

**DESIGN PROFESSIONAL SERVICES
AMENDMENT NO. 14**

**PROJECT NO. 62190509 – RECONSTRUCT RUNWAY 1L-19R
KANSAS CITY INTERNATIONAL AIRPORT
FAA AIRPORT IMPROVEMENT PROGRAM (AIP) GRANT NO. 3-29-0040-077**

AVIATION DEPARTMENT

This amendment is between KANSAS CITY, MISSOURI, a constitutionally chartered municipal corporation (City), and HNTB Corporation (Design Professional). The parties amend the Agreement entered into on April 22, 2020 as follows:

A. Part 1, Section 1, Sec. 2, Scope of Services is amended by adding the following new section:

- P. Runway 1L-19R High Speed Connectors Reconstruction – Bid Package 2 Construction – This scope of services is for performing construction administration and observation services for the reconstruction of Runway 1L-19R High Speed Connectors as part of Bid Package 2. Project will reconstruct or re-align Taxiway A1, A2, A3, A4, A6, A8, A10, A12, A13 and A14 between Runway 1L-19R, Taxiway A, and project limits from Bid Package 1 through full-depth removal and reconstruction of the taxiway pavement.

The Design Professional shall perform the following:

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| 1. Project Management | <i>\$71,857.90</i> |
| a. Develop and maintain project workplan. | |
| b. Conduct internal monthly project reviews. | |
| c. Office administration, contract administration and preparation of subconsultant agreements for electrical inspection, material testing and field as-built surveying. | |
| 2. Construction Administration | <i>\$320,985.39</i> |
| a. Attend preconstruction conference with KCAD stakeholders and Contractor | |
| b. Participate in coordination meetings and weekly progress meetings for the duration of the project. | |
| c. Coordinate construction and phasing with the KCAD, Airport Operations and FAA. | |
| d. Review and process Contractor's shop drawing submittals | |
| e. Review Contractor's pay applications | |
| f. Review and respond to Contractor's Request for Information (RFI) | |
| g. Prepare Request for Proposal (RFP), as necessary | |
| h. Review and respond to Contractor' Change Order Requests (COR) | |
| i. Provide on-site Engineering Review at project milestones | |
| j. Participate in the final inspection of the project | |
| k. Update the Airport ALP and Part 139 Sign and Marking Plan at project completion | |

- l. Compile as-built markups and prepare as-built drawings
 - m. Prepare the Engineer's Final Report
 - n. Complete Post-Construction AGIS survey
 - i. FAA Airports-GIS coordination
 - ii. Aerial Imagery Acquisition
 - iii. Geodetic Control/ Validate PACS & SACS
 - iv. Survey Imagery Photo Control
 - v. Aero Triangulation
 - vi. Create Digital Ortho Imagery
 - vii. Planimetric & Topographic Mapping Compilation
 - viii. Planimetric Features to be mapped include:
 1. Airfield Pavement (Taxiways, Runway, Blast Pad)
 2. Airfield Paint Markings
 3. Airfield Signs
 4. Airfield Lights
 5. Utilities (Above-Ground & Identifiable in Imagery)
 - ix. Map Edit and GIS Formatting
 - x. Airports-GIS Data Submission and Final Reporting
3. Construction Observation *\$1,490,706.21*
- a. Develop Construction Observation Plan (COP)
 - b. Provide the following field staff for observation of the Base Bid construction:
 - i. Resident Engineer
 - ii. Inspector(s) (2)
 - iii. Electrical Inspector
 - c. Monitor the Contractor's work for compliance with the plans, specifications, and schedule
 - d. Provide Quality Assurance testing of the Contractor's materials, for conformance to the requirements of the specifications
 - e. Review and tabulate material test results
 - f. Provide field survey verification of finished P-501 Concrete Pavement
 - g. Conduct wage rate interviews of the Contractor's employees
 - h. Complete daily diaries of the Contractor's work, visitors, and questions, as well as any directives made
 - i. Complete weekly FAA and KCAD progress reports
 - j. Record and maintain a record of the project calendar days used
 - k. Measure and record quantities as completed
 - l. Reconcile quantities and prepare monthly pay estimates and requests for payment, which delineate AIP eligible and non-eligible quantities and payments due
 - m. Prepare change order documentation
 - n. Prepare punch lists of remaining work for each phase of work
 - o. Prepare final punch lists for the project

Deliverables – The following is a list of submittals that will be delivered to the KCAD for the Runway 1L-19R High Speed Connectors Reconstruction – Bid Package 2 Construction:

1. All FAA documentation required for the Grant Closeout Final Report will be provided within 75 days of project completion.
2. Construction Observation Plan – electronic file
3. Shop Drawings – electronic files
4. Correspondence Files – electronic files
5. FAA Weekly Progress Reports – electronic files
6. KCAD Weekly Progress and Calendar Day reports – electronic files
7. Wage Rate Interviews – electronic files
8. Daily Diaries – electronic files
9. Quantities – electronic files
10. Test Reports – electronic files
11. Pay Applications – electronic files
12. Change Orders – electronic files
13. Final Engineer’s Report – 2 hard copies and electronic file
14. Updated ALP – electronic file
15. As-Built Drawings – 1 hard copies and electronic file

Assumptions – This scope of services is developed based on the following:

1. Fee is based on the Bid Package 2 contract calendar days. Shall the Contractor fail to complete the contracted work in the time required by the contract, the construction services fee outlined in this amendment shall be revised.
2. FAA Reimbursable Agreement (RA) will be executed prior to construction NTP.

B. Sec. 4.A. Compensation and Reimbursables delete and replace with the following sections:

A. The maximum amount that City shall pay Design Professional under this Agreement is \$17,198,470.51 as follows:

1. A not-to-exceed lump sum amount of \$3,578,721.55 for Item A under the Agreement.
2. A not-to-exceed amount of \$2,338,719.85 for Item B under Amendment One (1).
3. A not-to-exceed lump sum amount of \$152,672.62, for Item C, Runway 9-27 Pavement Evaluation (Non-Eligible) under Amendment Two (2).
4. A not-to-exceed lump sum amount of \$119,255.54, for Item D, Taxiway E Pavement Evaluation (Non-Eligible) under Amendment Two (2).

5. A not-to-exceed lump sum amount of \$199,946.71, for Item E, Rehabilitation of Runway 9-27 (Non-Eligible) under Amendment Three (3).
6. A not-to-exceed amount of \$2,119,053.90 for Item F, Reconstruct Runway 1L-19R Phase 2 under Amendment Four (4).
7. A not-to-exceed amount of \$163,354.24 for Item G, Runway 9-27 Pavement Repairs (Non-Eligible) under Amendment Five (5).
8. A not-to-exceed lump sum amount \$2,414,617.94 for Item H, Runway 1L-19R High Speed Taxiway Design under Amendment Six (6).
9. A not-to-exceed lump sum amount of \$988,090.77 for Item I, Taxiway E and Taxiway J Rehabilitation under Amendment Seven (7).
10. A not-to-exceed sum amount of \$982,689.31 for Item J, Taxiway E and Taxiway J Rehabilitation under Amendment Eight (8).
11. A not-to-exceed sum amount of \$14,862.15 for Item K, Runway 1R-19L Drainage Investigation (Non-Eligible) under Amendment Nine (9).
12. A not-to-exceed lump sum amount of \$111,840.65 for Item L, Taxiway C Taper Rehabilitation (Non-Eligible) under Amendment Ten (10).
13. A not-to-exceed amount of \$636,372.89 for Item M, Supplemental Apron Lighting and Remain Overnight (RON) Lighting Design (Non-Eligible) this Amendment Eleven (11).
14. A not-to-exceed amount of \$1,332,824.69 for Item N, Runway 1L-19R High Speed Connectors Reconstruction – Bid Package 1 Construction under Amendment Twelve (12)
15. A not-to-exceed amount of \$161,898.20 for Item O, 2024 Pavement Management Program (PMP) & Runway 1R-19L Pavement Classification Rating (PCR) (Non-Eligible) under Amendment Thirteen (13).
16. A not-to-exceed amount of \$1,883,549.50 for Item P, Runway 1L-19R High Speed Connectors Reconstruction – Bid Package 2 Construction under this amendment.

Sec. 3. Sections not Amended. All other sections of the Agreement shall remain in full force and effect.

