

**DESIGN PROFESSIONAL SERVICES
AMENDMENT NO. 2**

**PROJECT NO. 62190508 – DESIGN AIRPORT DEVELOPMENT DT
CHARLES B. WHEELER DOWNTOWN AIRPORT
AVIATION DEPARTMENT**

This amendment is between KANSAS CITY, MISSOURI, a constitutionally chartered municipal corporation (City), and Crawford, Murphy & Tilly (Design Professional). The parties amend the Agreement entered into on May 5, 2020, as follows:

Sec. 1. Sections Amended. The Agreement is amended as follows:

A. Sec. 2, Paragraph A, Scope of Services, add the following section:

9. PRELIMINARY ENGINEERING DESIGN PHASE OF REHABILITATE RUNWAY 3-21 PROJECT

A. PROJECT OVERVIEW

This contract will consist of preliminary engineering design phase services for the project to Rehabilitate Runway 3-21 at Charles B. Wheeler Downtown Airport (MKC).

B. PRELIMINARY ENGINEERING DESIGN PHASE SERVICES

The intent of the Preliminary Engineering Design Phase is to provide the City of Kansas City Aviation Department a Pavement Evaluation Summary and Rehabilitation Recommendation Report, complete with a Preliminary Engineer's Opinion of Probable Cost for the upcoming Rehabilitate Runway 3-21 Design project. Design services will be completed in accordance with all applicable FAA airport design standards, as amended (e.g. Advisory Circulars, Engineering Briefs, etc.). The following is a summary of the major design phase components to be included as part of the design:

1. Kickoff
 - a. Collection and evaluation of record and as-built drawings
 - b. Conduct Kickoff Meeting (including preparation & distribution of meeting agenda and minutes)
2. Site Investigation
 - a. Initial Site Visit & Evaluation and PCI Survey of Runway 3-21
 - b. Utility Identification and Coordination with MKC Maintenance staff
 - c. Utility Identification and Coordination with FAA Technical Operations (Tech. Ops)
 - d. Pavement Cores/Geotechnical Investigation and Report (TSi) for Runway 3-21 (24 pavement cores/soil borings)
 - e. Non-Destructive Testing (NDT) Analysis and Report (ERI)
 - f. CMT Badged-Escort for Testing Subconsultants
3. General Project Items

- a. Tabulation of PCI Survey Data
- b. Pavement Rehabilitation Design (FAARFIELD software)
- c. Life Cycle Cost Analyses of Pavement Rehabilitation Alternatives
- d. Preliminary Quantity Estimate and Preliminary Engineer's Opinion of Probable Cost (OPCC)
- e. Compilation and delivery of "Pavement Evaluation Summary and Rehabilitation Recommendation" draft report
- f. Preliminary Design Review meeting (including preparation of agenda and minutes)
- g. Completion and delivery of "Pavement Evaluation Summary and Rehabilitation Recommendation" final report

C. ESTIMATED SCHEDULE

Kickoff Meeting.....	Feb 16, 2021	(2 weeks)
Assumed NTP	March 9, 2021	(2 weeks)
Geotech & NDT Investigation.....	March 22-27, 2021	(3 weeks)
Geotechnical Report.....	May 4, 2021	(4 weeks)
Draft Preliminary Design Submittal.....	June 1, 2021	(2 weeks)
Preliminary Design Review Meeting.....	June 15, 2021	(1 week)
Preliminary Design Submittal.....	June 22, 2021	

D. DESIGN SUBMITTALS

1. NUMBER OF COPIES

The Consultant will submit deliverables to FAA and KCAD in the number of copies indicated below and in the format specified for each of the project elements.

- a. Draft Preliminary Design Submittal (FAA: Electronic, KCAD: 2 copies)
 - 1) Draft Preliminary Design Submittal
 - 2) Preliminary OPCC (Draft)
 - 3) Geotechnical Report & NDT Report
- b. Preliminary Design Submittal (FAA: Electronic, KCAD: 2 copies)
 - 1) Preliminary Design Submittal
 - 2) Preliminary OPCC
 - 3) Geotechnical Report & NDT Report
- c. 100% Submittal (FAA: Electronic Only, KCAD: 4 copies)
 - 1) Final Design Report (Includes Final OPCC)
 - 2) IFB Plan Sets (Half-sized)
 - 3) IFB Specifications
 - 4) Final CSPP

Sec. 2. Sections not Amended. All other sections of the Agreement shall remain in full force and effect.

Sec. 3. Authorization. If the amount of the original Agreement plus the amount of any amendments to the original Agreement total over \$400,000.00, then this amendment requires City Council or Park Board authorization. Notwithstanding the foregoing, City Council or Park Board authorization is not required if (1) the total amount of the original Agreement plus the amount of any amendments to the original Agreement are within ten percent (10%) of the maximum amount authorized by the City Council or the Park Board or (2) a previous ordinance or Resolution authorized amendments without further City Council or Park approval.

Sec. 4. Effectiveness Date. This amendment will become effective when all the parties have signed it. The date this amendment is signed by the last party to sign it will be deemed the date of this amendment.

Each party is signing this amendment on the date stated opposite that party's signature.

Date: 3/1/2021

DESIGN PROFESSIONAL

Ty

Sander

Digitally signed
by Ty Sander
Date: 2021.03.01
19:24:19 -06'00'

I hereby certify that I have authority to execute this document on behalf of Design Professional

By: Ty Sander

Title: Vice President

Date: 3.2.21

KANSAS CITY, MISSOURI

By: 

Title: Director of Aviation

Approved as to form:

Nelson Munoz
Nelson Munoz (Mar 3, 2021 07:47 CST)

Assistant City Attorney