specified to allow the RPR to make periodic checks for conformance with plan grades, alignments and grade tolerances required by the applicable material specifications. Surveys will be provided to the RPR prior to commencing work items that cover or disturb the survey staking. Survey(s) and notes shall be provided in the following format(s): PDF, XML, CAD and field notes (MS Word, Notepad, PDF, etc.) Laser, GPS, String line, or other automatic control shall be checked with temporary control as necessary. In the case of error, on the part of the Contractor, their surveyor, employees or subcontractors, resulting in established grades, alignment or grade tolerances that do not concur with those specified or shown on the plans, the Contractor is solely responsible for correction, removal, replacement and all associated costs at no additional cost to the Owner.

No direct payment will be made, unless otherwise specified in contract documents, for this labor, materials, or other expenses. The cost shall be included in the price of the bid for the various items of the Contract.

50-08 Authority and duties of Quality Assurance (QA) inspectors. QA inspectors shall be authorized to inspect all work done and all material furnished. Such QA inspection may extend to all or any part of the work and to the preparation, fabrication, or manufacture of the materials to be used. QA inspectors are not authorized to revoke, alter, or waive any provision of the contract. QA inspectors are not authorized to issue instructions contrary to the plans and specifications or to act as foreman for the Contractor.

QA Inspectors are authorized to notify the Contractor or their representatives of any failure of the work or materials to conform to the requirements of the contract, plans, or specifications and to reject such nonconforming materials in question until such issues can be referred to the RPR for a decision.

50-09 Inspection of the work. All materials and each part or detail of the work shall be subject to inspection. The RPR shall be allowed access to all parts of the work and shall be furnished with such information and assistance by the Contractor as is required to make a complete and detailed inspection.

If the RPR requests it, the Contractor, at any time before acceptance of the work, shall remove or uncover such portions of the finished work as may be directed. After examination, the Contractor shall restore said portions of the work to the standard required by the specifications. Should the work thus exposed or examined prove acceptable, the uncovering, or removing, and the replacing of the covering or making good of the parts removed will be paid for as extra work; but should the work so exposed or examined prove unacceptable, the uncovering, or removing, and the replacing of the covering or making good of the parts removed will be at the Contractor's expense.

Provide advance written notice to the RPR of work the Contractor plans to perform each week and each day. Any work done or materials used without written notice and allowing opportunity for inspection by the RPR may be ordered removed and replaced at the Contractor's expense.

Should the contract work include relocation, adjustment, or any other modification to existing facilities, not the property of the (contract) Owner, authorized representatives of the Owners of such facilities shall have the right to inspect such work. Such inspection shall in no sense make any facility owner a party to the contract, and shall in no way interfere with the rights of the parties to this contract.

50-10 Removal of unacceptable and unauthorized work. All work that does not conform to the requirements of the contract, plans, and specifications will be considered unacceptable, unless otherwise determined acceptable by the RPR as provided in paragraph 50-02, *Conformity with Plans and Specifications*.

Unacceptable work, whether the result of poor workmanship, use of defective materials, damage through carelessness, or any other cause found to exist prior to the final acceptance of the work, shall be removed immediately and replaced in an acceptable manner in accordance with the provisions of Section 70, paragraph 70-14, *Contractor's Responsibility for Work*.

No removal work made under provision of this paragraph shall be done without lines and grades having been established by the RPR. Work done contrary to the instructions of the RPR, work done beyond the lines shown on the plans or as established by the RPR, except as herein specified, or any extra work done without authority, will be considered as unauthorized and will not be paid for under the provisions of the contract. Work so done may be ordered removed or replaced at the Contractor's expense.

Upon failure on the part of the Contractor to comply with any order of the RPR made under the provisions of this subsection, the RPR will have authority to cause unacceptable work to be remedied or removed and replaced; and unauthorized work to be removed and recover the resulting costs as a liquidated damage against the Contractor.

50-11 Load restrictions. The Contractor shall comply with all legal load restrictions in the hauling of materials on public roads beyond the limits of the work. A special permit will not relieve the Contractor of liability for damage that may result from the moving of material or equipment.

The operation of equipment of such weight or so loaded as to cause damage to structures or to any other type of construction will not be permitted. Hauling of materials over the base course or surface course under construction shall be limited as directed. No loads will be permitted on a concrete pavement, base, or structure before the expiration of the curing period. The Contractor, at their own expense, shall be responsible for the repair to equal or better than preconstruction conditions of any damage caused by the Contractor's equipment and personnel.

50-12 Maintenance during construction. The Contractor shall maintain the work during construction and until the work is accepted. Maintenance shall constitute continuous and effective work prosecuted day by day, with adequate equipment and forces so that the work is maintained in satisfactory condition at all times.

In the case of a contract for the placing of a course upon a course or subgrade previously constructed, the Contractor shall maintain the previous course or subgrade during all construction operations.

All costs of maintenance work during construction and before the project is accepted shall be included in the unit prices bid on the various contract items, and the Contractor will not be paid an additional amount for such work.

50-13 Failure to maintain the work. Should the Contractor at any time fail to maintain the work as provided in paragraph 50-12, *Maintenance during Construction*, the RPR shall immediately notify the Contractor of such noncompliance. Such notification shall specify a reasonable time within which the Contractor shall be required to remedy such unsatisfactory maintenance condition. The time specified will give due consideration to the exigency that exists.

Should the Contractor fail to respond to the RPR's notification, the Owner may suspend any work necessary for the Owner to correct such unsatisfactory maintenance condition, depending on the exigency that exists. Any maintenance cost incurred by the Owner, shall be recovered as a liquidated damage against the Contractor.

50-14 Partial acceptance. If at any time during the execution of the project the Contractor substantially completes a usable unit or portion of the work, the occupancy of which will benefit the Owner, the Contractor may request the RPR to make final inspection of that unit. If the RPR finds upon inspection that the unit has been satisfactorily completed in compliance with the contract, the RPR may accept it as being complete, and the Contractor may be relieved of further responsibility for that unit. Such partial acceptance and beneficial occupancy by the Owner shall not void or alter any provision of the contract.

50-15 Final acceptance. Upon due notice from the Contractor of presumptive completion of the entire project, the RPR and Owner will make an inspection. If all construction provided for and contemplated by the contract is found to be complete in accordance with the contract, plans, and specifications, such inspection shall constitute the final inspection. The RPR shall notify the Contractor in writing of final acceptance as of the date of the final inspection.

If, however, the inspection discloses any work, in whole or in part, as being unsatisfactory, the RPR will notify the Contractor and the Contractor shall correct the unsatisfactory work. Upon correction of the work, another inspection will be made which shall constitute the final inspection, provided the work has been satisfactorily completed. In such event, the RPR will make the final acceptance and notify the Contractor in writing of this acceptance as of the date of final inspection.

50-16 Claims for adjustment and disputes. If for any reason the Contractor deems that additional compensation is due for work or materials not clearly provided for in the contract, plans, or specifications or previously authorized as extra work, the Contractor shall notify the RPR in writing of their intention to claim such additional compensation before the Contractor begins the work on which the Contractor bases the claim. If such notification is not given or the RPR is not afforded proper opportunity by the Contractor for keeping strict account of actual cost as required, then the Contractor hereby agrees to waive any claim for such additional compensation. Such notice by the Contractor and the fact that the RPR has kept account of the cost of the work shall not in any way be construed as proving or substantiating the validity of the claim. When the work on which the claim for additional compensation is based has been completed, Contractor shall submit a written claim to the RPR in accordance with Section 6 of the Supplemental General Conditions entitled Claims for Adjustments and Disputes. Nothing in this subsection shall be construed as a waiver of the Contractor's right to dispute final payment based on differences in measurements or computations.

END OF SECTION 50

SECTION 60 – CONTROL OF MATERIALS

60-01 Source of supply and quality requirements. The materials used in the work shall conform to the requirements of the contract, plans, and specifications. Unless otherwise specified, such materials that are manufactured or processed shall be new (as compared to used or reprocessed).

In order to expedite the inspection and testing of materials, the Contractor shall furnish documentation to the RPR as to the origin, composition, and manufacture of all materials to be used in the work. Documentation shall be furnished promptly after execution of the contract but, in all cases, prior to delivery of such materials.

At the RPR's option, materials may be approved at the source of supply before delivery. If it is found after trial that sources of supply for previously approved materials do not produce specified products, the Contractor shall furnish materials from other sources.

The Contractor shall furnish airport lighting equipment that meets the requirements of the specifications; and is listed in AC 150/5345-53, *Airport Lighting Equipment Certification Program and Addendum*, that is in effect on the date of advertisement.

60-02 Samples, tests, and cited specifications. All materials used in the work shall be inspected, tested, and approved by the RPR before incorporation in the work unless otherwise designated. Any work in which untested materials are used without approval or written permission of the RPR shall be performed at the Contractor's risk. Materials found to be unacceptable and unauthorized will not be paid for and, if directed by the RPR, shall be removed at the Contractor's expense.

Unless otherwise designated, quality assurance tests will be made by and at the expense of the Owner in accordance with the cited standard methods of ASTM, American Association of State Highway and Transportation Officials (AASHTO), federal specifications, Commercial Item Descriptions, and all other cited methods, which are current on the date of advertisement for bids.

The testing organizations performing on-site quality assurance field tests shall have copies of all referenced standards on the construction site for use by all technicians and other personnel. Unless otherwise designated, samples for quality assurance will be taken by a qualified representative of the RPR. All materials being used are subject to inspection, test, or rejection at any time prior to or during incorporation into the work. Copies of all tests will be furnished to the Contractor's representative at their request after review and approval of the RPR.

A copy of all Contractor QC test data shall be provided to the RPR daily, along with printed reports, in an approved format, on a weekly basis. After completion of the project, and prior to final payment, the Contractor shall submit a final report to the RPR showing all test data reports, plus an analysis of all results showing ranges, averages, and corrective action taken on all failing tests.

The Contractor shall employ a Quality Control (QC) testing organization to perform all Contractor required QC tests in accordance with Item C-100 Contractor Quality Control Program (CQCP).

60-03 Certification of compliance/analysis (COC/COA). The RPR may permit the use, prior to sampling and testing, of certain materials or assemblies when accompanied by manufacturer's COC stating that such materials or assemblies fully comply with the requirements of the contract. The certificate shall be signed by the manufacturer. Each lot of such materials or assemblies delivered to the work must be accompanied by a certificate of compliance in which the lot is clearly identified. The COA is the manufacturer's COC and includes all applicable test results.

Materials or assemblies used on the basis of certificates of compliance may be sampled and tested at any time and if found not to be in conformity with contract requirements will be subject to rejection whether in place or not.

The form and distribution of certificates of compliance shall be as approved by the RPR.

When a material or assembly is specified by "brand name or equal" and the Contractor elects to furnish the specified "or equal," the Contractor shall be required to furnish the manufacturer's certificate of compliance for each lot of such material or assembly delivered to the work. Such certificate of compliance shall clearly identify each lot delivered and shall certify as to:

- a. Conformance to the specified performance, testing, quality or dimensional requirements; and,
- b. Suitability of the material or assembly for the use intended in the contract work.

The RPR shall be the sole judge as to whether the proposed “or equal” is suitable for use in the work.

The RPR reserves the right to refuse permission for use of materials or assemblies on the basis of certificates of compliance.

60-04 Plant inspection. The RPR or their authorized representative may inspect, at its source, any specified material or assembly to be used in the work. Manufacturing plants may be inspected from time to time for the purpose of determining compliance with specified manufacturing methods or materials to be used in the work and to obtain samples required for acceptance of the material or assembly.

Should the RPR conduct plant inspections, the following conditions shall exist:

- a. The RPR shall have the cooperation and assistance of the Contractor and the producer with whom the Contractor has contracted for materials.
- b. The RPR shall have full entry at all reasonable times to such parts of the plant that concern the manufacture or production of the materials being furnished.
- c. If required by the RPR, the Contractor shall arrange for adequate office or working space that may be reasonably needed for conducting plant inspections. Place office or working space in a convenient location with respect to the plant.

It is understood and agreed that the Owner shall have the right to retest any material that has been tested and approved at the source of supply after it has been delivered to the site. The RPR shall have the right to reject only material which, when retested, does not meet the requirements of the contract, plans, or specifications.

60-05 Engineer/Resident Project Representative (RPR) field office. An Engineer/RPR field office is not required.

60-06 Storage of materials. Materials shall be stored to assure the preservation of their quality and fitness for the work. Stored materials, even though approved before storage, may again be inspected prior to their use in the work. Stored materials shall be located to facilitate their prompt inspection. The Contractor shall coordinate the storage of all materials with the RPR. Materials to be stored on airport property shall not create an obstruction to air navigation nor shall they interfere with the free and unobstructed movement of aircraft. Unless otherwise shown on the plans and/or CSPP, the storage of materials and the location of the Contractor’s plant and parked equipment or vehicles shall be as directed by the RPR. Private property shall not be used for storage purposes without written permission of the Owner or lessee of such property. The Contractor shall make all arrangements and bear all expenses for the storage of materials on private property. Upon request, the Contractor shall furnish the RPR a copy of the property Owner’s permission.

All storage sites on private or airport property shall be restored to their original condition by the Contractor at their expense, except as otherwise agreed to (in writing) by the Owner or lessee of the property.

60-07 Unacceptable materials. Any material or assembly that does not conform to the requirements of the contract, plans, or specifications shall be considered unacceptable and shall be rejected. The Contractor shall remove any rejected material or assembly from the site of the work, unless otherwise instructed by the RPR.

Rejected material or assembly, the defects of which have been corrected by the Contractor, shall not be returned to the site of the work until such time as the RPR has approved its use in the work.

60-08 Owner furnished materials. The Contractor shall furnish all materials required to complete the work, except those specified, if any, to be furnished by the Owner. Owner-furnished materials shall be made available to the Contractor at the location specified.

All costs of handling, transportation from the specified location to the site of work, storage, and installing Owner-furnished materials shall be included in the unit price bid for the contract item in which such Owner- furnished material is used.

After any Owner-furnished material has been delivered to the location specified, the Contractor shall be responsible for any demurrage, damage, loss, or other deficiencies that may occur during the Contractor's handling, storage, or use of such Owner-furnished material. The Owner will deduct from any monies due or to become due the Contractor any cost incurred by the Owner in making good such loss due to the Contractor's handling, storage, or use of Owner-furnished materials.

END OF SECTION 60

SECTION 70 – LEGAL REGULATIONS AND RESPONSIBILITY TO PUBLIC

70-01 Laws to be observed. The Contractor shall keep fully informed of all federal and state laws, all local laws, ordinances, and regulations and all orders and decrees of bodies or tribunals having any jurisdiction or authority, which in any manner affect those engaged or employed on the work, or which in any way affect the conduct of the work. The Contractor shall at all times observe and comply with all such laws, ordinances, regulations, orders, and decrees; and shall protect and indemnify the Owner and all their officers, agents, or servants against any claim or liability arising from or based on the violation of any such law, ordinance, regulation, order, or decree, whether by the Contractor or the Contractor's employees.

70-02 Permits, licenses, and taxes. The Contractor shall procure all permits and licenses, pay all charges, fees, and taxes, and give all notices necessary and incidental to the due and lawful execution of the work.

70-03 Patented devices, materials, and processes. If the Contractor is required or desires to use any design, device, material, or process covered by letters of patent or copyright, the Contractor shall provide for such use by suitable legal agreement with the Patentee or Owner. The Contractor and the surety shall indemnify and hold harmless the Owner, any third party, or political subdivision from any and all claims for infringement by reason of the use of any such patented design, device, material or process, or any trademark or copyright, and shall indemnify the Owner for any costs, expenses, and damages which it may be obliged to pay by reason of an infringement, at any time during the execution or after the completion of the work.

70-04 Restoration of surfaces disturbed by others. The Owner reserves the right to authorize the construction, reconstruction, or maintenance of any public or private utility service, FAA or National Oceanic and Atmospheric Administration (NOAA) facility, or a utility service of another government agency at any time during the progress of the work. To the extent that such construction, reconstruction, or maintenance has been coordinated with the Owner, such authorized work (by others) must be shown on the plans.

Except as listed above, the Contractor shall not permit any individual, firm, or corporation to excavate or otherwise disturb such utility services or facilities located within the limits of the work without the written permission of the RPR.

Should the Owner of public or private utility service, FAA, or NOAA facility, or a utility service of another government agency be authorized to construct, reconstruct, or maintain such utility service or facility during the progress of the work, the Contractor shall cooperate with such Owners by arranging and performing the work in this contract to facilitate such construction, reconstruction or maintenance by others whether or not such work by others is listed above. When ordered as extra work by the RPR, the Contractor shall make all necessary repairs to the work which are due to such authorized work by others, unless otherwise provided for in the contract, plans, or specifications. It is understood and agreed that the Contractor shall not be entitled to make any claim for damages due to such authorized work by others or for any delay to the work resulting from such authorized work.

70-05 Federal Participation. The United States Government has agreed to reimburse the Owner for some portion of the contract costs. The contract work is subject to the inspection and approval of duly authorized representatives of the FAA Administrator. No requirement of this contract shall be construed as making the United States a party to the contract nor will any such requirement interfere, in any way, with the rights of either party to the contract.

70-06 Sanitary, health, and safety provisions. The Contractor's worksite and facilities shall comply with applicable federal, state, and local requirements for health, safety and sanitary provisions.

70-07 Public convenience and safety. The Contractor shall control their operations and those of their subcontractors and all suppliers, to assure the least inconvenience to the traveling public. Under all circumstances, safety shall be the most important consideration.

The Contractor shall maintain the free and unobstructed movement of aircraft and vehicular traffic with respect to their own operations and those of their own subcontractors and all suppliers in accordance with Section 40, paragraph 40-05, *Maintenance of Traffic*, and shall limit such operations for the convenience and safety of the traveling public as specified in Section 80, paragraph 80-04, *Limitation of Operations*.

The Contractor shall remove or control debris and rubbish resulting from its work operations at frequent intervals, and upon the order of the RPR. If the RPR determines the existence of Contractor debris in the work site represents a hazard to airport operations and the Contractor is unable to respond in a prompt and reasonable manner, the RPR reserves the right to assign the task of debris removal to a third party and recover the resulting costs as a liquidated damage against the Contractor.

70-08 Construction Safety and Phasing Plan (CSPP). The Contractor shall complete the work in accordance with the approved Construction Safety and Phasing Plan (CSPP) developed in accordance with AC 150/5370-2, Operational Safety on Airports During Construction. The CSPP will be provided by the RPR in order to develop the Contractor's Safety Plan Compliance Document (SPCD) as required. Refer to the plans for the construction safety and phasing plan sheets.

70-09 Use of explosives. When the use of explosives is necessary for the execution of the work, the Contractor shall exercise the utmost care not to endanger life or property, including new work. The Contractor shall be responsible for all damage resulting from the use of explosives.

All explosives shall be stored in a secure manner in compliance with all laws and ordinances, and all such storage places shall be clearly marked. Where no local laws or ordinances apply, storage shall be provided satisfactory to the RPR and, in general, not closer than 1,000 feet from the work or from any building, road, or other place of human occupancy.

The Contractor shall notify each property Owner and public utility company having structures or facilities in proximity to the site of the work of their intention to use explosives. Such notice shall be given sufficiently in advance to enable them to take such steps as they may deem necessary to protect their property from injury.

The use of electrical blasting caps shall not be permitted on or within 1,000 feet of the airport property.

70-10 Protection and restoration of property and landscape. The Contractor shall be responsible for the preservation of all public and private property, and shall protect carefully from disturbance or damage all land monuments and property markers until the Engineer/RPR has witnessed or otherwise referenced their location and shall not move them until directed.

The Contractor shall be responsible for all damage or injury to property of any character, during the execution of the work, resulting from any act, omission, neglect, or misconduct in manner or method of executing the work, or at any time due to defective work or materials, and said responsibility shall not be released until the project has been completed and accepted.

When or where any direct or indirect damage or injury is done to public or private property by or on account of any act, omission, neglect, or misconduct in the execution of the work, or in consequence of the non-execution thereof by the Contractor, the Contractor shall restore, at their expense, such property to a condition similar or equal to that existing before such damage or injury was done, by repairing, or otherwise restoring as may be directed, or the Contractor shall make good such damage or injury in an acceptable manner.

70-11 Responsibility for damage claims. The Contractor shall indemnify and hold harmless the Engineer/RPR and the Owner and their officers, agents, and employees from all suits, actions, or claims, of any character, brought because of any injuries or damage received or sustained by any person, persons, or property on account of the operations of the Contractor; or on account of or in consequence of any neglect in safeguarding the work; or through use of unacceptable materials in constructing the work; or because of any act or omission, neglect, or misconduct of said Contractor; or because of any claims or amounts recovered from any infringements of patent, trademark, or copyright; or from any claims or amounts arising or recovered under the "Workmen's Compensation Act," or any other law, ordinance, order, or decree. Money due the Contractor under and by virtue of their own contract considered necessary by the Owner for such purpose may be retained for the use of the Owner or, in case no money is due, their own surety may be held until such suits, actions, or claims for injuries or damages shall have been settled and suitable evidence to that effect furnished to the Owner, except that money due the Contractor will not be withheld when the Contractor produces satisfactory evidence that he or she is adequately protected by public liability and property damage insurance.

70-12 Third party beneficiary clause. It is specifically agreed between the parties executing the contract that it is not intended by any of the provisions of any part of the contract to create for the public or any member thereof, a third-party beneficiary or to authorize anyone not a party to the contract to maintain a suit for personal injuries or property damage pursuant to the terms or provisions of the contract.

70-13 Opening sections of the work to traffic. If it is necessary for the Contractor to complete portions of the contract work for the beneficial occupancy of the Owner prior to completion of the entire contract, such “phasing” of the work must be specified below and indicated on the approved Construction Safety and Phasing Plan (CSPP) and the project plans. When so specified, the Contractor shall complete such portions of the work on or before the date specified or as otherwise specified.

Upon completion of any portion of work listed above, such portion shall be accepted by the Owner in accordance with Section 50, paragraph 50-14, *Partial Acceptance*.

No portion of the work may be opened by the Contractor until directed by the Owner in writing. Should it become necessary to open a portion of the work to traffic on a temporary or intermittent basis, such openings shall be made when, in the opinion of the RPR, such portion of the work is in an acceptable condition to support the intended traffic. Temporary or intermittent openings are considered to be inherent in the work and shall not constitute either acceptance of the portion of the work so opened or a waiver of any provision of the contract. Any damage to the portion of the work so opened that is not attributable to traffic which is permitted by the Owner shall be repaired by the Contractor at their expense.

The Contractor shall make their own estimate of the inherent difficulties involved in completing the work under the conditions herein described and shall not claim any added compensation by reason of delay or increased cost due to opening a portion of the contract work.

The Contractor must conform to safety standards contained AC 150/5370-2 and the approved CSPP.

Contractor shall refer to the plans, specifications, and the approved CSPP to identify barricade requirements, temporary and/or permanent markings, airfield lighting, guidance signs and other safety requirements prior to opening up sections of work to traffic.

70-14 Contractor’s responsibility for work. Until the RPR’s final written acceptance of the entire completed work, excepting only those portions of the work accepted in accordance with Section 50, paragraph 50-14, *Partial Acceptance*, the Contractor shall have the charge and care thereof and shall take every precaution against injury or damage to any part due to the action of the elements or from any other cause, whether arising from the execution or from the non-execution of the work. The Contractor shall rebuild, repair, restore, and make good all injuries or damages to any portion of the work occasioned by any of the above causes before final acceptance and shall bear the expense thereof except damage to the work due to unforeseeable causes beyond the control of and without the fault or negligence of the Contractor, including but not restricted to acts of God such as earthquake, tidal wave, tornado, hurricane or other cataclysmic phenomenon of nature, or acts of the public enemy or of government authorities.

If the work is suspended for any cause whatever, the Contractor shall be responsible for the work and shall take such precautions necessary to prevent damage to the work. The Contractor shall provide for normal drainage and shall erect necessary temporary structures, signs, or other facilities at their own expense. During such period of suspension of work, the Contractor shall properly and continuously maintain in an acceptable growing condition all living material in newly established planting, seeding, and sodding furnished under the contract, and shall take adequate precautions to protect new tree growth and other important vegetative growth against injury.

70-15 Contractor’s responsibility for utility service and facilities of others. As provided in paragraph 70-04, *Restoration of Surfaces Disturbed by Others*, the Contractor shall cooperate with the owner of any public or private utility service, FAA or NOAA, or a utility service of another government agency that may be authorized by the Owner to construct, reconstruct or maintain such utility services or facilities during the progress of the work. In addition, the Contractor shall control their operations to prevent the unscheduled interruption of such utility services and facilities.

To the extent that such public or private utility services, FAA, or NOAA facilities, or utility services of another governmental agency are known to exist within the limits of the contract work, the approximate locations have been indicated on the plans and/or in the contract documents. Contractor is to be mindful of the numerous utility service

lines that transverse the project site. Known utilities and their approximate locations are identified in the plans and include, but are not limited to storm drainage, sanitary sewer, fiber optic communication, and Duke Energy distribution lines. Contractor to coordinate existing utilities per the plans, and upon coordination with CDIA.

It is understood and agreed that the Owner does not guarantee the accuracy or the completeness of the location information relating to existing utility services, facilities, or structures that may be shown on the plans or encountered in the work. Any inaccuracy or omission in such information shall not relieve the Contractor of the responsibility to protect such existing features from damage or unscheduled interruption of service.

It is further understood and agreed that the Contractor shall, upon execution of the contract, notify the Owners of all utility services or other facilities of their plan of operations. Such notification shall be in writing addressed to "The Person to Contact" as provided in this paragraph and paragraph 70-04, *Restoration of Surfaces Disturbed By Others*. A copy of each notification shall be given to the RPR.

In addition to the general written notification provided, it shall be the responsibility of the Contractor to keep such individual Owners advised of changes in their plan of operations that would affect such Owners.

Prior to beginning the work in the general vicinity of an existing utility service or facility, the Contractor shall again notify each such Owner of their plan of operation. If, in the Contractor's opinion, the Owner's assistance is needed to locate the utility service or facility or the presence of a representative of the Owner is desirable to observe the work, such advice should be included in the notification. Such notification shall be given by the most expeditious means to reach the utility owner's "Person to Contact" no later than two normal business days prior to the Contractor's commencement of operations in such general vicinity. The Contractor shall furnish a written summary of the notification to the RPR.

The Contractor's failure to give the two days' notice shall be cause for the Owner to suspend the Contractor's operations in the general vicinity of a utility service or facility.

Where the outside limits of an underground utility service have been located and staked on the ground, the Contractor shall be required to use hand excavation methods within 3 feet (1 m) of such outside limits at such points as may be required to ensure protection from damage due to the Contractor's operations.

Should the Contractor damage or interrupt the operation of a utility service or facility by accident or otherwise, the Contractor shall immediately notify the proper authority and the RPR and shall take all reasonable measures to prevent further damage or interruption of service. The Contractor, in such events, shall cooperate with the utility service or facility owner and the RPR continuously until such damage has been repaired and service restored to the satisfaction of the utility or facility owner.

The Contractor shall bear all costs of damage and restoration of service to any utility service or facility due to their operations whether due to negligence or accident. The Owner reserves the right to deduct such costs from any monies due or which may become due the Contractor, or their own surety.

70-15.1 FAA facilities and cable runs. The Contractor is hereby advised that the construction limits of the project potentially include existing facilities and buried cable runs that are owned, operated and maintained by the FAA. The Contractor, during the execution of the project work, shall comply with the following:

- a. The Contractor shall permit FAA maintenance personnel the right of access to the project work site for purposes of inspecting and maintaining all existing FAA owned facilities.
- b. The Contractor shall provide notice to the FAA Air Traffic Organization (ATO)/Technical Operations/System Support Center (SSC) Point-of-Contact through the airport a minimum of seven (7) calendar days prior to commencement of construction activities in order to permit sufficient time to locate and mark existing buried cables and to schedule any required facility outages.
- c. If execution of the project work requires a facility outage, the Contractor shall contact the FAA Point-of-Contact a minimum of 72 hours prior to the time of the required outage.
- d. Any damage to FAA cables, access roads, or FAA facilities during construction caused by the Contractor's equipment or personnel whether by negligence or accident will require the Contractor

to repair or replace the damaged cables, access road, or FAA facilities to FAA requirements. The Contractor shall not bear the cost to repair damage to underground facilities or utilities improperly located by the FAA.

- e. If the project work requires the cutting or splicing of FAA owned cables, the FAA Point-of-Contact shall be contacted a minimum of 72 hours prior to the time the cable work commences. The FAA reserves the right to have a FAA representative on site to observe the splicing of the cables as a condition of acceptance. All cable splices are to be accomplished in accordance with FAA specifications and require approval by the FAA Point-of-Contact as a condition of acceptance by the Owner. The Contractor is hereby advised that FAA restricts the location of where splices may be installed. If a cable splice is required in a location that is not permitted by FAA, the Contractor shall furnish and install a sufficient length of new cable that eliminates the need for any splice.

70-16 Furnishing rights-of-way. The Owner will be responsible for furnishing all rights-of-way upon which the work is to be constructed in advance of the Contractor's operations.

70-17 Personal liability of public officials. In carrying out any of the contract provisions or in exercising any power or authority granted by this contract, there shall be no liability upon the Engineer, RPR, their authorized representatives, or any officials of the Owner either personally or as an official of the Owner. It is understood that in such matters they act solely as agents and representatives of the Owner.

70-18 No waiver of legal rights. Upon completion of the work, the Owner will expeditiously make final inspection and notify the Contractor of final acceptance. Such final acceptance, however, shall not preclude or stop the Owner from correcting any measurement, estimate, or certificate made before or after completion of the work, nor shall the Owner be precluded or stopped from recovering from the Contractor or their surety, or both, such overpayment as may be sustained, or by failure on the part of the Contractor to fulfill their obligations under the contract. A waiver on the part of the Owner of any breach of any part of the contract shall not be held to be a waiver of any other or subsequent breach.

The Contractor, without prejudice to the terms of the contract, shall be liable to the Owner for latent defects, fraud, or such gross mistakes as may amount to fraud, or as regards the Owner's rights under any warranty or guaranty.

70-19 Environmental protection. The Contractor shall comply with all federal, state, and local laws and regulations controlling pollution of the environment. The Contractor shall take necessary precautions to prevent pollution of streams, lakes, ponds, and reservoirs with fuels, oils, asphalts, chemicals, or other harmful materials and to prevent pollution of the atmosphere from particulate and gaseous matter.

70-20 Archaeological and historical findings. Unless otherwise specified in this subsection, the Contractor is advised that the site of the work is not within any property, district, or site, and does not contain any building, structure, or object listed in the current National Register of Historic Places published by the United States Department of Interior.

Should the Contractor encounter, during their operations, any building, part of a building, structure, or object that is incongruous with its surroundings, the Contractor shall immediately cease operations in that location and notify the RPR. The RPR will immediately investigate the Contractor's finding and the Owner will direct the Contractor to either resume operations or to suspend operations as directed.

Should the Owner order suspension of the Contractor's operations in order to protect an archaeological or historical finding, or order the Contractor to perform extra work, such shall be covered by an appropriate contract change order or supplemental agreement as provided in Section 40, paragraph 40-04, *Extra Work*, and Section 90, paragraph 90-05, *Payment for Extra Work*. If appropriate, the contract change order or supplemental agreement shall include an extension of contract time in accordance with Section 80, paragraph 80-07, *Determination and Extension of Contract Time*.

END OF SECTION 70

SECTION 80 – EXECUTION AND PROGRESS

80-01 Subletting of contract. The Owner will not recognize any subcontractor on the work. The Contractor shall at all times when work is in progress be represented either in person, by a qualified superintendent, or by other designated, qualified representative who is duly authorized to receive and execute orders of the Resident Project Representative (RPR).

The Contractor shall perform, with his organization, an amount of work equal to at least 50 percent of the total contract cost.

Should the Contractor elect to assign their contract, said assignment shall be concurred in by the surety, shall be presented for the consideration and approval of the Owner, and shall be consummated only on the written approval of the Owner.

The Contractor shall provide copies of all subcontracts to the RPR 14 days prior to being utilized on the project. As a minimum, the information shall include the following:

- Subcontractor's legal company name.
- Subcontractor's legal company address, including County name.
- Principal contact person's name, telephone and fax number.
- Complete narrative description, and dollar value of the work to be performed by the subcontractor.
- Copies of required insurance certificates in accordance with the specifications.
- Minority/ non-minority status.

80-02 Notice to proceed (NTP). The Owners notice to proceed will state the date on which contract time commences. The Contractor is expected to commence project operations within 10 calendar days of the NTP date. The Contractor shall notify the RPR at least 48 hours in advance of the time contract operations begins. The Contractor shall not commence any actual operations prior to the date on which the notice to proceed is issued by the Owner.

80-03 Execution and progress. Unless otherwise specified, the Contractor shall submit their coordinated construction schedule showing all work activities for the RPR's review and acceptance within thirty (30) calendar days of the Effective Date of Contract. The Contractor's progress schedule, once accepted by the RPR, will represent the Contractor's baseline plan to accomplish the project in accordance with the terms and conditions of the Contract. The RPR will compare actual Contractor progress against the baseline schedule to determine that status of the Contractor's performance. The Contractor shall provide sufficient materials, equipment, and labor to guarantee the completion of the project in accordance with the plans and specifications within the time set forth in the proposal.

If the Contractor falls significantly behind the submitted schedule, the Contractor shall, upon the RPR's request, submit a revised schedule for completion of the work within the contract time and modify their operations to provide such additional materials, equipment, and labor necessary to meet the revised schedule. Should the execution of the work be discontinued for any reason, the Contractor shall notify the RPR at least 48 hours in advance of resuming operations.

The Contractor shall not commence any actual construction prior to the date on which the NTP is issued by the Owner.

The project schedule shall be prepared in accordance with Section 101 Project Controls Requirements. It shall include information on the sequence of work activities, milestone dates, and activity duration. The schedule shall show all work items identified in the project proposal for each work area and shall include the project start date and end date.

The Contractor shall maintain the work schedule and provide an update and analysis of the progress schedule on a monthly basis, or as otherwise specified in the contract. Submission of the work schedule shall not relieve the

Contractor of overall responsibility for scheduling, sequencing, and coordinating all work to comply with the requirements of the contract.

80-04 Limitation of operations. The Contractor shall control their operations and the operations of their subcontractors and all suppliers to provide for the free and unobstructed movement of aircraft in the air operations areas (AOA) of the airport.

When the work requires the Contractor to conduct their operations within an AOA of the airport, the work shall be coordinated with airport operations (through the RPR) at least 48 hours prior to commencement of such work. The Contractor shall not close an AOA until so authorized by the RPR and until the necessary temporary marking, signage and associated lighting is in place as provided in Section 70, paragraph 70-08, *Construction Safety and Phasing Plan (CSPP)*.

When the contract work requires the Contractor to work within an AOA of the airport on an intermittent basis (intermittent opening and closing of the AOA), the Contractor shall maintain constant communications as specified; immediately obey all instructions to vacate the AOA; and immediately obey all instructions to resume work in such AOA. Failure to maintain the specified communications or to obey instructions shall be cause for suspension of the Contractor's operations in the AOA until satisfactory conditions are provided. The areas of the AOA identified in the Construction Safety Phasing Plan (CSPP) and as listed below, cannot be closed to operating aircraft to permit the Contractor's operations on a continuous basis and will therefore be closed to aircraft operations intermittently.

Refer to the CS-series of the plans for this information.

The Contractor shall be required to conform to safety standards contained in AC 150/5370-2, Operational Safety on Airports During Construction and the approved CSPP.

80-04.1 Operational safety on airport during construction. All Contractors' operations shall be conducted in accordance with the approved project Construction Safety and Phasing Plan (CSPP) and the Safety Plan Compliance Document (SPCD) and the provisions set forth within the current version of AC 150/5370-2, Operational Safety on Airports During Construction. The CSPP included within the contract documents conveys minimum requirements for operational safety on the airport during construction activities. The Contractor shall prepare and submit a SPCD that details how it proposes to comply with the requirements presented within the CSPP.

The Contractor shall implement all necessary safety plan measures prior to commencement of any work activity. The Contractor shall conduct routine checks to assure compliance with the safety plan measures.

The Contractor is responsible to the Owner for the conduct of all subcontractors it employs on the project. The Contractor shall assure that all subcontractors are made aware of the requirements of the CSPP and SPCD and that they implement and maintain all necessary measures.

No deviation or modifications may be made to the approved CSPP and SPCD unless approved in writing by the Owner. The necessary coordination actions to review Contractor proposed modifications to an approved CSPP or approved SPCD can require a significant amount of time.

80-05 Character of workers, methods, and equipment. The Contractor shall, at all times, employ sufficient labor and equipment for prosecuting the work to full completion in the manner and time required by the contract, plans, and specifications.

All workers shall have sufficient skill and experience to perform properly the work assigned to them. Workers engaged in special work or skilled work shall have sufficient experience in such work and in the operation of the equipment required to perform the work satisfactorily.

Any person employed by the Contractor or by any subcontractor who violates any operational regulations or operational safety requirements and, in the opinion of the RPR, does not perform his work in a proper and skillful manner or is intemperate or disorderly shall, at the written request of the RPR, be removed immediately by the Contractor or subcontractor employing such person, and shall not be employed again in any portion of the work without approval of the RPR.

Should the Contractor fail to remove such person or persons, or fail to furnish suitable and sufficient personnel for the proper execution of the work, the RPR may suspend the work by written notice until compliance with such orders.

All equipment that is proposed to be used on the work shall be of sufficient size and in such mechanical condition as to meet requirements of the work and to produce a satisfactory quality of work. Equipment used on any portion of the work shall not cause injury to previously completed work, adjacent property, or existing airport facilities due to its use.

When the methods and equipment to be used by the Contractor in accomplishing the work are not prescribed in the contract, the Contractor is free to use any methods or equipment that will accomplish the work in conformity with the requirements of the contract, plans, and specifications.

When the contract specifies the use of certain methods and equipment, such methods and equipment shall be used unless otherwise authorized by the RPR. If the Contractor desires to use a method or type of equipment other than specified in the contract, the Contractor may request authority from the RPR to do so. The request shall be in writing and shall include a full description of the methods and equipment proposed and of the reasons for desiring to make the change. If approval is given, it will be on the condition that the Contractor will be fully responsible for producing work in conformity with contract requirements. If, after trial use of the substituted methods or equipment, the RPR determines that the work produced does not meet contract requirements, the Contractor shall discontinue the use of the substitute method or equipment and shall complete the remaining work with the specified methods and equipment. The Contractor shall remove any deficient work and replace it with work of specified quality, or take such other corrective action as the RPR may direct. No change will be made in basis of payment for the contract items involved nor in contract time as a result of authorizing a change in methods or equipment under this paragraph.

80-06 Temporary suspension of the work. The Owner shall have the authority to suspend the work wholly, or in part, for such period or periods the Owner may deem necessary, due to unsuitable weather, or other conditions considered unfavorable for the execution of the work, or for such time necessary due to the failure on the part of the Contractor to carry out orders given or perform any or all provisions of the contract.

In the event that the Contractor is ordered by the Owner, in writing, to suspend work for some unforeseen cause not otherwise provided for in the contract and over which the Contractor has no control, the Contractor may be reimbursed for actual money expended on the work during the period of shutdown. No allowance will be made for anticipated profits. The period of shutdown shall be computed from the effective date of the written order to suspend work to the effective date of the written order to resume the work. Claims for such compensation shall be filed with the RPR within the time period stated in the RPR's order to resume work. The Contractor shall submit with their own claim information substantiating the amount shown on the claim. The RPR will forward the Contractor's claim to the Owner for consideration in accordance with local laws or ordinances. No provision of this article shall be construed as entitling the Contractor to compensation for delays due to inclement weather or for any other delay provided for in the contract, plans, or specifications.

If it becomes necessary to suspend work for an indefinite period, the Contractor shall store all materials in such manner that they will not become an obstruction nor become damaged in any way. The Contractor shall take every precaution to prevent damage or deterioration of the work performed and provide for normal drainage of the work. The Contractor shall erect temporary structures where necessary to provide for traffic on, to, or from the airport.

80-07 Determination and extension of contract time. The number of calendar days shall be stated in the proposal and contract and shall be known as the Contract Time.

If the contract time requires extension for reasons beyond the Contractor's control, it shall be adjusted as follows:

80-07.1 Contract time based on calendar days. Contract Time based on calendar days shall consist of the number of calendar days stated in the contract counting from the effective date of the Notice to Proceed and including all Saturdays, Sundays, holidays, and non-work days. All calendar days elapsing between the effective dates of the Owner's orders to suspend and resume all work, due to causes not the fault of the Contractor, shall be excluded.

At the time of final payment, the contract time shall be increased in the same proportion as the cost of the actually completed quantities bears to the cost of the originally estimated quantities in the proposal. Such increase in the

contract time shall not consider either cost of work or the extension of contract time that has been covered by a change order or supplemental agreement. Charges against the contract time will cease as of the date of final acceptance.

80-08 Failure to complete on time. For each calendar day or working day, as specified in the contract, that any work remains uncompleted after the contract time (including all extensions and adjustments as provided in paragraph 80-07, *Determination and Extension of Contract Time*) the sum specified in the contract and proposal as liquidated damages (LD) will be deducted from any money due or to become due the Contractor or their own surety. Such deducted sums shall not be deducted as a penalty but shall be considered as liquidation of a reasonable portion of damages including but not limited to additional engineering services that will be incurred by the Owner should the Contractor fail to complete the work in the time provided in their contract.

80-09 Default and termination of contract. The Contractor shall be considered in default of their contract and such default will be considered as cause for the Owner to terminate the contract for any of the following reasons, if the Contractor:

- a. Fails to begin the work under the contract within the time specified in the Notice to Proceed, or
- b. Fails to perform the work or fails to provide sufficient workers, equipment and/or materials to assure completion of work in accordance with the terms of the contract, or
- c. Performs the work unsuitably or neglects or refuses to remove materials or to perform anew such work as may be rejected as unacceptable and unsuitable, or
- d. Discontinues the execution of the work, or
- e. Fails to resume work which has been discontinued within a reasonable time after notice to do so, or
- f. Becomes insolvent or is declared bankrupt, or commits any act of bankruptcy or insolvency, or
- g. Allows any final judgment to stand against the Contractor unsatisfied for a period of 10 days, or
- h. Makes an assignment for the benefit of creditors, or
- i. For any other cause whatsoever, fails to carry on the work in an acceptable manner.

Should the Owner consider the Contractor in default of the contract for any reason above, the Owner shall immediately give written notice to the Contractor and the Contractor's surety as to the reasons for considering the Contractor in default and the Owner's intentions to terminate the contract.

If the Contractor or surety, within a period of 10 days after such notice, does not proceed in accordance therewith, then the Owner will, upon written notification from the RPR of the facts of such delay, neglect, or default and the Contractor's failure to comply with such notice, have full power and authority without violating the contract, to take the execution of the work out of the hands of the Contractor. The Owner may appropriate or use any or all materials and equipment that have been mobilized for use in the work and are acceptable and may enter into an agreement for the completion of said contract according to the terms and provisions thereof, or use such other methods as in the opinion of the RPR will be required for the completion of said contract in an acceptable manner.

All costs and charges incurred by the Owner, together with the cost of completing the work under contract, will be deducted from any monies due or which may become due the Contractor. If such expense exceeds the sum which would have been payable under the contract, then the Contractor and the surety shall be liable and shall pay to the Owner the amount of such excess.

80-10 Termination for national emergencies. The Owner shall terminate the contract or portion thereof by written notice when the Contractor is prevented from proceeding with the construction contract as a direct result of an Executive Order of the President with respect to the execution of war or in the interest of national defense.

When the contract, or any portion thereof, is terminated before completion of all items of work in the contract, payment will be made for the actual number of units or items of work completed at the contract price or as mutually

agreed for items of work partially completed or not started. No claims or loss of anticipated profits shall be considered.

Reimbursement for organization of the work, and other overhead expenses, (when not otherwise included in the contract) and moving equipment and materials to and from the job will be considered, the intent being that an equitable settlement will be made with the Contractor.

Acceptable materials, obtained or ordered by the Contractor for the work and that are not incorporated in the work shall, at the option of the Contractor, be purchased from the Contractor at actual cost as shown by receipted bills and actual cost records at such points of delivery as may be designated by the RPR.

Termination of the contract or a portion thereof shall neither relieve the Contractor of their responsibilities for the completed work nor shall it relieve their surety of its obligation for and concerning any just claim arising out of the work performed.

80-11 Work area, storage area and sequence of operations. The Contractor shall obtain approval from the RPR prior to beginning any work in all areas of the airport. No operating runway, taxiway, or air operations area (AOA) shall be crossed, entered, or obstructed while it is operational. The Contractor shall plan and coordinate work in accordance with the approved CSPP and SPCD.

END OF SECTION 80

SECTION 90 – MEASUREMENT AND PAYMENT

90-01 Measurement of quantities. All work completed under the contract will be measured by the RPR, or their authorized representatives, using United States Customary Units of Measurement

The method of measurement and computations to be used in determination of quantities of material furnished and of work performed under the contract will be those methods generally recognized as conforming to good engineering practice.

Unless otherwise specified, longitudinal measurements for area computations will be made horizontally, and no deductions will be made for individual fixtures (or leave-outs) having an area of 9 square feet (0.8 square meters) or less. Unless otherwise specified, transverse measurements for area computations will be the neat dimensions shown on the plans or ordered in writing by the RPR.

Unless otherwise specified, all contract items which are measured by the linear foot such as electrical ducts, conduits, pipe culverts, underdrains, and similar items shall be measured parallel to the base or foundation upon which such items are placed.

The term "lump sum" when used as an item of payment will mean complete payment for the work described in the contract. When a complete structure or structural unit (in effect, "lump sum" work) is specified as the unit of measurement, the unit will be construed to include all necessary fittings and accessories.

When requested by the Contractor and approved by the RPR in writing, material specified to be measured by the cubic yard (cubic meter) may be weighed, and such weights will be converted to cubic yards (cubic meters) for payment purposes. Factors for conversion from weight measurement to volume measurement will be determined by the RPR and shall be agreed to by the Contractor before such method of measurement of pay quantities is used.

Measurement and Payment Terms

Term	Description
Excavation and Embankment Volume	In computing volumes of excavation, the average end area method will be used unless otherwise specified.
Measurement and Proportion by Weight	The term "ton" will mean the short ton consisting of 2,000 pounds (907 kg) avoirdupois. All materials that are measured or proportioned by weights shall be weighed on accurate, independently certified scales by competent, qualified personnel at locations designated by the RPR. If material is shipped by rail, the car weight may be accepted provided that only the actual weight of material is paid for. However, car weights will not be acceptable for material to be passed through mixing plants. Trucks used to haul material being paid for by weight shall be weighed empty daily at such times as the RPR directs, and each truck shall bear a plainly legible identification mark.
Measurement by Volume	Materials to be measured by volume in the hauling vehicle shall be hauled in approved vehicles and measured therein at the point of delivery. Vehicles for this purpose may be of any size or type acceptable for the materials hauled, provided that the body is of such shape that the actual contents may be readily and accurately determined. All vehicles shall be loaded to at least their water level capacity, and all loads shall be leveled when the vehicles arrive at the point of delivery.

Term	Description
Asphalt Material	Asphalt materials will be measured by the gallon (liter) or ton (kg). When measured by volume, such volumes will be measured at 60°F (16°C) or will be corrected to the volume at 60°F (16°C) using ASTM D1250 for asphalts. Net certified scale weights or weights based on certified volumes in the case of rail shipments will be used as a basis of measurement, subject to correction when asphalt material has been lost from the car or the distributor, wasted, or otherwise not incorporated in the work. When asphalt materials are shipped by truck or transport, net certified weights by volume, subject to correction for loss or foaming, will be used for computing quantities.
Cement	Cement will be measured by the ton (kg) or hundredweight (km).
Structure	Structures will be measured according to neat lines shown on the plans or as altered to fit field conditions.
Timber	Timber will be measured by the thousand feet board measure (MFBM) actually incorporated in the structure. Measurement will be based on nominal widths and thicknesses and the extreme length of each piece.
Plates and Sheets	The thickness of plates and galvanized sheet used in the manufacture of corrugated metal pipe, metal plate pipe culverts and arches, and metal cribbing will be specified and measured in decimal fraction of inch.
Miscellaneous Items	When standard manufactured items are specified such as fence, wire, plates, rolled shapes, pipe conduit, etc., and these items are identified by gauge, unit weight, section dimensions, etc., such identification will be considered to be nominal weights or dimensions. Unless more stringently controlled by tolerances in cited specifications, manufacturing tolerances established by the industries involved will be accepted.
Scales	<p>Scales must be tested for accuracy and serviced before use. Scales for weighing materials which are required to be proportioned or measured and paid for by weight shall be furnished, erected, and maintained by the Contractor, or be certified permanently installed commercial scales. Platform scales shall be installed and maintained with the platform level and rigid bulkheads at each end.</p> <p>Scales shall be accurate within 0.5% of the correct weight throughout the range of use. The Contractor shall have the scales checked under the observation of the RPR before beginning work and at such other times as requested. The intervals shall be uniform in spacing throughout the graduated or marked length of the beam or dial and shall not exceed 0.1% of the nominal rated capacity of the scale, but not less than one pound (454 grams). The use of spring balances will not be permitted.</p> <p>In the event inspection reveals the scales have been "overweighing" (indicating more than correct weight) they will be immediately adjusted. All materials received subsequent to the last previous correct weighting-accuracy test will be reduced by the percentage of error in excess of 0.5%.</p> <p>In the event inspection reveals the scales have been under-weighing (indicating less than correct weight), they shall be immediately adjusted. No additional payment to the Contractor will be allowed for materials previously weighed and recorded.</p> <p>Beams, dials, platforms, and other scale equipment shall be so arranged that the operator and the RPR can safely and conveniently view them.</p>

	<p>Scale installations shall have available ten standard 50-pound (2.3 km) weights for testing the weighing equipment or suitable weights and devices for other approved equipment.</p> <p>All costs in connection with furnishing, installing, certifying, testing, and maintaining scales; for furnishing check weights and scale house; and for all other items specified in this subsection, for the weighing of materials for proportioning or payment, shall be included in the unit contract prices for the various items of the project.</p>
Rental Equipment	<p>Rental of equipment will be measured by time in hours of actual working time and necessary traveling time of the equipment within the limits of the work.</p> <p>Special equipment ordered in connection with extra work will be measured as agreed in the change order or supplemental agreement authorizing such work as provided in paragraph 90-05 Payment for Extra Work.</p>
Pay Quantities	<p>When the estimated quantities for a specific portion of the work are designated as the pay quantities in the contract, they shall be the final quantities for which payment for such specific portion of the work will be made, unless the dimensions of said portions of the work shown on the plans are revised by the RPR. If revised dimensions result in an increase or decrease in the quantities of such work, the final quantities for payment will be revised in the amount represented by the authorized changes in the dimensions.</p>

90-02 Scope of payment. The Contractor shall receive and accept compensation provided for in the contract as full payment for furnishing all materials, for performing all work under the contract in a complete and acceptable manner, and for all risk, loss, damage, or expense of whatever character arising out of the nature of the work or the execution thereof, subject to the provisions of Section 70, paragraph 70-18, No Waiver of Legal Rights.

When the "basis of payment" subsection of a technical specification requires that the contract price (price bid) include compensation for certain work or material essential to the item, this same work or material will not also be measured for payment under any other contract item which may appear elsewhere in the contract, plans, or specifications.

90-03 Compensation for altered quantities. When the accepted quantities of work vary from the quantities in the proposal, the Contractor shall accept as payment in full, so far as contract items are concerned, payment at the original contract price for the accepted quantities of work actually completed and accepted. No allowance, except as provided for in Section 40, paragraph 40-02, Alteration of Work and Quantities, will be made for any increased expense, loss of expected reimbursement, or loss of anticipated profits suffered or claimed by the Contractor which results directly from such alterations or indirectly from their own unbalanced allocation of overhead and profit among the contract items, or from any other cause.

90-04 Payment for omitted items. As specified in Section 40, paragraph 40-03, Omitted Items, the RPR shall have the right to omit from the work (order nonperformance) any contract item, except major contract items, in the best interest of the Owner.

Should the RPR omit or order nonperformance of a contract item or portion of such item from the work, the Contractor shall accept payment in full at the contract prices for any work actually completed and acceptable prior

to the RPR's order to omit or non-perform such contract item.

Acceptable materials ordered by the Contractor or delivered on the work prior to the date of the RPR's order will be paid for at the actual cost to the Contractor and shall thereupon become the property of the Owner.

In addition to the reimbursement hereinbefore provided, the Contractor shall be reimbursed for all actual costs incurred for the purpose of performing the omitted contract item prior to the date of the RPR's order. Such additional costs incurred by the Contractor must be directly related to the deleted contract item and shall be supported by certified statements by the Contractor as to the nature the amount of such costs.

90-05 Payment for extra work. Extra work, performed in accordance with Section 40, paragraph 40-04, Extra Work, will be paid for at the contract prices or agreed prices specified in the change order or supplemental agreement authorizing the extra work.

90-06 Partial payments. Partial payments will be made to the Contractor at least once each month as the work progresses. Said payments will be based upon estimates, prepared by the RPR, of the value of the work performed and materials complete and in place, in accordance with the contract, plans, and specifications. Such partial payments may also include the delivered actual cost of those materials stockpiled and stored in accordance with paragraph 90-07, Payment for Materials on Hand. No partial payment will be made when the amount due to the Contractor since the last estimate amounts to less than five hundred dollars.

- a. From the total of the amount determined to be payable on a partial payment, ten percent (5%) of such total amount will be deducted and retained by the Owner for protection of the Owner's interests. Unless otherwise instructed by the Owner, the amount retained by the Owner will be in effect until the final payment is made except as follows:
 - (1) Contractor may request release of retainage on work that has been partially accepted by the Owner in accordance with Section 50-14. Contractor must provide a certified invoice to the RPR that supports the value of retainage held by the Owner for partially accepted work.
 - (2) In lieu of retainage, the Contractor may exercise at its option the establishment of an escrow account per paragraph 90-08.
- b. In accordance with NCGS § 22C, the Contractor is required to pay subcontractors for satisfactory performance of their contracts within seven (7) calendar days after the Owner has paid the Contractor for such Work. The Contractor shall pay the undisputed portions of subcontractors' invoices no later than ninety (90) calendar days of the date of subcontractor's invoice, independent of any payment by the Owner to the Contractor. Additionally, the Contractor shall pay the undisputed portions of subcontractors' invoices no later than ninety (90) calendar days of the date of subcontractor's invoice, independent of any payment by the Owner to the Contractor. Contractor must provide the Owner evidence of prompt and full payment of retainage held by the prime Contractor to the subcontractor within 7 days after the subcontractor's work is satisfactorily completed. A subcontractor's work is satisfactorily completed when all the tasks called for in the subcontract have been accomplished and documented as required by the Owner. When the Owner has made an incremental acceptance of a portion of a prime contract, the work of a subcontractor covered by that acceptance is deemed to be satisfactorily completed. The Contractor's failure to pay subcontractors as provided herein shall be a material breach for which the Owner may cancel the Contract with payment only for work

performed due to the Contractor and with no payment for lost profits.

- c. When at least 95% of the work has been completed to the satisfaction of the RPR, the RPR shall, at the Owner's discretion and with the consent of the surety, prepare estimates of both the contract value and the cost of the remaining work to be done. The Owner may retain an amount not less than twice the contract value or estimated cost, whichever is greater, of the work remaining to be done. The remainder, less all previous payments and deductions, will then be certified for payment to the Contractor.

It is understood and agreed that the Contractor shall not be entitled to demand or receive partial payment based on quantities of work in excess of those provided in the proposal or covered by approved change orders or supplemental agreements, except when such excess quantities have been determined by the RPR to be a part of the final quantity for the item of work in question.

No partial payment shall bind the Owner to the acceptance of any materials or work in place as to quality or quantity. All partial payments are subject to correction at the time of final payment as provided in paragraph 90-09, *Acceptance and Final Payment*.

0% interest shall be the maximum rate charged the Owner for any late payment and there shall be no interest penalties assessed against the Owner.

The Contractor shall deliver to the Owner a complete release of all claims for labor and material arising out of this contract before the final payment is made. If any subcontractor or supplier fails to furnish such a release in full, the Contractor may furnish a bond or other collateral satisfactory to the Owner to indemnify the Owner against any potential lien or other such claim. The bond or collateral shall include all costs, expenses, and attorney fees the Owner may be compelled to pay in discharging any such lien or claim.

90-07 Payment for materials on hand. Partial payments may be made to the extent of the delivered cost of materials to be incorporated in the work, provided that such materials meet the requirements of the contract, plans, and specifications and are delivered to acceptable sites on the airport property or at other sites in the vicinity that are acceptable to the Owner.

Request for payment of stored or stockpiled materials must meet the following conditions to qualify for early payment:

- a. The delivered cost of the materials requested exceeds **\$50,000**.
- b. The material is not scheduled to be incorporated into the Work within sixty (60) days.

Prior to including delivered costs of stored or stockpiled materials in a request for partial payment, the Contractor must meet the following conditions:

The Contractor has received written approval from the Owner to request payment for materials on hand.

The material has been stored or stockpiled in a manner acceptable to the RPR at or on an approved site.

The Contractor has furnished the Owner with an inventory schedule detailing the specific type of stored materials for which payment is requested, including but not limited to, quantities, types and sizes. The inventory schedule identifies the associated contract scope or pay item under which the stored materials will be installed.

The Contractor has furnished the Owner with satisfactory evidence that the material and transportation costs have been paid.

The Contractor has furnished the Owner legal title (free of liens or encumbrances of any kind) to the material stored or stockpiled.

The Contractor has furnished the Owner evidence that the material stored or stockpiled is insured against loss by damage to or disappearance of such materials at any time prior to use in the work.

It is understood and agreed that the transfer of title and the Owner's payment for such stored or stockpiled materials shall in no way relieve the Contractor of their responsibility for furnishing and placing such materials in accordance with the requirements of the contract, plans, and specifications.

In no case will the amount of partial payments for materials on hand exceed the contract price for such materials or the contract price for the contract item in which the material is intended to be used.

No partial payment will be made for stored or stockpiled living or perishable plant materials.

Payment for materials on hand shall be applied against the associated contract scope or pay item. The Contractor's progress payment for the contract scope or pay item will be withheld until the value of the Work exceeds the material payment previously made.

The Contractor shall bear all costs associated with the partial payment of stored or stockpiled materials in accordance with the provisions of Section 90-07.

90-08 Payment of withheld funds. At the Contractor's option, if an Owner withholds retainage in accordance with the methods described in paragraph 90-06 Partial Payments, the Contractor may request that the Owner deposit the retainage into an escrow account. The Owner's deposit of retainage into an escrow account is subject to the following conditions:

- a. The Contractor shall bear all expenses of establishing and maintaining an escrow account and escrow agreement acceptable to the Owner.
- b. The Contractor shall deposit to and maintain in such escrow only those securities or bank certificates of deposit as are acceptable to the Owner and having a value not less than the retainage that would otherwise be withheld from partial payment.
- c. The Contractor shall enter into an escrow agreement satisfactory to the Owner.
- d. The Contractor shall obtain the written consent of the surety to such agreement.
- e. The Owner shall be entitled to any interest that the escrow account may earn on any and all monies deposited therein until such monies are due to be released to the Contractor in accordance with this Agreement.

90-09 Acceptance and final payment. When the contract work has been accepted in accordance with the requirements of Section 50, paragraph 50-15, Final Acceptance, the RPR will prepare the final estimate of the items of work actually performed. The Contractor shall approve the RPR's final estimate or advise the RPR of the Contractor's objections to the final estimate which are based on disputes in measurements or computations of the final quantities to be paid under the contract as amended by change order or supplemental agreement. The Contractor and the RPR shall resolve all disputes (if any) in the measurement and computation of final quantities to be paid within 30 calendar days of the Contractor's receipt of the RPR's final estimate. If, after such 30-day period, a dispute still exists, the Contractor may approve the RPR's estimate under protest of the quantities in dispute, and such disputed quantities shall be considered by the Owner as a claim in accordance with Section 50, paragraph 50-16, Claims for Adjustment and Disputes.

After the Contractor has approved, or approved under protest, the RPR's final estimate, and after the RPR's receipt of the project closeout documentation required in paragraph 90-11, Contractor Final Project Documentation, final payment will be processed based on the entire sum, or the undisputed sum in case of approval under protest, determined to be due the Contractor less all previous payments and all amounts to be deducted under the provisions of the contract. All prior partial estimates and payments shall be subject to correction in the final estimate and payment.

If the Contractor has filed a claim for additional compensation under the provisions of Section 50, paragraph 50-16, Claims for Adjustments and Disputes, or under the provisions of this paragraph, such claims will be considered by the Owner in accordance with local laws or ordinances. Upon final adjudication of such claims, any additional payment determined to be due the Contractor will be paid pursuant to a supplemental final estimate.

90-10 Construction warranty.

- a. In addition to any other warranties in this contract, the Contractor warrants that work performed under this contract conforms to the contract requirements and is free of any defect in equipment, material, workmanship, or design furnished, or performed by the Contractor or any subcontractor or supplier at any tier.
- b. This warranty shall continue for a period of one year from the date of final acceptance of the work, except as noted. If the Owner takes possession of any part of the work before final acceptance, this warranty shall continue for a period of one year from the date the Owner takes possession. However, this will not relieve the Contractor from corrective items required by the final acceptance of the project work. Light Emitting Diode emitting diode (LED) light fixtures with the exception of obstruction lighting, must be warranted by the manufacturer for a minimum of five (5) years after date of installation inclusive of all electronics.
- c. The Contractor shall remedy at the Contractor's expense any failure to conform, or any defect. In addition, the Contractor shall remedy at the Contractor's expense any damage to Owner real or personal property, when that damage is the result of the Contractor's failure to conform to contract requirements; or any defect of equipment, material, workmanship, or design furnished by the Contractor.
- d. The Contractor shall restore any work damaged in fulfilling the terms and conditions of this clause. The Contractor's warranty with respect to work repaired or replaced will run for one year from the date of repair or replacement.
- e. The Owner will notify the Contractor, in writing, within seven (7) days after the discovery of any failure, defect, or damage.
- f. If the Contractor fails to remedy any failure, defect, or damage within 14 days after receipt of notice, the Owner shall have the right to replace, repair, or otherwise remedy the failure, defect, or damage at the Contractor's expense.
- g. With respect to all warranties, express or implied, from subcontractors, manufacturers, or suppliers for work performed and materials furnished under this contract, the Contractor shall: (1) Obtain all warranties that would be given in normal commercial practice; (2) Require all warranties to be executed, in writing, for the benefit of the Owner, as directed by the Owner, and (3) Enforce all warranties for the benefit of the Owner.
- h. This warranty shall not limit the Owner's rights with respect to latent defects, gross mistakes, or fraud.

90-11 Contractor Final Project Documentation. Approval of final payment to the Contractor is contingent upon completion and submittal of the items listed below. The final payment will not be approved until the RPR approves the Contractor's final submittal. The Contractor shall:

- a. Provide two (2) copies of all manufacturer's warranties specified for materials, equipment, and installations.

- b. Provide weekly payroll records (not previously received) from the general Contractor and all subcontractors.
- c. Complete final cleanup in accordance with Section 40, paragraph 40-08, Final Cleanup.
- d. Complete all punch list items identified during the Final Inspection.
- e. Provide complete release of all claims for labor and material arising out of the Contract.
- f. Provide a certified statement signed by the subcontractors, indicating actual amounts paid to the Disadvantaged Business Enterprise (DBE) subcontractors and/or suppliers associated with the project.
- g. When applicable per state requirements, return copies of sales tax completion forms.
- h. Manufacturer's certifications for all items incorporated in the work.
- i. All required record drawings, as-built drawings or as-constructed drawings.
- j. Project Operation and Maintenance (O&M) Manual(s).
- k. Security for Construction Warranty.
- l. Equipment commissioning documentation submitted, if required.

END OF SECTION 90

C. SPECIAL CONDITIONS FOR NON-FEDERAL PROJECTS

1. GENERAL WORK CONSTRAINTS.

The Contractor shall note that the Airport is in operation 24 hours per day, 7 days per week. Because of this, the Contractor shall plan and execute all construction activities, movement of materials, personnel and equipment, demolition of existing property, so as to not impede any operations of the Airport or public, such as the movement of vehicles, foot traffic, aircraft or emergency vehicles. Airport operations take precedence over all other activities.

- A. Airport operations take precedence over all other operations when on the **Airport Operations Area (AOA)**. To assure the safe operation of aircraft, safety of passengers and employees, the Contractor may be asked to work other than normal working hours to minimize impact to daily operations. This shall be anticipated whenever construction occurs on the AOA, unless construction fencing and barricades surround the project. The Contractor shall take this into consideration, and no additional costs will be borne by the Owner for this constraint.
- B. Some work will be within the AOA and will take place adjacent to moving vehicles. Contractor shall give way to all air traffic. All vehicles and equipment shall remain inside the Contractor's work area.
- C. The Contractor shall be responsible for repairs to any paved or unpaved areas within the AOA that are damaged by the Contractor's construction operations.
- D. The Owner reserves the right to suspend any or all Contractor construction for periods of time as may be required for aircraft operations or weather emergencies.

- E. All Work to be performed in the AOA must be accomplished under FAA, TSA and Airport rules, regulations and restrictions.
- F. Contractor shall be responsible for maintaining continuity of lighting on operational runways, taxiways or aprons, even if this requires temporary wiring to be installed by the Contractor as part of the Work.
- G. No smoking is permitted on the AOA. No open flame without specific Owner approval will be allowed on the Airport.
- H. The Contractor is responsible for installing safety fencing to contain Contractor's work operations when on the AOA. A four-foot high, orange fabric fence will be acceptable for this purpose. All temporary work areas within the AOA shall be properly barricaded and weighted so as not to be moved about in a high wind. If barricades cross all or a portion of apron, taxiway or runway, barricades shall be spaced at ten (10) foot centers and have flashing yellow lights for nighttime visibility. Contractor is responsible for all other necessary barricading to protect persons and property.
- I. The Contractor may be required to perform Work during nighttime hours, requiring adequate lighting. The Owner prior to installation shall approve lights in an effort to prevent impact to air traffic operations.
- J. Within a construction area, the Contractor shall make certain there is never any accumulation of spoil or debris which might be moved outside the fenced area by wind or jet blast from aircraft. The Contractor shall maintain the area in this condition on a continuous basis and shall leave the entire work area clean at the end of each work shift.
- K. Contractor's work cranes will be allowed in the Contractor's work area, only as approved by the Owner. The Contractor shall comply with FAA Advisory Circular AC 70/7460-1 by providing necessary crane information to the Owner in advance of crane arrival and erection. The Owner will then submit Form 7460-1 for FAA approval.
- L. All trucks delivering, removing, or moving bulk materials about the Contractor's work area shall be fully covered to eliminate any material or dust blowing from the truck.

2. SAFETY AND CONSTRUCTION ACTIVITY AND AIRCRAFT MOVEMENTS.

- A. During the time that the Contractor is performing the work under this contract, the existing terminal ramps, taxiways, and runways at the Airport will remain in use by aircraft, except as provided herein. To the extent feasible and convenient, in the discretion of the Owner and to the extent permitted by the Federal Aviation Administration (FAA), the use by aircraft of runways and taxiways adjacent to areas where the Contractor is working will be scheduled so as to reduce disturbance to the Contractor's operations. Aircraft operations, unless otherwise specified in the Contract Documents shall always have priority over any and all of the Contractor's operations, and the Contractor shall not allow his employees, subcontractors, material suppliers, or any other persons over whom he has control to enter or remain upon any part of the Airport or allow any plant or materials to be brought or to remain upon any part of the Airport which, in the opinion of the Owner, would be a hazardous location. Should ramps, runways, or taxiways be required for use by aircraft, and should the Owner deem the Contractor to be too close to any portion of the ramps, runways or taxiways used by aircraft for safety, Owner may, in his sole discretion, order the Contractor to suspend his operations; remove his personnel, plant, equipment, and materials to a safe distance; and stand by until the ramps, runways and taxiways are no longer required for use by aircraft.

The Contractor shall not allow his/her employees, subcontractors, material suppliers, or any other persons under the Contractor's control to cross any active runway without an escort by authorized Airport personnel. The Contractor will be subject to a fine of up to \$10,000 for any incursion on a runway or taxiway by such person under the Contractor's control.

- B. Construction Activity in The Vicinity of Navigational Aids. Construction activity in the vicinity of the FAA navigational aids (i.e., ILS, VOR, ASR, ATCT) requires special consideration and poses potential constraints. Prospective bidders shall be alerted to this fact by the incorporating language requiring close coordination with the local Airway Facilities Sector and Airport staff as a condition of bid.
- C. Additional Safety Requirements. The Contractor will adhere to the following requirements when working in close proximity to aircraft:
1. Brief each equipment and vehicle operator to thoroughly acquaint him with the absolute necessity of exercising discretion, care and proper judgment while in the vicinity of aircraft operations.
 2. Assist the Owner and Airport security in monitoring the conduct of each operator.
 3. Require all operators to maintain a safe and reasonable speed and to utilize equipment strictly in accordance with prevailing weather conditions.
 4. At the direction of the Owner, dismiss from the Project any person operating unauthorized vehicles or equipment in an unauthorized area, or operating vehicles or equipment in a reckless and unreasonable manner.
 5. The Contractor shall not allow trash or debris to accumulate in his work or operations area. Extreme caution will be taken to keep all trash and debris from taxiways, runways, and ramp areas.
 6. The Contractor shall not allow his vehicles or equipment to be operated within 180 feet of the centerline of an active taxiway or within 250 feet of the centerline of an active runway, unless they are using a designated haul route in accordance with Contract Documents, and have the express consent of the Owner.
 7. Immediately cease and remove his operations from any operations or work area at any time he is instructed to do so by the Owner or the FAA. These instructions will be issued by radio or other means, if appropriate. The Contractor shall not return operations to the area until he has received permission to do so from the Owner.
 8. Contractor shall provide, erect, and maintain all necessary barricades, signs, danger signals, and lights for the protection of the work and the safety of the public for both land and air traffic. Obstructions shall be illuminated as required by the Owner.
- D. Marking of Required Clearances. The Contractor will establish a system of visual aids for marking and delineating the limits of required clearances adjacent to active runways, taxiways, and NAVAIDS during the process of construction set forth in the Contract. The system shall be easily distinguishable during both day and nighttime work. A detailed plan of materials and procedures the Contractor proposes to use will be submitted to the Owner for approval prior to the start of any work under this Contract. Any deviations from the plan must be requested and approved by the Owner. The Owner may request changes to the established plan whenever it is necessary for the protection of Airport operations. The approved system of marking and delineation shall be installed, maintained, and protected at all times.

3. FEDERAL FINES

The Contractor agrees to accept and reimburse City for any fines levied against the Owner by the Federal Aviation Administration, Transportation Security Agency or any other federal department or agency for any violation of any federal law, regulation, rule or order by the Contractor and its employees or any of the Contractor's subcontractors, vendors, suppliers and agents and their employees.

4. TEMPORARY FACILITIES

- A. Description. Contractor shall furnish, install and maintain temporary facilities required for construction, including temporary utilities as needed.
- B. Requirements of Regulator Agencies. Contractor shall comply with Federal, State, and Local laws, codes and regulations including without limitation utility company requirements and the National Electric Code. Contractor shall acquire all necessary permits for any temporary facilities or utilities.
- C. Temporary Electricity and Lighting. Contractor shall provide temporary electrical service required for power and lighting, and pay all costs for service and for power used.
- D. Temporary Water. Contractor shall provide water for construction purposes; pay all costs for installation, maintenance and removal, and service charges for water used. The Contractor shall make arrangements for securing and providing necessary water as required for the performance of the work.
- E. Temporary Sanitary Facilities. Contractor shall provide sanitary facilities in compliance with laws and regulations, and shall service, clean and maintain the facilities and enclosures as required.
- F. Temporary Support Facilities.
 - 1. General: Contractor shall provide and maintain temporary support facilities in neat condition and uniform appearance that is reasonably acceptable to the Engineer and the Owner.
 - 2. Siting: Contractor shall locate field offices, storage and fabrication sheds and other support facilities for easy access to the work, in locations approved by City.
 - 3. Maintenance: Contractor shall maintain field offices, on-site plants, storage and fabrication sheds, temporary sanitary facilities, waste collection and disposal systems, and project identification and temporary signs until project completion.
 - 4. Staging Area: Contractor shall prepare his staging area and access road by grading, drainage, and placing a four (4) inch minimum thickness stone base of coarse aggregate (#57 stone) over the entire staging area and access road(s). The Contractor shall apply a periodic top dressing to the stone base in order to minimize any fugitive dust or mud during the construction period. Upon completion of the project, the stone base shall be completely removed, the site graded to drain, and then seeded and mulched in accordance with Item T-901 and T-908.
 - 5. Access and Haul Roads:
 - a. Locations of access and haul roads will be approved by the Owner. These roads will be located to minimize conflict with Airport operations and shall be maintained, well defined, and confined to the minimum area required. All roads used to access the site that are damaged by the Contractor's operations shall be promptly repaired at no cost by the Contractor to the satisfaction of the Owner.

- b. The Contractor shall utilize existing or construct new access and haul roads as needed and shall maintain the roads as required to create no dust. All project traffic must be routed through these areas. The Contractor shall provide all markings required to clearly define the access and haul roads.
 - c. The Contractor will be responsible for obtaining any necessary driveway permit(s) from local or state agencies for access and haul roads.
 - d. If access or haul roads cross utility lines, power lines, FAA cables, etc., the Contractor shall protect these features as directed by the Owner.
6. Facilities for Night Work: To perform construction activities at night, Contractor shall furnish, install and maintain temporary construction lights to illuminate night work areas during hours of darkness. The equipment used for lighting shall provide a sufficient amount of light to illuminate the work areas satisfactorily for construction and inspection. The Contractor may be required to provide additional lighting units, as directed by the Owner. Upon completion of each nighttime operation, the lighting equipment shall be removed from the construction area and stored in the Contractor's storage area.
- The Contractor will be required to coordinate lighting positions with Air Traffic Control (ATC) prior to any night work. This coordination will be accomplished and requested through the Owner/Engineer.
7. Removal. The Contractor shall completely remove temporary facilities, materials and equipment when their use is no longer required or the Project is complete. The Contractor shall clean and repair damage caused by temporary installations or use of temporary facilities and restore grassed and paved areas to their pre-construction condition.

D. INDEMNITY AND INSURANCE

1. Indemnity

The Contractor shall indemnify, defend and hold harmless the Owner and the Owner's public officials, officers, agents and employees from and against any and all claims, losses, damages, obligations, liabilities and expenses, including but not limited to attorneys' fees and settlement amounts, arising out of or resulting from, or alleged to arise out of or result from, Contractor's performance under this Contract, including without limitation negligent acts or omissions or willful misconduct, except to the extent that the claims, losses, damages, obligations, liabilities and expenses are caused by the negligence or willful misconduct of the Owner or the Owner's public officials, officers, agents and employees. Such liabilities shall include those arising from a violation of any federal, state or local law, regulation or ordinance by the Contractor or any of its subcontractors. Contractor shall purchase insurance, as described in Section 2.A below, which shall include coverage for the contractual liability described herein. In any case in which Contractor provides a defense to the Owner pursuant to this indemnity, the defense will be provided by attorneys reasonably acceptable to the Owner. This provision shall survive the expiration or early termination of the Contract.

2. Insurance

Throughout the term of this Contract, the Contractor and any of its subcontractors will comply with the insurance requirements described in this section. The Contractor shall also provide any other insurance specifically recommended in writing by the Owner. In the event that the Contractor fails to maintain required insurance, the Owner shall be entitled to terminate or suspend the Contract immediately. The Contractor agrees to purchase and maintain the following insurance coverage during the life of the Contract:

- A. Commercial General Liability Insurance. Contractor shall maintain in force during the term of this Contract commercial general liability insurance, in an amount acceptable to Owner but no less than One Million Dollars (\$1,000,000) per occurrence, unless the Project is on the Air Operations Area, in which case the minimum coverage is Five Million Dollars (\$5,000,000). This insurance shall include coverage for products/completed operations, bodily injury, personal injury, property damage and the contractual liability assumed under the indemnity provision of the Contract. The policy shall be occurrence-based and name the Owner as an additional insured.
- B. Vehicle Liability Insurance. Contractor shall maintain in force during the term of this Contract liability insurance covering the operations of Contractors' owned, non-owned and hired automobiles and other ground vehicles at the Airport, for limits satisfactory to Owner but not less than One Million Dollars (\$1,000,000) bodily injury and property damage each occurrence, unless the Project is on the Air Operations Area, in which case the minimum coverage is Five Million Dollars (\$5,000,000). The policy shall be occurrence-based and name the Owner as an additional insured.
- C. Worker's Compensation and Employer's Liability Insurance. Contractor shall maintain worker's compensation and employer's liability insurance in the amounts and form required by the laws of the State of North Carolina.

The Owner shall be listed as an additional insured under the commercial general liability insurance for operations or services rendered under this Contract.

The Contractor shall not commence any work in connection with the resulting Contract until it has obtained all of the types of insurance set forth in this section and furnished the Owner with proof of insurance coverage by certificates of insurance accompanying the Contract. The Contractor shall be responsible for notifying the Owner of any material changes (including renewals) to or cancellation of the insurance coverages required above. The Contractor must give notice in writing to the Owner within 48 hours of the changes.

The Contractor shall not allow any subcontractor to commence work until all such subcontractors have obtained the same insurance coverage as described above.

All insurance policies shall be written by insurers qualified to do business in the State of North Carolina. If any of the coverage conditions are met by a program of self-insurance, the Contractor must submit evidence of the right to self-insure as provided by the State of North Carolina.

The Owner shall be exempt from, and in no way liable for any sums of money that may represent a deductible or self-insured retention in any insurance policy. The payment of the deductible/retention shall be the sole responsibility of the Contractor and/or subcontractor.

The Contractor's insurance shall be primary of any self-funding and/or insurance otherwise carried by the Owner for all loss or damages arising from the Contractor's operations under this Contract. The Contractor and each of its subcontractors shall and does waive all rights of subrogation against the Owner and each of the Indemnitees.

E. FEDERAL REQUIREMENTS

1. GENERAL CIVIL RIGHTS PROVISIONS

In all its activities within the scope of its airport program, the Contractor agrees to comply with pertinent statutes, Executive Orders and such rules as identified in Title VI List of Pertinent Nondiscrimination Acts and Authorities to ensure that no person shall, on the grounds of race, color, national origin (including limited English proficiency), creed, sex (including sexual orientation and gender identity), age, or disability be excluded from participating in any activity conducted with or benefiting from Federal assistance.

This provision is in addition to that required by Title VI of the Civil Rights Act of 1964.

The above provision binds the Contractor and subcontractors from the bid solicitation period through the completion of the contract.

2. CIVIL RIGHTS – TITLE VI ASSURANCES

A. TITLE VI SOLICITATION NOTICE

The Owner, in accordance with the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252, 42 USC §§ 2000d to 2000d-4) and the Regulations, hereby notifies all bidders or offerors that it will affirmatively ensure that for any contract entered into pursuant to this advertisement, businesses will be afforded full and fair opportunity to submit bids in response to this invitation and no businesses will be discriminated against on the grounds of race, color, national origin (including limited English proficiency), creed, sex (including sexual orientation and gender identity), age, or disability in consideration for an award.

B. TITLE VI LIST OF PERTINENT NONDISCRIMINATION ACTS AND AUTHORITIES

During the performance of this contract, the Contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the “Contractor”) agrees to comply with the following non-discrimination statutes and authorities; including but not limited to:

- Title VI of the Civil Rights Act of 1964 (42 USC § 2000d *et seq.*, 78 stat. 252) (prohibits discrimination on the basis of race, color, national origin);
- 49 CFR part 21 (Non-discrimination in Federally-Assisted programs of the Department of Transportation—Effectuation of Title VI of the Civil Rights Act of 1964);
- The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 USC § 4601) (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);
- Section 504 of the Rehabilitation Act of 1973 (29 USC § 794 *et seq.*), as amended (prohibits discrimination on the basis of disability); and 49 CFR part 27 (Nondiscrimination on the Basis of Disability in Programs or Activities Receiving Federal Financial Assistance);
- The Age Discrimination Act of 1975, as amended (42 USC § 6101 *et seq.*) (prohibits discrimination on the basis of age);
- Airport and Airway Improvement Act of 1982 (49 USC § 47123), as amended (prohibits discrimination based on race, creed, color, national origin, or sex);
- The Civil Rights Restoration Act of 1987 (PL 100-259) (broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, the Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms “programs or activities” to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not);

- Titles II and III of the Americans with Disabilities Act of 1990 (42 USC § 12101, et seq) (prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities) as implemented by U.S. Department of Transportation regulations at 49 CFR parts 37 and 38;
- The Federal Aviation Administration's Nondiscrimination statute (49 USC § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex);
- Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations (ensures nondiscrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations);
- Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs [70 Fed. Reg. 74087 (2005)];
- Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 USC § 1681, et seq).

C. COMPLIANCE WITH NONDISCRIMINATION REQUIREMENTS

During the performance of this contract, the Contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "Contractor"), agrees as follows:

1. **Compliance with Regulations:** The Contractor (hereinafter includes consultants) will comply with the Title VI List of Pertinent Nondiscrimination Acts and Authorities, as they may be amended from time to time, which are herein incorporated by reference and made a part of this contract.
2. **Nondiscrimination:** The Contractor, with regard to the work performed by it during the contract, will not discriminate on the grounds of race, color, national origin (including limited English proficiency), creed, sex (including sexual orientation and gender identity), age, or disability in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The Contractor will not participate directly or indirectly in the discrimination prohibited by the Nondiscrimination Acts and Authorities, including employment practices when the contract covers any activity, project, or program set forth in Appendix B of 49 CFR part 21.
3. **Solicitations for Subcontracts, including Procurements of Materials and Equipment:** In all solicitations, either by competitive bidding or negotiation made by the Contractor for work to be performed under a subcontract, including procurements of materials, or leases of equipment, each potential subcontractor or supplier will be notified by the Contractor of the contractor's obligations under this contract and the Nondiscrimination Acts and Authorities on the grounds of race, color, or national origin.
4. **Information and Reports:** The Contractor will provide all information and reports required by the Acts, the Regulations, and directives issued pursuant thereto and will permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the Sponsor or the Federal Aviation Administration to be pertinent to ascertain compliance with such Nondiscrimination Acts and Authorities and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish the information, the Contractor will so certify to the Sponsor or the Federal Aviation Administration, as appropriate, and will set forth what efforts it has made to obtain the information.

5. **Sanctions for Noncompliance:** In the event of a Contractor's noncompliance with the non-discrimination provisions of this contract, the Sponsor will impose such contract sanctions as it or the Federal Aviation Administration may determine to be appropriate, including, but not limited to:
 - a. Withholding payments to the Contractor under the contract until the Contractor complies; and/or
 - b. Cancelling, terminating, or suspending a contract, in whole or in part.
6. **Incorporation of Provisions:** The Contractor will include the provisions of paragraphs one through six in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Acts, the Regulations, and directives issued pursuant thereto. The Contractor will take action with respect to any subcontract or procurement as the Sponsor or the Federal Aviation Administration may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, that if the Contractor becomes involved in, or is threatened with litigation by a subcontractor, or supplier because of such direction, the Contractor may request the Sponsor to enter into any litigation to protect the interests of the Sponsor. In addition, the Contractor may request the United States to enter into the litigation to protect the interests of the United States.

3. FAIR LABOR STANDARDS ACT

All contracts and subcontracts that result from this solicitation incorporate by reference the provisions of 29 CFR part 201, the Federal Fair Labor Standards Act (FLSA), with the same force and effect as if given in full text. The FLSA sets minimum wage, overtime pay, recordkeeping, and child labor standards for full and part time workers. The Contractor has full responsibility to monitor compliance to the referenced statute or regulation. The Contractor must address any claims or disputes that arise from this requirement directly with the U.S. Department of Labor – Wage and Hour Division.

4. OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970

All contracts and subcontracts that result from this solicitation incorporate by reference the requirements of 29 CFR Part 1910 with the same force and effect as if given in full text. Contractor must provide a work environment that is free from recognized hazards that may cause death or serious physical harm to the employee. The Contractor retains full responsibility to monitor its compliance and their subcontractor's compliance with the applicable requirements of the Occupational Safety and Health Act of 1970 (20 CFR Part 1910). Contractor must address any claims or disputes that pertain to a referenced requirement directly with the U.S. Department of Labor – Occupational Safety and Health Administration.

F. CONTRACTOR'S AFFIDAVIT – RELEASE AND WAIVER OF CLAIMS

STATE OF: _____ **COUNTY OF:** _____

_____,
(Name) (Title)
_____, being first duly sworn, deposes and says that:
(Contractor)

1. The undersigned is authorized to execute this Affidavit, Release and Waiver of Claim on behalf of the Contractor and has personal knowledge of all facts set forth herein;

2. This Affidavit, Release and Waiver of Claim is made concerning the construction of the following project:

Project Name:

Project No.:

3. All payrolls, material bills, sales tax, social security tax, state and federal unemployment insurance, and all other liabilities and taxes owed by the Contractor and arising in any manner from the above-described project have been paid in full;

4. No claim or lien exists in favor of any supplier of materials or labor or in favor of any subcontractor furnishing materials or labor on the above-described project;

5. Notwithstanding the foregoing, if the City of Charlotte or property of the City of Charlotte is subject to any claim or lien which arises in any manner from the failure of the Contractor to pay any liability described above, the Contractor will indemnify and hold the City of Charlotte harmless for any amount which the City of Charlotte is required to pay to discharge such lien or settle such claim and further will pay the City of Charlotte's expenses, costs, and attorney fees incurred in connection therewith;

6. All claims, suits, and proceedings of every name, description, or nature arising out of the above project against the City of Charlotte, its officers, employees and agents have been settled;

7. The Contractor releases and waives any and all claims of every type and description which the Contractor may have against the City of Charlotte arising in any manner from the construction of the above-described project.

(Contractors Signature)

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

Signature of Notary _____

of _____ County

State of _____

My Commission _____

G. STATE/COUNTY SALES/USE TAX STATEMENT

PROJECT: _____

CONTRACTOR/ SUBCONTRACTOR: _____

PERIOD COVERED: _____ PAGE: _____ of _____

Invoice No.	Invoice Date	Vendor's Name	City Vendor No.	Amount Before Taxes	NC Tax	County Tax	Total Invoice Amount	County Paid
Subtotal (Page 1)					\$	\$	\$	\$
Plus total cost of material withdrawn from our warehouse stock								
Grand Total					\$	\$	\$	\$

I certify that the above listed vendors were paid sales tax upon purchases of building material during the period covered by the construction estimate, and the property upon which such taxes were paid with or will be used in the performance of this contract. No tax on purchases of tangible personal property purchased by such contractors for use in performing the contract which does not annex to, affix to, or in some manner become a part of the project, building, structure or repairs included in the above list.

Signed: _____

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

Signature of Notary Public _____

of _____ County

State of _____

My Commission Expires: _____

H. CHANGE ORDER FORM

DATE: _____
PROJECT NAME: _____
CONTRACTOR NAME: _____
ADDRESS: _____
VENDOR NUMBER: _____
CHANGE ORDER NUMBER: _____
CONTRACT NUMBER: _____

Description of Change

Item No.	Description	Cost (Addition/Deduction)

Financial Summary

Net Change for This Change Order	
Net Change by Previous Change Orders	
Original Contract Amount	
Adjusted Contract Amount	

Original Contract Contingency	
Contingency Used to Date	

Schedule Summary

Original Contract Time	
Contract Time Adjustments to Date	
Contract Time Adjustment for this Change Order	
Adjusted Contract Time	

This change order represents full and final settlement for time and money for the work set forth in this change order, including not only all direct costs of Contractor such as labor, material, job overhead, and profit markup but also any costs for modifications or changes in sequence of work to be performed, delays, rescheduling, disruptions, extended direct or general overhead, acceleration, material or other escalation which includes wages and other impact costs. The completion date, contract price and all other terms, covenants and conditions of the above referenced contract, except as duly modified by this and previous change orders, if any, remain in full force and effect.

[SIGNATURES APPEAR ON FOLLOWING PAGE]

ACCEPTED:

CONTRACTOR:

Name: _____

Signature: _____

Title: _____

Date: _____

OWNER:

Name: _____

Signature: _____

Title: _____

Date: _____

This instrument has been pre-audited in the manner required by the "Local Government Budget and Fiscal Control Act".

Finance Director

Date

NOTE: THIS FORM CHANGE ORDER IS PROVIDED FOR REFERENCE PURPOSES ONLY. THE OWNER RESERVES THE RIGHT TO MODIFY THE CHANGE ORDER FORMAT AS NECESSARY. UNLESS OTHERWISE INSTRUCTED BY OWNER, CONTRACTOR IS REQUIRED TO PROCESS ALL CHANGE ORDERS THROUGH E-BUILDER.

I. **CONTINGENCY AUTHORIZATION FORM**

DATE: _____
PROJECT NAME: _____
CONTRACTOR NAME: _____
ADDRESS: _____
VENDOR NUMBER: _____
CONTINGENCY AUTHORIZATION NUMBER: _____
CONTRACT NUMBER: _____

Description of Change

Item No.	Description	Cost (Addition/Deduction)

Financial Summary

Contingency Authorization Amount	
Original Contract Contingency	
Contract Contingency Spent To Date	
Contract Contingency Remaining	

Schedule Summary

Original Contract Time	
Contract Time Adjustments to Date	
Contract Time Adjustment for this Contingency Authorization	
Adjusted Contract Time	

This Contingency Authorization represents full and final settlement for time and money for the work set forth in this Contingency Authorization, including not only all direct costs of Contractor such as labor, material, job overhead, and profit markup but also any costs for modifications or changes in sequence of work to be performed, delays, rescheduling, disruptions, extended direct or general overhead, acceleration, material or other escalation which includes wages and other impact costs. The completion date, contract price and all other terms, covenants and conditions of the above referenced contract, except as duly modified by this and previous contingency authorizations and change orders, if any, remain in full force and effect.

[SIGNATURES APPEAR ON FOLLOWING PAGE]

ACCEPTED:

CONTRACTOR:

Name: _____

Signature: _____

Title: _____

Date: _____

OWNER:

Name: _____

Signature: _____

Title: _____

Date: _____

This instrument has been pre-audited in the manner required by the "Local Government Budget and Fiscal Control Act".

Finance Director

Date

NOTE: THIS FORM CONTINGENCY AUTHORIZATION IS PROVIDED FOR REFERENCE PURPOSES ONLY. THE OWNER RESERVES THE RIGHT TO MODIFY THE CONTINGENCY AUTHORIZATION FORMAT AS NECESSARY. UNLESS OTHERWISE INSTRUCTED BY OWNER, CONTRACTOR IS REQUIRED TO PROCESS ALL CONTINGENCY AUTHORIZATIONS THROUGH E-BUILDER.

J. DIGITAL CAD STANDARDS FOR AIRPORT PROJECTS (rev. 3.31.2016)

Contractor shall use and abide by the Airport's CAD standards. Information on applicable standards can be found at www.cltcadstandards.info.

V. CHARLOTTE BUSINESS INCLUSION PROGRAM

1. Charlotte Business Inclusion Program

This project is subject to the requirements of the Charlotte Business INclusion (CBI) Program. The City will negotiate a CBI goal with the selected firm. The Firm will be required to adhere to the CBI Program policy and should be familiar with the CBI Program Manual.

For this project, the CBI goal will be:

MBE 3%

SWBE 10%

Additional Information on the CBI Program can be found here: <http://www.charlottebusinessinclusion.com/>

2. Submission Requirement:

Bidders are required to complete and attach CBI Form 3: Subcontractor / Supplier Utilization Commitment to their submission to show how they expect to utilize CBI certified MWSBE firms on the Project.

A complete list of CBI firms can be found on the City of Charlotte's Supplier Diversity Management System website: <https://charlotte.diversitycompliance.com/>

In order to count toward the project goal, MWSBE firms must be certified with the City of Charlotte at the time of bid. For more information around certification requirements, please review the CBI Manual.

Contact:

Questions regarding the City's CBI Program should be directed to:

Claire Butler, Airport Business Diversity and Development Manager
P.O. Box 19066
Charlotte, NC 28219
Telephone: (980) 240-3844
Email: claire.butler@cltairport.com

3. CBI Program Background:

The Charlotte Business INclusion (CBI) Program seeks to enhance competition and participation of Minority, Women, and Small Business Enterprises (MWSBEs) in City contracting.

Leveraging the commitment of city leadership, CBI's goal is to be a national model in the business inclusion space. To accomplish this, all City departments have increasingly examined their procurements and set specific MWSBE participation goals on a contract-by-contract basis.

In addition, CBI makes a concerted effort to expand its certified MWSBE vendor pool and assist city-certified firms in growing, enhancing, and developing their businesses. CBI currently offers numerous development programs that support certified businesses in organizational training, strategic development, and networking opportunities.

4. APPLICATION:

The City's Charlotte Business INclusion (CBI) Policy is incorporated into and made a part of this solicitation and the resulting contract (the "Contract"). Copies of the CBI Policy and CBI Manual may be obtained by:

Internet: www.charlottebusinessinclusion.com

Mail: Charlotte Business INclusion Office
600 East Fourth Street, 9th Floor
Charlotte, North Carolina 28202

For this solicitation, where scopes of work are undefined prior to solicitation, CBI Policy requires that you provide prospective MWSBE utilization on the contract.

5. THE MWSBE UTILIZATION GOAL:

You must submit your proposed MWSBE utilization for this Contract on CBI Form 3 (Subcontractor/Supplier Utilization Commitment Form) listing subcontractors and suppliers that will be providing goods or services. CBI Form 3 MUST be submitted with your bid. Failure to submit CBI Form 3 with your bid shall constitute grounds for rejecting the bid.

Bidders must state prospective MWSBE firms on their CBI Form 3 and indicate the scope of work they anticipate utilizing the listed firms for to count towards MWSBE participation. In the event the Bidder has no MWSBE participation, the Bidder is still required to indicate this on CBI Form 3 by entering the word or number zero. Blank forms will be deemed to represent zero participation. The City will only give Bidders credit toward the MWSBE Goal for MWSBE participation that:

- a. Is listed on CBI Form 3 submitted with the Bid; and
- b. Is listed on CBI Form 3A (when applicable); and
- c. Is documented by CBI Form 4 (CBI Letter of Intent) which is submitted to the City within three (3) Business Days after the City requests it; and
- d. Meets all of the requirements of the CBI Manual

NOTE: MWSBEs listed on CBI Form 3 must be actively certified with the City of Charlotte as of bid date and must be performing a Commercially Useful Function as defined in the CBI Manual

Bids submitted which do not have the above required MWSBE information indicated on CBI Form 3 constitutes grounds for the Bid to be considered non-responsive and rejected.

The MWSBE goal will represent the total dollars to be spent with MWSBEs as a portion of the total bid amount, which includes contingency. The MWSBE percentage will be rounded to two decimal places. As an example, if the MWSBE percentage is 3.571, it should be listed as 3.57% or if it is 3.578, it should be listed as 3.58%. The percentage will not be rounded to the next "whole" number, i.e., 4%. A Bidder may round up if the third number after the decimal is a five (5) or greater.

In the event Alternates are selected by the City, the MWSBE Goal for this Contract will apply to the total contract amount, including contingency and the selected Alternates ("Total Contract Amount"). If the selected Bidder would meet the MWSBE Goal on the base bid amount, but would not meet the MWSBE Goal for the Alternates selected by the City, the Bidder will have three (3) days after the City notifies it of its selected Bidder status to secure enough additional participation to meet the MWSBE Goal calculated on the Total Contract Amount. The selected Bidder will be required to utilize CBI Form 3A to meet this requirement. This in no way exempts the Bidder from the CBI requirements due at bid time. If the Bidder fails to meet the MWSBE Goal, calculated on the Total Contract Amount, then the Bidder must meet the Good Faith Efforts and Good Faith Negotiation requirements set forth in Part C, Sections 4 and 5 of the CBI Policy. If the Bidder fails to meet the MWSBE Goal on the Total Contract Amount, and fails to earn the required Good Faith Efforts points, the Bid will be rejected.

The City will request CBI Form 4 Letters of Intent if you are a finalist for contract award. You must submit a separate CBI Form 4 for each MWSBE subcontractor/supplier identified on CBI Form 3 (and CBI Form 3A, if applicable) within three (3) Business Days after the City requests it.

6. GOOD FAITH EFFORTS and GOOD FAITH NEGOTIATION:

If two subcontracting goals are established for this Contract, then the Bidder must meet each goal. For example if a MBE goal and WBE goal are established, Bidder must meet the MBE goal and WBE goal. If you do not meet each established subcontracting goal, then you must earn the minimum good faith effort (GFE) points and meet the good faith negotiation requirements as set forth in Section 4 of the CBI Manual for the subcontracting goal that was not met.

Detailed information of the City's Good Faith Efforts and Good Faith Negotiation requirements can be found in the CBI Manual, Section 4. Failure to meet the Good Faith Efforts and Good Faith Negotiation requirements will constitute grounds for rejection of your Bid.

Documenting Good Faith Efforts. To demonstrate Good Faith Efforts (GFE) compliance, Bidders must complete and submit CBI Form 5: Good Faith Effort (GFE) and Statement of GFE Compliance. A minimum of fifty (50) GFE Points must be earned for each Subcontracting Goal not met. If more than one Subcontracting Goal is not met, then Bidders will be required to complete and submit a separate form for each unmet Subcontracting Goal.

CBI Form 5 lists GFEs and the number of points attainable for each type of Good Faith Effort. The City will request your Good Faith Effort (GFE) / Statement of GFE Compliance if you are an apparent low Bidder for contract award who did not meet the goal. You must submit CBI Form 5 and all supporting documentation within three (3) Business Days after the City requests it.

In deciding whether to award GFEs, the City will assess whether the efforts employed by the Bidder are those that a prime contractor would reasonably be expected to take if actively and aggressively trying to meet the established Subcontracting Goal for the Contract. This assessment will be made on a case-by-case basis taking all available facts into account. The focus will be on the likely effectiveness of the steps taken. Mere pro forma efforts will not be sufficient.

The City can take into consideration the performance of the other Bidders and their achievement towards the Contract Goal when determining if a Bidder has achieved Good Faith Efforts. Additionally, the Business Inclusion Officer can take into consideration the Bidder's past performance towards meeting Contract Goals on past City contracts.

All actions necessary to earn the required GFE Points must be undertaken prior to Bid Opening. Failure to comply with the requirements set forth in this section shall constitute grounds for rejecting a bid.

Self-Performance.

A Business Enterprise, who intends to perform 100% of the work on a Contract, may submit an affidavit stating that the Bidder: (i) does not customarily Subcontract any element of work; and (ii) normally performs, has the capability to perform, and will perform all elements of work on this Contract with its own current workforces. The affidavit shall be in a form provided by the City as part of the Solicitation. After approval by the Business Inclusion Officer, the Bidder shall not be required to comply with Section 3 of the CBI Manual.

The City may reject a Bid for non-compliance if: (i) the Business Enterprise is not licensed to perform each and every type of work included in the Contract, (ii) based on past practice or other grounds, the Business Enterprise will not be performing all of the work under the Contract with its own current workforce; (iii) the request for approval is submitted more than three (3) Days of Bid Opening; (iv) insufficient documentation is received to support the request; (v) any special skill-based qualification is available to and/or possessed by MWSBEs; (vi) there is no significant increase in the cost to the Business Enterprise for an MWSBE to perform the scope of work.

7. CBI POLICY PROVISIONS APPLICABLE AFTER CONTRACT AWARD:

Should the Bidder be awarded a contract with the City, the Bidder should note Section 5 (Responsibilities After Contract Award) and Section 6 (Remedies and Liquidated Damages) of the CBI Manual

As a condition for receiving payments under this Agreement, the Contractor agrees to submit any payment record into InclusionCLT, or any subsequent system designated by the City, detailing the amounts paid by the Contractor to all subcontractors and suppliers receiving payment in connection with this Contract.

8. CBI CONTRACT PROVISIONS:

The following provisions will be incorporated into the contract.

The parties acknowledge and agree that:

- a. That Charlotte Business Inclusion Program Policy ("CBI Policy") and its Administrative Procedures Manual ("CBI Manual") are posted on the City's website and available in hard copy form upon request. Both the CBI Policy and CBI Manual comprise the CBI Program.
- b. The terms of the CBI Program, as revised from time-to-time, are incorporated into this Agreement by reference; and
- c. A violation of the CBI Program shall constitute a material breach of this Agreement and shall entitle the

City to exercise any of the remedies set forth in the CBI Program, including but not limited to liquidated damages.

- d. The City will incur damages if the Contractor violates the CBI Program, including but not limited to loss of goodwill, detrimental impact on economic development, and diversion of internal staff resources. The parties further acknowledge and agree that the damages the City might reasonably be anticipated to incur as a result of such failures are difficult to ascertain due to their indefiniteness and uncertainty. Accordingly, the Contractor agrees to pay the liquidated damages assessed by the City at the rates set forth in the CBI Program for each specified violation. The Contractor further agrees that for each specified violation the agreed upon liquidated damages are reasonably proximate to the loss the City will incur as a result of such violation.
- e. Without limiting any of the other remedies the City has under the CBI Program, the City shall be entitled to withhold periodic payments and final payment due to the Contractor under this Agreement until the City has received in a form satisfactory to the City all claim releases, payment affidavits and other documentation required by the CBI Program. In the event payments are withheld under this provision, the Contractor waives any right to interest that might otherwise be warranted on such withheld amount under North Carolina General Statutes Section 143-134.1.
- f. The remedies set forth in the CBI Program shall be deemed cumulative and not exclusive and may be exercised successively or concurrently, in addition to any other available remedy.
- g. The Contractor agrees to participate in any dispute resolution process specified by the City from time-to-time for the resolution of disputes arising from the CBI Program.
- h. Nothing in this Section shall be construed to relieve a Contractor from any obligation it may have under North Carolina General Statutes Section 143-134.1 regarding the payment of subcontractors.
- i. Payment Reporting. As a condition for receiving payments under this Agreement, the Contractor agrees to submit any payment record into InclusionCLT, or any subsequent system designated by the City, detailing the amounts paid by the Contractor to all subcontractors and suppliers receiving payment in connection with this Contract

Remedies for Violation of CBI Policy. A violation of the CBI Program by a Contractor is deemed to be a material breach of the Contract. The City shall be entitled to:

- a. exercise all rights and remedies at law or at equity;
- b. terminate the Contract for default;
- c. suspend the Contract for default;
- d. withhold all payments due to the Contractor until the violation has been fully cured;
- e. withhold all payments due to the Contract until a mutually agreeable resolution has been reached with the City; and/or
- f. assess any liquidated damages under Section 6.2. The remedies set forth herein shall be deemed cumulative and not exclusive, and may be exercised successively or concurrently, in addition to any other available remedy.

The remedies set forth herein shall be deemed cumulative and not exclusive, and may be exercised successively or concurrently, in addition to any other available remedy.

Liquidated Damages. The City and the Contractor acknowledge and agree that the City will incur costs if the Contractor violates the CBI Policy and/or CBI Manual in one or more of the ways set forth below, including but not limited to loss of goodwill, detrimental impact on economic development and diversion of internal staff resources. The parties further acknowledge and agree that the damages the City might reasonably be anticipated to accrue as a result of such failures are difficult to ascertain due to their indefiniteness and uncertainty. Accordingly, the Contractor agrees to pay the liquidated damages assessed by the City at the rates set forth below for each specified violation of the CBI Policy. The Consultant further agrees that for each specified violation the agreed upon liquidated damages are reasonably proximate to the loss the City will incur as a result of such violation:

- a. **Failure to Meet Committed MWSBE Goal.** If a Contractor will not or did not meet a Contract Goal and such failure is not excused pursuant to Section 5.1.2, then the City may assess the lesser of: (a) \$200,000

or (b) the dollar difference between the Contract Goal and the Contractor's actual MWSBE utilization. This may be assessed only once per Contract.

- b. Use of a Conduit.** If the Contractor lists an MWSBE for a Contract Goal with knowledge that the MWSBE will be acting as a Conduit or will not be performing a Commercially Useful Function, the City may assess the lesser of: (a) \$100,000 per incident; or (b) the dollar amount stated on the MWSBE's letter of intent.
- c. Wrongful Termination or Replacement of an MWSBE Subcontractor.** If the Contractor terminates or replaces an MWSBE Subcontractor in violation of Section 5.3.1, then the City may assess the lesser of: (a) \$50,000 per incident; or (b) the dollar amount of the prospective work to be performed by the MWSBE Subcontractor.
- d. Failure to Perform Modified Good Faith Efforts.** If the Contractor fails to comply with Section 4.2, then the City may assess the lesser of: (a) \$50,000 per incident; or (b) the dollar amount of the prospective work to be performed by the MWSBE Subcontractor.
- e. False Statements and Misrepresentations.** If the Contractor makes a false statement, material misrepresentation, or material misleading omission regarding any matter, then the City may assess the lesser of: (a) \$50,000 per incident; or (b) the dollar difference between the Contractor represented as payment and what was actually paid. In the event of any overlap between Section 6.2.5 and Section 6.2.2, then the damages set forth in Section 6.2.2 shall apply.
- f. Failure to Respond to Request for Information.** If the Contractor fails to provide any report, documentation, affidavit, certification, or written submission required under the CBI Program within the time period set forth therein, the City may assess \$40 per Day until receipt of the item.
- g. Use of An Affiliate to Meet the Contract Goal.** If the Contractor listed an MWSBE for a Contract Goal with knowledge that the MWSBE is an Affiliate and the City cannot invoke Section 5.2.2, then the City may assess the lesser of: (a) \$75,000 per incident or (b) the dollar amount paid to the MWSBE Affiliate. In the event of any overlap between Section 6.2.7 and Section 6.2.2, then the damages set forth in Section 6.2.2 shall apply.
- h. Quick Pay Commitment.** If a Quick Pay Commitment is offered to any MWSBE Subcontractor in the Vendor Documents but is not subsequently honored, then the City may assess the lesser of: (a) \$50,000 or (b) ten percent (10%) of the dollar amount listed on the MWSBE Subcontractor's letter of intent.
- i. Violation of Exempt Performance Allowance.** If a Contractor submits an affidavit under Section 3.2 but Subcontracts thereafter, then the City may assess the lesser of: (a) \$25,000 per incident; or (b) the dollar amount of the work performed by any and all Subcontractors.

The City shall be entitled to exercise all remedies and recover all damages set forth in Section 6 directly from each Contractor that the City enters into a Contract with, regardless of whether such remedies or damages are due to a breach by that Contractor or by a Subcontractor on the applicable project. Each Contractor on a Contract shall be responsible for taking appropriate measures to enable it to exercise all remedies and recover all damages set forth in Section 6 directly from each Subcontractor. Additionally, the City shall be a third-party beneficiary to each Contract for the purpose of seeking injunctive relief and other remedies to the extent necessary to enforce the CBI Program directly against Contractors, though the City shall have no obligation to do so.

4. CBI FORMS:

Bidders shall submit the following CBI forms within the timeframes indicated below:

Document	Document Description	Submission Requirements
CBI Form 1 Intent to Self-Perform	Intent to self-perform all scopes of work on the project. If the Bidder is not licensed to perform each and every type of work included in the Contract, or if the City has cause to believe based on past practice or other grounds that the Bidder will not be performing all work under the Contract with its own workforce, then the City may reject the Bidder's Bid for non-compliance with the CBI Policy.	Should only be submitted in lieu of CBI Form 3 if the Bidder/Proposer intends to self-perform all scopes of work involved in the project and can provide sufficient documentation for confirmation.
CBI Form 2 Solicitation Form	Identifies any MWSBE firms that the Bidder/Proposer contacted during the bid solicitation period.	Not required at time of bid opening. This form is only required when Bidder/Proposer did not meet the established MWSBE goal(s) as part of documenting Good Faith Efforts. Due within three (3) business days after requested by the City.
CBI Form 2A Good Faith Negotiation Form	Bidders must submit a completed CBI Form 2A for each MWSBE who bid the project and was ultimately not selected by the Bidder to participate on the Contract.	Not required at time of bid opening. This form is only required when Bidder/Proposer did not meet the established MWSBE goal(s) as part of documenting Good Faith Efforts. Due within three (3) business days after requested by the City.
CBI Form 3 Utilization Commitment	Identifies all subcontractors, suppliers, manufacturers, haulers, brokers and/or members of a joint venture to be utilized on the contract, percentages and dollar amounts committed to MWSBEs and non-MWSBEs.	Must be submitted with Bid/Bid Package.
CBI Form 3A Utilization Commitment-Alternate	Identifies additional MWSBE participation commitments made after bid opening when there are accepted alternates.	This form will only need to be submitted if the City selects alternates. Must be submitted within (3) business days after requested by the City.
CBI Form 4 Letter of Intent	Bidders must submit an executed Letter of Intent with each separate MWSBE firm listed on CBI Form 3.	To be submitted by successful Bidder after bid opening.
CBI Form 5 Good Faith Efforts (GFE) Compliance Statement	Identifies the minimum GFE points required for this contract, the GFE Categories, and respective GFE Points value for each GFE Category	Not required at time of bid opening. This form is only required when Bidder/Bidder did not meet the established MWSBE goal(s) as part of documenting Good Faith Efforts. Due within three (3) business days after requested by the City.
CBI Form 6	Contractor shall provide a payment affidavit showing payments made to all subcontractors, suppliers,	Upon award of Contract, Form 6 should be included with each pay request submitted to

Payment Affidavit	manufacturers, brokers, and members of a joint venture in connection with the Contract (MWSBEs and non-MWSBEs)	the City. List ALL subcontractors (MWSBEs and non-MWSBEs)
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All CBI Forms and a full list of MWSBE vendors are available on-line at: www.charlottebusinessinclusion.com

All CBI Forms and additional CBI information are available at cltairport.com – Doing Business With CLT” – “Business Diversity Programs” – “CBI Program”. Please make sure you review and are familiar with this additional information.

VI. AIRPORT SECURITY REQUIREMENTS

A. SECURITY PROGRAM

- A. The Airport has been secured to prevent unauthorized access into the Security Identification Display Area (SIDA). Contractor shall cooperate to the fullest extent with the Aviation Department to maintain the integrity of the SIDA.
- B. Construction Security Requirements. In order to comply with the Aviation Department's security requirements, the Contractor shall meet all training and operational requirements of Federal Air Regulation (FAR) Part 139 and Transportation Safety Regulation (TSR) 1542 as contained in the Code of Federal Regulations (CFR), and other rules, regulations and requirements as established by the Aviation Director. The Contractor shall keep informed as to current requirements, and shall remain current throughout the contract. Exact requirements may vary, but, in general, the requirements are as follows:
1. If a Contractor performs Work on the AOA, a Security Identification Display Area Badge must be obtained. The following steps must be followed:
 - a. The Contractor requesting badges at the Airport shall submit to the Airport Security Office a Compliance Agreement and Authorized Signature Letter on company letterhead a signature letter, listing those personnel authorized to sign requests for identification badges along with a sample of each signature. **The Contractor may not designate more than four signatories.** The signature on the badge request form certifies that the employer accepts responsibility for all badge holders they sponsor to include subcontractors and suppliers.
 - b. The badge application packet includes a list of disqualifying crimes. **Each applicant must review this list of disqualifying crimes.** In the ten (10) year period ending on the date of investigation or fingerprint check, if the individual was convicted (or found not guilty by reason of insanity) of any of these crimes, the applicant cannot be given unescorted access privileges.
 - c. Prior to the issuance of a SIDA Badge, each eligible applicant's fingerprints will be taken and transmitted electronically to the FBI for a criminal history records check. In addition, each person designated as an **authorized signatory** must be fingerprinted and have a criminal history records check conducted. Whenever fingerprinting is conducted for any one employee, another badged employee from the same company must be present as a witness. The Contractor shall submit a completed SIDA Badge Request form **for each of their employees, subcontractor's employees, and suppliers, to the Owner prior to fingerprinting of employees.**
 - d. The SIDA Badge package shall include the Authorization Letter and Notice of Upcoming Contract forms shall be submitted to the Owner as follows:

Charlotte Douglas International Airport
Attn: Planning and Development - Aviation Department
Post Office Box 19066
Charlotte, NC 28208
 - f. Upon receipt of notification from the FBI that the applicant has not been convicted of any of the disqualifying crimes and has passed a Security Threat Assessment, a SIDA Badge will be issued, giving the applicant unescorted access privileges at Charlotte/Douglas International Airport.
 2. The Contractor shall mark each of his vehicles and his/her subcontractor's vehicles and pieces of equipment with a company name or logo on the sides of the vehicles and equipment. (For the purpose

of this specification, a vehicle shall be defined as any device, including cars, trucks, buses or other conveyances, which is required to carry a state license tag. All other devices, which are primarily used in construction activities, will be classified as equipment). **No private vehicles are allowed on the AOA. All vehicles must be registered in a Company name and carry the necessary insurance as required herein.**

3. No person will be allowed to operate a vehicle in the active AOA unescorted without successfully completing the airport approved Driver Training Program. The Contractor will not be authorized driving privileges unless the work requires access into the active AOA and cannot be accomplished otherwise and then only with the approval of the Aviation Director.
4. Not applicable.
5. The Contractor shall allow only persons with the required identification badge issued by the Aviation Department passage into the SIDA through project access points. Should the Contractor wish to allow visitors, vendors, or delivery vehicles through project access points, he shall provide an escort for each person or vehicle. The Contractor will be subject to a fine of up to \$25,000 for any unauthorized entry that occurs at an access point while it is under his/her control.
6. All vehicles must display and use a rotating amber-colored beacon while operating within the AOA.
7. Any of the Contractor's employees, subcontractors, or suppliers who are within the SIDA must have an identification badge issued by the Aviation Department. In an effort to ensure this requirement is observed, the Contractor will be liable for an assessment of \$100 for each and every occurrence of any of his employees, subcontractors, or suppliers within the SIDA without said badge. This assessment will be deducted from monies owed the Contractor under this contract by the Owner.
8. If for any reason an identification badge is lost or stolen and must be replaced, the Contractor will be charged a fee of \$50, \$100 and \$150 for the first, second and third occurrence respectively for each replaced badge for any of his employees, subcontractors, or suppliers. Airport Operations must be notified immediately when a badge is lost or stolen. Also, if a badge is damaged and must be repaired or replaced, the Contractor must return the damaged badge in exchange for a new badge. There will be a charge of \$10.00 for this exchange.
9. Upon completion of the project, all identification badges obtained by the Contractor's employees, subcontractors, or suppliers must be returned to the Aviation Department. The Contractor will be assessed \$100.00 for each badge not returned. This assessment will be deducted from monies owed the Contractor under this contract at the time of final payment.
10. In the event a Contractor's badged employee sees another employee on the AOA with no visible badge and does not know the person (not part of his/her team or project member), **he/she must challenge the person** by asking the person to present his/her badge. If the unknown person is unable to present a badge, **it is the responsibility of the badged person to report** this to the Airport Operations staff. Airport Operations can be reached by calling 359-4012. If the badged person does not have access to some form of communication, then we ask that they report the information to any badged person in the vicinity who may have access to a telephone or radio. It is everyone's responsibility to ensure the Airport remains safe and secure at all times. This is accomplished by challenging any individual with no visible identification.

B. AIRPORT BADGING REQUIREMENTS

The Airport badging process requires submittal of the following five forms:

1. Compliance Agreement
2. Authorized Signature Letter
3. Criminal History Records Check (CHRC) / Security Threat Assessment (STA) Request form – Employee Form
4. CHRC/STA – Employer Form
5. Badge Request Form
6. Key Request Form

The current versions of these forms are available on the Airport's website at <https://www.cltairport.com/business/credentialing/>. Each of these forms must be typed or completed on a computer. These instructions provide an overview of the requirements for each form; applicants are strongly encouraged to visit the website for additional information on the badging process and the completion of these forms.

1. COMPLIANCE AGREEMENT: The Airport requires any organization requesting badges to complete and return to Airport Operations a Compliance Agreement stating that the organization understands and agrees to abide by all regulations governing unescorted access to the restricted areas of the Airport. These regulations are summarized on the form. This form must be completed (typed), signed by a legal representative of the Contractor, and returned.

2. AUTHORIZED SIGNATURE LETTER: The Authorized Signature Letter must be typed on company letterhead. Each person named as an authorized signature must place their signature besides their printed name. Each person listed on the letter will have the authority to request criminal history records (fingerprints), ID badges and access media for that organization. All employees designated as authorized signers must have a criminal history records check conducted prior to being allowed to sign for employees. This letter must be dated and signed by someone who can legally represent the organization.

3. CHRC / STA FORMS: These forms authorize the Airport to conduct a criminal history records check. It is the responsibility of the employer to make sure the employee completes and submits the CHRC/STA Employee form. Each employee must carefully review the list of disqualifying criminal offenses and respond accordingly. The employee must sign and date the completed form. The employer must fill out the CHRC/STA Employer form. For companies that are subject to **TSR 1542**, the identity of the applicant must be verified at the time the fingerprints are obtained, using two forms of identification; one of which is a photo ID. Both the originals and copies must be presented at the time of fingerprinting. Forms of valid identification are: U.S. Passport, Driver's License, Social Security Card, State ID Card, Employment Authorization Card, I-94 Form, Non-Immigrant Visa, Birth Certificate, or Naturalization Certificate.

4. BADGE REQUEST FORM: This form authorizes the issuance of the airport identification badge. This form is completed when the employer is notified the criminal history records revealed **NO RECORD** for the employee. When the employee presents this form, properly filled out and signed by an authorized signature, the SIDA training will be conducted and identification badge will be issued.

5. Key Request Form: This form must be submitted if an employer requires key access to specific areas of the Airport. As stated on the form, only employees identified on the Authorized Signature Letter may request Airport keys.

C. CONSTRUCTION GATE SECURITY PROCEDURES

The following will be used to train all Contractor and their subcontractor's employees in the proper procedures for construction gate security at Charlotte Douglas International Airport. The contractor acknowledges that all employees must have an understanding of the Gate Guard Mandatory Procedures prior to entering the worksite, failure to comply with the procedures may result in violation or fine per the CLT Security Standards or Transportation Safety Regulation (TSR) 1542 as contained in the Code of Federal Regulations (CFR), and other rules, regulations and requirements as established by the Aviation Director. A copy of these procedures will be provided to all Contractor supervisors and reviewed at the weekly safety meeting.

1. Training documents for items in this section to be provided to owner upon request.

Contractor Responsibilities:

1. A Salaried Supervisor is required to be on site at all times during work hours: "Shift Supervisor".
2. Shift Supervisor is responsible for Airport Security as it relates to the construction operation.
3. Shift Supervisor is responsible for employee compliance with the Gate Guard procedure.
4. All Craft Supervision (Foreman) can specifically name each days "Shift Supervisor".
5. Shift Supervisor's name and phone number will be emailed to Airport Operations daily.
6. Shift Supervisor will ensure the Stop List is up to date (less than one week old).
7. Shift Supervisor will regularly monitor the performance and wellbeing of the Gate Guard (no less than 5 times each day) example: beginning and end of shift, when relieved for their lunch break or replaced by another employee and two other times when entering or exiting the site.

Gate Guard Mandatory Procedures:

1. A gate guard must be present at all times that the gate is "unlocked". No exceptions.
2. The gate guard must be within 30 feet of the gate at all times. no exceptions.
3. All vehicles are required to stop at the gate. No exceptions.
4. All occupants of the vehicles are required to present their badge or id for inspection each time they approach the gate. No exceptions
5. All drivers and all occupants must be checked against the stop list each time they enter. No exceptions.
6. All vehicles must be inspected each time it arrives at the gate. *Exceptions, emergency vehicles, police, fire & CLT logo vehicles.*
7. If the gate guard must leave the gate (bathroom, escort, water break, talk to a supervisor) and a qualified replacement is not available the gate must be locked.
8. Look into the interior of all vehicles,
9. Have dump trucks drivers open the door so you can see inside.
10. Look into the bed of all pickup trucks, and visually inspect tool boxes
11. Dump truck beds do not need to be inspected.
12. At the beginning of shift and whenever a new truck driver shows up on site the driver will be notified that they will be required to stop at the gate, show their ID and open the door to allow for a visual inspection of the vehicle each time they enter the site.
13. If traffic is entering or departing the gate on a regular basis and a gate guard is present the gate can remain open.
14. If a gate guard is present and no traffic enters or departs for more than 10 minutes the gate shall be closed and locked.
15. Whenever a gate guard is not present the gate shall remain closed and locked.

VII. TECHNICAL SPECIFICATIONS

Technical Specifications for this Project are deemed to be incorporated herein.

VIII. PLANS

Plans for this Project are deemed to be incorporated herein.