

**DESIGN PROFESSIONAL SERVICES
AMENDMENT NO. 6**

**PROJECT NO. 62160465 – REDESIGN POST GATES 1 & 28
KANSAS CITY INTERNATIONAL AIRPORT
AVIATION DEPARTMENT**

This amendment is between KANSAS CITY, MISSOURI, a constitutionally chartered municipal corporation (City), and Crawford, Murphy & Tilly, Inc. (Design Professional). The parties amend the Agreement entered into on May 24, 2017, as follows:

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

A. Sec. 2.A, Attachment 1, Scope of Services, add the following sub-sections:

F. New Re-Design Post Gate 1 Overview : This contract will consist of design, building permit application, bidding, and construction phase services for the project to re-locate Post Gate 1 at Kansas City International Airport from the location of the originally bid Project 62200518. That project was canceled due to Covid-19 in April of 2020. The new Post Gate 1 site to be set approximately 1500 feet further north of the originally bid area west of Mexico City Ave.

1. POST GATE 1 DESIGN PHASE SERVICES

The intent of the Re-Design Post Gate 1 Design Phase is to provide Kansas City Aviation Department a set of Contract Documents including Project Manual and Plans Sheets for bidding purposes on a construction project at Post Gate 1 at Kansas City International Airport. The following is a summary of the major design phase components to be included as part of the Re-Design Post Gate 1 design:

A. Site Investigation

- a. Conduct Site Visit and Field Evaluation
- b. Full Topographic survey of prospective jobsite (TREKK)
- c. Pavement Cores/ Geotech Investigation and Report (TSi) for Post Gate 1 (5 pavement cores/soil borings, 5 vacuum utility daylight)
- d. Identification/Coordination of Existing Utilities

B. Guard Building and Canopy Design Items

- a. Architectural review and of original Post 1 design and update to conformance to current building codes (GLMV)
- b. Update Opinion of Probable Cost (GLMV)
- c. Administration of Codes Review process and Building Permit acquirement process (GLMV)
- d. MEP review of original Post 1 design and update to conformance to current building codes (FSC)
- e. Update Opinion of Probable Cost (FSC)

C. Structural Design

- a. Analysis of new geotechnical report
- b. Update structural calculations
- c. Backcheck structural plans for Codes updates
- d. Update Opinion of Probable Cost

D. IT/Communications Design

- a. Review existing conditions at new site
- b. Evaluate power and communication requirements at new site
- c. Coordinate with KCI IT/Communication Staff
- d. Update Lighting and Security Layout for new site
- e. Update 90% Plans, Specs and Cost Estimate
- f. Attend 90% Review Meeting
- g. Prepare Final Plans, Specs and Cost Estimate

E. Civil Site Design

- a. The plan set will generally include the following components:
 - i. Cover Sheet / Site Plan
 - ii. General Conditions/Site Notes
 - iii. Construction Activity Plan Development
 - iv. Demolition Plan
 - v. Layout Plan and Geometric
 - vi. Typical Sections & Details
 - vii. Grading and Drainage Plan and Details
 - viii. Staking Plan
 - ix. Jointing Plan and Details
 - x. Marking Plan and Details
 - xi. Water Service Plan and Details
 - xii. Site Sanitary Sewer Plan and Details
 - xiii. Site Lighting Plan and Details
 - xiv. Signage Plan and Details
 - xv. Fencing Plan and Details
 - xvi. Erosion Control Plan and Details
 - xvii. Miscellaneous Details

F. General Project Items

- a. Design Submittals will be delivered at 90% and 100% milestones
- b. 90% Submittal shall include 90% Plans, 90% Technical Specifications, 90% Engineer's Opinion of Probable Cost and 90% Design Memo
- c. Conduct 90% Design Review meeting (including preparation & distribution of meeting agenda and minutes)
- d. 100% Submittal shall include sealed IFB Plans, IFB Front-End and Technical Specifications, Final Engineer's Opinion of Probable Cost and Final Design Memo

2. POST GATE 1 BUILDING PERMIT FEE

KC Plan Review Division requires half the cost of a building permit fee to be paid up-front to begin the Codes Review process (other half is paid by contractor following contract award). The exact amount of this fee is not known at this time but has been estimated and included as a Reimbursable Expense. Only the exact amount of the building permit fee will be billed as a reimbursed expense, to be administered by GLMV to initiate the Codes Review

3. POST GATE 1 BIDDING PHASE SERVICES

Specific tasks for the Re-Design Post Gate 1 Bidding Phase include the following:

- A. Attend the Pre-Bid Meeting and record Minutes.
- B. Respond to contractor questions, requests for information and requests for clarification as necessary pertaining to the Construction Plans and Contract Document/Technical Specifications during the Bidding Phase.
- C. Prepare and distribute contract Addenda as necessary
- D. Review contractor's qualifications and make recommendation of contract award to Sponsor.

4. POST GATE 1 CONSTRUCTION PHASE SERVICES

- A. Kickoff
 - a. Conduct preconstruction conference and provide minutes of Owner provided agenda
 - b. Review contractor shop drawings and submittals
 - c. Prepare and Maintain Construction Observation Program (COP)
Include the following:
 - 1] Needed site visits by strategic sub-consultants to align with contractor's construction schedule
 - 2] Perform material(s) testing (field and laboratory) as required by the City Building Code Authority.
 - 3] Provide needed Codes special inspection reports as mandated by the City Building Code Authority.
- B. Part-Time Construction Observation (Est. 180 Calendar Days)
 - a. Conduct Site Visits (Est. 1 every other week)
 - b. Conduct bi-weekly Construction Progress Meetings. (Est. 13 Meetings) Includes providing agenda & minutes.
 - c. Conduct Pre-Paving Meeting with agenda & minutes.
 - d. Respond to Contractor RFI's and field issues throughout the duration of the project. Include associated RFI log-in sheet.
 - e. Issue Request for Proposals, (RFP's), Supplementary Design Instructions (SDI's) and Work Change Directives (WCD's) as needed throughout the project. Include associated log-in sheets for each category.
 - f. Review & coordinate contractor pay applications with the City (Est. 6)
 - g. Prepare and issue Change Orders (Est. 3) necessary for construction. Include an associated change order recommendation letter
 - h. Provide close out services. Include the following:
 - 1] Issue Certificate of Substantial Completion to contractor
 - 2] Facilitate Final Walkthrough and Develop Punchlist
 - 3] Issue associated punchlist
 - 4] Verify corrected deficiencies from punchlist

- i. Construction Materials Testing (TSi)
- j. Construction Phase Assistance (TREKK)
- k. Construction Phase Architectural (GLMV)
- l. Construction Phase MEP (FSC)

C. Project Closeout

- a. Prepare and submit to the City one (1) electronic set of record drawings on a compact disc (CD) in .pdf & CAD formats per KCAD CAD Standards. Include one hardcopy that is directly scalable. Record documents are based on contractors red lines, RFI's, RFP's SDI's, WCD's and Change Orders
- b. Provide Owner with operating & maintenance manuals, product warranties and warranty Log

5. POST GATE 1 DESIGN SUBMITTALS

A. NUMBER OF COPIES

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

(1) 90% Submittal

90% Technical Specifications	Electronic Copies (Word & PDF)
90% Plan Sets	6 half-size copies, PDF copy
90% Design Memo (Includes OPCC)	6 copies, PDF copy

(2) 100% Submittal

Final Project Manual (signed and sealed)	Electronic Copies (Word & PDF)
Final Plan Sheets (signed and sealed)	6 half-size copies, PDF copy
Final Design Memo (Includes OPCC)	6 copies, PDF copy

B. Sec.4, Paragraph A, delete and replace the following sections:

- A. The maximum amount that City shall pay Design Professional under this Agreement is \$1,082,657.64, as follows:
 - 1. \$266,640.00 for the services performed by Design Professional under this Amendment – New Redesign Post Gate 1 Design Phase Services.

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 the City's Director of Finance has signed it. The date this amendment is signed by the City's Director of Finance will be deemed the date of this amendment.

