

15 November 2024

Mr. Erik Treudt, AAE, IACE
Airport Manager - Projects and Maintenance
Daytona Beach International Airport (DAB)
Volusia County
700 Catalina Dr., Suite 300
Daytona Beach, FL 32114

**RE: Project Proposal 12 (v3.0)
Resident Project Representative Services for
Runway 25R Runway Safety Area Improvement Program
Daytona Beach International Airport**

Dear Mr. Treudt

Per our discussions, please find attached our Project Proposal 12, v3.0, dated 15 November 2024. This project proposal provides for Resident Project Representative (RPR) services to be provided under the terms of our existing master agreement. These services are associated with construction activities for the Runway 25R Runway Safety Area Improvement program at the Daytona Beach International Airport.

This revised proposal reflects changes in staffing and project duration associated with delays in authorization of this work order. This revised proposal estimates a start of services on or about 20 January 2025. Airport staff will perform RPR services for the initiation of the project.

This Project Proposal 12 is provided for your review, and if acceptable, for your authorization.

If you have any questions or comments, please don't hesitate to contact me.

Sincerely,



Brian Thompson, PE
Project Manager

***RUNWAY 25R RUNWAY
SAFETY AREA
IMPROVEMENTS
Resident Project
Representative Services***

Version 3.0

15 November 2024

Daytona Beach International Airport

Volusia County

Daytona Beach, Florida

Volusia Project ID: 24-B-129IF

DAB Project No.: PC-_____

RS&H Project No.: 1001-1878-012

Prepared by RS&H, Inc., at the direction
of Daytona Beach International Airport

DAYTONA BEACH INTERNATIONAL AIRPORT

RUNWAY 25R RUNWAY SAFETY AREA IMPROVEMENTS

RESIDENT PROJECT REPRESENTATIVE SERVICES

WORK PLAN

I PROJECT DESCRIPTION

The Runway Safety Area (RSA) overrun at Daytona Beach International Airport (DAB or Airport) is 1,000 feet long beginning at the runway threshold and extends 500 feet wide, or 250 feet on each side of the runway centerline. During the airport's Part 139 inspection the Runway 25R RSA overrun was identified as having a possible safety concern (or discrepancy or deficiency). The inspection identified surface variations that may not be consistent with the FAA Advisory Circular(s). The objective of this program is to update the RSA grading to meet Standard Operating Procedures (SOP) and to enhance the safety of air operations at Daytona Beach International Airport. Runway 7L-25R is the airport's primary air carrier runway.

Bidding and construction documents for the proposed improvements were developed by Others.

The proposed improvements are generally described to include the closure of existing ditches, the provision of corrective grading, the installation of significant drainage conveyance systems and permanent erosion protections, and the restoration of turfed surfaces.

Temporary erosion protections are required. Reconstruction of a segment of the Perimeter Service Road (PSR) affected by construction is required.

Temporary construction facilities include temporary fencing/gate access, temporary PSR and access continuity, and facilities for contractor use during construction.

A significant portion of the improvements occur within the RSA, which mandates closure of Runway 7L-25R, the primary air carrier runway. As such, this portion of the improvements will be restricted to a 30-calendar day period, to minimize the impacts to air carrier traffic and other airport stakeholders.

On behalf of the airport, Volusia County opened bids for the proposed improvements on 30 May 2024. Volusia County entered into a construction contract for the proposed improvements with GPS Civil Construction, Inc., on 08 August 2024.

Notice to Proceed with the proposed improvements was provided to the selected contractor on 13 November 2024.

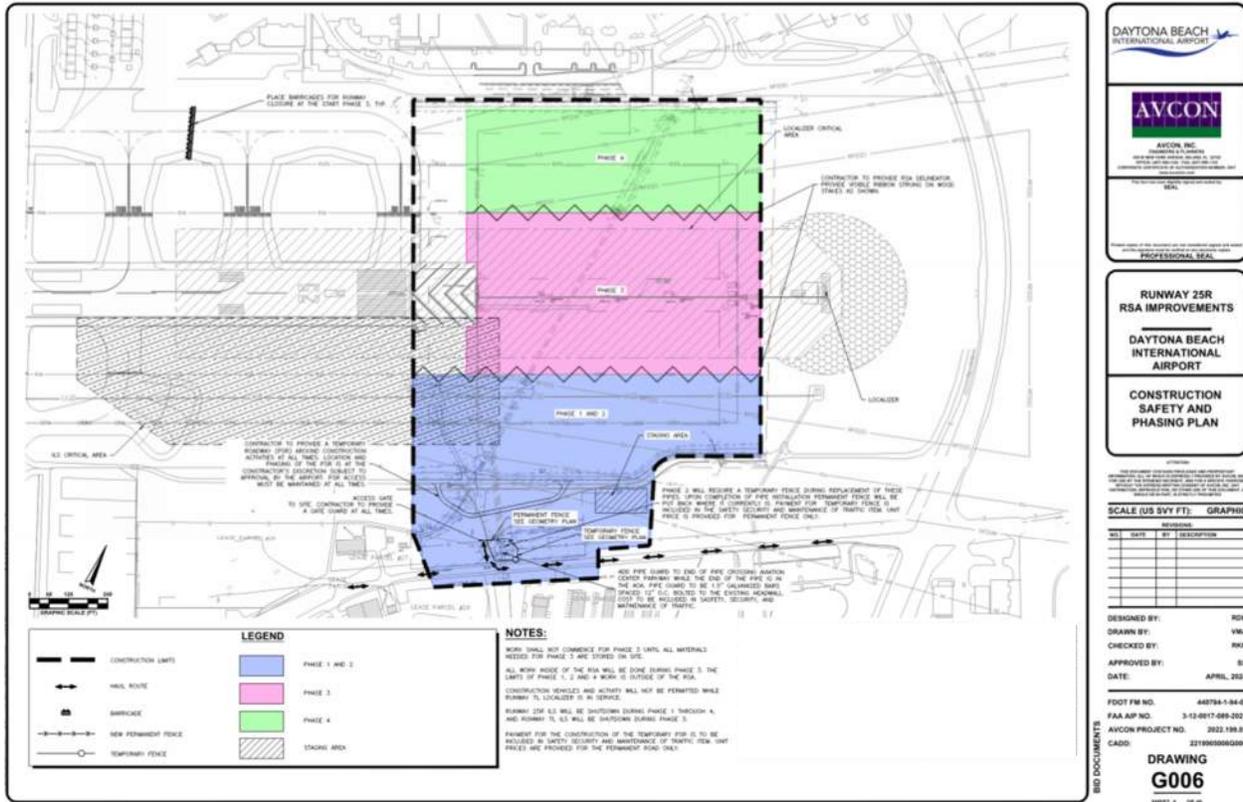


FIGURE 1: PROPOSED CONSTRUCTION PHASING PLAN

This Work Plan describes the scope of professional services for Resident Project Representative (RPR) services to be performed by RS&H. Construction materials testing (CMT) will be performed by subcontract under this Work Plan. Construction Administration (CA) services are provided by Others under a separate agreement. Due to delays in processing this work order, it is anticipated that DAB will initially self-perform RPR services. It is anticipated that RS&H services under this agreement will begin on 20 January 2025.

Details of the project schedule, durations, and milestone dates are included in *Section VI Project Schedule*.

II TEAM ORGANIZATION

The Airport shall be represented by the Airport’s Project Manager (APM) in all matters relating to the execution of this work program, operation of the Airport, and similar responsible activities. The APM coordinates with and engages airport management, airport departments, and other airport stakeholders as may be necessary. The APM will oversee self-performed RPR services during the initial project work period.

The RS&H Team (RS&H) consists of a group of professionals that will be assigned to handle the Resident Project Representative (RPR) services associated with the Runway 25R Runway Safety Area (RSA) Improvements program. The RPR will administer construction materials testing (CMT) to be performed by subcontract under this Work Plan. The scope and schedule of RPR services is outlined in this Work Plan.

Construction Administration (CA), including construction engineering, will be performed by AVCON, Inc. (AVCON) under a separate contract agreement. AVCON also developed the bidding documents and is the Engineer of Record (EOR) for the Runway 25R RSA Improvement program. CA responsibilities and activities are governed by the AVCON agreement with the Airport and are generally summarized for clarity in *Section VIII Assumptions and Exclusions*.

III CONSTRUCTION PHASE SUPPORT SERVICES

TASK 1 RESIDENT PROJECT REPRESENTATIVE

The Resident Project Representative (RPR) staff will be stationed at the site and will be responsible for assisting in the administration of the contract. Through the observations of RPR staff, the Construction Administrator (CA) shall endeavor to provide further protection for the Airport against defects and deficiencies in the Work. RPR services include construction materials testing as further defined in the attached subconsultant proposal. Staffing makeup and durations are estimated as itemized in **Attachment 1**.

Task 1.1 Pre-Construction Services

Upon NTP and prior to RS&H participation in on-site construction-monitoring activities, RS&H will prepare for familiarize the team with the contract documents and improvements to be constructed, and will obtain appropriate airport badging approvals.

Via the Airport's existing security protocols, RS&H will obtain airport airfield badging for one (1) Project Manager, one (1) primary RPR staff, one (1) secondary RPR staff, plus one (1) backup RPR staff. Badging will include AOA access and airfield driving authorization specific to the project site.

Task 1.2 Resident Project Representative Services

RS&H will provide resident project representative services for the project. Specific items will include:

- A. Project Startup: The Resident Project Representative (RPR) will prepare the project for construction startup. The RPR will coordinate with the contractor before and after the preconstruction conference to provide access for the contractor to enter the site to perform surveying, mobilization, and other project elements in preparation of construction beginning. The RPR will develop necessary paperwork, forms, reports, etc. in preparation of construction startup. The RPR will coordinate with the Airport's

- Project Manager (APM) to ensure all issues are addressed and properly communicated with the contractor, tenants, FDOT, etc. prior to construction startup. The RPR will coordinate with the APM concerning all Airport and FAA facilities, NAVAIDS, runway and taxiway lighting circuits and communications cables issues to ensure all electrical related issues are covered and procedures in place to prevent circuits being cut, damaged or otherwise affected prior to construction startup. Coordinate repair of facilities as damage occurs.
- B. Schedules: Review the baseline and all subsequent progress schedules, schedule of Shop Drawing submittals, and schedule of values prepared by the Contractor and consult with the APM, CA, and the EOR concerning acceptability.
 - C. Conferences and Meetings: Attend various meetings with the Contractor, APM, CA, and EOR such as the preconstruction conference, weekly progress meetings, job conferences and other project related meetings, and prepare and circulate copies of minutes thereof.
 - D. Liaison: Serve as the CA/EOR liaison with the Contractor, working principally through the Contractor's superintendent and/or project manager and assist in understanding the intent of the Contract Documents. Assist the CA/EOR in serving as the Airport's liaison with the Contractor when the Contractor's operations affect the Airport's on-site operations.
 - E. Review of Work, Inspections and Tests: Perform the following:
 - a. Conduct on-site observations of the Work in progress to assist the CA, EOR, and APM in determining if the Work is, in general, proceeding in accordance with the Contract Documents.
 - b. Report to the CA, EOR, and APM whenever the RPR believes that any Work is unsatisfactory, faulty, or defective or does not conform to the Contract Documents, or has been damaged, or does not meet the requirements of any inspection, test, or approval required. Advise the CA, EOR, and APM of Work that the RPR believes should be corrected or rejected, or should be uncovered for observation, or requires special testing, inspection, or approval. Coordinate materials acceptance testing failed results and coordinate retesting.
 - c. Verify that tests, equipment, and systems startups and operating and maintenance training are conducted in the presence of appropriate personnel, and that the Contractor maintains adequate records thereof; and observe, record, and report to the Engineer appropriate details relative to the test procedures and startups.
 - d. Monitor the contractor's activities as they relate to the Construction Safety Phasing Plan (CSPP) and the Safety Plan Compliance Document (SPCD). Immediately inform the contractor, CA, EOR, and APM when the contractor is in non-compliance with the standards and procedures contained in these documents, so that appropriate actions can be taken.

- e. Accompany visiting inspectors representing public or other agencies having jurisdiction over the Project, record the results of those inspections, and provide written reports of said visits to the CA.
 - f. Field inspect Change Order work to verify completion in accordance with contract documents.
- F. Interpretation of Contract Documents: Report to the CA/EOR when clarifications and interpretations of the Contract Documents are needed and transmit to the Contractor clarifications and interpretations as issued by the CA/EOR.
- G. Contract Modifications: Consider and evaluate the Contractor's suggestions for modifications in Drawings or Specifications and submit a report with the RPR's recommendations to the CA. Transmit to the Contractor decisions as approved by the EOR and the APM.
- H. Project Records: Perform the following:
- a. Maintain, at the job site, orderly files for correspondence, reports of job conferences, Shop Drawings, samples, and reproductions of original Contract Documents incorporating Addenda, Change Orders, additional Drawings issued subsequent to the execution of the Contract, the CA/EOR's clarifications and interpretations of the Contract Documents, progress reports, test reports, and other Project related documents.
 - b. Keep a log-book, recording the Contractor hours on the job site, weather conditions, data relative to questions, Change Orders or changed conditions, list of job site visitors, equipment on the site, daily activities, decisions, observations in general, any accident incidents, and specific observations in more detail as in the case of observing test procedures and send copies to the CA.
 - c. Record names, addresses and telephone numbers of all the contractors, subcontractors and major suppliers of materials and equipment.
 - d. Record and monitor installed work for compiling and submitting bimonthly estimates for progress payments to contractors.
 - e. Develop and maintain a materials test record book.
- I. Project Reports: Perform the following:
- a. Furnish the CA, APM, and the EOR weekly construction progress reports as required of progress of the Work.
 - b. Consult with the CA, APM, and EOR in advance of scheduled major tests, inspections or the start of important phases of the Work.
 - c. Advise the CA and APM when change orders may be required. Support the CA in drafting Change Orders.
 - d. Report immediately to APM, CA, and EOR upon the occurrence of any accident.
- J. Certificates, Maintenance and Operation Manuals: During the course of the Work, verify that certificates, maintenance and operation manuals, and other data required to be assembled and furnished by the Contractor, are applicable to the items actually

installed and in accordance with the Contract Documents. RPR will have this material delivered to the CA for review and forwarding to the APM prior to final payment for the Work.

- K. Project Closeout: Perform the following:
- a. Before the Airport issues a Certificate of Substantial Completion, conduct a pre-final inspection in the presence of the Contractor, the APM, the CA, and the EOR, and submit to the Contractor, APM, CA, and EOR, a punch list of observed items requiring completion or correction.
 - b. Conduct a final inspection in the company of the CA, the EOR, the APM and the Contractor and prepare a final punch list of items to be completed or corrected.
 - c. Observe that all items on the final punch list have been completed or corrected and make recommendations to the APM and CA/EOR concerning acceptance.
 - d. Compile project documentation for inclusion in Final Contract Report, including meeting minutes, field notes, test reports, field directives, change orders, and related documentation.
 - e. Collect and review red-line markups provided by the Contractor indicating all deviations from the plans. Forward red-line markups to the CA/EOR for incorporation into the final As-Constructed documentation.

Task 1.3 Construction Materials Acceptance Testing

By subcontract, RS&H will provide materials acceptance testing for the project. Construction materials testing (CMT) services will be provided by a subconsultant. Specific items will include:

- » Material and installation sampling and testing in accordance with FAA Items P-152 Excavation, Subgrade and Embankment, P-211 Lime Rock Base Course, P-209 Graded Aggregate Base, and P-610 Miscellaneous Concrete, and in accordance with FDOT Hot Mix Asphalt.
- » Trench backfill, pipe bedding material, and installation as identified under FAA Items D-701 Pipe for Storm Drains and Culverts, and D-705 Pipe Underdrain for Airports.

The anticipated effort for CMT services has been defined by Cal-Tech Testing, is included in **Attachment 1**.

Task 1.4 Project Management

RS&H will initiate project setup and tracking controls. RS&H will make monthly progress reports to the Airport during the entire duration of the project and coordinate with the APM, CA and EOR as needed. RS&H will manage the project in a professional manner and will assign qualified individuals or subconsultants to the project. The monthly progress reports will include a written description of each task identified within the contracted scope of services as of the date of the progress report. The progress reports will also include a monthly invoice for professional services.

IV MEETINGS AND PRESENTATIONS

RS&H will prepare for and attend the following meetings, on-site unless otherwise indicated:

- » Weekly/Semi-Weekly On-Site Construction Progress Meetings (up to 24)
- » Pre-Final Inspection Site Visit (1)
- » Final Inspection Site Visit (1)

V DELIVERABLES

RS&H will provide the following project deliverables:

- » Contractor Red-Line Mark-ups for Record Drawings by EOR
- » Final Contract Documentation, 1 hard copy, 1 electronic file/pdf

VI PROJECT SCHEDULE

The scope and cost of RPR services under this Work Program is closely associated with the construction schedule of the Runway 25R RSA Improvement Program.

This Work Plan is based on the proposed construction schedule as discussed with DAB staff and the CA/EOR (AVCON) on May 29-30, 2024, and as modified by a program planning session with DAB Staff, the CA/EOR (AVCON), and the Contractor (GPS Civil Construction) on September 25, 2024. The Work Plan was further refined by teleconference with DAB Staff on October 01, 2024. The Work Plan was finalized through discussions including DAB Staff and the CA/EOR and summarized by an email issued to DAB on 07 November 2024 by the CA/EOR.

The proposed construction sequence is outlined as follows:

Phase 1 (54 calendar days).

- » No Airfield Closures.
- » Develop Shop Drawings/Submittals, Contractor Mobilize & Stockpile Equipment.
- » Pre-positioning of all materials (including piping, structures, & bulk materials) and equipment.
- » Perform survey and layout work.
- » Install temporary construction facilities and initial erosion protections.

Phase 2+4 (119 Calendar Days)

- » No Airfield Closures. Runway 25R RSA is excluded from the construction area.
- » Implementation of all work south and north of 25R RSA, including grading, drainage, site restoration, and temporary and permanent erosion protections.
- » Temporary AOA fence relocation.

Phase 3 (31 Calendar Days/30 Calendar Nights)

- » Runway 7L-25R CLOSED (Day+Night).
- » All project work areas available.

- » Implementation of all work within and adjacent to 25R RSA (Phase 3 work area), including grading, drainage, site restoration, and temporary erosion protections.
- » Work in Phase 2 and 4 areas as necessary.
- » Concurrent day+night shift work anticipated to meet schedule limitations.
- » Complete punch list for Phase 3 work to avoid contractor re-entry into the area.

Phase 2+4 (31 Calendar Days)

- » No Airfield Closures. Runway 25R RSA is excluded from the construction area.
- » Implementation of all work north of 25R RSA, including grading, drainage, site restoration, and temporary and permanent erosion protections.
- » Complete punch list for Phase 2 and 4 work areas.
- » Restore contractor-use areas to pre-development conditions.

Phase 5 (31 Calendar Days)

- » No Airfield Closures.
- » As-Builts, Construction Contract Closeout.
- » Limited on-site inspections and punch list work.

Contract Duration: 266 Calendar Days

Substantial Completion: 235 Calendar Days.

It is noted that the construction schedule proposed in the project plans varies from the schedule included in the bidding documents. For the purposes of this Work Plan, phase and project durations are based on the program defined by the CA/EOR in an email dated 07 November 2024. The actual construction schedule is subject to adjustment based on contractor participation, weather conditions, and other factors. Extensions or adjustments to the schedule may require a supplemental agreement at additional cost to provide continued services. Schedule under-runs will not be invoiced to the Airport.

The program schedule is understood to be affected by the proposed Phase 3 closure of Runway 7L-25R, which must occur within a specific date period to be coordinated by the Airport with the airlines, tenants, ERAU, and other airport stakeholders. At the time of this proposal, this closure period has been established as 05 May 2025 thru 04 June 2025, with the runway re-opening on 05 June 2025.

The proposed construction phasing schedule, as defined by the project plans, is indicated in **Figure 1** and amended by **Table 1**.

Phase	Start Date	Closures	Description
1	13 November 2024	None	Submittals, Mobilize, Stockpile, Survey/Layout
2+4	06 January 2025	None	Work South and North of RSA.
2+3+4	05 May 2025	Runway 7L-25R	All work areas, including all work within 7L-25R RSA (Days+Nights). Complete RSA work.
2+4	05 June 2025	None	Complete all Work South and North of RSA.
5	06 July 2025	None	As-Built & Closeout.
	Total Contract Duration		266 Calendar Days, Complete 05 Aug 2025
	Total Construction Duration (Substantial Completion)		235 Calendar Days, Complete 05 July 2025

TABLE 1: PROPOSED CONSTRUCTION PHASING SCHEDULE

VII PROPOSED STAFFING

RS&H will provide the above referenced services within the proposed project schedule as identified within *Section VI Project Work Schedule* of this Work Plan.

The anticipated on-site field representation duration is indicated in **Table 2**. The anticipated RS&H on-site staffing effort is indicated on **Table 3**.

Detailed labor and expense budgets, established by work element, are indicated in **Attachment 1**.

	Phase	Start	Finish	Duration	DAB Days	RS&H Days
A	P1: Mobilization	11/13/24	01/05/25	54	54	
B	P2+4: N&S of RSA Only (DAB).	01/06/25	01/19/25	14	14	
C	P2+4: N&S of RSA Only.	01/20/25	05/04/25	105		105
D	P2+3+4: All Work Areas. Complete all P3: RSA work. 7L-25R Closed. Day+Night Work.	05/05/25	06/04/25	31		31
E	P2+4: N&S of RSA Only. Complete P2+4.	06/05/25	07/05/25	31		31
F	P5: Punch List & Closeout.	07/06/25	08/05/25	31		31
	Total Contract Duration:	11/13/24	08/05/25	266	68	198

TABLE 2: PROPOSED RPR SERVICES DURATION

	Phase	Duration (Calendar Days)	Frequency (Days/Week)	Working Days (On Site)	Hours/ Day	RS&H RPR Staff
A	P1	54	--	--	--	--
B	P2+4	14	--	--	--	--
C	P2+4	105	7	75	12	1
D	P2+3+4	31	5	22	2x 12	2
E	P2+4	31	--	22	12	1
F	P5	31		5	12	1

TABLE 3: PROPOSED ON-SITE RS&H RPR STAFFING

Based on discussions with the Airport, CA/EOR and the Contractor, it is anticipated that the bulk of the Work will be performed by a single construction crew during single-shift work. However, the Contractor anticipates that two work shifts (eg...day and night work shifts) will be required to assure completion of Phase 3 within the 31-calendar day time constraint as defined by the Runway 7L-25R runway closure. Phase 3 is the only period of concurrent daytime and nighttime construction operations during this program. Thus, a single RPR staff is proposed to service the construction Phases 1, 2, 4, and 5. It is anticipated that following WO authorization, RS&H RPR staff will be on site full-time during the active construction periods of Phase 2-4. Part-time on-site representation is anticipated during the Phase 5 project closeout, totaling 5 working days over the 31 day period.

To assure continuity through the construction period, RS&H proposes to badge three RPR staff, a primary (day), secondary (night), and a backup, for the project. The RS&H project manager will also be badged as a secondary RPR backup. The proposed primary RPR staff reside outside of the immediate Daytona area and will commute to the project during Phases 2, 3, 4 and 5. The secondary RPR staff (night work) resides out of state, and will travel to DAB for the duration of the Phase 3 night work. Phase 3 construction requires closure of the primary air carrier Runway 7L-25R and performance of the work is, therefore, time critical. Extended working hours are anticipated, and temporary housing and expenses are included to ensure staff safety for both the primary (day) and secondary (night) staff. Limited field staff is anticipated for Phase 5 project closeout. Three site visits by a Senior RPR are anticipated to assure compliance with construction, testing, safety, and record keeping requirements. Visits will be scheduled for critical work periods during construction.

Should the daily effort or construction duration increase, a supplemental agreement may be required for continued services. In the event of an under-run of daily effort or duration, such effort will not be invoiced to the Airport.

VIII ASSUMPTIONS AND EXCLUSIONS

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

- » Work program labor and expenses are based on the proposed construction schedule as provided to RS&H and identified in *Section VI Project Schedule*. Labor and expense budgets are indicated in **Attachment 1**.
- » Changes to the construction program, including delays or extensions of the project schedule or changes to the project scope or staffing requirements, may be cause for additional fees.
- » Design services are not a part of this work authorization. AVCON, Inc., as the Engineer of Record (EOR) retains the rights and responsibilities for design of the improvements and interpretation of the design documents.

The following items are excluded from this Scope of Work:

- » Construction Administration (CA) services. CA services are understood to be separately contracted by the Airport with Others (AVCON), including the following specific tasks outlined in the CA scope of services:
 - a) Prepare Conformed Construction Documents.
 - b) Conduct the Pre-Construction Conference.
 - c) General Contract Administration.
 - d) CA site visits and site reports.
 - e) Receipt, routing, logging, and distribution of submittals and test reports.
 - f) Preparation of routine change orders, interpretation of contract documents, and rendering decisions of disputes.
 - g) Provide design clarifications and recommendations. Evaluate contractor change, cost proposals, substitutions, and claims.
 - h) Review contractor applications and supporting documentation for compliance. Make recommendations for contractor payment.
 - i) Coordinate and perform final inspection with APM, EOR, and RPR. Make final payment recommendation.
 - j) Coordinate and assist in receiving closeout documentation, including warranties.
 - k) Provide As-Built "record drawings" in electronic and reproducible format.
 - l) Provide written closeout conformance certification.
- » As-built drawings will be prepared by Others (CA or EOR) based on red-line field markups provided by the contractor and reviewed by the RPR.
- » Modifications to the MALSR or other FAA facilities are not part of this proposal. Such work, if necessary, will be performed by Others.
- » Changes or updates to the ALP drawings are not a part of this proposal.

- » Warranty Inspections, such as those to be provided immediately prior to workmanship or equipment warranty expiration, are not a part of this proposal.
- » 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 Daytona Beach International Airport/Volusia County 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.

IX PROFESSIONAL SERVICES FEE AND FEE TYPE

RS&H will provide Task 1 Resident Project Representative Services, as specified above, for a Cost-Plus Fee, Not To Exceed \$483,496.31. Monthly invoicing will be based on effort expended and expenses incurred.

The total RS&H fee will not exceed **\$483,496.31** without prior authorization.

See **Attachment 1** for a breakdown of the fee and expense budget.

END OF WORK PLAN



**PROJECT PROPOSAL 12
DAYTONA BEACH INTERNATIONAL AIRPORT
RUNWAY 25R RUNWAY SAFETY AREA IMPROVEMENTS
RESIDENT PROJECT REPRESENTATIVE (RPR) SERVICES**

SUMMARY

SPECIAL SERVICES (NOT TO EXCEED FEE)	LABOR FEE	SUBCONSULTANT FEE	DIRECT EXPENSES	TOTAL FEE
Task 1: Resident Project Representation (RPR)	\$361,722.23	\$49,195.00	\$72,579.08	\$483,496.31
TOTAL SPECIAL SERVICES	\$361,722.23	\$49,195.00	\$72,579.08	\$483,496.31
TOTAL PROPOSED FEE (NOT TO EXCEED FEE)	\$361,722.23	\$49,195.00	\$72,579.08	\$483,496.31



**PROJECT PROPOSAL 12
DAYTONA BEACH INTERNATIONAL AIRPORT
RUNWAY 25R RUNWAY SAFETY AREA IMPROVEMENTS
RESIDENT PROJECT REPRESENTATIVE (RPR) SERVICES**

SCOPE / TASK TITLE	PROJECT OFFICER	PROJECT MANAGER	QC MANAGER	ENGINEER	RESIDENT INSPECTOR	SR RESIDENT INSPECTOR	ADMIN ASSIST	Hour TOTAL
Task 1.0 Resident Project Representative (RPR Services) (Not to Exceed)								
BASE BID (235 Construction Days / 266 Contract Days)								
Task 1.1 Pre-Construction Services								
DAB Badging (Primary+Night+Backup+Senior)		12			24	8		44
Kick-Off Meeting w/APM & CA (via Web Meeting)		0			0	0		0
Project Familiarization/Preparation		6			6	6		18
Task 1.2 Resident Project Representative								
A. Project Startup					12			12
B. Schedules					8			8
C. Conferences & Meetings								
Pre-Construction Conference		0			0	0		0
Weekly Progress Meetings: PM (up to 24, Phase 2-4)		144						144
Weekly Progress Meetings: RPR Attendance Included in Item 1.2E					0			0
D. Liaison					8			8
E. Review of Work, On-Site, Inspections, and Tests								
A. Phase 1: 54 CD @ 0 Days/Wk = 00 WD @ 10 Hours/Day					0			0
B. Phase 2+4: 14 CD @ 0 Days/Wk = 00 WD @ 12 Hours/Day					0	0		0
C. Phase 2+4: 105 CD @ 5 Days/Wk = 75 WD @ 12 Hours/Day					900	12		912
D. Phase 2+3+4: 31 CD @ 7 Days/Wk = 31 WD @ 12 Hours/Day					372	12		384
D. Phase 2+3+4: 30 CD @ 7 Nights/Wk = 30 WD @ 12 Hours/Night					360	0		360
E. Phase 2+4: 31 CD @ 5 Days/Wk = 22 WD @ 12 Hours/Day					264	12		276
F. Phase 5: 31 CD, 5 WD @ 12 Hours/Day					60			60
Allowance for Lost Work Days: Assume 5 Weather Days @ 8 Hrs.					40			40
F. Interpretation of Contract Documents		8			0			8
G. Contract Modifications		8			8			16
H. Project Records		8			24			32
I. Project Reports (Included in Item 1.2E)					0			0
J. Certificates, Maintenance, and Operations Manuals					4			4
K. Project Closeout		24			40			64
Task 1.3 Construction Materials Acceptance Testing (CMT)								
Coordination/Scheduling of CMT Subconsultant (Incl in Item 1.2E)					0			0
CMT Testing Services (see Specialty Subconsultants)					0			0
Task 1.4 Project Management								
Project Startup		4	16				16	36
Project Management (8 Mo @ 6 Hrs/Mo)		8	64					72
Project Closeout			8				8	16
TOTAL HOURS								
	12	298	0	0	2130	50	24	2514
RATE								
	\$100.00	\$85.00	\$75.00	\$40.00	\$40.00	\$75.00	\$30.00	
TOTAL DIRECT LABOR \$								
	\$1,200.00	\$25,330.00	\$0.00	\$0.00	\$85,200.00	\$3,750.00	\$720.00	\$116,200.00
OVERHEAD @								
	177.94%							\$206,766.28
PROFIT @								
	12%							\$38,755.95
TOTAL BURDENED LABOR @								
	3.11							\$361,722.23
DIRECT EXPENSES								
	# DWGS	#PAGES		#SETS				
	@	@						
REPRODUCTION	\$0.99	\$0.10						
Drawings	48			4				\$190.08
Reports/Specifications		600		4				\$240.00
TOTAL REPRODUCTION								
								\$430.08
	# PCKGS	# PCKGS						
	@	@						
POSTAGE/DELIVERY	\$15.00	\$3.00						
Drawings and Specifications	5	5						\$90.00
TOTAL POSTAGE/DELIVERY								
								\$90.00



**PROJECT PROPOSAL 12
DAYTONA BEACH INTERNATIONAL AIRPORT
RUNWAY 25R RUNWAY SAFETY AREA IMPROVEMENTS
RESIDENT PROJECT REPRESENTATIVE (RPR) SERVICES**

SCOPE / TASK TITLE	PROJECT OFFICER	PROJECT MANAGER	QC MANAGER	ENGINEER	RESIDENT INSPECTOR	SR RESIDENT INSPECTOR	ADMIN ASSIST	Hour TOTAL	
SPECIALTY SUBCONSULTANTS									
Construction Materials Acceptance Testing	CalTech Testing, Inc							\$49,195.00	
Other (none)	---							\$0.00	
TOTAL SPECIALTY SUBCONSULTANTS								\$49,195.00	
MILEAGE									
	0	trips@	200	miles/trip @	\$0.55	per mile		\$0.00	
Per Diem (partial day)	0	Days @	\$17						\$0.00
TOTAL MILEAGE								\$0.00	
TRAVEL									
	# People	# Days	Car @	Lodging @	Per Diem @	Per Diem @	No. of		
			\$125	\$275	\$17	\$69	Times		
DAB Badging	3	1	\$375	\$0	\$0	\$0	2	\$750	
Pre-Construction Conference (NIC)	0	0	\$0	\$0	\$0	\$0	0	\$0	
A. Phase 1 (54 calendar days) (DAB Inspection)	0	0	\$0	\$0	\$0	\$0	0	\$0	
B. Phase 2+4 (14 calendar days) (DAB Inspection)	0	0	\$0	\$0	\$0	\$0	0	\$0	
C. Phase 2+4 (75 working days)	1	75	\$28,125	\$0	\$1,275	\$0	1	\$29,400	
D. Phase 2+3+4 (31 working days)	1	31	\$3,875	\$8,525	\$0	\$2,139	1	\$14,539	
D. Phase 2+3+4 (30 working nights)	1	30	\$3,750	\$8,250	\$0	\$2,070	1	\$14,070	
D. Phase 2+3+4 (out of state travel/Air)	1	1	\$600				2	\$1,200	
E. Phase 2+4 (22 working days)	1	22	\$2,750	\$0	\$374	\$0	1	\$3,124	
F. Phase 5 (5 working days)	1	1	\$125	\$0	\$17	\$0	5	\$710	
Weather Allowance (5 calendar days)	1	1	\$125	\$275	\$0	\$69	5	\$2,345	
PM Site Visit	1	1	\$125	\$0	\$17	\$0	24	\$3,408	
Punch List/Final Inspection	1	1	\$125	\$0	\$17	\$0	2	\$284	
Senior RPR Validation	1	2	\$250	\$275	\$0	\$138	3	\$1,989	
								\$71,819	
OTHER EXPENSES									
Field Manager License (Not Used)	0	Each @	\$2,000						\$0.00
Badging	4	Each @	\$60						\$240.00
TOTAL EXPENSES								\$240.00	
TOTAL DIRECT EXPENSES								\$121,774.08	
TOTAL PROPOSED FEE FOR:	Task 1.0 Resident Project Representative (RPR Services) (Not to Exceed)							\$483,496.31	

Work Period	Key Dates		Days	Phase/Scope	Construction Inspection	
	Start	End			DAB	RS&H
A	11/13/2024	1/5/2025	54	Phase 1: Mobilization, Staging, Survey & Layout	54	
B	1/6/2025	1/19/2025	14	Phase 2+4: Improvements N & S of RSA only	14	
C	1/20/2025	5/4/2025	105	Phase 2+4: Improvements N & S of RSA only		105
D	5/5/2025	6/4/2025	31	Phase 2+3+4: Improvements All Areas (N, S, and in RSA) Rwy 7L-25R Closed, Day+Night		31
E	6/5/2025	7/5/2025	31	Phase 2+4: Improvements N & S of RSA only		31
F	7/6/2025	8/5/2025	31	Phase 5: Punch List + Closeout		31
	11/13/2024	8/5/2025	266		68	198



Cal -Tech Testing, Inc.

- Engineering
- Geotechnical
- Environmental

LABORATORIES

P.O. Box 1625 • Lake City, FL 32056
Tel. (386) 755-3633 • Fax (386) 752-5456

7540 103rd St, Suite 216, Jacksonville, FL 32210
Tel. (904) 381-8901 • Fax (904) 381-8902

June 3, 2024

Brian Thompson, P.E.
RS&H
10748 Deerwood Park Blvd South,
Jacksonville, FL 32256

RE: Runway 25R RSA Improvement
Daytona Beach International Airport

Dear Mr. Brian Thompson, P.E.:

Cal-Tech Testing, Inc. (CTI) is pleased to provide this proposal to perform the Quality Assurance Testing on the subject project. CTI will perform all Quality Assurance Testing required during the construction phases.

We estimate the cost of our services to be **\$49,195.00 (Forty-Nine Thousand One Hundred Ninety-Five And 00/100 Dollars)** based on the information available. A breakdown of this cost is attached. We will bill based on travel portal to portal and hours worked in the field. Additional work and/or change orders will be billed per our current unit rates. We will not exceed this fee unless additional testing is required, or unless there is an increase in the scope of work. In either case, we will not exceed our fee without your prior approval.

Cal-Tech Testing, Inc. appreciates the opportunity to provide this estimate and looks forward to a continued working relationship with RS&H on this and future projects. Should you have any questions concerning this fee estimate or the services proposed, please do not hesitate to contact me directly at (904) 864-8255.

Sincerely,


Cal-Tech Testing, Inc.
Brian McCollum, P.E.

Gary McCollum
Cal-Tech Testing, Inc.
Gary McCollum
Executive Vice President



Cal-Tech Testing, Inc.

Quality Assurance Testing Services

RS&H

Runway 25R RSA Improvement

Daytona Beach International Airport

June 3, 2024

Description	Unit	Estimated Quantity	Cost	Estimated Total
Earthwork Technician (P-152, P-211)	HR	500	\$ 80.00	\$ 40,000.00
Proctor w Soil Class	EA	4	\$ 165.00	\$ 660.00
LBR	EA	1	\$ 350.00	\$ 350.00
ACI Concrete Technician	HR	30	\$ 85.00	\$ 2,550.00
Concrete Cylinders (4 cylinders/set)	SET	6	\$ 125.00	\$ 750.00
P-401 Asphalt Plant Technician	HR	8	\$ 90.00	\$ 720.00
P-401 Asphalt Field Lvl 2 Technician	HR	8	\$ 80.00	\$ 640.00
Admin	HR	25	\$ 60.00	\$ 1,500.00
Engineering	HR	15	\$ 135.00	\$ 2,025.00
			Total:	\$ 49,195.00