



## Augusta Commission Meeting

April 18, 2023

Approval of TCA for Electrical Upgrade – Daniel Field Airport ITB 23-150

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<b>Department:</b>	Daniel Field Airport
<b>Presenter:</b>	Becky Shealy, Airport Manager
<b>Caption:</b>	Motion to <b>approve</b> award of airfield electrical upgrade at Daniel Field Airport (Bid Item #23-150) to TCA Electrical Contractors, Inc. of Tifton, Georgia in the amount of \$1,004,490.00. ( <b>Approved by Public Services Committee April 11, 2023</b> )
<b>Background:</b>	<p>Daniel Field Airport's Airfield Electrical System consists of edge lighting for 2 runways and 2 taxiways, internally illuminated airfield signage, power cabling through all systems to a central airfield electrical vault, which contains the airfield lighting system controller and separate power regulators for each airfield lighting circuit. This system is required by the FAA for safe airport/flight operations at night and during periods of low visibility. The existing system is more than 20 years old and has reached the end of its useful life, requiring frequent maintenance and repairs with severe limits on availability of replacement parts in the market due to the age of the system.</p> <p>This construction project includes the replacement of all airfield lighting systems as described with modern, energy-efficient LED edge lighting fixtures and internally illuminated LED airfield signage. All airfield power cable systems will be replaced with new conductors in a system of trenches, conduit, duct bank and electrical manholes leading back to the existing central airfield electrical vault building which will receive new airfield power/voltage regulators for each new circuit, new airfield lighting controller, and updated utility lighting within the vault building.</p>
<b>Analysis:</b>	<p>The Augusta Commission approved the tentative allocation for a federal and state funded grant to design and construct the airfield electrical system upgrade/replacement at its August 16, 2022 meeting. The bid process was complied with the construction portion of this project in accordance with the Augusta Georgia procurement guidelines. 3 bids were received. Based on those guidelines, TCA Electrical Contractors, Inc. of Tifton, Georgia was the qualified prime contractor with the lowest bid submitted.</p>
<b>Financial Impact:</b>	<p>TCA Electrical Contractors, Inc. of Tifton Georgia submitted the following for the said project:</p> <p>BASE BID (Runway &amp; Taxiway 5/23): \$637,390.00</p> <p>ADDITIVE BID (Runway &amp; Taxiway 11/29): \$367,100</p>

TOTAL SUBMITTED: \$1,004,490.00

**Alternatives:** Deny the recommendation

**Recommendation:** The Daniel Field General Aviation Commission (GAC) recommends approving the award of this project to TCA Electrical Contractors of Tifton, Georgia.

**Funds are available in** BASE BID-RUNWAY 5/23 & TAXIWAY = \$637,390.00

**the following accounts:** Federal Funding=45% - \$287,350.89

State Match = 41% - \$260,039.56

Local Match & TIA2 Funding = 14% - \$89,999.56

ADDITIVE BID-RUNWAY 11/29 & TAXIWAY = \$367,100

State Funding=75% - \$275,325

Local Match & TIA2 Funding = 25% - \$91,775

Note: Daniel Field Airport is an enterprise fund. The grant will be coded as 552081210 in One Solution for this project. Additionally, Daniel Field Airport is approved for Band 1 TIA Funding starting June 2023. **GDOT will administer a grant inclusive of all state and federal funds for this project upon ARC approval.**

**REVIEWED AND**  
**APPROVED BY:**