

Airport Name: Columbia Regional Airport
 Project No.: RFP 50/5024
 County: Boone

**AVIATION PROJECT CONSULTANT SUPPLEMENTAL AGREEMENT NO. 1
 CONSTRUCTION SERVICES
 For
 RUNWAY 2-20 PAVEMENT REPAIRS**

THIS SUPPLEMENTAL AGREEMENT NO. 1 for Construction Services is entered into by the City of Columbia, Missouri (hereinafter, "Sponsor") and BURNS & MCDONNELL ENGINEERING COMPANY, INC. (hereinafter "Consultant") is made as of the date of the last signatory noted below.

WITNESSETH:

WHEREAS, on November 21, 2023, the Sponsor and the Consultants entered into an Agreement on, to accomplish a project at the Columbia Regional Airport related to the design of the Runway 2-20 Pavement Repairs, (hereinafter "Original Agreement") attached hereto as Exhibit II - SA1; and

WHEREAS, the Sponsor and the Consultant now desire to enter into Supplemental Agreement No. 1 to otherwise complete, extend or continue the Original Agreement as provided herein.

NOW, THEREFORE, in consideration of the mutual promises, covenants, and representations contained herein the parties agree as follows:

(1) **SCOPE OF SERVICES:**

(A) The services to be provided by the Consultant under Supplemental Agreement No. 1 are additional services which are beyond the scope of services provided in the Original Agreement. These additional professional services are generally described and defined in Section (15) (Construction Phase of the Project) of the Original Agreement and Exhibit I – SA1, which is attached hereto and incorporated herein by reference.

(2) **FEES AND PAYMENTS:**

(A) The Consultant shall be reimbursed in accordance with Section (9)(Federal) of the Original Agreement.

(B) The costs of Supplemental Agreement No. 1 shall be in addition to

the cost of the Original Agreement.

(C) The lump sum fee and maximum amount payable included in Section (9)(Federal) of the Original Agreement are hereby modified to be cost plus fixed fee not to exceed as follows:

Max. Fee Payable	ORIGINAL AMOUNT	SUPPLEMENTAL AGREEMENT NO. 1	TOTAL
Fixed Fee	\$18,728.12	\$18,905.74	\$37,633.86
Lump Sum	\$273,800.00	N/A	\$273,800.00
Max. Fee Payable	\$273,800.00	\$256,250.00	\$530,050.00

(D) Estimated costs for the services in Supplemental Agreement No. 1 are defined in Exhibit III – SA1 and Exhibit IV – SA1, which are attached hereto and incorporated by reference.

(3) PERIOD OF SERVICE: Exhibit I Scope of Basic Services, Section C. Estimated Time of Completion – Table A, of the Original Agreement is hereby revised to include time for the performance of these additional services. The total time to be added to Table A for completion of these additional services shall be two hundred thirty (230) calendar days as shown in the revised Scope of Basic Services Table A in this Supplemental Agreement No. 1 below. The 230 calendar days includes services in Supplemental Agreement No. 1 and submittal of all deliverables.

TABLE A

Item	Duration (Calendar Days)
Preliminary Design Phase	75 Days from the Notice to Proceed date
Design Phase	75 Days from the FAA acceptance of preliminary design report
Construction Services	230 Days from the issuance of the Notice to Proceed to the selected Construction Contractor.

(4) DISADVANTAGED BUSINESS ENTERPRISE REQUIREMENTS:

(A) DBE Goal: The following DBE goal has been established for this Supplemental Agreement No. 1. The dollar value of services and related equipment, supplies, and materials used in furtherance thereof which is credited toward this goal will be based on the amount actually paid to DBE firms. The goal for the percentage of

services to be awarded to DBE firms is 9.60% of the total Supplemental Agreement No. 1 dollar value.

(B) 10 DBE Participation Obtained by Consultant: The Consultant has obtained DBE participation, and agrees to use DBE firms to complete 12% of the total services to be performed under this Supplemental Agreement No. 1 by dollar value. The DBE firm(s) which the Consultant shall use, and the type and dollar value of the services each DBE will perform, is as follows:

DBE FIRM NAME, STREET AND COMPLETE MAILING ADDRESS	TYPE OF DBE SERVICE	TOTAL \$ VALUE OF THE DBE SUBCONTRACT	CONTRACT \$ AMOUNT TO APPLY TO TOTAL DBE GOAL	% OF SUBCONTRACT \$ VALUE APPLICABLE TO TOTAL GOAL
TSi Geotechnical Engineering	Materials Testing	\$16,953.00	\$16,953.00	6.61%
TREKK Design Group, LLC	Construction Observation	\$13,890.00	\$13,890.00	5.42%

(5) SUBCONSULTANTS:

(A) The Consultant agrees that except for those firms and for those services listed below, there shall be no transfer of engineering services performed under this Supplemental Agreement No. 1 without the written consent of the Sponsor. Subletting, assignment, or transfer of the services or any part thereof to any other corporation, partnership, or individual is expressly prohibited. Any violation of this clause will be deemed cause for termination of this Supplemental Agreement No. 1.

Exceptions (Subconsultant Information):

FIRM NAME	COMPLETE ADDRESS	NATURE OF SERVICES
TSi Geotechnical, Inc.	1340 North Price Road St. Louis, MO 63132	Materials Testing
TREKK Design Group, LLC	1411 E 104 th Street Kansas City, MO 64131	Construction Observation

(6) ORIGINAL AGREEMENT: Except as otherwise modified, amended, or supplemented by the Supplemental Agreement No. 1, the Original Agreement between

the parties shall remain in full force and effect and the terms of the Original Agreement shall extend and apply to this Supplemental Agreement No. 1.

7) ATTACHMENTS: The following Exhibits and other documents are attached to and made a part of this Agreement:

- (A) Exhibit I-SA1: Scope of Basic Services
- (B) Exhibit II-SA1: Original Agreement - Design
- (C) Exhibit III-SA1: Derivation of Consultant Project Costs.
- (D) Exhibit IV-SA1: Engineering Basic and Special Services - Cost Breakdown.

IN WITNESS WHEREOF, the parties have entered into this Supplemental Agreement No. 1 on the date last written below.

Executed by the Consultant this _____ day of _____, 2024

Executed by the Sponsor this _____ day of _____, 2024

CITY OF COLUMBIA, MISSOURI

By: _____
De'Carlton Seewood, City Manager

Date: _____

ATTEST:

By: _____
Sheela Amin, City Clerk

APPROVED AS TO FORM:

By: _____
Nancy Thompson, City Counselor

CERTIFICATION: I, hereby certify that this contract is within the purpose of the appropriation to which it is to be charged, Account Number 55416288-604023, AP144 and that there is an unencumbered balance to the credit of such appropriation sufficient to pay therefor.

By: _____
Matthew Lue, Finance Director

Burns and McDonnell Engineering Company, Inc

By: _____
Douglas L. Lenz,
Aviation Operations Director

Date: 10/10/24

ATTEST:

By: _____
Ryan B. Lorton,
Project Manager

EXHIBIT “I-SA1”
MARCH 18, 2024
SCOPE OF BASIC SERVICES
FOR PROFESSIONAL ENGINEERING SERVICES
FOR
CONSTRUCTION PHASE SERVICES FOR THE
REHABILITATE RUNWAY 2-20 PROJECT
AT COLUMBIA REGIONAL AIRPORT
AIP NO. 3-29-0022-58

A. PROJECT NAME AND DESCRIPTION OF IMPROVEMENTS:

1. **Project Name:** Construction Services for the Rehabilitate Runway 2-20 at the Columbia Regional Airport (COU).
2. **Description of Improvements:** The proposed improvements are shown on EXHIBIT No. 1. The Engineer will perform construction observation services for the Rehabilitate Runway 2-20 project.

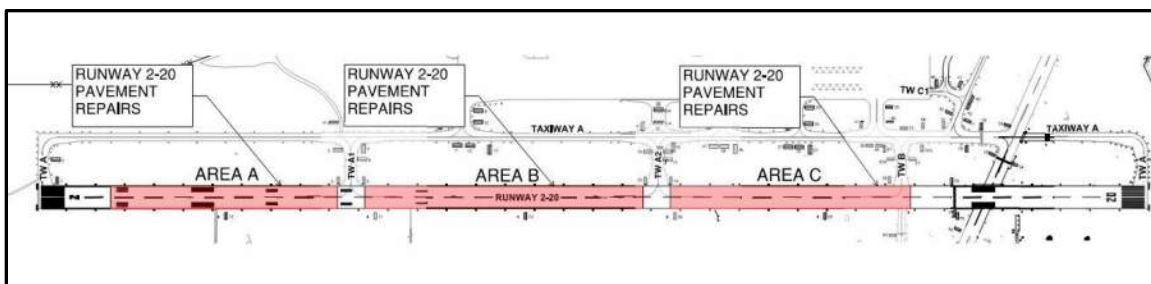


Exhibit No. 1

B. DESCRIPTION OF SERVICES TO BE PERFORMED:

Consultant has developed the following Scope of Services to perform engineering services for the aforementioned project. The Scope of Services is defined as follows:

1. **Construction Phase Services Assumptions:**
The following assumptions have been established for construction phase services:
 - a. The project duration anticipated to start in the spring/summer of 2025, as identified in the Project Manual and Drawings (Contract Documents) indicating the project is to be completed within 48 calendar days from the Contractor’s Notice to Proceed.
2. **Construction Administration Services – Office Staff:**
 - a. Develop a Construction Observation Program, (COP). This document will outline the general responsibilities of the Sponsor, the Federal Aviation Administration (FAA), Consultant and Construction Contractor. The document will be developed in accordance with FAA’s Section 1030 –

Construction Observation Program. As a minimum, the COP will include the following items:

1. Name of the person representing the Sponsor who has overall responsibility of contract administration for the project and the authority to take necessary actions to comply with the contract.
 2. Names of testing laboratories and a certificate of accreditation, indicating proficiency in specific test standards.
 3. Names of other engineering firms with quality assurance responsibilities for the project including a description of the services to be provided by each firm.
 4. Listing of qualifications for the Consultant's management team including: Project Manager, site observers, laboratory personnel, and testing personnel.
 5. Listing of all tests required by the contract specifications, including the type and frequency of tests to be taken, the method of sampling, the applicable test standard, and the acceptance criteria or tolerances permitted for each type of test.
 6. Procedures for confirming that:
 - (a) Tests are taken in accordance with the approved construction observation program.
 - (b) Tests are documented properly.
 - (c) Corrective actions/retesting are taken for failed tests.
 - (d) Mix designs meet project specifications and Consultant's approval is properly documented.
 - (e) Quality and quantity of materials meet project requirements.
- b. Attend and chair one (1) preconstruction meeting with the Contractor, Sponsor, and the FAA to determine detailed project requirements, budget, schedule, phasing and other pertinent matters. This meeting will be attended by the Consultant's Project Manager, and Construction Services Team. The preconstruction conference will comply with FAA Central Region, AIP Sponsor Guide, Section 1040. Meeting minutes will be prepared by the Consultant and distributed to the contact for each attending company.
- c. Provide coordination with the Sponsor to issue a Notice to Proceed to comply with the FAA Central Region, AIP Sponsor Guide, Section 1050. A copy of the Notice to Proceed and contractor final schedule will be forwarded to the FAA.
- d. Perform shop drawing reviews, material certifications and "Buy American" verifications as received from the Contractor. The Consultant estimates 20 original shop drawings will be reviewed. It is assumed 25% of the initial submittals will need to be resubmitted by the contractor and re-reviewed by the Consultant. It is assumed 4-hours per review (includes administrative processing). As a result, 25 shop drawings are estimated for a total of 100 hours.

- e. Prepare and provide four copies of the Construction Plans and Project Manual for use by the Contractor during construction.
 - f. Respond to field issues throughout the duration of the project (48 calendar days – approximately 7 weeks). It is assumed this effort will require 10 hours per week for 7 weeks equating to 70 hours.
 - g. Coordinate and review monthly pay estimates and weekly progress reports (field diaries, weather reports, labor reports and equipment reports) as received from the Resident Representative. Assist the Sponsor with review of certified payrolls, as necessary.
 - h. Coordinate and prepare change orders and supplemental agreements for the duration of the project. This effort assumes 2 of these efforts at 8 hours per effort for a total of 16 hours. These documents will comply with FAA Central Region, AIP Sponsor Guide, Section 1080.
 - i. Coordinate and review weekly test reports.
 - j. Project Management: Consultant will provide project management for all phases of construction services throughout the duration of the project. This effort is assumed to require 5 hours per week for a project duration of 7 weeks for a not to exceed total of 35 hours.
 - k. Procure DBE material testing and DBE construction observation assistance contracts and scopes of work.
 - l. Project Manager to attend weekly progress meetings in person.
3. **Construction Phase Services – (48 calendar days):**
- a. Provide a Resident Project Representative (RPR) on site for 42 working days for 10 hours per day not to exceed a duration of 420 hours for Phase 1 daytime work. Provide additional RPR on site for 10 working days for 8 hours per night (80 hours) for Phase 2 night work that is concurrent with Phase 1 and for 3 working days for 8 hours per night (24 hours) for Phase 3 night work not to exceed 104 hours for Phase 2 and Phase 3 night work. The RPRs will be responsible for the following reporting:
 - i. Weekly Reports on FAA Form 5370-1: Tests reports including types of tests taken, applicable standards, location of tests, tests results (highlighting those tests which fail specification requirements), provisions for failed tests, and specification requirements shall be recorded and filed in a timely and orderly manner and shall be made available for review by the Sponsor and the FAA. Assist the Sponsor with wage rate interviews, as necessary. A photo log showing the

progress of the project will also be included. The weekly Reports will be submitted on a weekly basis to the Sponsor and the FAA.

- ii. Final Report: At the conclusion of the project, the Consultant shall submit a final test and quality control report documenting the results of all tests performed. Those tests that failed or did not meet the applicable test standard shall be highlighted and corrective action/retesting noted. The reports shall include the pay reductions applied and justification of accepting any out-of-tolerance materials.

- b. Perform periodic site visits from the design team members for the following activities:

- (1) Trip No. 1: Observe Mobilization. This trip will be taken for the purposes of observing the contractor's start-up activities and general coordination with the Sponsor and contractor.
- (2) Trip No. 2: Observe demolition operations.
- (3) Trip No. 3: Spall Repairs. This trip will be used to observe and assist the Resident Representative on the first day of concrete replacement.
- (4) Trip No. 4: Concrete Placement. This trip will be used to observe and assist the Resident Representative on the first day of spall repairs.
- (5) Trip No. 5: Pre-Final Punch List. The Consultant will prepare the pre-final project punch list. This trip will be performed by the team's project manager and project civil engineer. The duration of this trip will be 8 hours per each team member. The total hours allocated for this effort will not exceed 16.

- 4. **Construction Closeout:** This includes activities for providing a final project walk through, project closeout documentation and creating a record set of drawings conforming to construction records drawings. The specific elements of work include:
 - a. Final Project Punch List and Walk Through: The Consultant will prepare the Final project punch list. A final walk through will be performed by the Sponsor, the FAA (if available) and members of the Consultant's Team.
 - b. Engineering Record Drawings: The Consultant will prepare the Conforming to Construction Record drawings of the project. These drawings will be developed from documentation created by the Contractor and Consultant throughout the duration of the project. An electronic (pdf) set of drawings will be provided to the Sponsor and the FAA for their records.
 - c. Final Construction Report: The Consultant will prepare and submit to the Sponsor and the FAA a final construction report in accordance with the FAA Central Region, Airport Sponsor Guide, Section 1610, Development

Project Closeout. DBE Compliance Report Coordination: Assistance to City staff as required to provide project documentation for DBE Compliance during project closeout. These documents will be provided to the FAA within 90 calendar days after project final acceptance.

5. **Subconsultant Material Testing (DBE):** The Consultant will provide, through the services of a certified and accredited material testing laboratory DBE subconsultant, all quality assurance testing in accordance with the Contract Documents.
6. **Subconsultant Construction Observation Services (DBE):** The DBE subconsultant will provide construction observation support during concrete paving operations.

C. ESTIMATED TIME OF COMPLETION:

1. The time to complete the Scope of Services for items identified in Section B of this Scope of Work is estimated at Two Hundred Thirty (230) calendar days from the Construction Contractor's Notice to Proceed.

END OF SOW

Airport Name: Columbia Regional Airport
 Project No.: _____
 County: Boone

AVIATION PROJECT CONSULTANT AGREEMENT
Between
THE CITY OF COLUMBIA, MISSOURI
And
BURNS AND MCDONNELL ENGINEERING CO., INC.
For
RUNWAY 2-20 PAVEMENT REPAIRS DESIGN

THIS AGREEMENT is entered into by Burns and McDonnell Engineering Co., Inc. (hereinafter the "Consultant"), and the City of Columbia, (hereinafter the "Sponsor") on the date of the last signatory noted below ("Effective Date").

WITNESSETH:

WHEREAS, the Sponsor has selected the Consultant to perform professional services to accomplish a project at the Columbia Regional Airport; and

WHEREAS, the Sponsor intends to accomplish a project at the Columbia Regional Airport as listed in Exhibit I of this Agreement, entitled "Scope of Basic Services", which is attached hereto and made a part of this Agreement.

NOW, THEREFORE, in consideration of the payments to be made and the covenants set forth in this Agreement to be performed by the Sponsor, the Consultant hereby agrees that it shall faithfully perform the professional services called for by this Agreement in the manner and under the conditions described in this Agreement.

(1) DEFINITIONS: The following definitions apply to these terms, as used in this Agreement:

(A) "SPONSOR" means the owner of the airport referenced above.

(B) "SPONSOR'S REPRESENTATIVE" means the person or persons designated in Section (18)(A) of this agreement by the Sponsor to represent the Sponsor in negotiations, communications, and various other contract administration dealings with the Consultant.

(C) "CONSULTANT" means the firm providing professional services to the Sponsor as a party to this Agreement.

(D) "CONSULTANT'S REPRESENTATIVE" means the person or

persons designated in Section (18)(B) of this agreement by the Consultant to represent that firm in negotiations, communications, and various other contract administration dealings with the Sponsor.

(E) "DELIVERABLES" means all drawings and documents prepared in performance of this Agreement, to be delivered to and become the property of the Sponsor pursuant to the terms and conditions set out in Section (11) of this Agreement.

(F) "DISADVANTAGED BUSINESS ENTERPRISE (DBE)" means an entity owned and controlled by a socially and economically disadvantaged individual as defined in 49 Code of Federal Regulations (CFR) Part 26, which is certified as a DBE firm in Missouri by MoDOT. Appropriate businesses owned and controlled by women are included in this definition.

(G) "FAA" means the Federal Aviation Administration within the United States Department of Transportation (USDOT), headquartered at Washington, D.C., which acts through its authorized representatives.

(H) "INTELLECTUAL PROPERTY" consists of copyrights, patents, and any other form of intellectual property rights covering any data bases, software, inventions, training manuals, systems design or other proprietary information in any form or medium.

(I) "SUBCONSULTANT" means any individual, partnership, corporation, or joint venture to which the Consultant, with the written consent of the Sponsor, subcontracts any part of the professional services under this Agreement but shall not include those entities which supply only materials or supplies to the Consultant.

(J) "SUSPEND" the services means that the services as contemplated herein shall be stopped on a temporary basis. This stoppage will continue until the Sponsor either decides to terminate the project or reactivate the services under the conditions then existing.

(K) "TERMINATE", in the context of this Agreement, means the cessation or quitting of this Agreement based upon the action or inaction of the Consultant, or the unilateral cancellation of this Agreement by the Sponsor.

(L) "SERVICES" includes the services and the furnishing of deliverables set forth in Exhibit I.

(2) SCOPE OF SERVICES:

(A) The services covered by this Agreement shall include furnishing the professional, technical, and other personnel and the equipment, material and all other things necessary to accomplish the proposed project detailed in Exhibit I of this Agreement.

(B) The specific services to be provided by the Consultant are set forth in Exhibit I of this Agreement, entitled "Scope of Services," which is attached hereto and made a part of this Agreement.

(3) ADDITIONAL SERVICES: The Sponsor reserves the right to direct additional services not described in Exhibit I as changed or unforeseen conditions may require. Such direction by the Sponsor shall not be a breach of this Agreement. In this event, a Supplemental Agreement will be negotiated and executed prior to the Consultant performing the additional or changed services, or incurring any additional cost for those additional services. Any changes in the maximum compensation and fee, or time and schedule of completion, will be covered in the Supplemental Agreement.

(4) INFORMATION AND SERVICES PROVIDED BY THE SPONSOR:

(A) At no cost to the Consultant and in a timely manner, the Sponsor will provide available information of record which is pertinent to this project to the Consultant upon request. In addition, the Sponsor will provide the Consultant with the specific items or services set forth in Exhibit I of this Agreement, Section B, entitled "Description of Services to be Performed", which is attached hereto and made a part of this Agreement. The Consultant shall be entitled to rely upon the accuracy and completeness of such information, and the Consultant may use such information in performing services under this Agreement.

(B) The Consultant shall review the information provided by the Sponsor and will as expeditiously as possible advise the Sponsor of any of that information which the Consultant believes is inaccurate or inadequate or would otherwise have an effect on its design or any of its other activities under this Agreement. In such case, the Consultant shall provide new or verified data or information as necessary to meet the standards required under this Agreement. Any additional work required of the Consultant as the result of inaccurate or inadequate information provided by the Sponsor will be addressed per the provisions of Section (3) of this Agreement. The Consultant shall not be liable for any errors, omissions, or deficiencies resulting from inaccurate or inadequate information furnished by the Sponsor which inaccuracies or inadequacies are not detected by the Consultant, unless the errors should have been detected by the Consultant through reasonable diligence.

(5) RESPONSIBILITY OF THE CONSULTANT:

(A) The Consultant shall comply with applicable local, state and federal laws and regulations governing these services, as published and in effect on the date of this Agreement, including but not limited to those listed in Exhibit IV. The Consultant shall provide the services in accordance with the criteria and requirements established and adopted by the Sponsor

(B) Without limiting the foregoing, design and construction criteria will be in accordance with the information set out in Exhibit I of this Agreement.

(C) The Consultant shall be responsible for the professional quality, technical accuracy, and the coordination of designs, drawings, specifications, and other services furnished under this Agreement. At any time during construction of the Sponsor project associated with this Agreement or during any phase of work performed by others on said project that is based upon data, plans, designs, or specifications provided by the Consultant, the Consultant shall prepare any data, plans, designs, or specifications needed to correct any negligent acts, errors, or omissions of the Consultant or anyone for whom it is legally responsible in failing to comply with the foregoing standard. The services necessary to correct such negligent acts, errors, or omissions shall be performed without additional compensation, even though final payment may have been received by the Consultant. The Consultant shall provide such services as expeditiously as is consistent with professional performance. Acceptance of the services will not relieve the Consultant of the responsibility to correct such negligent acts, errors, or omissions.

(D) Completed design reports, plans and specifications, plans and specifications submitted for review by permit authorities, and plans and specifications issued for construction shall be signed, sealed, and dated by a Professional Engineer registered in the State of Missouri. Incomplete or preliminary plans or other documents, when submitted for review by others, shall not be sealed, but the name of the responsible engineer, along with the engineer's Missouri registration number, shall be indicated on the design report, plans and specifications or included in the transmittal document. In addition, the phrase "Preliminary - Not for Construction," or similar language, shall be placed on the incomplete or preliminary plan(s) in an obvious location where it can readily be found, easily read, and not obscured by other markings, as a disclosure to others that the design report, plans and specifications are incomplete or preliminary. When the design report, plans and specifications are completed, the phrase "Preliminary - Not for Construction" or similar language shall be removed and the design report, plans and specifications shall thereupon be sealed.

(E) The Consultant shall cooperate fully with the Sponsor's activities on adjacent projects as may be directed by the Sponsor. This shall include attendance at meetings, discussions, and hearings as requested by the Sponsor. The minimum number and location of meetings shall be defined in Exhibit I.

(F) In the event any lawsuit or court proceeding of any kind is brought against the Sponsor, arising out of or relating to the Consultant's activities or services performed under this Agreement or any project of construction undertaken employing the deliverables provided by the Consultant in performing this Agreement, the Consultant shall have the affirmative duty to assist the Sponsor in preparing the Sponsor's defense, including, but not limited to, production of documents, trials, depositions, or court testimony. Any assistance given to the Sponsor by the Consultant will be compensated at an amount or rate negotiated between the Sponsor and the Consultant as will be identified in a separate agreement between the Sponsor and the Consultant. To the extent the assistance given to the Sponsor by the Consultant was necessary for the Sponsor to defend claims and liability due to the Consultant's negligent acts, errors, or omissions, the compensation paid by the Sponsor to the Consultant will be reimbursed to the Sponsor.

(6) NO SOLICITATION WARRANTY: The Consultant warrants that it has not employed or retained any company or person, other than a bona fide employee working for the Consultant, to solicit or secure this Agreement, and that it has not paid or agreed to pay any company or person, other than a bona fide employee, any fee, commission, percentage, brokerage fee, gifts, or any other consideration, contingent upon or resulting from the award or making of this Agreement. For breach or violation of this warranty, the Sponsor will have the right to terminate this Agreement without liability, or at its discretion, to deduct from the Agreement price or consideration, or otherwise recover, the full amount of such fee, commission, percentage, brokerage fee, gifts, or contingent fee, plus costs of collection including reasonable attorney's fees.

(7) SUCCESSORS AND ASSIGNS: The Sponsor and the Consultant agree that this Agreement and all agreements entered into under the provisions of this Agreement shall be binding upon the parties hereto and their successors and assigns.

(8) SUBCONSULTANTS:

(A) All Consultant's personnel engaged in the work shall be fully qualified and shall be authorized under state and local law to perform such services. None of the work or services covered by this Agreement shall be subcontracted without the prior written approval of Sponsor.

(B) The Consultant agrees and shall require the selected Subconsultants to maintain books, documents, papers, accounting records, and other evidence pertaining to direct costs and expenses incurred under the Agreement and to make such materials available at their offices at reasonable times during the Agreement period and for three (3) years from the date of final payment under the Agreement for inspection by the Sponsor or any of its authorized representatives, and copies thereof shall be furnished.

(C) Unless waived or modified by the Sponsor, the Consultant agrees to require, and shall provide evidence to the Sponsor, that those Subconsultants shall maintain commercial general liability, automobile liability, professional liability and worker's compensation and employer's liability insurance, or alternatively, a comparable umbrella insurance policy submitted to and approved by MoDOT, for not less than the period of services under such subconsultant agreements, and in an amount equal to the Sponsor's sovereign immunity caps as stated in section 537.600 RSMo and subsequently adjusted by the Missouri Department of Insurance. If the statutory limit of liability for a type of liability specified in this section is repealed or does not exist, the minimum coverage shall not be less than the following amounts:

1. Commercial General Liability: \$500,000.00 per person up to \$3,000,000.00 per occurrence;

2. Automobile Liability: \$500,000.00 per person up to \$3,000,000.00 per occurrence;

3. Worker's Compensation in accordance with the statutory limits; and Employer's Liability: \$1,000,000.00; and

4. Professional Liability: \$1,000,000.00, each claim and in the annual aggregate.

5. Aircraft Liability Coverage: \$5,000,000 per claim. The policy shall include all instances of aircraft use whether owned, unowned, or hired. Aircraft Liability Coverage requirement shall only be applicable to Subconsultants using aircraft in the performance of their services.

(D) The subletting of the services will in no way relieve the Consultant of its primary responsibility for the quality and performance of the services to be performed hereunder, and the Consultant shall assume full liability for the services performed by its Subconsultants.

(E) The payment for the services of any Subconsultants will be reimbursed at cost by the Sponsor in accordance with the submitted invoices for such services, as set forth in Section (9), entitled "Fees and Payments".

(F) The Consultant agrees to furnish a list of any approved DBE Subconsultants under this Agreement upon the request of the Sponsor. Further, the Consultant agrees to report to the Sponsor on a monthly basis the actual payments made by the Consultant to such DBE Subconsultants.

(G) The Consultant agrees that any agreement between the Consultant and any Subconsultant shall be lump sum if the amount of the agreement between the Consultant and Subconsultant exceeds Twenty-Five Thousand Dollars (\$25,000). Subconsultant agreements for amounts of \$25,000 or less may be lump sum or actual cost plus fixed fee.

(9) FEES AND PAYMENTS:

(A) The Consultant shall not proceed with the services described herein until the Consultant receives written authorization in the form of a Notice to Proceed from the Sponsor.

(B) The amount to be paid to the Consultant by the Sponsor as full remuneration for the performance of all services called for in this Agreement will be on the following basis, except that the lump sum fee for labor, overhead and profit plus other costs will not exceed a maximum amount payable of two hundred seventy three thousand eight hundred dollars (\$273,800.00), which is shown in Exhibit III, "Derivation of Consultant Project Costs", and Exhibit IV, "Engineering Basic and Special Services-Cost Breakdown" attached hereto and made a part of this Agreement. Payment under the provisions of this Agreement is limited to those costs incurred in accordance with generally accepted accounting principles to the extent they are considered necessary to the execution of the item of service.

(C) The Consultant's fee shall include the hourly salary of each associate and employee, salary-related expenses, general overhead, and direct non-salary costs as allowed by 48 CFR Part 31, the Federal Acquisition Regulations (FAR), and 23 CFR 172, Procurement, Management, and Administration of Engineering and Design Related Services. The hourly salary of each associate and employee is defined as the actual productive salaries expended to perform the services. The other billable costs for the project are defined as follows:

1. Salary-related expenses are additions to payroll cost for holidays, sick leave, vacation, group insurance, worker's compensation insurance, social security taxes (FICA), unemployment insurance, disability taxes, retirement benefits, and other related items.

2. General overhead cost additions are for administrative salaries (including non-productive salaries of associates and employees), equipment rental and maintenance, office rent and utilities, office maintenance, office supplies, insurance, taxes, professional development expenses, legal and audit fees, professional dues and licenses, use of electronic computer for accounting, and other related items.

3. Direct non-salary costs incurred in fulfilling the terms of this Agreement, such as but not limited to travel and subsistence, subcontract services, reproductions, computer charges, materials and supplies, and other related items, will be charged at actual cost without any override or additives.

4. The additions to productive salaries for Items in Subsections (9)(C) 1 and 2 will be established based on the latest audit.

5. The Consultant shall provide a detailed man hour/cost breakdown for each phase of the project indicating each job classification with base wage rates and the number of hours associated with each phase. The breakdown shall include work activities and be in sufficient detail to reflect the level of effort involved. This information shall be attached hereto and made a part of this Agreement as Exhibit IV "Engineering Basic and Special Services -Cost Breakdown".

6. The Consultant shall provide a detailed breakdown of all Subconsultant fees, including overhead and profit, when requested by the Sponsor. Once the cumulative amount to be paid to a Subconsultant by the Consultant, as full remuneration for the performance of services, as called for in this Agreement and any supplemental agreements hereafter, equals or exceeds Twenty-Five Thousand Dollars (\$25,000), submittal of a separate Exhibit III, "Derivation of Consultant Project Costs" and Exhibit IV, "Engineering Basic and Special Services-Cost Breakdown", prepared to solely reflect the Subconsultant's fees shall be attached hereto and made a part of this Agreement, subject to the process described in Section (3) of this Agreement. These Exhibits prepared to reflect the Subconsultant's fees shall be labeled Exhibit III-A and Exhibit IV-A, respectively.

7. The Consultant shall provide a detailed breakdown of all travel expense, living expense, reproduction expense, and any other expense that may be incurred throughout the project. These expenses must be project specific and not covered in or by an overhead rate.

8. The property and equipment used on this project such as automotive vehicles, survey equipment, office equipment, etc., shall be owned, rented, or leased by the Consultant, and charges will be made to the project for the use of such property at the rate established by company policies and practices. Approval of the Sponsor will be required prior to acquisition of reimbursable special equipment.

9. The Consultant agrees to pay each Subconsultant under this Agreement for satisfactory performance of its contract no later than 15 days from the Consultant's receipt of each payment the Consultant receives from the Sponsor. The Consultant agrees further to return retainage payments to each Subconsultant within 15 days after the Subconsultant's work is satisfactorily completed. Any delay or postponement of payment from the above referenced time frame may occur only for good cause following written approval of the Sponsor. This clause applies to both DBE and non-DBE Subconsultants.

(D) The Consultant shall submit an invoice for services rendered to the Sponsor not more than once every month. A progress summary indicating the current status of the services shall be submitted along with each invoice. Upon receipt of the invoice and progress summary, the Sponsor will, as soon as practical, but not later than 30 days from receipt, pay the Consultant for the services rendered, including the proportion of the fixed fee earned as reflected by the estimate of the portion of the services completed as shown by the progress summary, less partial payments previously made. A late payment charge of one and one half percent (1.5%) per month shall be assessed for those invoiced amounts not paid, through no fault of the Consultant, within 30 days after the Sponsor's receipt of the Consultant's invoice. The Sponsor will not be liable for the late payment charge on any invoice which requests payment for costs which exceed the proportion of the maximum amount payable earned as reflected by the estimate of the portion of the services completed, as shown by the progress summary.

(10) PERIOD OF SERVICE:

(A) The services, and if more than one, then each phase thereof, shall be completed in accordance with the schedule contained in Exhibit I, "Scope of Services". The Consultant and the Sponsor will be required to meet this schedule.

(B) The Consultant and Sponsor will be required to meet the schedules in this Agreement. The Sponsor will grant time extensions for delays due to unforeseeable causes beyond the control of and without fault or negligence of the Consultant and no claim for damage shall be made by either party. Requests for extensions of time shall be made in writing by the Consultant before that phase of work

is scheduled to be completed, stating fully the events giving rise to the request and justification for the time extension requested. The anticipated date of completion of the work, including review time, is stated in Exhibit I of this Agreement. An extension of time shall be the sole allowable compensation for any such delays, except as otherwise provided in Section (3) for additional/changed work and differing/unforeseen conditions.

(C) As used in this provision, the term "delays due to unforeseeable causes" include but are not limited to the following:

1. War or acts of war, declared or undeclared;
2. Flooding, earthquake, or other major natural disaster preventing the Consultant from performing necessary services at the project site, or in the Consultant's offices, at the time such services must be performed;
3. The discovery on the project of differing site conditions, hazardous substances, or other conditions which, in the sole judgment of the Sponsor, justifies a suspension of the services or necessitates modifications of the project design or plans by the Consultant;
4. Court proceedings;
5. Changes in services or extra services.
6. Delays in review by third parties unrelated to the Consultant.

(11) OWNERSHIP OF DRAWINGS AND DOCUMENTS:

(A) All drawings and documents prepared in performance of this Agreement shall be delivered to and become the property of the Sponsor upon suspension, abandonment, cancellation, termination, or completion of the Consultant's services hereunder; provided, however,

1. The Consultant shall have the right to their future use with written permission of the Sponsor;
2. The Consultant shall retain its rights in its standard drawing details, designs, specifications, CADD files, databases, computer software, and any other proprietary property; and
3. The Consultant shall retain its rights to intellectual property developed, utilized, or modified in the performance of the services subject to the following:
 - A. Copyrights. Sponsor, as the contracting agency, reserves a royalty-free, nonexclusive and irrevocable license to reproduce, publish or otherwise use, and to authorize others to use, for Governmental purposes:

I. The copyright in any works developed under this Agreement, or under a subgrant or contract under this Agreement; and

II. Any rights of copyright to which Sponsor, its Consultant or Subconsultant purchases ownership with payments provided by this Agreement.

B. Patents. Rights to inventions made under this Agreement shall be determined in accordance with 37 CFR Part 401. The standard patent rights clause at 37 CFR § 401.14, as modified below, is hereby incorporated by reference.

I. The terms "to be performed by a small business firm or domestic nonprofit organization" shall be deleted from paragraph (g)(1) of the clause;

II. Paragraphs(g)(2) and (g)(3) of the clause shall be deleted; and

III. Subsection (l) of the clause, entitled "communication" shall read as follows: "(l) Communication. All notifications required by this clause shall be submitted to the Sponsor".

IV. The following terms in 37 CFR 401.14 shall for the purpose of this Agreement have the following meaning:

Contractor - Consultant

Government and Federal Agency - Sponsor

Subcontractor - Subconsultant

4. Basic survey notes, design computations, and other data prepared under this Agreement shall be made available for use by the Sponsor without further compensation and without restriction or limitation on their use.

(B) Electronically Produced Documents:

1. Electronically produced documents will be submitted to the Sponsor, and/or FAA in data files compatible with AutoCAD 2022 (specify CADD version) and Adobe PDF. The Consultant makes no warranty as to the compatibility of the data files beyond the above specified release or version of the stated software.

2. Because data stored on electronic media can deteriorate undetected or be modified without the Consultant's knowledge, the electronic data files

submitted to the Sponsor will have an acceptance period of 60 calendar days after receipt by the Sponsor. If during that period the Sponsor finds any errors or omissions in the files, the Consultant will correct the errors or omissions as a part of this Agreement. However, any changes requested by the Sponsor during the 60 calendar day acceptance period that constitute Additional Services under Section (3) shall be compensated in accordance with the terms of the Agreement. The Consultant will not be responsible for maintaining copies of the submitted electronic data files after the acceptance period.

3. Any changes requested after the acceptance period will be considered additional services for which the Consultant shall be reimbursed at the hourly rates established herein plus the cost of materials.

4. The data on the electronic media shall not be considered the Consultant's instrument of service. Only the submitted hard copy documents with the Consultant Engineer's seal on them will be considered the instrument of service. The Consultant's nameplate shall be removed from all electronic media provided to the Sponsor.

(C) The Sponsor may incorporate any portion of the deliverables into a project other than that for which they were performed, without further compensation to the Consultant; provided however, that (1) such deliverables shall thereupon be deemed to be the work product of the Sponsor, and the Sponsor shall use same at its sole risk and expense; and (2) the Sponsor shall remove the Consultant's name, seal, endorsement, and all other indices of authorship from the deliverables.

(12) DECISIONS UNDER THIS AGREEMENT AND DISPUTES:

(A) The Sponsor will determine the acceptability of the drawings, specifications, and estimates and all other deliverables to be furnished, and will decide the questions that may arise relative to the proper performance of this Agreement. The determination of acceptable deliverables may occur following final payment, and as late as during the construction of the project which decisions shall be conclusive, binding and incontestable, if not arbitrary, capricious or the result of fraud.

(B) The Sponsor will decide all questions which may arise as to the quality, quantity, and acceptability of services performed by Consultant and as to the rate of progress of the services; all questions which may arise as to the interpretation of the plans and specifications; all questions as to the acceptable fulfillment of the Agreement on the part of the Consultant; the proper compensation for performance or breach of the Agreement; and all claims of any character whatsoever in connection with or growing out of the services of the Consultant, whether claims under this Agreement or otherwise. The Sponsor's decisions shall be conclusive, binding and incontestable if not arbitrary, capricious or the result of fraud.

(C) If the Consultant has a claim for payment against the Sponsor which in any way arises out of the provisions of this Agreement or the performance or non-

performance hereunder, written notice of such claim must be made within sixty (60) days of the Consultant's receipt of payment for the retained percentage. Notwithstanding Section (23) of this Agreement, the notice of claim shall be personally delivered or sent by certified mail to the Sponsor. The notice of claim shall contain an itemized statement showing completely and fully the items and amounts forming the basis of the claim and the factual and legal basis of the claim.

(D) Any claim for payment or an item of any such claim not included in the notice of claim and itemized statement, or any such claim not filed within the time provided by this provision shall be forever waived, and shall neither constitute the basis of nor be included in any legal action, counterclaim, set-off, or arbitration against the Sponsor.

(E) The claims procedure in Subsections (13)(C) and (D) does not apply to any claims of the Sponsor against the Consultant. Further, any claims of the Sponsor against the Consultant under this Agreement are not waived or estopped by the claims procedure in Subsections (13)(C) and (D).

(F) Notwithstanding Subsections (13)(A) through (E) above, in the event of any material dispute hereunder, both parties agree to pursue, diligently and in good faith, a mutually acceptable resolution.

(13) INDEMNIFICATION RESPONSIBILITY:

(A) The Consultant agrees to save harmless the Sponsor and the FAA from all liability, losses, damages, and judgments for bodily injury, including death and property damage to the extent due to the Consultant's negligent acts, errors, or omissions in the services performed or to be performed under this Agreement, including those negligent acts, errors, or omissions of the Consultant's employees, agents, and Subconsultants.

(B) The Consultant shall be responsible for the direct damages incurred by the Sponsor as result of the negligent acts, errors, or omissions of the Consultant or anyone for whom the Consultant is legally responsible, and for any losses or costs to repair or remedy construction as a result of such negligent acts, errors or omissions; provided, however, the Consultant shall not be liable to the Sponsor for such losses, costs, repairs and/or remedies which constitute betterment of or an addition of value to the construction or the project.

(C) Neither the Sponsor's review, approval or acceptance of or payment for any services required under this Agreement, nor the termination of this Agreement prior to its completion, will be construed to operate as a waiver of any right under this Agreement or any cause of action arising out of the performance of this Agreement. This indemnification responsibility survives the completion of this Agreement.

(14) INSURANCE:

(A) The Consultant shall maintain commercial general liability, automobile liability, and worker's compensation and employer's liability insurance in full force and effect to protect the Consultant from claims under Worker's Compensation Acts, claims for damages for personal injury or death, and for damages to property from the negligent acts, errors, or omissions of the Consultant and its employees, agents, and Subconsultants in the performance of the services covered by this Agreement, including, without limitation, risks insured against in commercial general liability policies.

(B) The Consultant shall also maintain professional liability insurance to protect the Consultant against the negligent acts, errors, or omissions of the Consultant and those for whom it is legally responsible, arising out of the performance of professional services under this Agreement.

(C) The Consultant's insurance coverages shall be for not less than the following limits of liability:

1. Commercial General Liability: \$500,000.00 per person up to \$3,000,000.00 per occurrence;
2. Automobile Liability: \$500,000.00 per person up to \$3,000,000.00 per occurrence;
3. Worker's Compensation in accordance with the statutory limits; and Employer's Liability: \$1,000,000.00; and
4. Professional ("Errors and Omissions") Liability: \$1,000,000.00, each claim and in the annual aggregate.

(D) In lieu of the minimum coverage stated in Subsections (14)(C)(1) and (C)(2) above, the Consultant may obtain insurance at all times in an amount equal to the Sponsor's sovereign immunity caps as stated in section 537.600 RSMo and subsequently adjusted by the Missouri Department of Insurance. If the statutory limit of liability for a type of liability specified in this section is repealed or does not exist, the Consultant shall obtain insurance with the minimum coverage stated in Subsections (14)(C)(1) and (C)(2) above.

(E) The Consultant shall, upon request at any time, provide the Sponsor with certificates of insurance evidencing the Consultant's commercial general or professional liability ("Errors and Omissions") policies and evidencing that they and all other required insurance is in effect, as to the services under this Agreement.

(F) Any insurance policy required as specified in Section (14) shall be written by a company which is incorporated in the United States of America or is based in the United States of America. Each insurance policy must be issued by a company authorized to issue such insurance in the State of Missouri.

(15) CONSTRUCTION PHASE OF THE PROJECT:

(A) This Agreement does not include construction phase services. Review of shop drawings and other construction phase services can be added by Supplemental Agreement after design has been completed and the construction contract period has been determined.

(B) Because the Consultant has no control over the cost of labor, materials, equipment, or services furnished by others, or over the construction contractor(s)' methods of determining prices, or over competitive bidding or market conditions, any of the Consultant's opinions of probable project costs and/or construction cost, if provided for herein, are to be made on the basis of the Consultant's experience and qualifications and represent the Consultant's best judgment as an experienced and qualified design professional, familiar with the construction industry, but the Consultant cannot and does not guarantee that proposals, bids, or actual total project costs and/or construction costs will not vary from opinions of probable costs prepared by the Consultant.

(C) The Consultant shall not have control over or charge of and shall not be responsible for construction means, methods, techniques, sequences, or procedures, or for safety precautions and programs in connection with the construction work, since these are solely the construction contractor(s)' responsibility under the construction contract(s). The Consultant shall not be responsible for the construction contractor(s)' schedules or failure to carry out the construction work in accordance with the construction contract(s). The Consultant shall not have control over or charge of acts of omissions of the construction contractor(s), or any of its or their subcontractors, agents, or employees, or of any other persons performing portions of the construction work.

(16) ACTIONS: No action may be brought by either party hereto concerning any matter, thing, or dispute arising out of or relating to the terms, performance, non-performance, or otherwise of this Agreement except in the Circuit Court of Boone County, Missouri. The parties agree that this Agreement is entered into at Columbia, Missouri and substantial elements of its performance will take place or be delivered at Columbia, Missouri, by reason of which the Consultant consents to venue of any action against it in Boone County, Missouri. The Consultant shall cause this provision to be incorporated into all of its agreements with, and to be binding upon, all Subconsultants of the Consultant in the performance of this Agreement.

(17) AUDIT OF RECORDS: For purpose of an audit, the Consultant shall maintain all those records relating to direct costs and expenses incurred under this Agreement, including but not limited to invoices, payrolls, bills, receipts, etc. These records must be available at all reasonable times to the Sponsor, the FAA, and the Comptroller General of the United States or their designees and representatives, at the Consultant's offices, at no charge, during the Agreement period and any extension thereof, and for the three (3) year period following the date of final payment made under this Agreement. If the Sponsor has notice of a potential claim against the Consultant and/or the Sponsor based on the Consultant's services under this Agreement, the Consultant, upon written request of the Sponsor, shall retain and preserve its records until the Sponsor has advised the Consultant in writing that the disputed claim is resolved.

Notwithstanding the foregoing, in no event shall Consultant's rates, build-up of such rates, or services performed on a lump sum basis be subject to audit.

(18) **NOTICE TO THE PARTIES:** All notices or communications required by this Agreement shall be made in writing and shall be effective upon receipt by the Sponsor or the Consultant at their respective addresses of record. Letters or other documents which are prepared in 8.5 x 11 inch format may be delivered electronic mail, provided that an original is received at the same address as to which that email message was sent. Either party may change its address of record by written notice to the other party.

(A) **Notice to the Sponsor:** Notices to the Sponsor shall be addressed and delivered to the following Sponsor's representative, who is hereby designated by the Sponsor as its primary authorized representative for administration, interpretation, review, and enforcement of this Agreement and the services of the Consultant hereunder:

NAME AND TITLE OF SPONSOR'S REPRESENTATIVE	Stacey Button, Director of Economic Development		
SPONSOR'S NAME	City of Columbia, Missouri		
SPONSOR'S ADDRESS	P.O. Box 6015 Columbia, Missouri 65205		
PHONE	573-441-5542	PHONE	573-441-5542
E-MAIL ADDRESS	Stacey.Button@CoMo.gov		

The Sponsor reserves the right to substitute another person for the individual named at any time, and to designate one or more other representatives to have authority to act upon its behalf generally or in limited capacities, as the Sponsor may now or hereafter deem appropriate. Such substitution or designations shall be made by the Sponsor in a written notice to the Consultant.

(B) **Notice to the Consultant:** Notices to Consultant shall be addressed and delivered to Consultant's representative, as follows:

NAME AND TITLE OF CONSULTANT'S REPRESENTATIVE	Ryan Lorton, Project Manager
CONSULTANT'S NAME	Burns & McDonnell Engineering Co., Inc.
CONSULTANT'S ADDRESS	9400 Ward Parkway, Kansas City, MO 64114

PHONE	816-447-9822	PHONE	816-447-9822
E-MAIL ADDRESS	rblorton@burnsmcd.com		

The Consultant reserves the right to substitute another person for the individual named at any time, and to designate one or more other representatives to have authority to act upon its behalf generally or in limited capacities, as the Consultant may now or hereafter deem appropriate. Such substitutions or designations shall be made by the Consultant's president or chief executive officer in a written notice to the Sponsor.

(19) LAW OF MISSOURI TO GOVERN: This Agreement shall be construed according to the laws of the State of Missouri. The Consultant shall comply with all local, state, and federal laws and regulations which govern the performance of this Agreement.

(20) CONFIDENTIALITY: The Consultant agrees that the Consultant's services under this Agreement are a confidential matter between the Consultant and the Sponsor. The Consultant shall not disclose any aspect of the Consultant's services under this Agreement to any other person, corporation, governmental entity, or news media, excepting only to Consultant's lawyers, accountants, insurers, and such employees, Subconsultants, and agents as may be necessary to allow them to perform services for the Consultant in the furtherance of this Agreement, without the prior approval of the Sponsor; provided, however, that any confidentiality and non-disclosure requirements set out herein shall not apply to any of the Consultant's services or to any information which (1) is already in the public domain or is already in the Consultant's possession at the time the Consultant performs the services or comes into possession of the information; (2) is received from a third party without any confidentiality obligations; or (3) is required to be disclosed by governmental or judicial order. Any disclosure pursuant to a request to the Sponsor under Chapter 610, RSMo, shall not constitute a breach of this Agreement. The content and extent of any authorized disclosure shall be coordinated fully with and under the direction of the Sponsor, in advance.

(21) SOLE BENEFICIARY: This Agreement is made for the sole benefit of the parties hereto and nothing in this Agreement shall be construed to give any rights or benefits to anyone other than the Sponsor and the Consultant.

(22) SEVERABILITY AND SURVIVAL:

(A) Any provision or part of this Agreement held to be void or unenforceable under any law or regulation shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon the Sponsor and the Consultant.

(B) All express representations, indemnifications, or limitations of liability made or given in this Agreement will survive the completion of all services by the Consultant under this Agreement or the termination of this Agreement for any reason.

(23) AMENDMENTS: Any change in this Agreement, whether by modification or supplementation, must be accomplished by a formal contract amendment signed and

approved by the duly authorized representative of the Sponsor and the Consultant.

(24) EMPLOYMENT OF UNAUTHORIZED ALIENS PROHIBITED: Consultant agrees to comply with Missouri State Statute Section 285.530 in that Consultant shall not knowingly employ, hire for employment, or continue to employ an unauthorized alien to perform work within the State of Missouri. As a condition for the award of this contract, Consultant shall, by sworn affidavit and provision of documentation, affirm its enrollment and participation in a federal work authorization program with respect to the employees working in connection with the contracted services. Consultant shall also sign an affidavit affirming that it does not knowingly employ any person who is an unauthorized alien in connection with the contracted services. Consultant shall require each subconsultant to affirmatively state in its contract with Consultant that the subconsultant shall not knowingly employ, hire for employment or continue to employ an unauthorized alien to perform work within the State of Missouri. Consultant shall also require each subconsultant to provide Consultant with a sworn affidavit under the penalty of perjury attesting to the fact that the subconsultant's employees are lawfully present in the United States.

(25) MISSOURI SUNSHINE LAW: The Parties agree that the Agreement shall be interpreted in accordance with the provisions of the Missouri Sunshine Law, as amended. Consultant shall maintain the confidentiality of information and records which are not subject to public disclosure under the Sunshine Law.

(26) ANTI-DISCRIMINATION AGAINST ISRAEL: If applicable under Section 34.600 RSMo, and to the extent not in violation of any state or federal constitution, Contractor hereby certifies that Consultant is not currently engaged in and shall not for the duration of the contract, engage in a boycott of goods or services from the State of Israel; companies doing business in or with Israel or authorized by, licensed by, or organized under the laws of the State of Israel; or persons or entities doing business in the State of Israel.

(27) NO WAIVER OF IMMUNITIES: In no event shall the language of this Agreement constitute or be construed as a waiver or limitation for either party's rights or defenses with regard to each party's applicable sovereign, governmental, or official immunities and protections as provided by federal and state constitutions or laws.

(28) COUNTERPARTS AND ELECTRONIC SIGNATURES: This Agreement may be signed in one or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same document. Faxed signatures, or scanned and electronically transmitted signatures, on this Agreement or any notice delivered pursuant to this Agreement, shall be deemed to have the same legal effect as original signatures on this Agreement.

(29) ATTACHMENTS: The following Exhibits and other documents are attached to and made a part of this Agreement:

- (A) Exhibit I: Scope of Basic Services
- (B) Exhibit II: Services Provided by the Sponsor

- (B) Exhibit III: Derivation of Consultant Project Costs.
- (C) Exhibit IV: Engineering Basic and Special Services - Cost Breakdown.
- (D) Exhibit V: Federal Contract Provisions for A/E Agreements

IN WITNESS WHEREOF, the parties hereto have entered into this Agreement, executed by their respective proper officials, on the date last written below.

CITY OF COLUMBIA, MISSOURI

DocuSigned by:
By: De'Carlton Seewood
8564D3D77F5D430...
De'Carlton Seewood, City Manager
Date: 11/21/2023

(Handwritten signature and date 11/21/23)

ATTEST:

DocuSigned by:
By: *(Signature)*
4E1F069B868D40A...
Sneela Amin, City Clerk

APPROVED AS TO FORM:

DocuSigned by:
By: *(Signature)* ^{DS} *(Signature)*
DA01C98E798B4D2...
Nancy Thompson, City Counselor/kmm

BURNS & MCDONNELL ENGINEERING COMPANY, INC.

By: *(Signature)*
Date: November 7, 2023

ATTEST:

By: *(Signature)*
Name: Ryan B. Lorton

EXHIBIT I
11/6/2023
SCOPE OF BASIC SERVICES
FOR
RUNWAY 2-20 PAVEMENT REPAIRS
AT
COLUMBIA REGIONAL AIRPORT

A. PROJECT NAME:

1. **Project Name:** Design of Runway 2-20 Pavement Repairs at the Columbia Regional Airport (COU) in Columbia, Missouri.
2. **Description of Improvements:** The proposed improvements are shown in Figure No. 1. The description of planned improvements is described herein as follows:
 - a. Area A: Select pavement removal and replacement, spall repairs, joint sealant replacement and painting on Runway 2-20 north of the south TW A intersection rehabilitated in 2019 up to the south edge of the runway pavement that was rehabilitated in 2019 at the intersection with the Taxiway A1 connector.
 - b. Area B: Select pavement removal and replacement, spall repairs, joint sealant replacement and painting on Runway 2-20 north of the TW A1 intersection rehabilitated in 2019 up to the south edge of the runway pavement that was rehabilitated in 2019 at the intersection with the Taxiway A2 connector.
 - c. Area C: Select pavement removal and replacement, spall repairs, joint sealant replacement and painting on Runway 2-20 north of the TW A2 intersection rehabilitated in 2019 up to the south edge of the runway pavement that was rehabilitated in 2019 north of the intersection with the Taxiway B connector.

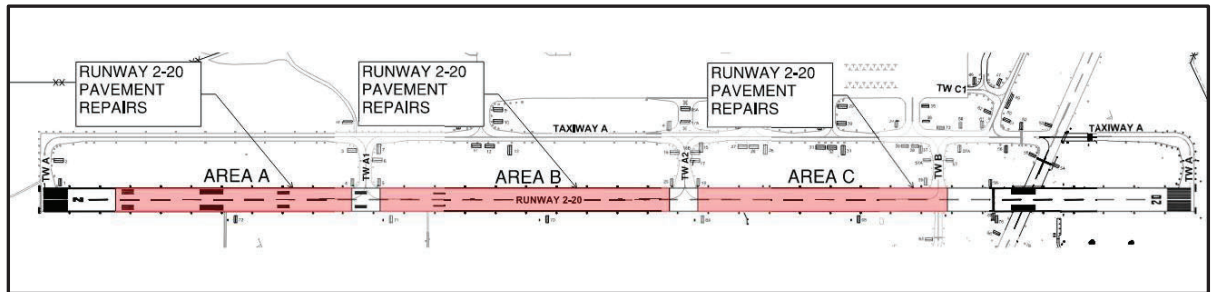


Figure No. 1

B. DESCRIPTION OF SERVICES TO BE PERFORMED

CONSULTANT has developed the following Scope of Services to perform engineering services for the aforementioned project. The Scope of Services is defined as follows:

1. **Preliminary Design Phase:** This phase includes activities for defining the scope of the project and establishing preliminary requirements. The elements of work for this task include:

- a. Perform onsite visual observations to determine the extent of the improvements to Runway 2-20. Attendees for the CONSULTANT include Project Manager and Project Civil Engineer.
- b. Prepare Scope of Work for Geotechnical Services.
 1. Perform Geotechnical exploratory investigation including pavement coring / boring at six (6) locations within the Runway 2-20 footprint.
 2. Perform laboratory tests on soil samples obtained from the work area. Tests to include the following:
 - a. Moisture Content
 - b. Dry Unit Weight
 - c. Sieve Analysis
 - d. Atterberg Limits
 - e. Unconfined Compression
 - f. Swell Pressure
 - g. Consolidation
 - h. Compaction Characteristics
 - i. Chemical Analysis for pH, Sulfates & Sulfides
 3. Prepare a Geotechnical Report containing a description of the drilling and sampling program, a description of the geology and subsurface conditions encountered, groundwater conditions, typed boring logs with a boring location plan, and results of the laboratory testing program. The Geotechnical Report shall contain geotechnical recommendations for the design and construction of pavement and earthwork for the proposed project.
- c. Prepare a Scope of Work for Topographical Surveying Services. In general, the work will include:
 1. Establish Runway 2-20 baselines and set control points.
 2. Establish horizontal control in NAD 83 coordinates.
 3. Establish vertical control at the airport based on USGS datum.
 4. Establish benchmarks for construction.
 5. Obtain spot elevations of existing slabs on Runway 2-20 in selected repair locations.
 6. Collect exploratory investigation data of utilities in the work area as obtained from the Missouri One Call System, airport personnel, FAA personnel, record drawings, and utility company personnel.
- d. Develop a Preliminary Rough Order of Magnitude Cost Estimate and submit to the SPONSOR for budgeting purposes. Monitor and report changes in the project budget throughout the project.
- e. Develop a preliminary schedule for construction and submit to the SPONSOR for review. Monitor and report changes to the schedule throughout the project.
- f. Prepare preliminary site plans for development of construction phasing and coordination with the City, Airline, ATC, FAA Technical Operations Group, and FBOs.

- g. Prepare a preliminary design report per FAA Central Region AIP Guide Section 920 in PDF format. Design Report will include considerations for incremental phasing of the project work.
- h. Prepare FAA Pavement Design Form 5100-100. A life cycle cost evaluation for the pavement sections designed will be developed and a recommended section presented.
- i. Prepare and submit FAA forms 7460-1. Anticipate submittals for construction work areas, staging areas, haul routes, and anticipated potential construction phasing scenarios.
- j. Prepare a preliminary Construction Safety and Phasing Plan (CSPP) per AC 150/5370-2F. The CSPP, contract drawings, and associated bid form will be developed for a single Base Bid Package. This CSPP will be submitted at the preliminary 30 percent level of completion of plans and specifications.
- k. Attend and conduct a preliminary design virtual meeting with the SPONSOR and FAA. Attendees for the CONSULTANT will include the Project Manager and Lead Project Civil Engineer.

2. Design Phase: This phase will include the activities required to develop the project design documents showing the character and scope of work to be performed by Contractors on the project. The design of this project is based on the FAA Standards contained on the list found at https://www.faa.gov/sites/faa.gov/files/aip-pfc-checklist_0.pdf.

The specific tasks that will be performed in this phase include:

- a. Prepare construction Bid Documents. The anticipated drawing list may include the following:
 - 1. Cover Sheet
 - 2. Index, Legend, Abbreviations, and Summary of Quantities
 - 3. Access and Safety Plan
 - 4. Overall Phasing Plan
 - 5. Overall Sign Closure Plan
 - 6. Construction Safety Details
 - 7. Overall Demolition Plan
 - 8. Demolition Plan – 1
 - 9. Demolition Plan – 2
 - 10. Demolition Plan – 3
 - 11. Demolition Plan – 4
 - 12. Demolition Plan – 5
 - 13. Overall Site Plan
 - 14. Site Plan Pavement Replacement & Repairs – 1
 - 15. Site Plan Pavement Replacement & Repairs – 2
 - 16. Site Plan Pavement Replacement & Repairs – 3
 - 17. Site Plan Pavement Replacement & Repairs – 4
 - 18. Site Plan Pavement Replacement & Repairs – 5
 - 19. Site Plan Pavement Replacement & Repairs – 6

20. Site Plan Pavement Replacement & Repairs – 7
21. Site Plan Pavement Replacement & Repairs – 8
22. Site Plan Pavement Replacement & Repairs – 9
23. Site Plan Pavement Replacement & Repairs – 10
24. Site Plan Pavement Replacement & Repairs – 11
25. Site Plan Pavement Replacement & Repairs – 12
26. Overall Grading & Drainage Plan
27. Drainage & Erosion Control Details
28. Pavement Jointing & Elevation Plan - 1
29. Pavement Jointing & Elevation Plan – 2
30. Pavement Jointing & Elevation Plan – 3
31. Pavement Jointing & Elevation Plan – 4
32. Pavement Jointing & Elevation Plan - 5
33. Sawcut Grooving Plan
34. Pavement Section and Jointing Details
35. Overall Pavement Marking Plan
36. Pavement Marking Plan – 1
37. Pavement Marking Plan – 2
38. Pavement Marking Plan – 3
39. Pavement Marking Plan – 4
40. Pavement Marking Plan – 5
41. Pavement Marking Plan – 6
42. Pavement Marking Details – 1
43. Pavement Marking Details - 2

b. Prepare a Construction Storm Water Pollution Prevention Plan (SWPPP).

c. Develop a Construction Observation Program, (COP). This document will be included as an Appendix in the Project Manual and outline the general responsibilities of the Sponsor, the Federal Aviation Administration (FAA), Consultant and Construction Contractor. The document will be developed in accordance with FAA's Section 1030 – Construction Observation Program. The COP will include the following items:

1. Name of the person representing the Sponsor who has overall responsibility of contract administration for the project and the authority to take necessary actions to comply with the contract.
2. Names of testing laboratories and a certificate of accreditation, indicating proficiency in specific test standards.
3. Names of other engineering firms with quality assurance responsibilities for the project including a description of the services to be provided by each firm.
4. Listing of qualifications for the Consultant's management team including: Project Manager, site observers, laboratory personnel, and testing personnel.
5. Listing of all tests required by the contract specifications, including the type and frequency of tests to be taken, the method of sampling, the

applicable test standard, and the acceptance criteria or tolerances permitted for each type of test.

6. Identifying procedures to document the following:
 - a. Tests are taken in accordance with the approved construction observation program.
 - b. Tests are documented properly.
 - c. Corrective actions/retesting are taken for failed tests.
 - d. Mix designs meet project specifications and Consultant's approval is properly documented.
 - e. Quality and quantity of materials meet project requirements.
- d. Prepare project technical specifications.
- e. Prepare Standard FAA and SPONSOR front-end documents outlining bid procedures and processes in accordance with FAA and City of Columbia procurement regulations. Liquidated damage provisions associated with completion of each phase within the specified calendar days will be included in the Contract Documents to be paid by the Construction Contractor.
- f. Revise the preliminary cost estimate for the final engineer's estimate of probable cost.
- g. Revise the preliminary construction schedule.
- h. Prepare the final design report following FAA Central Region AIP Guide Section 920.
- i. Prepare the final Construction Safety and Phasing Plan (CSPP).
- j. Perform an internal Quality Review by the designers of the project.
- k. Perform an internal Quality Review by the independent senior level review team.
- l. Revise drawings and specifications per internal Quality Review comments.
- m. Stakeholder Meetings (2 Total Virtual Meetings) with two (2) representatives of the ENGINEER'S Team to discuss the project parameters and phasing of the work with the Airline, FBOs, FAA, ATCT and the City. These meetings will be held at approximately the 30% and 90% design levels.
- n. SPONSOR AND FAA 90% Review: Submitted documents will include:
 1. Project manual (including specifications) – PDF Format.
 2. Contract drawings – PDF Format.
 3. Final design report – PDF Format.
- o. Meet with SPONSOR at Columbia Regional Airport with two (2) representatives of the CONSULTANT'S team during plan production as an interim review of the project status.
- p. Revise 90% contract documents per SPONSOR and FAA review comments and resubmit to SPONSOR and FAA for bidding. Provide an electronic copy of project manual and construction drawings to SPONSOR for filing and use for distribution to contractors.

3. Bidding & Construction Award Phase: This phase will include basic services to assist the SPONSOR with bidding of the contract documents and reviewing and award of the bid, including the following activities:
 - a. Assist SPONSOR with advertising of the project.
 - b. Attend and conduct a pre-bid meeting with the SPONSOR. Attendees for the CONSULTANT will include the Project Manager and Project Civil Engineer.
 - c. Prepare any Addenda for the Project.
 - d. Respond to questions during the bidding phase.
 - e. Attend the bid opening and tabulate bids, analyze and provide recommendations to the SPONSOR. The recommendation letter will address the following items:
 1. Bid Date.
 2. Summarized bid tabulation.
 3. Evaluation of unit price extensions and total base bids.
 4. Addendums and acknowledgements.
 5. Additional insured cost, if any.
 6. DBE utilization, DBE Letter of Intent, DBE goal, and Good Faith Effort (GFE), review of GFE for compliance with the Sponsor's approved program.
 7. Buy American compliance.
 8. Tentative list of subcontractors.
 9. Confirm Bidders signatures.
 10. Bid Guarantee.
 11. Prequalification requirements, if any.
 12. Pre-Bid meeting (if used).
 13. Review of contractor qualifications.
 14. Debarment list verification.
 15. Recommendation of award.
 - f. Assist SPONSOR with preparing contract documents.
4. CONSTRUCTION PHASE SERVICES: This work will be determined upon completion of the project design. Construction Phase Services are not provided in this Scope of Work.

C. ESTIMATED TIME OF COMPLETION:

1. The time to complete the Scope of Services for Items identified in B.1. and B.2 of this Scope of Work is estimated at One Hundred Fifty (150) calendar days from the Notice to Proceed (NTP).
2. Table A identifies the planned schedule to complete the Scope of Services for items identified in B.1-B.2 of this Scope of Work.

TABLE A

Item	Duration (Calendar Days)
Preliminary Design Phase	75 Days from the Notice to Proceed date
Design Phase	75 Days from the FAA acceptance of preliminary design report
TOTAL CALENDAR DAYS	150

END OF SCOPE OF BASIC SERVICES

EXHIBIT II
11/6/2023
SERVICES PROVIDED BY THE SPONSOR
FOR
RUNWAY 2-20 PAVEMENT REPAIRS
AT
COLUMBIA REGIONAL AIRPORT

SERVICES PROVIDED BY THE SPONSOR

The Sponsor, as a part of this Agreement, shall provide the following:

1. Obtain approvals and permits from all governmental entities having jurisdiction over the project and such approvals and consents from others as may be necessary for completion of the project.
2. Prompt written notice to the Consultant whenever the Sponsor observes or knows of any development that affects the scope or timing of the Consultant's services.
3. One (1) copy of existing plans, standard drawings, bid item numbers, reports or other data the Sponsor may have on file regarding this project.
4. Pay all publishing costs for advertisements of notices, public hearings, request for proposals and other similar items. The Sponsor shall pay for all permits and licenses that may be required by local, state or federal authorities, and shall secure the necessary land easements and/or rights-of-way required for the project.
5. Issue Notices to Air Missions (NOTAM's) through the applicable FAA Flight Service Station, as applicable.
6. Disadvantaged business enterprise (DBE) goals for the project based upon proposed professional services to be provided.
7. Designate contact person.

END OF SERVICES PROVIDED BY THE SPONSOR

SUMMARY EXHIBIT III

DERIVATION OF CONSULTANT PROJECT COSTS

SUMMARY OF COSTS

Columbia Regional Airport

Runway 2-20 Pavement Repairs

Columbia, Missouri

BASIC & SPECIAL SERVICES

November 6, 2023

1 DIRECT SALARY COSTS

TITLE	HOURS	RATE/HR	COST (\$)		
			Office	Field	Contract
Principal	10.00	\$ 75.00	\$ 750.00	\$ -	\$ -
Project Manager	164.00	\$ 65.00	\$ 10,660.00	\$ -	\$ -
Sr. Civil Engineer	173.00	\$ 55.00	\$ 9,515.00	\$ -	\$ -
Staff Civil Engineer	358.00	\$ 40.00	\$ 14,320.00	\$ -	\$ -
Sr. Technician	302.00	\$ 45.00	\$ 13,590.00	\$ -	\$ -
Staff Technician	67.00	\$ 32.00	\$ 2,144.00	\$ -	\$ -
Geotechnical Engineer	28.00	\$ 60.00	\$ 1,680.00	\$ -	\$ -
Clerical	85.00	\$ 28.00	\$ 2,380.00	\$ -	\$ -
Total Hours	1,187.00				
Total Direct Salary Costs			\$ 55,039.00	\$ -	\$ -

2 LABOR & GENERAL ADMINISTRATIVE OVERHEAD

a. Percentage of Direct Salary Cost: (Office Rate) 240.27% \$ 132,242.21

3 SUBTOTAL**Summary of Items No. 1 and No. 2 (a,b,c):** \$ 187,281.21 \$ - \$ -4 PROFIT/FIXED FEE:

Percentage: 10.00% \$ 18,728.12 \$ - \$ -

5 SUBTOTAL**Summary of Items No. 1, No. 2 & No. 4: (Lump Sum Fee)** \$ 206,009.33 \$ - \$ -

SUMMARY EXHIBIT III

DERIVATION OF CONSULTANT PROJECT COSTS

SUMMARY OF COSTS

Columbia Regional Airport

Runway 2-20 Pavement Repairs

Columbia, Missouri

BASIC & SPECIAL SERVICES

November 6, 2023

6 OUT OF POCKET EXPENSES

OFFICE	No. of Units	Units	Cost/Unit				
Travel: Mileage	870.00	Miles	\$ 0.655	\$	569.85		
Food: Per Diem	5.00	Per Day	\$ 54.00	\$	270.00		
Lodging: Per Diem (incl. taxes)	0.00	Per Day	\$ 98.00	\$	-		
Rental Vehicle	0.00	Days	\$ 65.00	\$	-		
Airline	0.00	Hour	\$ 0.00	\$	-		
Printing, Shipping & Misc.				\$	391.05		
Subtotal				\$	1,230.90	\$	- \$ -

Summary of Out of Pocket Expenses: (Not to Exceed)\$ **1,230.90** \$ - \$ -7 SUBCONSULTANTS

Topographical Survey: Engineering Surveys & Services				\$	-	\$	-	\$	36,500.00
Geotechnical: TSi Geotechnical				\$	-	\$	-	\$	30,059.77
Subtotal (Not to Exceed)				\$	-	\$	-	\$	66,559.77

8 MAXIMUM TOTAL FEE**Subtotal** \$ **207,240.23** \$ - \$ **66,559.77****TOTAL (Lump Sum)**\$ **273,800.00**

SUMMARY EXHIBIT III

SUMMARY EXHIBIT IV														
DERIVATION OF CONSULTANT PROJECT COSTS														
SUMMARY OF COSTS														
Columbia Regional Airport														
Runway 2-20 Pavement Repairs														
Columbia, Missouri														
BASIC & SPECIAL SERVICES														
November 6, 2023														
		Principal	Project Manager	Sr. Civil Engineer	Staff Civil Engineer	Assistant Civil Engineer	Sr. Electrical Engineer	Staff Electrical Engineer	Sr. Technician	Staff Technician	Geotechnical Engineer	Clerical	Other Costs	
Gross Hourly Rates		\$ 280.72	\$ 243.29	\$ 205.86	\$ 149.72	\$ 134.75	\$ 209.61	\$ 172.18	\$ 168.43	\$ 119.78	\$ 224.58	\$ 104.80		
BASIC SERVICES														
	1	Preliminary Design:	4.0	30.0	53.0	69.0	0.0	0.0	0.0	42.0	20.0	28.0	15.0	Sum: (1, 2, 3, 4, & 5)
Total =		\$ 47,290.94	\$ 1,122.89	\$ 7,298.79	\$ 10,910.76	\$ 10,330.60	\$ -	\$ -	\$ -	\$ 7,074.21	\$ 2,395.50	\$ 6,288.19	\$ 1,572.05	\$ 297.95
	2	Design Services:	6.0	101.0	96.0	281.0	0.0	0.0	0.0	256.0	47.0	0.0	60.0	Sum: (1, 2, 3, 4, & 5)
Total =		\$ 143,338.24	\$ 1,684.34	\$ 24,572.60	\$ 19,762.88	\$ 42,070.98	\$ -	\$ -	\$ -	\$ 43,119.01	\$ 5,629.43	\$ -	\$ 6,288.19	\$ 210.81
	3	Bidding Services	0.0	33.0	24.0	8.0	0.0	0.0	0.0	4.0	0.0	0.0	10.0	Sum: (1, 2, 3, 4, & 5)
Total =		\$ 16,611.05	\$ -	\$ 8,028.67	\$ 4,940.72	\$ 1,197.75	\$ -	\$ -	\$ -	\$ 673.73	\$ -	\$ -	\$ 1,048.03	\$ 722.14
PART A SUBTOTAL		\$ 207,240.23												
SPECIAL SERVICES														
	1	Topographical Survey: Engineering Surveys & Services	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Sum: (1, 2, 3, 4, & 5)
Total =		\$ 36,500.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 36,500.00
	2	Geotechnical: TSi Geotechnical	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Sum: (1, 2, 3, 4, & 5)
Total =		\$ 30,059.77	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,059.77
PART B SUBTOTAL		\$ 66,559.77												
PART A & PART B TOTAL		\$ 273,800.00												
(1) Mileage, Motel & Meals (3) Computer Services (5) Miscellaneous Items Note: Subconsultant Costs (as used) are identified as a Special Services Task. (2) Equipment, Materials & Supplies (4) Vendor Services														
SUMMARY EXHIBIT IV														



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& Services**

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Columbia, MO 65201
www.ess-inc.com
573-449-2646

September 12, 2023

Mr. Ryan B. Lorton
Burns & McDonnell
9400 Ward Parkway
Kansas City, Missouri 64114

RE: COU Runway 2-20 Pavement
Repairs Topographic & Utility Survey

Dear Mr. Lorton:

At your request, we have estimated the work involved in preparing a topographic and utility survey for Runway 2-20 pavement repairs at the Columbia Regional Airport, located shown on the attached survey limits. The survey will include:

Verification and Establishment of Survey Control & Benchmarks

Location of all visible improvements within the survey limits

Pavement elevations on at joint locations to the hundredth of a foot

Ground elevations to the tenth of a foot

Utility locations that can be obtained from the Missouri One Call System, airport, FAA, or utility company personnel, and record drawings.

We will complete this survey, as described above, for a not-to-exceed cost of \$36,500.

Please contact me if you have any questions.

Respectfully,

Frederick E. Carroz III, PLS.

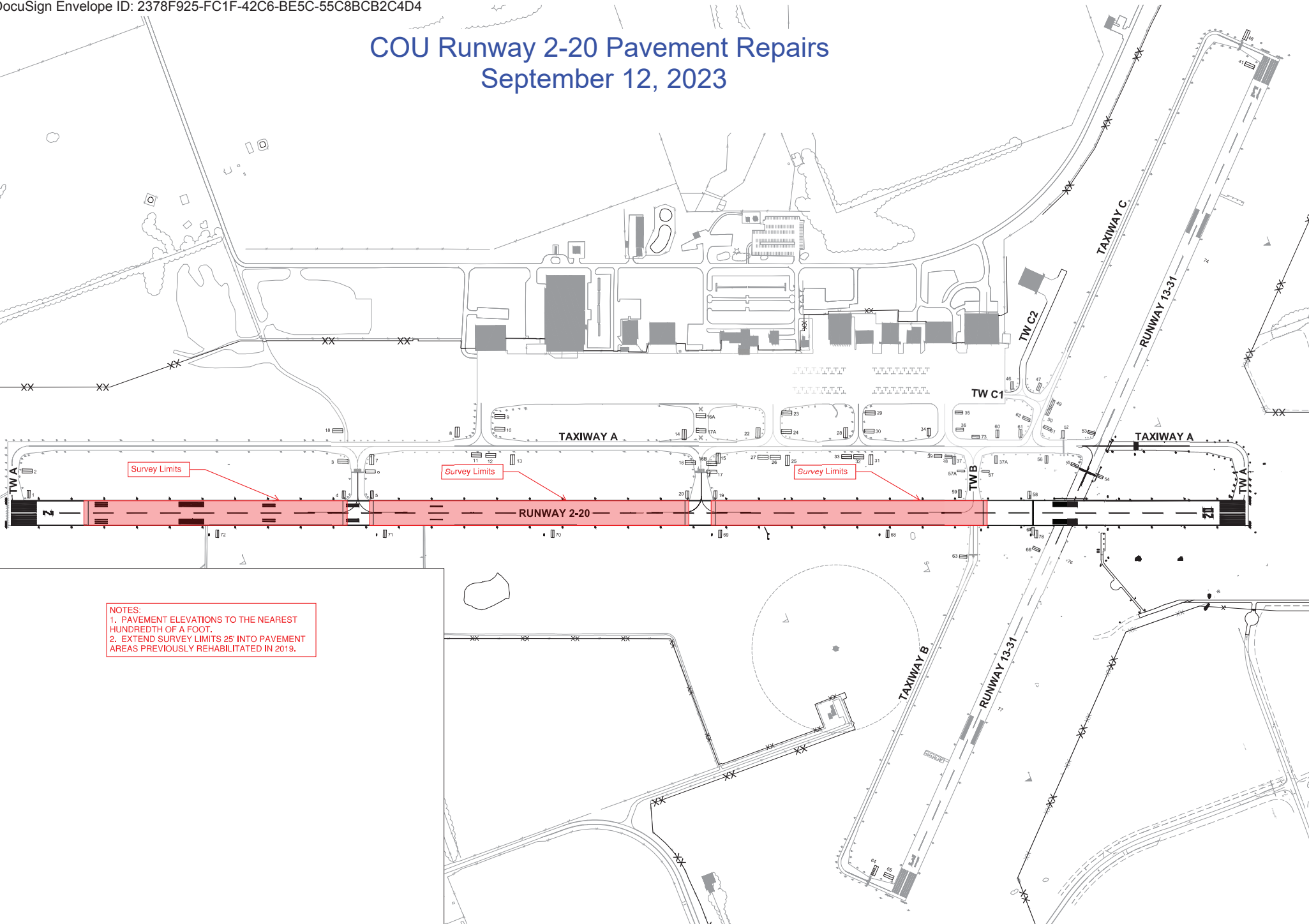
Vice President - Surveying

O: 573-449-2646 | M: 573-881-3733

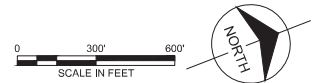
fcarroz@ess-inc.com

COU Runway 2-20 Pavement Repairs

September 12, 2023



NOTES:
1. PAVEMENT ELEVATIONS TO THE NEAREST HUNDREDTH OF A FOOT.
2. EXTEND SURVEY LIMITS 25' INTO PAVEMENT AREAS PREVIOUSLY REHABILITATED IN 2019.





September 12, 2023

Mr. Ryan Lorton
Burns & McDonnell
9400 Ward Parkway
Kansas City, Missouri 64114

**Re: Proposal for Subsurface Exploration and
Geotechnical Engineering Evaluation
COU – Runway 2-20 Pavement Repairs
Columbia, Missouri
TSi Proposal No: SLM23110.00**

Dear Mr. Lorton:

TSi Geotechnical, Inc. (TSi), an **M/W/DBE** firm, is pleased to submit this proposal Burns & McDonnell to perform a subsurface exploration and geotechnical data report and engineering evaluation for use in the Runway 2-20 Pavement Repair project at the Columbia Airport in Columbia, MO.

1.0 PROJECT UNDERSTANDING

We understand the proposed project consists of the evaluation of the existing subgrade and pavement sections to determine design for repair of portions of the existing runwat.

2.0 SCOPE OF SERVICES

Based on the proposed project, the geotechnical scope of services for this investigation will include drilling a total of six (6) borings. The borings will be taken down to 10-feet or auger refusal. At each location a pavement core will be obtained.

The Standard Penetration Tests (SPTs) or Shelby Tube samples will be obtained at 2.5-foot intervals for the upper 10-feet Where possible, delayed water level readings will be taken in the borings prior to backfilling the hole.

Proposal for Geotechnical Engineering Services
COU-Runway 2-20
TSi Proposal No: SLM2110.00
September 12, 2023
Page 2

The field explorations will be conducted under the continuous field supervision of one of TSi's geotechnical specialist. It is preferable that the boring locations be located in the field by the project surveyor, prior to the mobilization of the drill rig. If a boring must be offset due to a utility conflict or issues of access, TSi will note the offset distance and approximate elevation change on the boring logs. If TSi locates the borings, a labeled stake and/or paint marking will be left at each boring location for the project surveyor to locate and determine ground surface elevations after drilling is completed.

LABORATORY TESTING

A laboratory test program will be performed on samples recovered from the borings to estimate pertinent engineering properties of the soil overburden and soil properties for design. Laboratory tests may include the following:

- Visual descriptions by color and texture of each sample;
- Natural moisture content of soil samples;
- Atterberg limits on selected cohesive samples;
- Swell Tests;
- Pavement core photos; and
- Unconfined Compressive Strength tests on selected cohesive samples.

Proposal for Geotechnical Engineering Services
COU-Runway 2-20
TSi Proposal No: SLM2110.00
September 12, 2023
Page 3

3.0 GEOTECHNICAL REPORT

TSi will prepare a geotechnical study report that will contain the Logs of Boring and laboratory test results for the project, a description of the field exploration and laboratory test procedures, and a discussion of the site geology and the subsurface conditions encountered.

Based on our understanding of the project and the scope of services proposed, the geotechnical study report will address the following considerations:

- Subsurface conditions at the boring locations;
- Laboratory test results;
- Influence of groundwater on the project;
- Soil strength parameters;
- Soil remediation recommendations;
- Locations and descriptions of any existing fill or potentially deleterious materials encountered at the site that may interfere with construction progress or structure performance;
- Pavement Design considerations;
- Construction considerations; and
- Recommendations for fill and backfill materials, placement, and compaction.

Proposal for Geotechnical Engineering Services
COU-Runway 2-20
TSi Proposal No: SLM2110.00
September 12, 2023
Page 4

4.0 ASSUMPTIONS/CLARIFICATIONS

In preparing this proposal, TSi has made the following assumptions:

1. TSi assumes that the CLIENT will have permission to access sites.
2. TSi has constructed this estimate based on the proposed number of borings.
3. TSi can stake the borings in the field based on a proposed soil boring location plan that will be provided by the Engineer, by measuring from existing site features or handheld GPS device. If the boring location will not be staked by a professional surveyor, it will be approximate.
4. TSi understands that the work will be performed during normal daylight working hours. If the work does require night drilling, schedules may be delayed and fees will increase.
5. TSi will contact One-Call locating services regarding member utilities. A 72-hour time period is required by One-Call to clear utilities. We must be informed of the location of any private underground utility lines (such as irrigation or exterior lighting) at the site by the owner prior to starting our field work.
6. The borings will be backfilled with auger cuttings and pavements patched in kind. TSi is not responsible for settlement of soil cuttings over time in the borings.
7. TSi's drill crews are not union-affiliated, and the cost for a union operator and laborer are not included in this proposal fee.
8. Time and cost to complete Health and Safety requirements has been included in estimate.
9. TSi has assumed that the site is free of environmental concerns. If suspect odors or other evidence of contamination or hazardous materials are encountered, then drilling will be terminated per OSHA regulations, and suspended until appropriate health and safety protocol are developed by a qualified environmental specialist retained by CLIENT. The costs for any delays, for environmental consultation, or for implementation of the consultant's recommendations are not within the proposed scope or fees.
10. Unless requested in writing by the CLIENT, the soil and rock samples obtained during the subject geotechnical exploration will be disposed of by our laboratory approximately ninety (90) days after the issuance of the Geotechnical Report. Additional fees will apply if we are requested to store the samples beyond the ninety (90) day period.

Proposal for Geotechnical Engineering Services
COU-Runway 2-20
TSi Proposal No: SLM2110.00
September 12, 2023
Page 5

5.0 ESTIMATED COST

TSi's services for the project will be provided on a cost plus fixed fee basis. Based on the scope of services provided above and assuming no unanticipated subsurface conditions are encountered, the fee per site will be: \$30,059.77

If site conditions are encountered during the explorations that warrant additional work, we will notify you and discuss the necessary scope modification. However, the fees will not be exceeded without your authorization.

6.0 SCHEDULE OF WORK PERFORMANCE

Field work can begin within 4 to 5 weeks from written notice to proceed, weather permitting. The field exploration will take approximately 2 business days to complete. In summary, our report should be complete within approximately 3 to 4 weeks of completing field exploration. Design information can be provided upon request prior to the completion of the report, if this schedule is not acceptable.

Proposal for Geotechnical Engineering Services
COU-Runway 2-20
TSi Proposal No: SLM2110.00
September 12, 2023
Page 6

7.0 PROJECT LIMITATIONS

TSi will perform only those services outlined in this proposal. Burns & McDonnell and TSi may subsequently agree in writing to provide additional services under this agreement for additional compensation. Services provided by TSi will be consistent with the engineering standards prevailing at the time and in the area that the work is performed. No other warranty, expressed or implied, is intended.


This fee estimate has been prepared using TSi's standard fee schedule and the information provided by the Client. TSi reserves the right to revise this proposal and fee estimate, at any time, if any flow down and/or contract provisions are required by Client or Owner to conform with any local, state or federal wage act requirements, including but not limited to the Davis-Bacon Act, as Amended, the McNamara-O'Hara Service Contract Act, or others, the required use of union labor, or for any required quality control and quality assurance plans, safety, security, vehicle, drug and alcohol testing, or any third party payment fees, or other requirements not specified in the Client's request for proposal or not defined in TSi's scope of services.

If this proposal is acceptable to you, please issue us a subcontract to us for the work, in accordance with the scope and fee presented in this proposal. We appreciate the opportunity to present this proposal to you for your consideration. Please feel free to call us if you have any questions or if you wish to discuss it in greater detail.

Sincerely,
TSI GEOTECHNICAL, INC.



Andrew DeClue, P.E.
Director of Operations



Denise B. Hervey, P.E.
Principal

COU - Runway 2-20 Pavement Repairs**Columbia, Missouri
Geotechnical Study Cost Estimate
Unit Fee Schedule**

Valid for work completed prior to December 31, 2023



	Unit Cost		Qty	Estimated Amount
<u>Personnel</u>				
Principle	\$ 68.00	hour	1	\$ 68.00
Group Manager	\$ 67.00	hour	5	\$ 335.00
Sr. Engineer	\$ 62.00	hour	10	\$ 620.00
Engineer II	\$ 45.00	hour	20	\$ 900.00
Engineer I	\$ 35.00	hour	60	\$ 2,100.00
Admin	\$ 25.00	hour	2	\$ 50.00
Driller	\$ 40.00	hour	24	\$ 960.00
Drill Helper	\$ 29.00	day	24	\$ 696.00
			subtotal	\$ 5,729.00
Overhead	1.9354			\$ 11,087.91
Fixed Fee	14%			\$ 2,354.37
			subtotal	\$ 19,171.27
<u>Drilling & Misc. Expense</u>				
Mob/Demob beyond 60 miles of TSi office	\$ 9.75	mile	250	\$ 2,437.50
Rig Usage	\$ 650.00	day	2	\$ 1,300.00
Support Truck Usage	\$ 100.00	day	2	\$ 200.00
Mileage	\$ 0.75	mile	580	\$ 435.00
Set-up to core	\$ 150.00	each	6	\$ 900.00
Pavement Repair/Remove cuttings	\$ 75.00	each	6	\$ 450.00
Shelby Tubes	\$ 20.00	each	3	\$ 60.00
Bentonite Chips	\$ 25.00	bag	6	\$ 150.00
Sand	\$ 10.00	bag	6	\$ 60.00
Stemming Plugs	\$ 15.00	each	6	\$ 90.00
Health & Safety	\$ 1,500.00	LS	1	\$ 1,500.00
Per Diem	\$ 175.00	day	6	\$ 1,050.00
			subtotal	\$ 8,632.50
<u>Laboratory Testing</u>				
Classification	\$ 10.00	each	24	\$ 240.00
Moisture Content	\$ 8.00	day	24	\$ 192.00
Penetrometer	\$ 6.00	day	24	\$ 144.00
Extrusion	\$ 25.00	day	3	\$ 75.00
Unit Weight	\$ 35.00	bag	3	\$ 105.00
Unconfined Compression Test (soil)	\$ 100.00	each	3	\$ 300.00
Atterberg Limits	\$ 85.00	each	6	\$ 510.00
Free Swell	\$ 120.00	each	3	\$ 360.00
Core Photos	\$ 55.00	each	6	\$ 330.00
			subtotal	\$ 2,256.00
Total Fee Estimate				\$ 30,059.77

COU - Runway 2-20 Pavement Repairs

Columbia, Missouri Geotechnical Study Cost Estimate Unit Fee Schedule

Valid for work completed prior to December 31, 2023



	Unit Cost	Qty	Estimated Amount
--	-----------	-----	------------------

General Notes

1. Six Borings w/pavement cores to a depth of 10 feet.

EXHIBIT V Grant Requirements

Services at the Columbia Regional Airport

The City of Columbia receives federal funding from the FAA for its operation of the Columbia Regional Airport. Therefore, Contractor shall comply with the following additional requirements.

As used in this document, Contractor means the entity entering into the contract with the City of Columbia.

ACCESS TO RECORDS AND REPORTS

The Contractor must maintain an acceptable cost accounting system. The Contractor agrees to provide the Owner, the Federal Aviation Administration and the Comptroller General of the United States or any of their duly authorized representatives access to any books, documents, papers and records of the Contractor which are directly pertinent to the specific contract for the purpose of making audit, examination, excerpts and transcriptions. The Contractor agrees to maintain all books, records and reports required under this contract for a period of not less than three years after final payment is made and all pending matters are closed.

NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION TO ENSURE EQUAL EMPLOYMENT OPPORTUNITY

1. The Offeror's or Bidder's attention is called to the "Equal Opportunity Clause" and the "Standard Federal Equal Employment Opportunity Construction Contract Specifications" set forth herein.
2. The goals and timetables for minority and female participation, expressed in percentage terms for the Contractor's aggregate workforce in each trade on all construction work in the covered area, are as follows:

Timetables

Goals for minority participation for each trade:	6.3%
Goals for female participation in each trade:	6.9%

These goals are applicable to all of the Contractor's construction work (whether or not it is Federal or federally assisted) performed in the covered area. If the Contractor performs construction work in a geographical area located outside of the covered area, it shall apply the goals established for such geographical area where the work is actually performed. With regard to this second area, the Contractor also is subject to the goals for both its federally involved and non-federally involved construction.

The Contractor's compliance with the Executive Order and the regulations in 41 CFR Part 60-4 shall be based on its implementation of the Equal Opportunity Clause, specific affirmative action obligations required by the specifications set forth in 41 CFR 60-4.3(a) and its efforts to meet the goals. The hours of minority and female employment and training must be substantially uniform throughout the length of the contract, and in each trade, and the Contractor shall make a good faith effort to employ minorities and women evenly on each of its projects. The transfer

of minority or female employees or trainees from Contractor to Contractor or from project to project for the sole purpose of meeting the Contractor's goals shall be a violation of the contract, the Executive Order and the regulations in 41 CFR Part 60-4. Compliance with the goals will be measured against the total work hours performed.

3. The Contractor shall provide written notification to the Director of the Office of Federal Contract Compliance Programs (OFCCP) within 10 working days of award of any construction subcontract in excess of \$10,000 at any tier for construction work under the contract resulting from this solicitation. The notification shall list the name, address, and telephone number of the subcontractor; employer identification number of the subcontractor; estimated dollar amount of the subcontract; estimated starting and completion dates of the subcontract; and the geographical area in which the subcontract is to be performed.

4. As used in this notice and in the contract resulting from this solicitation, the "covered area" is Columbia, Boone County, Missouri.

BREACH OF CONTRACT TERMS

Any violation or breach of terms of this contract on the part of the Contractor or its subcontractors may result in the suspension or termination of this contract or such other action that may be necessary to enforce the rights of the parties of this agreement.

Owner will provide Contractor written notice that describes the nature of the breach and corrective actions the Contractor must undertake in order to avoid termination of the contract. Owner reserves the right to withhold payments to Contractor until such time the Contractor corrects the breach or the Owner elects to terminate the contract. The Owner's notice will identify a specific date by which the Contractor must correct the breach. Owner may proceed with termination of the contract if the Contractor fails to correct the breach by the deadline indicated in the Owner's notice.

The duties and obligations imposed by the Contract Documents and the rights and remedies available thereunder are in addition to, and not a limitation of, any duties, obligations, rights and remedies otherwise imposed or available by law.

GENERAL CIVIL RIGHTS PROVISIONS

The Contractor agrees to comply with pertinent statutes, Executive Orders and such rules as are promulgated to ensure that no person shall, on the grounds of race, creed, color, national origin, sex, age, or disability be excluded from participating in any activity conducted with or benefiting from Federal assistance.

This provision binds the Contractor and subcontractors from the bid solicitation period through the completion of the contract. This provision is in addition to that required by Title VI of the Civil Rights Act of 1964.

GENERAL CIVIL RIGHTS PROVISIONS

The Contractor agrees to comply with pertinent statutes, Executive Orders and such rules as are promulgated to ensure that no person shall, on the grounds of race, creed, color, national origin, sex, age, or disability be excluded from participating in any activity conducted with or benefiting

from Federal assistance. If the Contractor transfers its obligation to another, the transferee is obligated in the same manner as the Contractor.

This provision obligates the Contractor for the period during which the property is owned, used or possessed by the Contractor and the airport remains obligated to the Federal Aviation Administration. This provision is in addition to that required by Title VI of the Civil Rights Act of 1964.

CIVIL RIGHTS – TITLE VI ASSURANCE

Title VI Solicitation Notice:

The City of Columbia, Missouri, 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 any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded full and fair opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award.

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, or national origin 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.

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).

CLEAN AIR AND WATER POLLUTION CONTROL

Contractor agrees to comply with all applicable standards, orders, and regulations issued pursuant to the Clean Air Act (42 USC § 740-7671q) and the Federal Water Pollution Control Act as amended (33 USC § 1251-1387). The Contractor agrees to report any violation to the Owner immediately upon discovery. The Owner assumes responsibility for notifying the Environmental Protection Agency (EPA) and the Federal Aviation Administration.

Contractor must include this requirement in all subcontracts that exceeds \$150,000.

CONTRACT WORKHOURS AND SAFETY STANDARDS ACT REQUIREMENTS

1. Overtime Requirements.

No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic, including watchmen and guards, in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

2. Violation; Liability for Unpaid Wages; Liquidated Damages.

In the event of any violation of the clause set forth in paragraph (1) of this clause, the Contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (1) of this clause, in the sum of \$10 for each calendar day on which such individual

was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (1) of this clause.

3. Withholding for Unpaid Wages and Liquidated Damages.

The Federal Aviation Administration (FAA) or the Owner shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2) of this clause.

4. Subcontractors.

The Contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraphs (1) through (4) and also a clause requiring the subcontractor to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (1) through (4) of this clause.

COPELAND “ANTI-KICKBACK” ACT

Contractor must comply with the requirements of the Copeland “Anti-Kickback” Act (18 USC 874 and 40 USC 3145), as supplemented by Department of Labor regulation 29 CFR part 3. Contractor and subcontractors are prohibited from inducing, by any means, any person employed on the project to give up any part of the compensation to which the employee is entitled. The Contractor and each Subcontractor must submit to the Owner, a weekly statement on the wages paid to each employee performing on covered work during the prior week. Owner must report any violations of the Act to the Federal Aviation Administration.

DAVIS-BACON REQUIREMENTS

1. Minimum Wages.

(i) All laborers and mechanics employed or working upon the site of the work will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by the Secretary of Labor under the Copeland Act (29 CFR Part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalent thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the Contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph (1)(iv) of this section; also,

regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in 29 CFR Part 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: *Provided* that the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under (1)(ii) of this section) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the Contractor and its subcontractors at the site of the work in a prominent and accessible place where it can easily be seen by the workers.

(ii)(A) The contracting officer shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The contracting officer shall approve an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

(1) The work to be performed by the classification requested is not performed by a classification in the wage determination;

(2) The classification is utilized in the area by the construction industry; and

(3) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(B) If the Contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the contracting officer agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the contracting officer to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(C) In the event the Contractor, the laborers, or mechanics to be employed in the classification, or their representatives, and the contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits where appropriate), the contracting officer shall refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Administrator for determination. The Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(D) The wage rate (including fringe benefits where appropriate) determined pursuant to subparagraphs (1)(ii) (B) or (C) of this paragraph, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

(iii) Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

(iv) If the Contractor does not make payments to a trustee or other third person, the Contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program: *Provided* that the Secretary of Labor has found, upon the written request of the Contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the Contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

2. Withholding.

The Federal Aviation Administration or the sponsor shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld from the Contractor under this contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the Contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of work, all or part of the wages required by the contract, the Federal Aviation Administration may, after written notice to the Contractor, Sponsor, Applicant, or Owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

3. Payrolls and Basic Records.

(i) Payrolls and basic records relating thereto shall be maintained by the Contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker; his or her correct classification; hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in 1(b)(2)(B) of the Davis-Bacon Act); daily and weekly number of hours worked; deductions made; and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-Bacon Act, the Contractor shall maintain records that show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and that show the costs anticipated or the actual costs incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

(ii)(A) The Contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to the Federal Aviation Administration if the agency is a party to the contract, but if the agency is not such a party, the Contractor will submit the payrolls to the applicant, Sponsor, or Owner, as the case may be, for transmission to the Federal Aviation Administration. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g. the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at www.dol.gov/whd/forms/wh347instr.htm or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker and shall provide them upon request to the Federal Aviation Administration if the agency is a party to the contract, but if the agency is not such a party, the Contractor will submit them to the applicant, sponsor, or Owner, as the case may be, for transmission to the Federal Aviation Administration, the Contractor, or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the sponsoring government agency (or the applicant, Sponsor, or Owner).

(B) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the Contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

(1) The payroll for the payroll period contains the information required to be provided under 29 CFR § 5.5(a)(3)(ii), the appropriate information is being maintained under 29 CFR § 5.5 (a)(3)(i), and that such information is correct and complete;

(2) Each laborer and mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations 29 CFR Part 3;

(3) Each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(C) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph (3)(ii)(B) of this section.

(D) The falsification of any of the above certifications may subject the Contractor or subcontractor to civil or criminal prosecution under Section 1001 of Title 18 and Section 231 of Title 31 of the United States Code.

(iii) The Contractor or subcontractor shall make the records required under paragraph (3)(i) of this section available for inspection, copying, or transcription by authorized representatives of the sponsor, the Federal Aviation Administration, or the Department of Labor and shall permit such representatives to interview employees during working hours on the job. If the Contractor or subcontractor fails to submit the required records or to make them available, the Federal agency may, after written notice to the Contractor, Sponsor, applicant, or Owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

4. Apprentices and Trainees.

(i) Apprentices. Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Bureau of Apprenticeship and Training, or with a State Apprenticeship Agency recognized by the Bureau, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Bureau of Apprenticeship and Training or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice. The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the Contractor's or subcontractor's registered program shall be observed. Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination. In the event the Bureau of Apprenticeship and Training, or a State Apprenticeship Agency recognized by the Bureau, withdraws approval of an apprenticeship program, the Contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(ii) Trainees. Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration. The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan

approved by the Employment and Training Administration. Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination that provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate that is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. In the event the Employment and Training Administration withdraws approval of a training program, the Contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(iii) Equal Employment Opportunity. The utilization of apprentices, trainees, and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR Part 30.

5. Compliance with Copeland Act Requirements.

The Contractor shall comply with the requirements of 29 CFR Part 3, which are incorporated by reference in this contract.

6. Subcontracts.

The Contractor or subcontractor shall insert in any subcontracts the clauses contained in 29 CFR Part 5.5(a)(1) through (10) and such other clauses as the Federal Aviation Administration may by appropriate instructions require, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR Part 5.5.

7. Contract Termination: Debarment.

A breach of the contract clauses in paragraph 1 through 10 of this section may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

8. Compliance with Davis-Bacon and Related Act Requirements.

All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR Parts 1, 3, and 5 are herein incorporated by reference in this contract.

9. Disputes Concerning Labor Standards.

Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR Parts 5, 6, and 7. Disputes within the

meaning of this clause include disputes between the Contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

10. Certification of Eligibility.

(i) By entering into this contract, the Contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the Contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

(ii) No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

(iii) The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 USC 1001.

DEBARMENT AND SUSPENSION

CERTIFICATION OF OFFERER/BIDDER REGARDING DEBARMENT

By submitting a bid/proposal under this solicitation, the bidder or offeror certifies that neither it nor its principals are presently debarred or suspended by any Federal department or agency from participation in this transaction.

CERTIFICATION OF LOWER TIER CONTRACTORS REGARDING DEBARMENT

The successful bidder, by administering each lower tier subcontract that exceeds \$25,000 as a "covered transaction", must verify each lower tier participant of a "covered transaction" under the project is not presently debarred or otherwise disqualified from participation in this federally assisted project. The successful bidder will accomplish this by:

1. Checking the System for Award Management at website: <http://www.sam.gov>.
2. Collecting a certification statement similar to the Certification of Offerer /Bidder Regarding Debarment, above.
3. Inserting a clause or condition in the covered transaction with the lower tier contract.

If the Federal Aviation Administration later determines that a lower tier participant failed to disclose to a higher tier participant that it was excluded or disqualified at the time it entered the covered transaction, the FAA may pursue any available remedies, including suspension and debarment of the non-compliant participant.

DISADVANTAGED BUSINESS ENTERPRISE

INFORMATION SUBMITTED AS A MATTER OF BIDDER RESPONSIVENESS:

The Owner's award of this contract is conditioned upon Bidder or Offeror satisfying the good faith effort requirements of 49 CFR §26.53.

As a condition of bid responsiveness, the Bidder or Offeror must submit the following information with its proposal on the forms provided herein:

1. The names and addresses of Disadvantaged Business Enterprise (DBE) firms that will participate in the contract;
2. A description of the work that each DBE firm will perform;
3. The dollar amount of the participation of each DBE firm listed under (1)
4. Written statement from Bidder or Offeror that attests their commitment to use the DBE firm(s) listed under (1) to meet the Owner's project goal; and
5. If Bidder or Offeror cannot meet the advertised project DBE goal, evidence of good faith efforts undertaken by the Bidder or Offeror as described in appendix A to 49 CFR part 26.

INFORMATION SUBMITTED AS A MATTER OF BIDDER RESPONSIBILITY:

The Owner's award of this contract is conditioned upon Bidder or Offeror satisfying the good faith effort requirements of 49 CFR §26.53.

The successful Bidder or Offeror must provide written confirmation of participation from each of the DBE firms the Bidder or Offeror lists in its commitment within five days after bid opening.

1. The names and addresses of Disadvantaged Business Enterprise (DBE) firms that will participate in the contract;
2. A description of the work that each DBE firm will perform;
3. The dollar amount of the participation of each DBE firm listed under (1)
4. Written statement from Bidder or Offeror that attests their commitment to use the DBE firm(s) listed under (1) to meet the Owner's project goal; and
5. If Bidder or Offeror cannot meet the advertised project DBE goal, evidence of good faith efforts undertaken by the Bidder or Offeror as described in appendix A to 49 CFR part 26.

RACE/GENDER NEUTRAL MEANS

The requirements of 49 CFR part 26 apply to this contract. It is the policy of the **City of Columbia, Missouri** to practice nondiscrimination based on race, color, sex, or national origin in the award or performance of this contract. The Owner encourages participation by all firms qualifying under this solicitation regardless of business size or ownership.

DISADVANTAGED BUSINESS ENTERPRISES

Contract Assurance (§ 26.13) –

The Contractor or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The Contractor shall carry out applicable requirements of 49 CFR part 26 in the award and administration of Department of Transportation-assisted contracts. Failure by the Contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the Owner deems appropriate, which may include, but is not limited to:

1. Withholding monthly progress payments;
2. Assessing sanctions;

3. Liquidated damages; and/or
4. Disqualifying the Contractor from future bidding as non-responsible.

Prompt Payment (§26.29) – The prime contractor agrees to pay each subcontractor under this prime contract for satisfactory performance of its contract no later than [specify number] days from the receipt of each payment the prime contractor receives from [Name of recipient]. The prime contractor agrees further to return retainage payments to each subcontractor within [specify the same number as above] days after the subcontractor’s work is satisfactorily completed. Any delay or postponement of payment from the above referenced time frame may occur only for good cause following written approval of the [Name of Recipient]. This clause applies to both DBE and non-DBE subcontractors.

DISTRACTED DRIVING

TEXTING WHEN DRIVING

In accordance with Executive Order 13513, “Federal Leadership on Reducing Text Messaging While Driving”, (10/1/2009) and DOT Order 3902.10, “Text Messaging While Driving”, (12/30/2009), the Federal Aviation Administration encourages recipients of Federal grant funds to adopt and enforce safety policies that decrease crashes by distracted drivers, including policies to ban text messaging while driving when performing work related to a grant or subgrant.

In support of this initiative, the Owner encourages the Contractor to promote policies and initiatives for its employees and other work personnel that decrease crashes by distracted drivers, including policies that ban text messaging while driving motor vehicles while performing work activities associated with the project. The Contractor must include the substance of this clause in all sub-tier contracts exceeding \$3,500 that involve driving a motor vehicle in performance of work activities associated with the project.

CERTIFICATION REGARDING DOMESTIC PREFERENCES FOR PROCUREMENTS

The Bidder or Offeror certifies by signing and submitting this bid or proposal that, to the greatest extent practicable, the Bidder or Offeror has provided a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States (including, but not limited to, iron, aluminum, steel, cement, and other manufactured products) in compliance with 2 CFR § 200.322.

ENERGY CONSERVATION REQUIREMENTS

ENERGY CONSERVATION REQUIREMENTS

Contractor and Subcontractor agree to comply with mandatory standards and policies relating to energy efficiency as contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (42 USC 6201*et seq.*).

EQUAL EMPLOYEMENT OPPORTUNITY (EEO)

EQUAL OPPORTUNITY CLAUSE

During the performance of this contract, the Contractor agrees as follows:

(1) The Contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The Contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, color, religion, sex, sexual orientation, gender identify, or national origin. Such action shall include, but not be limited to, the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff, or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.

(2) The Contractor will, in all solicitations or advertisements for employees placed by or on behalf of the Contractor, state that all qualified applicants will receive considerations for employment without regard to race, color, religion, sex, or national origin.

(3) The Contractor will send to each labor union or representative of workers with which it has a collective bargaining agreement or other contract or understanding, a notice to be provided advising the said labor union or workers' representatives of the Contractor's commitments under this section and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

(4) The Contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.

(5) The Contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the administering agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.

(6) In the event of the Contractor's noncompliance with the nondiscrimination clauses of this contract or with any of the said rules, regulations, or orders, this contract may be canceled, terminated, or suspended in whole or in part and the Contractor may be declared ineligible for further Government contracts or federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.

(7) The Contractor will include the portion of the sentence immediately preceding paragraph (1) and the provisions of paragraphs (1) through (7) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The Contractor will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for noncompliance: *Provided, however*, that in the event a contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the administering agency the Contractor may request the United States to enter into such litigation to protect the interests of the United States.

**STANDARD FEDERAL EQUAL EMPLOYMENT OPPORTUNITY
CONSTRUCTION CONTRACT SPECIFICATIONS**

1. As used in these specifications:

a. "Covered area" means the geographical area described in the solicitation from which this contract resulted;

b. "Director" means Director, Office of Federal Contract Compliance Programs (OFCCP), U.S. Department of Labor, or any person to whom the Director delegates authority;

c. "Employer identification number" means the Federal social security number used on the Employer's Quarterly Federal Tax Return, U.S. Treasury Department Form 941;

d. "Minority" includes:

(1) Black (all persons having origins in any of the Black African racial groups not of Hispanic origin);

(2) Hispanic (all persons of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish culture or origin regardless of race);

(3) Asian and Pacific Islander (all persons having origins in any of the original peoples of the Far East, Southeast Asia, the Indian Subcontinent, or the Pacific Islands); and

(4) American Indian or Alaskan native (all persons having origins in any of the original peoples of North America and maintaining identifiable tribal affiliations through membership and participation or community identification).

2. Whenever the Contractor, or any subcontractor at any tier, subcontracts a portion of the work involving any construction trade, it shall physically include in each subcontract in excess of \$10,000 the provisions of these specifications and the Notice which contains the applicable goals for minority and female participation and which is set forth in the solicitations from which this contract resulted.

3. If the Contractor is participating (pursuant to 41 CFR part 60-4.5) in a Hometown Plan approved by the U.S. Department of Labor in the covered area either individually or through an association, its affirmative action obligations on all work in the Plan area (including goals and timetables) shall be in accordance with that Plan for those trades which have unions participating in the Plan. Contractors shall be able to demonstrate their participation in and compliance with the provisions of any such Hometown Plan. Each contractor or subcontractor participating in an approved plan is individually required to comply with its obligations under the EEO clause and to make a good faith effort to achieve each goal under the Plan in each trade in which it has employees. The overall good faith performance by other contractors or subcontractors toward a goal in an approved Plan does not excuse any covered contractor's or subcontractor's failure to take good faith efforts to achieve the Plan goals and timetables.

4. The Contractor shall implement the specific affirmative action standards provided in paragraphs 7a through 7p of these specifications. The goals set forth in the solicitation from which this contract resulted are expressed as percentages of the total hours of employment and training of minority and female utilization the Contractor should reasonably be able to achieve in each construction trade in which it has employees in the covered area. Covered construction

contractors performing construction work in a geographical area where they do not have a Federal or federally assisted construction contract shall apply the minority and female goals established for the geographical area where the work is being performed. Goals are published periodically in the Federal Register in notice form, and such notices may be obtained from any Office of Federal Contract Compliance Programs office or from Federal procurement contracting officers. The Contractor is expected to make substantially uniform progress in meeting its goals in each craft during the period specified.

5. Neither the provisions of any collective bargaining agreement nor the failure by a union with whom the Contractor has a collective bargaining agreement to refer either minorities or women shall excuse the Contractor's obligations under these specifications, Executive Order 11246, or the regulations promulgated pursuant thereto.

6. In order for the non-working training hours of apprentices and trainees to be counted in meeting the goals, such apprentices and trainees shall be employed by the Contractor during the training period and the Contractor shall have made a commitment to employ the apprentices and trainees at the completion of their training, subject to the availability of employment opportunities. Trainees shall be trained pursuant to training programs approved by the U.S. Department of Labor.

7. The Contractor shall take specific affirmative actions to ensure equal employment opportunity. The evaluation of the Contractor's compliance with these specifications shall be based upon its effort to achieve maximum results from its actions. The Contractor shall document these efforts fully and shall implement affirmative action steps at least as extensive as the following:

a. Ensure and maintain a working environment free of harassment, intimidation, and coercion at all sites, and in all facilities at which the Contractor's employees are assigned to work. The Contractor, where possible, will assign two or more women to each construction project. The Contractor shall specifically ensure that all foremen, superintendents, and other onsite supervisory personnel are aware of and carry out the Contractor's obligation to maintain such a working environment, with specific attention to minority or female individuals working at such sites or in such facilities.

b. Establish and maintain a current list of minority and female recruitment sources, provide written notification to minority and female recruitment sources and to community organizations when the Contractor or its unions have employment opportunities available, and maintain a record of the organizations' responses.

c. Maintain a current file of the names, addresses, and telephone numbers of each minority and female off-the-street applicant and minority or female referral from a union, a recruitment source, or community organization and of what action was taken with respect to each such individual. If such individual was sent to the union hiring hall for referral and was not referred back to the Contractor by the union or, if referred, not employed by the Contractor, this shall be documented in the file with the reason therefore along with whatever additional actions the Contractor may have taken.

d. Provide immediate written notification to the Director when the union or unions with which the Contractor has a collective bargaining agreement has not referred to the Contractor a minority person or female sent by the Contractor, or when the Contractor has other information that the union referral process has impeded the Contractor's efforts to meet its obligations.

e. Develop on-the-job training opportunities and/or participate in training programs for the area which expressly include minorities and women, including upgrading programs and apprenticeship and trainee programs relevant to the Contractor's employment needs, especially those programs funded or approved by the Department of Labor. The Contractor shall provide notice of these programs to the sources compiled under 7b above.

f. Disseminate the Contractor's EEO policy by providing notice of the policy to unions and training programs and requesting their cooperation in assisting the Contractor in meeting its EEO obligations; by including it in any policy manual and collective bargaining agreement; by publicizing it in the company newspaper, annual report, etc.; by specific review of the policy with all management personnel and with all minority and female employees at least once a year; and by posting the company EEO policy on bulletin boards accessible to all employees at each location where construction work is performed.

g. Review, at least annually, the company's EEO policy and affirmative action obligations under these specifications with all employees having any responsibility for hiring, assignment, layoff, termination, or other employment decisions, including specific review of these items, with onsite supervisory personnel such as superintendents, general foremen, etc., prior to the initiation of construction work at any job site. A written record shall be made and maintained identifying the time and place of these meetings, persons attending, subject matter discussed, and disposition of the subject matter.

h. Disseminate the Contractor's EEO policy externally by including it in any advertising in the news media, specifically including minority and female news media, and providing written notification to and discussing the Contractor's EEO policy with other contractors and subcontractors with whom the Contractor does or anticipates doing business.

i. Direct its recruitment efforts, both oral and written, to minority, female, and community organizations, to schools with minority and female students; and to minority and female recruitment and training organizations serving the Contractor's recruitment area and employment needs. Not later than one month prior to the date for the acceptance of applications for apprenticeship or other training by any recruitment source, the Contractor shall send written notification to organizations, such as the above, describing the openings, screening procedures, and tests to be used in the selection process.

j. Encourage present minority and female employees to recruit other minority persons and women and, where reasonable, provide after school, summer, and vacation employment to minority and female youth both on the site and in other areas of a contractor's workforce.

k. Validate all tests and other selection requirements where there is an obligation to do so under 41 CFR part 60-3.

l. Conduct, at least annually, an inventory and evaluation at least of all minority and female personnel, for promotional opportunities and encourage these employees to seek or to prepare for, through appropriate training, etc., such opportunities.

m. Ensure that seniority practices, job classifications, work assignments, and other personnel practices do not have a discriminatory effect by continually monitoring all personnel and employment related activities to ensure that the EEO policy and the Contractor's obligations under these specifications are being carried out.

n. Ensure that all facilities and company activities are non-segregated except that separate or single user toilet and necessary changing facilities shall be provided to assure privacy between the sexes.

o. Document and maintain a record of all solicitations of offers for subcontracts from minority and female construction contractors and suppliers, including circulation of solicitations to minority and female contractor associations and other business associations.

p. Conduct a review, at least annually, of all supervisor's adherence to and performance under the Contractor's EEO policies and affirmative action obligations.

8. Contractors are encouraged to participate in voluntary associations, which assist in fulfilling one or more of their affirmative action obligations (7a through 7p). The efforts of a contractor association, joint contractor union, contractor community, or other similar groups of which the Contractor is a member and participant may be asserted as fulfilling any one or more of its obligations under 7a through 7p of these specifications provided that the Contractor actively participates in the group, makes every effort to assure that the group has a positive impact on the employment of minorities and women in the industry, ensures that the concrete benefits of the program are reflected in the Contractor's minority and female workforce participation, makes a good faith effort to meet its individual goals and timetables, and can provide access to documentation which demonstrates the effectiveness of actions taken on behalf of the Contractor. The obligation to comply, however, is the Contractor's and failure of such a group to fulfill an obligation shall not be a defense for the Contractor's noncompliance.

9. A single goal for minorities and a separate single goal for women have been established. The Contractor, however, is required to provide equal employment opportunity and to take affirmative action for all minority groups, both male and female, and all women, both minority and non-minority. Consequently, if the particular group is employed in a substantially disparate manner (for example, even though the Contractor has achieved its goals for women generally), the Contractor may be in violation of the Executive Order if a specific minority group of women is underutilized.

10. The Contractor shall not use the goals and timetables or affirmative action standards to discriminate against any person because of race, color, religion, sex, or national origin.

11. The Contractor shall not enter into any subcontract with any person or firm debarred from Government contracts pursuant to Executive Order 11246.

12. The Contractor shall carry out such sanctions and penalties for violation of these specifications and of the Equal Opportunity Clause, including suspension, termination, and cancellation of existing subcontracts as may be imposed or ordered pursuant to Executive Order 11246, as amended, and its implementing regulations, by the Office of Federal Contract Compliance Programs. Any contractor who fails to carry out such sanctions and penalties shall be in violation of these specifications and Executive Order 11246, as amended.

13. The Contractor, in fulfilling its obligations under these specifications, shall implement specific affirmative action steps, at least as extensive as those standards prescribed in paragraph 7 of these specifications, so as to achieve maximum results from its efforts to ensure equal employment opportunity. If the Contractor fails to comply with the requirements of the Executive

Order, the implementing regulations, or these specifications, the Director shall proceed in accordance with 41 CFR part 60-4.8.

14. The Contractor shall designate a responsible official to monitor all employment related activity to ensure that the company EEO policy is being carried out, to submit reports relating to the provisions hereof as may be required by the Government, and to keep records. Records shall at least include for each employee, the name, address, telephone number, construction trade, union affiliation if any, employee identification number when assigned, social security number, race, sex, status (e.g., mechanic, apprentice, trainee, helper, or laborer), dates of changes in status, hours worked per week in the indicated trade, rate of pay, and locations at which the work was performed. Records shall be maintained in an easily understandable and retrievable form; however, to the degree that existing records satisfy this requirement, contractors shall not be required to maintain separate records.

15. Nothing herein provided shall be construed as a limitation upon the application of other laws which establish different standards of compliance or upon the application of requirements for the hiring of local or other area residents (e.g. those under the Public Works Employment Act of 1977 and the Community Development Block Grant Program).

FEDERAL FAIR LABOR STANDARDS ACT (FEDERAL MINIMUM WAGE)

FEDERAL FAIR LABOR STANDARDS ACT (FLSA)

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.

LOBBYING AND INFLUENCING FEDERAL EMPLOYEES

CERTIFICATION REGARDING LOBBYING

The Bidder or Offeror certifies by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

1. No Federal appropriated funds have been paid or will be paid, by or on behalf of the Bidder or Offeror, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member

of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

3. The undersigned shall require that the language of this certification be included in the award documents for all sub-awards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all sub-recipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

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. The employer must provide a work environment that is free from recognized hazards that may cause death or serious physical harm to the employee. The employer 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). The employer 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.

PROHIBITION ON CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT

Contractor and Subcontractor agree to comply with mandatory standards and policies relating to use and procurement of certain telecommunications and video surveillance services or equipment in compliance with the National Defense Authorization Act [Public Law 115-232 § 889(f)(1)].

PROHIBITION OF SEGREGATED FACILITIES

(a) The Contractor agrees that it does not and will not maintain or provide for its employees any segregated facilities at any of its establishments, and that it does not and will not permit its employees to perform their services at any location under its control where segregated facilities are maintained. The Contractor agrees that a breach of this clause is a violation of the Equal Employment Opportunity clause in this contract.

(b) "Segregated facilities," as used in this clause, means any waiting rooms, work areas, rest rooms and wash rooms, restaurants and other eating areas, time clocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees that are segregated by explicit directive or are in fact segregated on the basis of race, color, religion, sex, or national origin because of written or oral policies or employee custom. The term does not include separate or single-user rest rooms or necessary dressing or sleeping areas provided to assure privacy between the sexes.

(c) The Contractor shall include this clause in every subcontract and purchase order that is subject to the Equal Employment Opportunity clause of this contract.

PROCUREMENT OF RECOVERED MATERIALS

Contractor and subcontractor agree to comply with Section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act, and the regulatory provisions of 40 CFR Part 247. In the performance of this contract and to the extent practicable, the Contractor and subcontractors are to use products containing the highest percentage of recovered materials for items designated by the Environmental Protection Agency (EPA) under 40 CFR Part 247 whenever:

- 1) The contract requires procurement of \$10,000 or more of a designated item during the fiscal year; or
- 2) The contractor has procured \$10,000 or more of a designated item using Federal funding during the previous fiscal year.

The list of EPA-designated items is available at www.epa.gov/smm/comprehensive-procurement-guidelines-construction-products.

Section 6002(c) establishes exceptions to the preference for recovery of EPA-designated products if the contractor can demonstrate the item is:

- a) Not reasonably available within a timeframe providing for compliance with the contract performance schedule;
- b) Fails to meet reasonable contract performance requirements; or
- c) Is only available at an unreasonable price.

RIGHT TO INVENTIONS

Contracts or agreements that include the performance of experimental, developmental, or research work must provide for the rights of the Federal Government and the Owner in any resulting invention as established by 37 CFR part 401, Rights to Inventions Made by Non-profit Organizations and Small Business Firms under Government Grants, Contracts, and Cooperative Agreements. This contract incorporates by reference the patent and inventions rights as specified within 37 CFR §401.14. Contractor must include this requirement in all sub-tier contracts involving experimental, developmental, or research work.

SEISMIC SAFETY

In the performance of design services, the Consultant agrees to furnish a building design and associated construction specification that conform to a building code standard that provides a level of seismic safety substantially equivalent to standards as established by the National Earthquake Hazards Reduction Program (NEHRP). Local building codes that model their building code after the current version of the International Building Code (IBC) meet the NEHRP equivalency level for seismic safety. At the conclusion of the design services, the Consultant agrees to furnish the Owner a “certification of compliance” that attests conformance of the building

design and the construction specifications with the seismic standards of NEHRP or an equivalent building code.

TAX DELINQUENCY AND FELONY CONVICTIONS

CERTIFICATION OF OFFERER/BIDDER REGARDING TAX DELINQUENCY AND FELONY CONVICTIONS

The applicant must complete the following two certification statements. The applicant must indicate its current status as it relates to tax delinquency and felony conviction by inserting a checkmark (✓) in the space following the applicable response. The applicant agrees that, if awarded a contract resulting from this solicitation, it will incorporate this provision for certification in all lower tier subcontracts.

Certifications

The applicant represents that it is (✓) is not (✓) a corporation that has any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability.

The applicant represents that it is (✓) is not (✓) is not a corporation that was convicted of a criminal violation under any Federal law within the preceding 24 months.

Note

If an applicant responds in the affirmative to either of the above representations, the applicant is ineligible to receive an award unless the sponsor has received notification from the agency suspension and debarment official (SDO) that the SDO has considered suspension or debarment and determined that further action is not required to protect the Government's interests. The applicant therefore must provide information to the owner about its tax liability or conviction to the Owner, who will then notify the FAA Airports District Office, which will then notify the agency's SDO to facilitate completion of the required considerations before award decisions are made.

Term Definitions

Felony conviction: Felony conviction means a conviction within the preceding twenty-four (24) months of a felony criminal violation under any Federal law and includes conviction of an offense defined in a section of the U.S. code that specifically classifies the offense as a felony and conviction of an offense that is classified as a felony under 18 U.S.C. § 3559.

Tax Delinquency: A tax delinquency is any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted, or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability.

TERMINATION OF CONTRACT

TERMINATION FOR CONVENIENCE (PROFESSIONAL SERVICES)

The Owner may, by written notice to the Consultant, terminate this Agreement for its convenience and without cause or default on the part of Consultant. Upon receipt of the notice of termination, except as explicitly directed by the Owner, the Contractor must immediately discontinue all services affected.

Upon termination of the Agreement, the Consultant must deliver to the Owner all data, surveys, models, drawings, specifications, reports, maps, photographs, estimates, summaries, and other documents and materials prepared by the Engineer under this contract, whether complete or partially complete.

Owner agrees to make just and equitable compensation to the Consultant for satisfactory work completed up through the date the Consultant receives the termination notice. Compensation will not include anticipated profit on non-performed services.

Owner further agrees to hold Consultant harmless for errors or omissions in documents that are incomplete as a result of the termination action under this clause.

TERMINATION FOR DEFAULT (PROFESSIONAL SERVICES)

Either party may terminate this Agreement for cause if the other party fails to fulfill its obligations that are essential to the completion of the work per the terms and conditions of the Agreement. The party initiating the termination action must allow the breaching party an opportunity to dispute or cure the breach.

The terminating party must provide the breaching party [7] days advance written notice of its intent to terminate the Agreement. The notice must specify the nature and extent of the breach, the conditions necessary to cure the breach, and the effective date of the termination action. The rights and remedies in this clause are in addition to any other rights and remedies provided by law or under this agreement.

- a) **Termination by Owner:** The Owner may terminate this Agreement in whole or in part, for the failure of the Consultant to:
1. Perform the services within the time specified in this contract or by Owner approved extension;
 2. Make adequate progress so as to endanger satisfactory performance of the Project; or
 3. Fulfill the obligations of the Agreement that are essential to the completion of the Project.

Upon receipt of the notice of termination, the Consultant must immediately discontinue all services affected unless the notice directs otherwise. Upon termination of the Agreement, the Consultant must deliver to the Owner all data, surveys, models, drawings, specifications, reports, maps, photographs, estimates, summaries, and other documents and materials prepared by the Engineer under this contract, whether complete or partially complete.

Owner agrees to make just and equitable compensation to the Consultant for satisfactory work completed up through the date the Consultant receives the termination notice. Compensation will not include anticipated profit on non-performed services.

Owner further agrees to hold Consultant harmless for errors or omissions in documents that are incomplete as a result of the termination action under this clause.

If, after finalization of the termination action, the Owner determines the Consultant was not in default of the Agreement, the rights and obligations of the parties shall be the same as if the Owner issued the termination for the convenience of the Owner.

- b) **Termination by Consultant:** The Consultant may terminate this Agreement in whole or in part, if the Owner:
1. Defaults on its obligations under this Agreement;
 2. Fails to make payment to the Consultant in accordance with the terms of this Agreement;
 3. Suspends the Project for more than [180] days due to reasons beyond the control of the Consultant.

Upon receipt of a notice of termination from the Consultant, Owner agrees to cooperate with Consultant for the purpose of terminating the agreement or portion thereof, by mutual consent. If Owner and Consultant cannot reach mutual agreement on the termination settlement, the Consultant may, without prejudice to any rights and remedies it may have, proceed with terminating all or parts of this Agreement based upon the Owner's breach of the contract.

In the event of termination due to Owner breach, the Engineer is entitled to invoice Owner and to receive full payment for all services performed or furnished in accordance with this Agreement and all justified reimbursable expenses incurred by the Consultant through the effective date of termination action. Owner agrees to hold Consultant harmless for errors or omissions in documents that are incomplete as a result of the termination action under this clause.

TRADE RESTRICTION CERTIFICATION

By submission of an offer, the Offeror certifies that with respect to this solicitation and any resultant contract, the Offeror –

1. is not owned or controlled by one or more citizens of a foreign country included in the list of countries that discriminate against U.S. firms as published by the Office of the United States Trade Representative (USTR);
2. has not knowingly entered into any contract or subcontract for this project with a person that is a citizen or national of a foreign country included on the list of countries that discriminate against U.S. firms as published by the USTR; and
3. has not entered into any subcontract for any product to be used on the Federal project that is produced in a foreign country included on the list of countries that discriminate against U.S. firms published by the USTR.

This certification concerns a matter within the jurisdiction of an agency of the United States of America and the making of a false, fictitious, or fraudulent certification may render the maker subject to prosecution under Title 18 USC Section 1001.

The Offeror/Contractor must provide immediate written notice to the Owner if the Offeror/Contractor learns that its certification or that of a subcontractor was erroneous when submitted or has become erroneous by reason of changed circumstances. The Contractor must require subcontractors provide immediate written notice to the Contractor if at any time it learns that its certification was erroneous by reason of changed circumstances.

Unless the restrictions of this clause are waived by the Secretary of Transportation in accordance with 49 CFR 30.17, no contract shall be awarded to an Offeror or subcontractor:

1. who is owned or controlled by one or more citizens or nationals of a foreign country included on the list of countries that discriminate against U.S. firms published by the USTR or
2. whose subcontractors are owned or controlled by one or more citizens or nationals of a foreign country on such USTR list or
3. who incorporates in the public works project any product of a foreign country on such USTR list.

Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render, in good faith, the certification required by this provision. The knowledge and information of a contractor is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

The Offeror agrees that, if awarded a contract resulting from this solicitation, it will incorporate this provision for certification without modification in all lower tier subcontracts. The Contractor may rely on the certification of a prospective subcontractor that it is not a firm from a foreign country included on the list of countries that discriminate against U.S. firms as published by USTR, unless the Offeror has knowledge that the certification is erroneous.

This certification is a material representation of fact upon which reliance was placed when making an award. If it is later determined that the Contractor or subcontractor knowingly rendered an erroneous certification, the Federal Aviation Administration (FAA) may direct through the Owner cancellation of the contract or subcontract for default at no cost to the Owner or the FAA.

VETERAN'S PREFERENCE

In the employment of labor (excluding executive, administrative, and supervisory positions), the Contractor and all sub-tier contractors must give preference to covered veterans as defined within Title 49 United States Code Section 47112. Covered veterans include Vietnam-era veterans, Persian Gulf veterans, Afghanistan-Iraq war veterans, disabled veterans, and small business concerns (as defined by 15 USC 632) owned and controlled by disabled veterans. This preference only applies when there are covered veterans readily available and qualified to perform the work to which the employment relates.

Certificate Of Completion

Envelope Id: 2378F925FC1F42C6BE5C55C8BCB2C4D4	Status: Completed
Subject: Complete with DocuSign: R176-23 - Burns & McDonnell Engineering Co. Aviation Project Consultant...	
Source Envelope:	
Document Pages: 66	Signatures: 3
Certificate Pages: 2	Initials: 1
AutoNav: Enabled	Envelope Originator:
Enveloped Stamping: Enabled	Penny Reniker
Time Zone: (UTC-08:00) Pacific Time (US & Canada)	P.O. Box 6015
	nil
	Columbia, MO 65205
	penny.reniker@como.gov
	IP Address: 198.54.11.120

Record Tracking

Status: Original	Holder: Penny Reniker	Location: DocuSign
11/16/2023 1:31:12 PM	penny.reniker@como.gov	

Signer Events

Kristin Mengwasser
 kristin.mengwasser@como.gov
 Security Level: Email, Account Authentication (None)

Signature



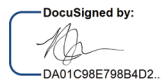
Signature Adoption: Pre-selected Style
 Using IP Address: 198.54.11.123

Timestamp

Sent: 11/16/2023 1:34:06 PM
 Viewed: 11/16/2023 1:36:36 PM
 Signed: 11/16/2023 1:36:53 PM

Electronic Record and Signature Disclosure:
 Not Offered via DocuSign

Nancy Thompson
 nancy.thompson@como.gov
 City Counselor
 City of Columbia
 Security Level: Email, Account Authentication (None)



Signature Adoption: Drawn on Device
 Using IP Address: 198.54.11.46

Sent: 11/16/2023 1:36:57 PM
 Viewed: 11/17/2023 1:25:29 PM
 Signed: 11/17/2023 1:25:34 PM

Electronic Record and Signature Disclosure:
 Not Offered via DocuSign

Sheela Amin
 Sheela.Amin@como.gov
 City Clerk
 Security Level: Email, Account Authentication (None)

Completed

Using IP Address: 198.54.11.122

Sent: 11/17/2023 1:25:37 PM
 Viewed: 11/21/2023 11:51:06 AM
 Signed: 11/21/2023 11:51:20 AM

Electronic Record and Signature Disclosure:
 Not Offered via DocuSign


De'Carlton Seewood
 decarlton.seewood@como.gov
 City Manager
 Security Level: Email, Account Authentication (None)



Signature Adoption: Pre-selected Style
 Using IP Address: 198.54.11.121

Sent: 11/21/2023 11:51:23 AM
 Viewed: 11/21/2023 12:10:02 PM
 Signed: 11/21/2023 12:10:15 PM

Electronic Record and Signature Disclosure:
 Not Offered via DocuSign

Signer Events	Signature	Timestamp
Sheela Amin Sheela.Amin@como.gov City Clerk Security Level: Email, Account Authentication (None)	DocuSigned by:  4E1F069B868D40A... Signature Adoption: Drawn on Device Using IP Address: 198.54.11.122	Sent: 11/21/2023 12:10:18 PM Viewed: 11/21/2023 2:46:50 PM Signed: 11/21/2023 2:47:06 PM

Electronic Record and Signature Disclosure:
Not Offered via DocuSign

In Person Signer Events	Signature	Timestamp
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Editor Delivery Events	Status	Timestamp
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Agent Delivery Events	Status	Timestamp
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Intermediary Delivery Events	Status	Timestamp
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Certified Delivery Events	Status	Timestamp
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Carbon Copy Events	Status	Timestamp
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Sheela Amin Sheela.Amin@como.gov City Clerk Security Level: Email, Account Authentication (None)	<div style="border: 2px solid blue; padding: 5px; text-align: center; font-weight: bold; color: blue;">COPIED</div>	Sent: 11/16/2023 1:34:06 PM Viewed: 11/21/2023 3:01:17 PM
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Electronic Record and Signature Disclosure:
Not Offered via DocuSign

Witness Events	Signature	Timestamp
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Notary Events	Signature	Timestamp
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Envelope Summary Events	Status	Timestamps
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Envelope Sent	Hashed/Encrypted	11/16/2023 1:34:06 PM
Certified Delivered	Security Checked	11/21/2023 2:46:50 PM
Signing Complete	Security Checked	11/21/2023 2:47:06 PM
Completed	Security Checked	11/21/2023 2:47:06 PM

Payment Events	Status	Timestamps
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EXHIBIT III-SA1

EXHIBIT III - SA1 SUMMARY

DERIVATION OF CONSULTANT PROJECT COSTS
 SUMMARY OF COSTS
 REHABILITATE RUNWAY 2-20
 C-Services for Rehabilitate Runway 2-20
 Columbia Regional Airport
 BASIC & SPECIAL SERVICES
 March 18, 2024

1 DIRECT SALARY COSTS

TITLE	HOURS	RATE/HR	COST (\$)		
			Office	Field	Contract
Principal	3.00	\$ 75.00	\$ 225.00	\$ -	\$ -
Project Manager	223.00	\$ 65.00	\$ 14,495.00	\$ -	\$ -
Sr. Civil Engineer	183.00	\$ 55.00	\$ 10,065.00	\$ -	\$ -
Staff Civil Engineer	24.00	\$ 40.00	\$ 960.00	\$ -	\$ -
Sr. Technician	12.00	\$ 45.00	\$ 540.00	\$ -	\$ -
Staff Technician	24.00	\$ 32.00	\$ 768.00	\$ -	\$ -
Resident Project Representative	536.00	\$ 50.00	\$ 26,800.00	\$ -	\$ -
Clerical	61.00	\$ 28.00	\$ 1,708.00	\$ -	\$ -
Total Hours	1,066.00				
Total Direct Salary Costs			\$ 55,561.00	\$ -	\$ -

2 LABOR & GENERAL ADMINISTRATIVE OVERHEAD

a. Percentage of Direct Salary Cost: (Office Rate)	240.27%	\$ 133,496.41			
b. Percentage of Direct Salary Cost: (Field Rate)	240.27%		\$ -		
c. Percentage of Direct Salary Cost: (Contract Employee Rate)	0.00%			\$ -	
d. FCCM Rate (Optional)	0.00%	\$ -	\$ -	\$ -	

3 SUBTOTAL

Summary of Items No. 1 and No. 2 (a,b,c): \$ 189,057.41 \$ - \$ -

4 PROFIT/FIXED FEE:

Percentage: 10.00% \$ 18,905.74 \$ - \$ -

5 SUBTOTAL

Summary of Items No. 1, No. 2 & No. 4: (Lump Sum Fee) \$ 207,963.16 \$ - \$ -

EXHIBIT III - SA1 SUMMARY

DERIVATION OF CONSULTANT PROJECT COSTS
 SUMMARY OF COSTS
 REHABILITATE RUNWAY 2-20
 C-Services for Rehabilitate Runway 2-20
 Columbia Regional Airport
 BASIC & SPECIAL SERVICES
 March 18, 2024

6 OUT OF POCKET EXPENSES

OFFICE	No. of Units	Units	Cost/Unit				
Travel: Mileage	6,290.00	Miles	\$ 0.670	\$	4,214.30		
Food: Per Diem	66.00	Per Day	\$ 54.00	\$	3,564.00		
Lodging: Per Diem (incl. taxes)	55.00	Per Day	\$ 104.13	\$	5,727.15		
Printing, Shipping & Misc.				\$	3,938.39		
Subtotal				\$	17,443.84	\$	- \$ -

Summary of Out of Pocket Expenses: (Not to Exceed) \$ **17,443.84** \$ - \$ -

7 SUBCONSULTANTS

Material Testing: TSi				\$	-	\$	-	\$	16,953.00
Construction Observation Services: TREKK				\$	-	\$	-	\$	13,890.00
Subtotal (Not to Exceed)				\$	-	\$	-	\$	30,843.00

8 MAXIMUM TOTAL FEE

Subtotal \$ **225,407.00** \$ - \$ **30,843.00**

TOTAL (Not to Exceed)	\$	256,250.00
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EXHIBIT III - SA1 SUMMARY

EXHIBIT IV-SA1

EXHIBIT IV - SA1 SUMMARY

DERIVATION OF CONSULTANT PROJECT COSTS
 SUMMARY OF COSTS
 REHABILITATE RUNWAY 2-20
 C-Services for Rehabilitate Runway 2-20
 Columbia Regional Airport
 BASIC & SPECIAL SERVICES
 March 18, 2024

		Principal	Project Manager	Sr. Civil Engineer	Staff Civil Engineer	Sr. Technician	Staff Technician	Resident Project Representative	Clerical	Other Costs	
Gross Hourly Rates		\$ 280.72	\$ 243.29	\$ 205.86	\$ 149.72	\$ 168.43	\$ 119.78	\$ 187.15	\$ 104.80		
BASIC SERVICES											
	1	Construction Administration (Office)	3.0	159.0	147.0	0.0	0.0	0.0	8.0	57.0	Sum: (1, 2, 3, 4, & 5)
Total =		\$ 80,264.14	\$ 842.17	\$ 38,683.59	\$ 30,261.91	\$ -	\$ -	\$ -	\$ 1,497.19	\$ 5,973.78	\$ 3,005.50
	2	Construction Phase Services (Field)	0.0	40.0	8.0	0.0	0.0	0.0	524.0	0.0	Sum: (1, 2, 3, 4, & 5)
Total =		\$ 122,496.88	\$ -	\$ 9,731.72	\$ 1,646.91	\$ -	\$ -	\$ -	\$ 98,065.81	\$ -	\$ 13,052.44
	3	Construction Closeout	0.0	24.0	28.0	24.0	12.0	24.0	4.0	4.0	Sum: (1, 2, 3, 4, & 5)
Total =		\$ 22,645.97	\$ -	\$ 5,839.03	\$ 5,764.17	\$ 3,593.25	\$ 2,021.20	\$ 2,874.60	\$ 748.59	\$ 419.21	\$ 1,385.90
PART A SUBTOTAL		\$ 225,407.00									
SPECIAL SERVICES											
	1	Material Testing: TSi	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Sum: (1, 2, 3, 4, & 5)
Total =		\$ 16,953.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,953.00
	2	Construction Observation Services: TREKK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Sum: (1, 2, 3, 4, & 5)
Total =		\$ 13,890.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 13,890.00
PART B SUBTOTAL		\$ 30,843.00									
PART A & PART B TOTAL		\$ 256,250.00									

- (1) Mileage, Motel & Meals
- (2) Equipment, Materials & Supplies
- (3) Computer Services
- (4) Vendor Services
- (5) Miscellaneous Items