

TASK ORDER APPROVAL FORM

CONTRACT #: C20-2959-AP

TASK ORDER #: 10

Project name: DTS GA Taxilanes Rehab

TASK ORDER AMOUNT: \$ 30,005.00

CONTRACT #: C20-2959-AP
REYNOLDS, SMITH AND HILLS, INC. (RS&H)
General Aviation Eng Svs for Okaloosa County Airports
EXPIRES: 08/17/2023 W (2) 1 YR Renewal

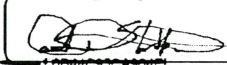
OFFERED BY CONSULTANT:

RS&H Inc.

FIRM'S NAME

Dale Stubbs, PE

REPRESENTATIVE'S PRINTED NAME

Digitally signed by:


SIGNATURE

Vice President

5/3/2023

TITLE

DATE

RECOMMENDED FOR APPROVAL
Tracy Stage, A.A.E.

APPROVED BY OKALOOSA COUNTY
(Per Purchasing Manual)

- \$25,000 or less approved by Purchasing Manager
- \$25,001 to \$50,000 approved by OMB Director
- Between \$50,001 and \$100,000 approved by Purchasing Director and County Administrator
- In excess of \$100,000 approved by the Board.



SIGNATURE Tracy Stage A.A.E.

Airports Director

TITLE

5.17.23

DATE

DeRita Mason

Digitally signed by DeRita Mason
Date: 2023.05.18 14:32:13 -05'00'

PURCHASING MANAGER

DATE

Faye Douglas

Digitally signed by Faye Douglas
Date: 2023.05.23 12:01:33 -05'00'

OMB Director/DATE

DATE

COUNTY ADMINISTRATOR John Hofstad
(if applicable)

CHAIRMAN-
(if applicable)

DATE

DATE

RS&H Project No. 1048-1915-008
Client Project No. _____
Short Title: Okaloosa County DTS GA Taxilanes Rehab

WORK ORDER

Work Order No. 8
Date: 04-24-2023

RS&H, INC., a Florida corporation (“CONSULTANT”) agrees to perform and complete the following work (hereinafter “Work”) for **OKALOOSA COUNTY BOARD OF COUNTY COMMISSIONERS** (the “COUNTY”), in accordance with the terms and conditions of the Professional Architectural, Engineering and Aviation Planning Services agreement dated August 18, 2020, all of which terms and conditions are incorporated herein by reference:

Project Location: Destin Executive Airport (DTS), Destin, Florida

Project Description/Scope of Services: The purpose of this project is for the CONSULTANT to provide preliminary design services associated with the rehabilitation of taxilane pavement at DTS. The scope of services are described more fully in the attached Scope of Work.

Fee: The COUNTY shall compensate the CONSULTANT for the performance of the scoped services on a Lump-Sum basis. The Lump-Sum fee shall be \$30,005.00. CONSULTANT shall be compensated based on a percentage complete basis.

Schedule: Preliminary Design Documents within 60 calendar days following the Notice-to-Proceed issued by the COUNTY.

Deliverables: Described more fully in attached Scope of Work

Other Considerations: None.

CLIENT:
Okaloosa County Board of County Commissioners

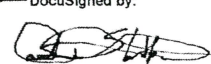
By: 

Print Name: Tracy Stage

Title: Airports Director

Date: 5-17-23

RS&H:
RS&H, Inc.

DocuSigned by:

By: F6B44C95CA964EF...

Print Name: Dale Stubbs

Title: Vice-President - Aviation

Date: 5/3/2023

ATTEST:

DocuSigned by:

By: D4B7ECDE77E84D2...
Assistant Corporate Secretary

[CORPORATE SEAL]



***DTS General Aviation Taxilane
Rehabilitation Preliminary Design
Scope of Work***

Version 2.0
April 19, 2023
Okaloosa County Airports
Destin, FL
RS&H Project No : 1048-1915-009

Prepared by RS&H, Inc. at the
direction of Okaloosa County Airports

RS&H

I PROJECT DESCRIPTION

Okaloosa County Airports has requested a proposal from RS&H, Inc. to provide preliminary design services for the rehabilitation (bituminous mill and overlay) and possible realignment of existing general aviation (GA) taxilane pavement at Destin Executive Airport (DTS). The existing taxilane pavement is exhibiting weathering, cracking, and deterioration of the bituminous binder at the surface of the pavement. A mill and overlay of this pavement will provide a new wearing surface for aircraft and vehicles and will extend the life of the pavement. After the pavement is overlaid with a new lift of asphalt surface course, new pavement markings will be installed.

As part of this assignment, RS&H will provide topographic survey and preliminary design plans. Final design, bid-assistance and Construction Administration (CA) services may be scoped an added in a separate authorization.

The Project will be designed to meet the current requirements of the FAA, Florida Department of Transportation, and the Okaloosa County Airport Administration. If standards conflict, the most stringent standard shall govern. Any deviations from these assumptions once notice has been given to the Consultant to begin the work of this contract may require a change to the Project scope and additional fees.

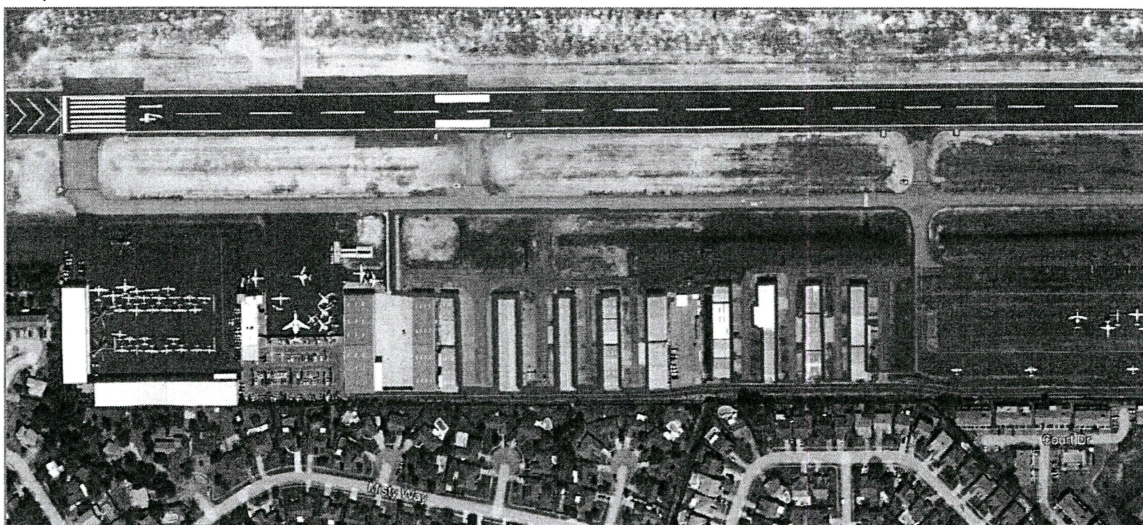


Figure 1 – Project Limits (DTS Taxilanes)

The project will be evaluated and designed to the following FAA Advisory Circulars, as applicable, including (but not limited to):

FAA AC 150/5300-13B Airport Design

FAA AC 150/5370-2G Operation Safety on Airports during Construction

FAA AC 150/5340-1M Standards for Airport Markings

FAA AC 150/5320-6G Airport Pavement Design and Evaluation

FAA AC 150/5370-10H Standards for Specifying Construction of Airports

II PROJECT TASKS

TASK 1 PRELIMINARY DESIGN

Task 1.1 Kickoff Meeting / Coordination

The Consultant will coordinate and attend one kick-off meeting with the Airport staff and any other necessary stakeholders to establish design goals and methods, and schedule. Meeting minutes will be developed following the meeting and distributed to all attendees.

The Owner will provide any existing data within the project area that is available including record drawings, engineers reports, construction reports, and other applicable data. Data collection will include a review of existing project documents and bid tabulations, and a detailed visual inspection of the project site.

Task 1.2 Survey Coordination

The Consultant's surveyor will perform a topographic survey of the proposed project limits and surrounding area. The Consultant Project Manager will coordinate access requirements and operational restrictions between the surveyor and Airport Operations. After the survey is completed, the Consultant will do a detailed review to check that the survey mapped known and visible site elements. Once finalized, the Consultant will deliver to the Client an electronic version of the signed/sealed survey in both .pdf and CAD formats, for Airport reference. **It is assumed for the purposes of scope and fee development that the field investigation for this work can be performed during daytime hours.** Refer to Attachment B-1 for scope of services for project surveyor.

Task 1.3 Develop Preliminary Design Plans

The Consultant will prepare detailed 60% Design-level contract drawings for the proposed taxiway pavement rehabilitation. The Plans will include a phasing plan and schedule. An outline of the anticipated 60% Design plan sheets is provided below:

- Cover Sheet / Sheet Index / Summary of Quantities
- Construction Layout Plan
- Construction Phasing Plans

- Safety and Security Notes and Details
- Horizontal and Vertical Control Plan
- Existing Conditions / Demolition Plan
- Geometry Plan
- Taxilane Plan / Profiles
- Erosion and Sedimentation Control Plan
- Erosion and Sedimentation Control Details
- Grading and Drainage Plan
- Pavement Marking Plan
- Pavement Marking Details

Task 1.4 Estimate of Probable Construction Cost (EOPC)

The Consultant will prepare an EOPC based on relevant, local historical bid results for the Preliminary Design submittal. The EOPC is an estimate representing the judgment of the estimators who have no control over the cost of labor, materials or equipment, over the Contractor's methods of determining prices, or over competitive bidding, market or negotiating conditions. Accordingly, the Consultant cannot and does not warrant or represent that bids or negotiated prices will not vary from the EOPC, funding, or from any evaluation by the Consultant.

Task 1.5 Preliminary Design Review Meeting

The Consultant will coordinate and attend one (1) meeting to review the 60% Design Documents submittal. This meeting is anticipated to be held remotely via teleconference.

Task 1.6 Project Management

The Consultant will manage the Project in a professional manner to complete the efforts within the proposed time frame. This task includes scheduling, resource allocation, monitoring, oversight, direction, and control for all aspects of the Design Team's efforts, including assembly and coordination of all documentation.

III MEETINGS AND PRESENTATIONS

RS&H will prepare for and attend the following meetings:

- » Design Kickoff Meeting (At Airport)
- » Preliminary Design Review Meeting (Virtual)

IV DELIVERABLES

RS&H will provide the following deliverables:

- » Prelim Design Submittal – 3 Sets of Plans and Opinion of Probable Construction Cost

All deliverables will also be provided in electronic format.

V PROJECT SCHEDULE

RS&H will provide the above referenced services within the following schedule (or as mutually agreed upon by the Client and Consultant).

	Date
NTP	05/01/2023
Kickoff Meeting	05/04/2023
Prelim Design Submittal	06/30/2023
Prelim Design Review Meeting	07/11/2023

VI ASSUMPTIONS AND EXCLUSIONS

The following assumptions have been made for this Scope of Work:

- » Project will be funded by an FDOT grant
- » On-Site Kick-off meeting will be held concurrently with kick-off meeting for DTS South Apron Optimization Study, being performed under separate authorization.

The following items are excluded from this Scope of Work:

- » Environmental Services (including NEPA documentation)
- » Additional meetings other than those identified in Section III
- » ALP Update
- » AGIS Update
- » Final design documents
- » Bidding services
- » Full-time RPR construction inspection
- » RS&H will only perform services/work related in any way to PFAS chemicals or substances possibly containing PFAS chemicals (including but not limited to sampling, handling and remediating) to the extent the Okaloosa County Airports specifically directs, in writing, RS&H to perform such services/work, and RS&H shall not be liable for the nonperformance of such services/work.

VII PROFESSIONAL SERVICES FEE AND FEE TYPE

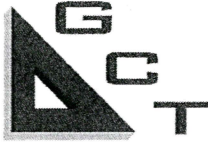
RS&H will provide the above referenced services for a Fixed Lump Sum Fee of \$30,005. See Attachment A for a breakdown of costs.



DESTIN EXECUTIVE AIRPORT
 Okaloosa County Airports General Consultant Contract
 General Aviation (GA) Taxiway Rehabilitation
 Preliminary Design Services
 Attachment A - Project Costs

SCOPE / TASK TITLE	PRINCIPAL	PROJECT MANAGER	SENIOR ENGINEER	ENGINEER	FIELD REPRESENTATIVE	ADMIN ASST	TOTAL	
BASIC SERVICES - LUMP SUM AMOUNT ESTIMATE BREAKDOWN								
Task 1 WORK ITEMS: Preliminary Design								
Task 1.1 Kick Off Meeting and Coordination		2	4				6	
Task 1.2 Survey Coordination		2	2				4	
Task 1.3 Develop Preliminary Design Plans							0	
Cover Sheet / Sheet Index / Summary of Quantities				2			2	
Construction Layout Plan				4			4	
Construction Phasing Plans	1		2	4			7	
Safety and Security Notes and Details				2			2	
Horizontal / Vertical Control Plan				2			2	
Existing Conditions / Demolition Plan			6				6	
Geometry Plan			8	8			16	
Taxiway Plan / Profiles	2		6	16			24	
Erosion and Sedimentation Control Plan				4			4	
Erosion and Sedimentation Control Details				2			2	
Grading and Drainage Plan			2	12			14	
Pavement Marking Plan				8			8	
Pavement Marking Details				4			4	
Task 1.4 Prelim Estimate of Probable Construction Cost (EOPC)		1	2	2			5	
Task 1.5 Prelim Design Submittal Review Meeting		1	2				3	
Task 1.6 Project Management		8				4	12	
TOTAL HOURS	0	17	34	70	0	4	125	
BURDENED RATE	\$200.00	\$185.00	\$200.00	\$130.00	\$80.00	\$65.00	\$154.44	
TOTAL DIRECT LABOR \$	\$0	\$3,145	\$6,800	\$9,100	\$0	\$260	\$19,305	
OTHER DIRECT NON-SALARY COSTS								
	# DWGS	# PAGES						
REPRODUCTION	@	@						
	\$2.00	\$0.10		#SETS				
Drawings	25			3			\$150	
Reports/Specifications							\$0	
TOTAL REPRODUCTION							\$150	
	# PCKGS							
POSTAGE/DELIVERY	@							
	\$50.00							
Reports/Specifications	1						\$50	
TOTAL POSTAGE/DELIVERY							\$50	
SPECIALTY SUBCONSULTANTS								
GCT - Topographic Survey							\$10,500	
TOTAL SPECIALTY SUBCONSULTANTS							\$10,500	
TRAVEL								
	#People	#Days	Car @	Lodging @	Miles @	Per Diem @		
			\$85	\$130	\$0.55	\$25		
Design Kick-Off Meeting (Concurrent w/ other mtg in separate TO)							\$0	
							\$0	
							Total	
							\$0	
TOTAL ODC's							\$10,700	
Total Proposed Lump Sum Fee for:	Task 1 WORK ITEMS: Preliminary Design							\$30,005

ATTACHMENT B-1 TOPOGRAPHIC SURVEY



GUSTIN, COTHERN, & TUCKER, INC.

SURVEYING & MAPPING

121 Hart Street | Niceville, FL 32578

Phone: (850) 678-5141 | Fax: (850) 729-2460 | www.gctsurveying.com

Proposal for Professional Services

Client Information

Name:	Matthew Thomason, PE, LEED AP Aviation Engineer	Date:	March 8, 2023
Company:	RS&H	Business:	251-290-7030
		Cell:	251-544-7016
Address:	358 St. Louis Street, Suite C Mobile, AL 36602	Email:	thomason@rsandh.com

Project Information

Project Name: DTS Taxi Lanes Topographic/As Built Survey

Project Location: Destin, Florida

Task Number and Description:

- 1) Prepare a topographic and as built survey for engineering design (see attached scope of work).

TOTAL: \$10,500.00

Notes:

- 1) This is a lump sum total.
- 2) Any work requested outside of the above scope of work will be billed as time and materials. See attached Fee schedule.

SCOPE OF SERVICES – DTS GA Taxilanes

The scope of services consist of:

- A. Survey of airfield areas as shown in attached exhibits

The work shall consist of the following tasks:

1. Surveying shall be performed at 50-foot by 50-foot intervals on unpaved surfaces and at 25-foot by 25-foot intervals on asphalt-paved surfaces within the area indicated on the attached exhibit. For any concrete-paved surfaces inside the survey limits, surveying shall be performed at the intersection of the paving joints.
2. Accurately locate any inlets, manholes, utilities, edge lights, signs, nav aids, edges of pavement, underground conduits, etc. which are within the survey limits and provide top, bottom and invert elevation for each structure. Pipe sizes entering and exiting all structures shall be accurately noted. If drainage structures are outside the envelope of the survey, the Surveyor shall move outside the survey limits and obtain all necessary data on the drainage system.
3. Accurately locate and describe any visible changes in pavement type within the limits.
4. Fillets at all pavement intersections shall be supplemented with sufficient intermediate locations and elevations to allow accurate contouring of the intersections.
5. Show a survey baseline for the sites to be used for both design and construction. The actual location of the baseline shall be in-line or parallel with the existing taxiway centerline with the exact location jointly determined by the surveyor and the engineer.
6. Provide an accurate sketch of all facilities located, and their approximate relationship to the survey baseline, within the survey limits and all appurtenant structures adjacent to or near the limits.
7. All pavement grades shall be measured to the nearest hundredth of a foot and ground shots to the nearest tenth of a foot. All half-foot contours shall be interpolated and shown on the survey drawings and electronic files. All half-foot contours shall be defined as three (3) dimensional elements) and have the appropriate contour elevation definition. The contours shall take into account all faults, break lines, etc.
8. All field notes shall be reduced and checked for allowable survey tolerances before being transmitted to the engineer for design.
9. Provide all the survey information in an ASCII format indicating X, Y, and Z coordinates (Coordinates shall conform to the State Plane Coordinate System used by Florida DOT), point numbers and point descriptions and as a computer drawing in Autodesk Civil 3D 2018 or higher with contours, edges of pavement, edge lights, signs, nav aids, utilities, etc. The AutoCAD file deliverable shall contain a 3-dimensional .tin surface that reflects the surveyed grade. The drawings shall be made to a scale of 1"=50'.

Surveyor shall provide an electronic file of the survey, printout of all points and a printout of the survey, signed and sealed by the surveyor. Electronic submittal will be acceptable for all deliverables.

10. Provide a complete description of the baselines tied to at least one (1) airport benchmarks.
11. Show and site the benchmark locations and elevations. Set the benchmarks using a closed loop from an established USGS benchmark on the airport. All level runs, benchmark descriptions and USGS benchmark descriptions shall be clearly recorded.

A professional licensed land surveyor in Florida shall be responsible for all surveying services. Services shall begin immediately following Notice to Proceed. Final submittal shall be delivered within 45 calendar days following Notice to Proceed.

DTS GA Taxilanes

Topographic Survey Limits

