

## Legislation Details (With Text)

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**Title:** Airport Civil Engineering Consultation Services

**Attachments:**

Date	Ver.	Action By	Action	Result
4/22/2024	1	City Council Business Meeting	Approve	Pass

### Airport Civil Engineering Consultation Services

**Action:**

**Approve contracts for civil engineering consultation services with the following vendors for a four-year term:**

- **AECOM Technical Services of North Carolina, Inc,**
- **Delta Airport Consultants Inc.,**
- **HDR Engineering, Inc. of the Carolinas,**
- **HNTB North Carolina P.C.,**
- **Kimley-Horn and Associates, Inc., and**
- **RS&H Architects Engineers Planners Inc.**

**Staff Resource(s):**

Haley Gentry, Aviation  
Jack Christine, Aviation

**Explanation**

- Aviation requires engineering consultation, design services, and construction administration for terminal, cargo, airfield, and landside site development facilities.
- The pricing for these services is based on the size and nature of the requested task order service. Aviation staff will review and verify the estimates for each project.
- On November 1, 2023, the city issued a Request for Qualifications (RFQ); ten proposals were received.
- The companies selected best meet the city’s needs in terms of qualifications, experience, cost, and responsiveness to RFQ requirements.
- Total estimated expenditures across all contracts over the four-year term are \$35,000,000.

**Charlotte Business INclusion**

The city negotiates contract participation after the proposal selection process. The specific tasks and contract opportunities associated with this contract are undefined. However, each Prime consultant has identified certified firm(s) to be utilized:

- AECOM Technical Services of North Carolina, Inc.
  - Capstone Civil Companies (SBE) (geotechnical and engineering support services)
  - CES Group Engineers, LLP (WBE) (surveying and utility location)
  - Sweetwater Utility Exploration, LLC (SBE, WBE) (utility location)
- RS&H Architects Engineers Planners Inc.
  - Carolina Wetland Services (WBE) (environmental permitting and mitigation)

- CES Group Engineers, LLP (WBE) (surveying and utility location)
- On-Spec Engineering, PC (SBE) (geotechnical services and materials testing)
- Sikes Design, PLLC (SBE) (landscape architecture)
- Sweetwater Utility Exploration, LLC (SBE, WBE) (utility location)
- HNTB North Carolina P.C.
  - AE Engineers (MBE) (landscape architecture and constructability)
  - Hana Engineers & Consultants (SBE) (environmental services, construction management, technical services)
  - CES Group Engineers, LLP (WBE) (landside and airside surveying)
  - Jarrett Engineering (SBE, WBE) (utility location and condition assessment)
- Delta Airport Consultants Inc.
  - BREE & Associates, Inc. (SBE) (scheduling to include Primavera and project controls)
  - CES Group Engineers, LLP (WBE) (surveying and controls, utility location and condition assessment, CCTV investigations)
  - On-Spec Engineering, PC (SBE) (environmental testing, geotechnical services, materials testing)
  - VIAS Infrastructure (MBE) (highway civil engineering)
  - Wetherill Engineering (WBE) (commercial development site design and engineering, commercial parking, staging facilities, highway civil engineering, structural engineering, traffic engineering)
- HDR Engineering, Inc. of the Carolinas
  - CES Group Engineers, LLP (WBE) (surveying and controls)
  - Sweetwater Utility Exploration, LLC (SBE, WBE) (utility location and condition assessment)
- Kimley-Horn and Associates, Inc.
  - BREE & Associates (SBE) (construction delivery methods, cost estimating, scheduling, e-information management)
  - CES Group Engineers, LLP (WBE) (surveying and controls, utility locates and condition assessments, CCTV investments)
  - Jarrett Engineering, PLLC (SBE, WBE) (utility coordination)
  - Sweetwater Utility Exploration, LLC (SBE, WBE) (utility location and condition assessment, CCTV investigations)
  - WGR Southeast, LLE (SBE, WBE) (e-information management)

### **Disadvantaged Business Enterprise**

The Federal DBE program does not require a DBE goal for all On-Call Contracts. DBE goals will be negotiated per task order. Aviation will monitor goal achievement throughout the life of the contracts. The following certified firm(s) have been identified to be utilized as the project evolves:

- AECOM Technical Services of North Carolina, Inc.
  - CES Group Engineers, LLP (DBE) (topographic and subsurface utility engineering services)
  - Connico, LLC (DBE) (landside and airside civil engineering support)
  - Landry Consulting LLC (DBE) (safety risk management)
  - Walls Engineering, PLLC (DBE) (airfield electrical and lighting)
- RS&H Architects Engineers Planners Inc.
  - CES Group Engineers, LLP (DBE) (surveying and utilities)
  - Connico, LLC (DBE) (cost estimating)
  - On-Spec Engineering, PC (DBE) (geotechnical services and materials testing)
  - Walls Engineering, PLLC (DBE) (airfield electrical, navigational aids)
- HNTB North Carolina P.C.
  - AE Engineers (DBE) (landscape architecture and constructability)
  - CES Group Engineers, LLP (DBE) (surveying and controls)
  - CONNICO, Inc. (DBE) (cost estimating)
  - Hana Engineers & Consultants (DBE) (environmental services, construction management, technical services)
  - Jarrett Engineering (DBE) (utility system, utility location and condition assessment)
- Delta Airport Consultants Inc.

- Aviation Alliance, Inc. (DBE) (airfield electrical, navigational aids, and communication systems)
- BREE & Associates, Inc. (DBE) (scheduling to include Primavera and project controls)
- CES Group Engineers, LLP (DBE) (surveying and controls, utility location and condition assessment, CCTV investigations)
- Connico, Inc. (DBE) (cost estimating, scheduling to include Primavera and project controls)
- Flehan Engineering, Inc (DBE) (hydrology and storm water management, utility systems)
- KEY Engineering Group, Inc. (DBE) (utility systems, airfield lighting and signage)
- McGuinness Unlimited (DBE) (cost estimating)
- HDR Engineering, Inc. of the Carolinas
  - CES Group Engineers, LLP (DBE) (surveying and controls and civil engineering)
  - Connico, LLC (DBE) (cost estimating and scheduling)
  - Sweetwater Utility Exploration, LLC (DBE) (utility location and assessment)
- Kimley-Horn and Associates, Inc.
  - BREE & Associates (DBE) (construction delivery methods, cost estimating, scheduling, e-information management support)
  - CES Group Engineers, LLP (DBE) (surveying and controls, utility location and condition assessment, CCTV investments)
  - Connico, LLC (DBE) (cost estimating and scheduling)

**Fiscal Note**

Funding: Aviation Capital Investment Plan