

Sample Project List
On-Demand Architectural and Engineering Consultant
Services at DeKalb Peachtree Airport
RFP 22-500617

Sample Project List includes

1. Safety Related Projects. These include any Runway Safety Area (RSA), Object Free Area (OFA), approach clearance, and/or any projects related to the current and future design of the Airport.
2. Drainage and Infrastructure Repairs. May include the visual inspection of all drainpipes, and is applicable to any areas of the airport, i.e. landside, airside, etc.
3. Rehabilitation of Runways, Taxiways, Aprons, and Ramps. This includes any helipad and/or hover taxiway area and associated improvements.
4. Road, Vehicle Parking Lot Rehabilitation and Remarkings. As required to repair or replace old pavement at numerous locations.
5. Airfield Electrical Improvements. Such as airfield lighting upgrades from incandescent to LED, signage updates, upgrades to the electrical vault, and other various electrical repairs.
6. Airport Security. May include: personnel and vehicular access controls; lighting; identification and/or installation and maintenance of any gates; any and all security and safety related projects required and/or mandated by the airport sponsor, State of Georgia, or Federal government agency.
7. T-Hangar IT-Hangar Shed Construction Plans. To build covered aircraft parking areas for general aviation type aircraft.
8. Rubber Removal and/or Remarkings of Runways and Taxiways.
9. T-Hangar Renovation.
10. Obstruction Survey and/or Obstruction Removal.
10. Other Recommendations. Additional services and tasks that maybe come necessary as defined by the Airport.

Architectural, Engineering Services (A/E) Services include the basic A/E and project management services normally required for Airport development projects, including architectural, civil, structural, mechanical, and electrical engineering. Basic A/E services are conducted in four (4) distinct and sequential phases:

1. Preliminary Phase. This phase involves those activities required for defining the scope of a project and establishing preliminary requirements including, without limitation, the following:
 - a. Conferring with the Sponsor on project requirements, programming, finances, schedules, early phases of the project, and other pertinent matters; meeting with FAA and other concerned agencies and parties on matters affecting the project.
 - b. Planning, procuring, and/or preparing necessary surveys, geotechnical engineering investigations, field investigations, and architectural and engineering studies required for preliminary design considerations.
 - c. Developing design schematics, sketches, environmental and aesthetic considerations, project recommendations, and preliminary layouts and cost estimates.
 - d. Assisting the Sponsor in the preparation of necessary pre-applications, applications, and required documents for federal and state grants, including Disadvantaged Business Enterprise (DBE) plan and goals, and exhibits.

2. Design Phase. The design will take advantage of knowledge and experience and utilize expertise gathered from recent construction projects to design a cost-effective project. This phase involves all activities required to undertake and accomplish a full and complete project design including, without limitation, the following:
 - a. Meetings and design conferences to obtain information and to coordinate or resolve design matters.
 - b. Collecting engineering data and undertaking field investigations; geotechnical engineering and surveys; and architectural, engineering, and environmental studies.
 - c. Preparing necessary engineering reports and recommendations.
 - d. Preparing detailed plans, specifications, and cost estimates. Conducting a detailed value engineering analysis, if applicable and requested.
 - e. Printing and providing necessary copies of engineering drawings and contract specifications.

3. Bidding or Negotiation Phase. This phase involves assisting Department of Purchasing and Contracting, as needed, with providing sets of plans and specifications for this phase, and all bid documents; negotiating for services, analyzing bid results, furnishing recommendations on the award of contracts; and preparing contract documents.

4. Construction Phase. This phase involves all basic services rendered after the award of a construction contract including, without limitation, as follows:
- a. Providing consultation and advice to the Sponsor during all phases of construction.
 - b. Representing the Sponsor at pre-construction conferences.
 - c. Onsite construction inspection and management involving the services of a resident engineer, inspector; or manager, periodically during the construction or installation phase of a project, and providing appropriate reports to the Sponsor. These services include working with and/or advising the sponsor about any and all safety and risk management issues and concerns directly relating to an ongoing project and those involving the safe and efficient operation of the airport overall during preparation for construction - mobilization; construction; and post-construction - demobilization timeframes of the project.
 - d. Reviewing and approving shop and erection drawings submitted by contractors for compliance with design concept.
 - e. Reviewing, analyzing, and approving laboratory and mill test reports of materials and equipment.
 - f. Preparing and negotiating change orders and supplemental agreements.
 - g. Observing or reviewing performance tests required by specifications.
 - h. Determining payment amounts to contractors and assisting Sponsor in the preparation of payment requests for amounts reimbursable from grant projects.
 - i. Conducting wage rate interviews in accordance with Federal standards.
 - j. Making final inspection and submitting a report of the completed project to the Sponsor.
 - k. Preparing all Federal Aviation Administration (FAA) and Georgia Department of Transportation (GDOT) grant close-out documentation.
 - l. Maintain a project file of all records necessary to meet FAA, GDOT, and local audit requirements.

Special Services. These services are performed by the Consultant (or through subcontractors) from time to time at the request of Sponsor and may include, without limitation, as follows:

1. Soils investigation, including core sampling, laboratory tests, related analyses, and reports for DeKalb Peachtree Airport.
2. Detailed mill, shop, and/or laboratory inspections of materials and equipment.
3. Land surveys and topographic maps for DeKalb Peachtree Airport.
4. Field and/or construction surveys.
5. Photogrammetry surveys.
6. Onsite construction inspection and/or management involving the services of a full-time or part-time resident engineer(s), inspector(s) or manager(s) during the construction or installation phase of a project. (This differs from the periodic inspection responsibilities included as part of the basic services.)
7. Environmental studies and assessment reports for specific development projects.
8. Expert witness testimony in litigation involving specific projects.
9. Project feasibility studies.
10. Public information activities, studies, and surveys.
11. Preparation of "as-built" plans.
12. Assisting the Sponsor in the preparation of necessary applications for local, state, and Federal grants.
13. Preparation of or updating the Airport Layout Plan (ALP).
14. Preparation of property maps.
15. Preparation of Quality Control Plan.
16. Miscellaneous plans, studies, and assessment reports including environmental, noise, etc.
17. Assist Sponsor in specifications for procurement purposes of airport equipment (i.e. pavement sweeper, Airport Rescue and Fire Fighting (ARFF), etc.)

Incidental Services include activities or studies outside the scope of the basic design, planning, and management services outlined above, but which may logically and justifiably be performed by the Consultant in connection with these basic services on a specific project. Consultants performing these services may be employed by the principal Consultants on a subcontract arrangement, or these services may be performed by the principal Consultant. Examples of incidental services are: studies, investigations, tests, evaluations, construction phase services, laboratory services, land surveys and topographic maps, field and construction surveys, miscellaneous planning, conceptual

designs and value engineering.

10. Participation in public information programs and/or public hearings relating to Airport development and planning projects.