

AMENDMENT 2
to
WORK AUTHORIZATION No. 5
For
REHABILITATION OF TAXIWAYS FOXTROT and GOLF

This AMENDMENT, made and entered into by and between the OWNER:

City of Fayetteville
433 Hay Street
Fayetteville, NC 28301

and the CONSULTANT:

RS&H Architects-Engineers-Planners, Inc.
8521 Six Forks Road, Suite 400
Raleigh, NC 27615

Amends WORK AUTHORIZATION No. 5 executed by and between the parties hereto on the 16th day of April 2026, into which this AMENDMENT is hereby incorporated and made a part hereof, to specify the following:

Scope of Basic Services: Amendment 2 to WORK AUTHORIZATION No. 5 is to provide additional compensation and time to the Consultant for Labor and Reimbursable expenses for the following additional general scope items:

- Construction Administration Services
- Quality Assurance Testing

Additional tasks are as follows:

Task B.1 – Construction Administration Services

Task B.1.1 Pre-Construction Conference – The CONSULTANT shall prepare for and attend a pre-construction conference at the Airport to be held with the Contractor, OWNER, and quality assurance testing firm.

Task B.1.2 Weekly Construction Meetings – The CONSULTANT shall facilitate weekly construction meetings at the Airport office with the Contractor and the OWNER. Meeting minutes will be issued by the CONSULTANT and confirmed by the Contractor, being distributed prior to the next meeting. Weekly meetings will include the following items:

- Safety Incidents
- Construction Progress Updates
- Planned Construction Activities
- Phasing Coordination
- Pending Requests for Information (RFI)
- Pending Submittals
- As Needed: Billings, Change Orders, Testing

Task B.1.3 Construction Observation Services – The CONSULTANT shall assign a Resident Project Representative (RPR) that shall make daily site visits to the construction site to observe the general progress and quality of the work and to determine if the work is generally proceeding in accordance with the contract documents and the contractor's construction schedule. The CONSULTANT shall make daily inspection reports to the OWNER to advise of any deviation from the contract documents or the contractor's construction schedule observed by or brought to the attention of the Consultant.

Daily inspection reports will provide information on what equipment, personnel, and operations are being performed on the site. Weather information will also be provided. Construction observation will be provided day or night or at the specific request of the OWNER.

The CONSULTANT shall not have control or charge of and shall not be responsible for construction means, methods, techniques, sequences or procedures or for the safety precautions and programs in connection with the project's construction. Furthermore, the CONSULTANT shall not be responsible for the acts or omissions of the contractor, subcontractors, any of their agents or subcontractor's employees, nor any other person performing any of the work or for the failure of such persons to carry out the work in accordance with the contract documents.

Task B.1.4 Shop Drawings – The CONSULTANT shall review and take appropriate action as outlined in the contract documents upon the receipt of shop drawings, samples, and other submissions furnished by the Contractor and submitted to the CONSULTANT. The CONSULTANT shall maintain a log of all contractor submittals that shall include the submittal date, the action taken, and the date returned. The log shall be included with the weekly construction meetings, Task A.1.2.

Task B.1.5 Change Orders – The CONSULTANT shall prepare routine change orders as required; act as interpreter of the terms and conditions of the contract documents and judge of the performance thereunder by the parties thereto and make decisions on claims of the Airport and contractor relating to the execution and progress of the work and other matters and questions related thereto.

Task B.1.6 Clarifications/RFI Review – The CONSULTANT shall provide design clarifications and recommendations to assist the Airport in resolving field problems relating to the construction. The CONSULTANT shall evaluate contractor change and cost proposals and substitutions and recommend to the Airport to either approve or disapprove the contractor's proposal or substitution.

Task B.1.7 Contractor Pay Requests – The CONSULTANT shall review contractor applications for payment and supporting data received from the Contractor, review the amount owed to the contractor and recommend approval in writing all payments to contractor in accordance with the contract documents.

Task B.1.8 Substantial and Final Completion Inspection and Punch Lists - The CONSULTANT shall perform, together with the OWNER, Contractor, and subconsultants, a substantial completion and final completion inspection to determine if the project has been

completed in accordance with the contract documents and if the contractor has fulfilled all of its obligations thereunder so that CONSULTANT may recommend approval if applicable, in writing, of final payment to the contractor.

Task B.1.9 Develop Warranty Information – The CONSULTANT shall assist the Airport and Contractor in receiving and forwarding to the Airport's authorized representative written warranties and related documents assembled by the contractor.

Task B.1.10 Record Drawings – The CONSULTANT shall provide one set of reproducible drawings and CAD files "record drawings", which shall become the property of the Airport, corrected to show significant changes made in the work during the construction of the project. Such corrections shall be based upon "as-built" prints, drawings, field sketches and other data furnished to the CONSULTANT by the Contractor, and upon change orders issued during construction.

To avoid misunderstandings or questions, the CONSULTANT understands and agrees that the Airport shall have the responsibility for the general administration of the construction contract. Accordingly, the CONSULTANT shall not have the authority or responsibility to issue direct instructions to the contractor, to reject work done by the contractor, or to require special inspections and/or tests. The CONSULTANT, however, shall provide continuing counsel to the Airport's authorized representative throughout the construction of the project.

Task B.1.11 Project Management – Progress reports will be made monthly to the Airport's authorized representative during the entire duration of the project, as required. The CONSULTANT, in coordination with subconsultants and the contractor, shall perform monitoring of scheduling, resource allocation, monitoring, oversight, direction and control for aspects of the team's efforts including assembly and coordination of documentation. The CONSULTANT shall manage their responsibilities for the project in a professional manner, will assign qualified individuals to the project, and shall complete the efforts within a reasonable time frame.

Additional Subconsultant Services for this Amendment

QUALITY ASSURANCE TESTING SERVICES – S&ME, Inc.

S&ME will provide material testing services for the installation of subgrade, stone, asphalt, and other materials as defined in the contract documents. This testing shall be performed in addition to the quality control testing expected by the contractor and does not release the contractor from providing those services for material acceptance.

ELECTRICAL SUBCONSULTANT – Walls Engineering, PLLC.

The electrical engineer shall provide construction administration services that allow response of RFIs and Change Orders. Some site visits have been included in their scope of work to address issues and perform punch list inspections.

Additional Services: See Attachment B – Fee Estimate for Construction Administration Services

Reimbursable Expense Compensation: See Attachment B – Fee Estimate for Construction Administration Services

Total Compensation and Method of Payment: Consultant Basic Services Compensation as an hourly not-to-exceed amount will be increased by \$283,183.00 from \$652,098.00 to \$935,281.00 (\$156,767.00 for Construction Administration Services and \$126,416.00 for Reimbursable Expenses - See Attachment B – Fee Estimate for Construction Administration Services)

All other provisions of the referenced WORK AUTHORIZATION shall remain in full force and effect and unmodified by the AMENDMENT other than as noted herein.

“OWNER”
CITY OF FAYETTEVILLE

“CONSULTANT”
RS&H ARCHITECTS-ENGINEERS-
PLANNERS, INC.

BY:

BY:

Doug Hewett
City Manager
Date: _____

Dale Stubbs
Project Officer
Date: _____



City of Fayetteville NC Fayetteville Regional Airport
Attachment B - Fee Estimate for Construction Administration Services
Work Authorization No. 5
REHABILITATION OF TAXIWAYS FOXTROT and GOLF
Construction Administration Services

SCOPE / TASK TITLE		PROGRAM MANAGER	PROJECT DIRECTOR	PROJECT MANAGER	SENIOR ARCHITECT	PROJECT ARCHITECT	SENIOR ENGINEER	PROJECT ENGINEER	ENGINEER III	ENGINEER II	ENGINEER I	ENGINEERING INTERN	SENIOR TECHNICIAN	ADMIN ASSIST	TOTAL									
TASK B.1 Construction Administration Services		----- MAN HOURS -----																						
1.1	Pre-Construction Conference		4							4	8				16									
1.2	Weekly Construction Meetings (7 weeks x 2 people @ 4 hrs/wk)		12							16	28				56									
1.3	Construction Observation Services (8 weeks x 1 person @ 50 hrs/wk)									350	56				406									
1.4	Shop Drawings			5			10			50	60				125									
1.5	Change Orders (Est. 4 hrs. / week avg.)		8	3			5			5	8			5	34									
1.6	Clarifications/RFI Review (Est. 8 hrs. / week avg.)		8	3			10			10	20			5	56									
1.7	Contractor Pay Requests			10						10	10				30									
1.8	Substantial and Final Completion Inspection and Punch Lists		8	5						20	10				43									
1.9	Develop Warranty Information			5						10				5	20									
1.10	Record Drawings			5			5			10	40				60									
1.11	Project Management	4	40				10			50			20		124									
TOTAL HOURS		4	80	36	0	0	40	0	0	535	240	0	20	15	970									
RATE		\$295.00	\$262.50	\$217.00	\$211.00	\$186.00	\$204.00	\$186.00	\$171.00	\$160.00	\$121.00	\$99.00	\$129.00	\$93.00										
TOTAL LABOR \$		\$1,180	\$21,000	\$7,812	\$0	\$0	\$8,160	\$0	\$0	\$85,600	\$29,040	\$0	\$2,580	\$1,395	\$156,767									
REIMBURSABLE EXPENSES (At-Cost)																								
	Plans, Bulletins, RFIs, and Change Orders	20	10	Sheets																				
		@	@																					
		\$3.50	\$0.20	Cost	3 # of Sets																			
	Reports/Memos	100		Pages																				
TOTAL REPRODUCTION															\$ 566.00									
		0	0																					
	POSTAGE/DELIVERY	@	@																					
		\$18.00	\$0.60																					
	No Postage	0	0																					
TOTAL POSTAGE/DELIVERY		\$0.00	\$0.00												\$0.00									
SUBCONSULTANTS [Allowances]																								
	Quality Assurance Testing -- S&ME														\$59,873									
	Electrical Construction Administrative Services -- Walls Engineering														\$53,865									
	Total Cost -- Subconsultants														\$113,738									
TRAVEL																								
		# People	# Days	Airfare @	Lodging @	Per Diem @	Misc @	Mileage @	No. of															
				\$650	\$100	\$60	\$20	\$0.725	0															
	Resident Project Representative Full-Time Observation	1	50	\$0	\$5,000	\$3,000	\$0	\$0																
															\$8,000									
															\$0									
Total Travel Expenses (At-Cost)															\$8,000									
MILEAGE																								
	Meetings (160 miles to and from RS&H Office x 7 meetings)	1,120.00	Miles @	\$0.725											\$812									
	Lease, Fuel, Maintenance, and Insurance for Engineering Field Personnel Vehicle	\$1,650	per month	2	Months										\$3,300									
Total Mileage Expenses (At-Cost)															\$4,112									
Sub-Total Hourly Not-to-Exceed Fee for Additional Services:															\$156,767									
Sub-Total At-Cost Reimbursable Expenses:															\$126,416									
Total Fee for Construction Admin Services & Reimbursable Expenses:															\$283,183									



April 15, 2026

RS&H
8521 Six Forks Road, Suite 400
Raleigh, North Carolina 27615

Attention: Ms. Tarryn Little, PE
Associate Vice President, Aviation

Reference: **Proposal for Quality Acceptance Testing**
Taxiway F and G Rehabilitation
Fayetteville Regional Airport
Fayetteville, North Carolina
S&ME Proposal Number 25050709A

Dear Tarryn:

S&ME, Inc. (S&ME) appreciates the opportunity to present this proposal to provide materials acceptance testing services for the referenced project. This proposal includes a summary of our understanding of the project, our proposed scope of services, and the estimated fee. We understand this work will be authorized through a contract between RS&H and S&ME.

◆ PROJECT INFORMATION

Our understanding of the project is based on the following:

- Request for proposal from you dated April 6, 2026
- Airport Rehab of TW F&G, Technical Specs and Bid Documents
- Contractor Phasing Plan and Schedule

We understand the project will include milling and asphalt pavement replacement (mill and fill) within Taxiways F and G. There is a potential that embankment fill could be required during grading of shoulders. We understand the contract time is 45 calendar days and that construction is anticipated to begin in the summer of 2026.

◆ Scope of Work

Based on review of the provided documents and our experience on similar projects, we understand the following services will be required.

FAA P-152 Excavation, Subgrade, and Embankment (if needed)

- **Proofroll Observations:** Our services can consist of observing as the contractor proofrolls the existing soil surfaces after stripping and grubbing of the site, but before placement of structural fill. Areas of yielding or unstable soil conditions can be identified in the field by our personnel and recommendations provided, if required.
- **Undercutting Observations:** When necessary, S&ME personnel can observe undercutting operations and measure the approximate length, width, and depth of undercut areas using a tape measure. If S&ME provided the recommendations for undercutting, our personnel can determine when the recommended suitable conditions are reached.
- **In-Place Density Testing:** On a part-time basis, our services can consist of performing in-place field density tests at randomly selected locations to measure the density of the fill placed in structural areas throughout the project site. The results can be used in conjunction with laboratory Proctor results to calculate the degree of compaction for compliance with the project documents. As outlined in the project specifications, testing will be performed by the nuclear gauge method (ASTM D6938).
- **Laboratory Testing:** After obtaining representative soil samples from the site, our laboratory personnel can perform standard Proctor (ASTM D698) testing to obtain the material's optimum moisture content and maximum dry unit weight. In addition, Atterberg limits and grain size analysis testing can be performed.

FAA P-401 Asphalt Mix Pavement

- Our personnel can perform QA testing per the FAA P-401 Plant Mixed Bituminous Pavement specifications. Typically, QA testing is performed in the contractor's laboratory, utilizing the contractor's equipment. The contractor will obtain asphalt cores and return them to the laboratory for testing. QA testing typically involves the following: Marshall bulk sampling of the mix, Maximum Theoretical Specific Gravity and air void calculations of the mix, and specific gravity testing of the cores. S&ME will review Job Mix Formulas and submittals.

Project Report, Management, and Administration

- **Daily Reports:** Daily reports of the evaluations, observations, and tests performed by S&ME field personnel will be electronically emailed to the provided distribution list once reviewed by an S&ME project manager. Our personnel will provide verbal communication of test results while on site to your representative.
- **Project Summary Report:** At the conclusion of the project, we can provide you with a summary report of S&ME's QA testing services performed during construction of the project.
- **Meetings:** An S&ME representative can attend the pre-construction meeting, the QC/QA workshop meeting, pre-installation meeting, and project progress meetings.

◆ EXCLUDED SERVICES

Unless the scope of work outlined in this proposal is modified in writing, the following items are specifically excluded from our Scope of Services:

- Environmental services including sampling, testing, and observations of contaminated soils and/or water.
- Contractor QC testing, evaluations, and observations.
- Directing of any contractor's or subcontractor's work.
- Any aspect of site safety other than safety of S&ME employees.

◆ CLIENT RESPONSIBILITIES

We ask that you be responsible for the following:

- **Plans and Specifications** – Provide us with current project plans and specifications, including any revised or additional drawings/directives that are produced during construction of the project.
- **Scheduling** – Provide us with the name of the individual who will be responsible for scheduling and directing our testing services. Provide, or instruct your appointed representative to provide, a minimum 24-hour notice for our services. When our services will be needed on weekends and/or holidays (Memorial Day, Labor Day, Thanksgiving Day, the day after Thanksgiving, Christmas Eve, Christmas Day, and New Year's Day), we require a minimum 48-hour notification.
- **Report Distribution** – Provide us with all applicable names and addresses for report distribution.
- **Orientation or Passes** – We understand safety and site orientation may be required for the project. Please provide us with contacts to schedule these classes and orientation. Time and expenses for these items will be billed at the unit rates shown on the cost estimate.

◆ COMPENSATION

Costs for testing services will be based on actual quantities of work performed and the attached unit rates. We have based our cost estimate on project documents, past experience with similar scale projects, and our understanding of the contract time for rehabilitation of the taxiways. Based on the understanding that the contractor will have a detailed Quality Control plan, we have estimated a cost of \$59,873.

Please note that the total testing cost is dependent on many factors and is significantly influenced by the actual construction schedule. If the actual construction schedule varies from that provided, the total cost for testing services will also vary. We will not exceed the estimated testing fee without your authorization.

Please note that our invoice payment terms are 30-days net. Once a contract is agreed upon and you receive our first invoice, we ask that you verify our invoice headings, descriptions, and mailing address to assure prompt payment.

◆ AUTHORIZATION

We expect that RS&H will issue a subcontract agreement with S&ME for this work.

This proposal is solely intended for the basic services as described in the Scope of Services. The Scope of Services may not be modified or amended unless the changes are first agreed to by the client and S&ME. Use of this proposal and resulting documents is limited to the above referenced project and client. No other use is authorized by S&ME.

◆ **CLOSURE**

We appreciate the opportunity to submit this proposal and look forward to working with you on this project. If you have any questions concerning the information presented herein, please contact us at your convenience.

Sincerely,

S&ME, Inc.

A handwritten signature in blue ink, appearing to read "E. Shaffer".

Eric Shaffer, PE
VP/Office Principal

A handwritten signature in blue ink, appearing to read "Wes Lowder".

Wes Lowder, P.E.
Senior Vice President

Attachments: Quality Acceptance Testing Cost Estimate

QUALITY ACCEPTANCE TESTING COST ESTIMATE

Proposal Name: Fayetteville Regional Airport
Proposal Location: Fayetteville, North Carolina
Proposal No.: 25050709A



EXPENSES

Natural Moisture Content:		tests	@	\$25.00	each	\$0
Atterberg Limits:		tests	@	\$125.00	each	\$0
Modified Proctor		tests	@	\$275.00	each	\$0
FDR Mix Design		tests	@	\$3,000.00	each	\$0
Nuclear Density Gauge		days	@	\$55.00	each	\$0
Truck Charge		days	@	\$50.00	each	\$0
Specific Gravity/Density of Asphalt Cores		tests	@	\$60.00	each	\$0
Unit Weight:		tests	@	\$150.00	each	\$0
Compressive Strength Cylinders, 6in. x 12in.		tests	@	\$35.00	each	\$0
Compressive Strength Cylinders, 4in. x 8in.		tests	@	\$30.00	each	\$0
Mileage	4000	miles	@	\$0.70	per mile	\$2,800
EXPENSES SUBTOTAL:						\$2,800

PROFESSIONAL SERVICES

Labor

P6 - Senior Engineer/Professional	30	hours	@	\$83.73	per hr	\$2,511.90
P5 - Project Engineer/Manager:		hours	@	\$64.99	per hr	\$0.00
P4 - Staff Engineer/Professional		hours	@	\$52.88	per hr	\$0.00
P3 - Staff Engineer/Professional	40	hours	@	\$41.93	per hr	\$1,677.20
P2 - Staff Professional:		hours	@	\$33.33	per hr	\$0.00
P1 - Staff Professional:		hours	@	\$29.50	per hr	\$0.00
T6 - Engineering Technician	210	hours	@	\$37.53	per hr	\$7,881.30
T6 - Engineering Technician - overtime	105	hours	@	\$56.30	per hr	\$5,911.50
Project Administrator	15	hours	@	\$34.19	per hr	\$512.85
Payroll Burden:						\$18,494.75
Overhead: 180.32%						\$ 33,349.73
Subtotal:						\$ 51,844.48
Fixed Fee: 10%						\$5,184.45
Cost of Capital: 0.2400%						\$44.39
PAYROLL TOTAL:						\$57,073.32

ENGINEERING SERVICES TOTAL: \$59,873

TOTAL: \$59,873

Professional Design Services – Airfield Lighting Systems Construction Administration Task

A. CONSTRUCTION ADMINISTRATION (CA): Construction Administration services for the project will be provided by the CONSULTANT. Construction Administration services shall include the following:

- Complete a site visit with the OWNER to review construction. The site visit will be a visual review of the construction activities.
- Attend weekly construction progress meetings virtually throughout the duration of the project (16 meetings anticipated).
- Review and respond (or take other appropriate action in respect of) shop drawings and samples, the results of tests and inspections and other data which each Contractor is required to submit (15 submittals anticipated).
- Review and respond to request for information from the Contractor (10 RFIs accounted for).
- Recommend to RS&H design changes and/or supplemental agreements to the construction contract incidental to existing field conditions or improvements in the project design. Prepare estimates of cost or savings from proposed order(s), prepare design change(s) along with basis for recommendation and negotiate on behalf of OWNER with the Contractor to arrive, if possible, at an appropriate compensation resulting from the proposed revisions. (3 Design Changes Accounted for).
- Attend final walk through at or near the end of the project as scheduled by the Airport / RS&H.

B. MISCELLANEOUS

1. All work not specifically stated in this scope of work is excluded. For clarity, a list of exclusions is shown below:
 - a. Any permitting
 - b. Electrical Construction Inspection Services
 - c. Sub-Surface evaluation of electrical items
 - d. Electrical Testing

The above list is not all-inclusive.

C. DELIVERABLES

- Field reports during site visits during construction
- Reviewed electrical shop drawings
- Responded to RFIs

-
- Change Order documents, as required
 - Electrical Punchlist
 - Record drawings – DWG Format and PDF format

D. PROJECT FEE

The total fee to perform the scope of services described is the lump sum amount as ***shown in the attached*** man-hour / task break.

END OF SCOPE OF SERVICES

Taxiway F and G Rehabilitation Project - Construction Admin.

DESCRIPTION	PROJECT MANAGER		ENGINEER		CADD Tech		Admin		Total Labor	
	Rate:	\$ 188	Rate:	\$ 156	Rate:	\$ 71	Rate:	\$ 65		
	MH	COST	MH	COST	MH	COST	MH	COST	MH	COST
Construction Admin - Airfield Electrical										
Evaluate Bid Tab	2	\$ 376	0	\$ -	0	\$ -	0	\$ -	2	\$ 376
Pre-Construction Meeting	4	\$ 752	0	\$ -	0	\$ -	0	\$ -	4	\$ 752
Attend weekly Construction Meetings via conference call (16 total)	30	\$ 5,640	30	\$ 4,680	0	\$ -	0	\$ -	60	\$ 10,320
Respond to RFI (Estimated 10 RFIs)	20	\$ 3,760	30	\$ 4,680	30	\$ 2,130	0	\$ -	80	\$ 10,570
Review Shop Drawings (Estimated 15 Shop Drawings)	32	\$ 6,016	40	\$ 6,240	0	\$ -	0	\$ -	72	\$ 12,256
Design Changes (Estimated 3 Design Changes)	15	\$ 2,820	20	\$ 3,120	45	\$ 3,195	0	\$ -	80	\$ 9,135
Site Visit / Substantial Completion Walk-Thru	8	\$ 1,504	8	\$ 1,248	0	\$ -	0	\$ -	16	\$ 2,752
Final Walk-Thru	8	\$ 1,504	8	\$ 1,248	0	\$ -	0	\$ -	16	\$ 2,752
Record Drawings	4	\$ 752	16	\$ 2,496	24	\$ 1,704	0	\$ -	44	\$ 4,952
									374	\$ 53,865
									Total	\$ 53,865.00