Exhibit 'A'

OCALA INTERNATIONAL AIRPORT
Terminal Apron Rehabilitation

DESIGN PHASE SERVICES

Contract # AIR/16-010

Infrastructure Consulting and Engineering
5550 W. Idlewild Avenue
Suite 115
Tampa Florida 33634
P 813.330-2701

Exhibit "A" – SCOPE OF SERVICES
OCALA INTERNATIONAL AIRPORT
Terminal Apron Rehabilitation

SCOPE OF SERVICES
DESIGN PHASE SERVICES

INTRODUCTION

INFRASTRUCTURE CONSULTING & ENGINEERING PLCC (ICE) shall provide required professional services to design the **Rehabilitation of the Terminal Apron** project at the OCALA INTERNATIONAL AIRPORT and the CITY OF OCALA, FL. This work will be designed in accordance with the requirements of the Federal Aviation Administration (FAA) and the Florida Department of Transportation (FDOT).

The existing surface PCI is 52 (poor) with cracking, spalling and rutting. The current pavement section is 8.5" of asphalt over 12" of limerock base supported by 12" of a clay stabilized subgrade. Problems exist with rutting of the asphalt, possibly the result of a subgrade failure or a poorly constructed bituminous surface mix. The existing pavement section will be load tested with a heavy weight deflectometer to determine strength. Pavement cores shall extend into the subgrade for the adequacy of the base. Initial considerations are to mill the asphalt to a depth of 5-7" and replace it with a similar thickness of Portland Cement Concrete (P-501).

The project area is 140,000 square feet (15,555 SY).

The work associated with this Scope includes the various tasks identified in herein which are necessary to provide Design Phase Services for the construction of this project.

Professional services to be provided by the consultant shall include the civil engineering services required to accomplish the following items:

TASK 1 – DESIGN/CONSTRUCTION SPECIFICATIONS

In the design phase, the engineers with ICE will provide well-defined construction requirements to assure competitive construction bids. The following outline describes in greater detail the tasks and deliverables.

1) Field evaluate existing cracks on ramp & estimate quantities for bid schedule.

2) Perform survey and geotechnical investigation including Falling Weight Deflectometer (FWD) testing on pavement surface

3) Develop concept options and benefit cost analysis for three possible rehabilitation techniques- 1) mill and replace with Concrete, 2) mill and replace with Asphalt, or 3) complete reconstruction

4) Develop pavement rehabilitation plan, through specifications and notes for contractor's bidding.

5) Re-establish grading plan and apron markings

6) Develop specification for pavement rehabilitation by milling the existing surface and installing a Portland cement concrete pavement (or other rehabilitation) using Advisory Circular 150/5300/13B.

7) Provide guidance and a construction cost based on estimated quantities.

8) Provide CSPP narrative and exhibits for OE/AAA submittal to FAA.

9) Provide final design drawings, specifications, and detailed construction cost estimates.

10) Develop specifications using Advisory Circular 150/5370-10H, Standards for Specifying Construction of Airports.

11) Design all improvements in accordance with FAA standards and guidelines.

12) Complete estimate of probable construction cost.

13) Solicit FAA and/or FDOT review.

14) Provide contract documents, technical specifications, FAA general provisions and bid quantities.

15) Assist airport with interpretation of project requirements.

16) Prepare and submit engineer's report.

Submittals will be made at:

   a. Concept Alternatives and Benefit Cost Analysis
   b. 60%
   c. 90%
   d. Final Documents

SCOPE PROVISIONS

Due to the limited and precise nature of this project, the following services are assumed to not be anticipated as needed for the design phase services scope of work: Bidding Phase Services, Construction Phase Services, Construction Inspection Services. Future phased services shall be packaged under a separate scope and fee.
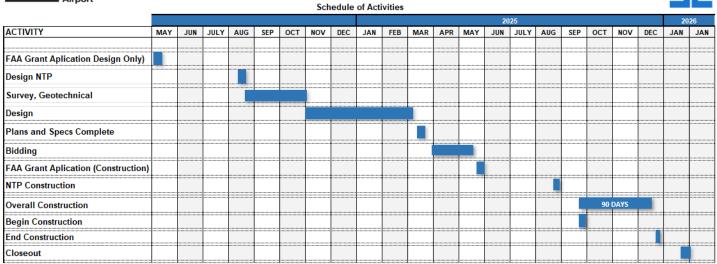
Terminal Apron Rehabilitation

Schedule of Activities

ACTIVITY	MAY	JUN	JULY	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEP	OCT	NOV	DEC	JAN	JAN
									|←—— 2025 ——→|												|← 2026 →|	
FAA Aplication Design Only)	■																					
Design NTP				■																		
Survey, Geotechnical					■■	■■																
Design							■■	■■	■■	■■	■											
Plans and Specs Complete											■											
Bidding												■	■									
FAA Grant Aplication (Construction)													■									
NTP Construction																■						
Overall Construction																	90 DAYS					
Begin Construction																	■					
End Construction																				■		
Closeout																						■

END SCOPE OF WORK