

AMENDMENT NO. 2 TO SUPPLEMENTAL AGREEMENT NO. 3

REQUESTED BY: James Parish DATE:

CLIENT: Charlotte County Airport Authority REFERENCE AECOM JOB NO.:

ADDRESS: 2800 A-1 Airport Road Punta Gorda, FL 33982 CLIENT P.O. NO.:

To confirm your authorization for additional services as they relate to our existing Supplemental Agreement dated October 23, 2018, AECOM will furnish the following:

Work and fee related items contained in this Amendment No. 1 include the following:

1. Prepare contract change order documents to include an additional five 50'x50' nominal aircraft box hangars north of the proposed 600 series hangars, including all civil related work, permitting and construction phase services.

The estimated cost of the services is a lump sum amount of \$75,130.00 when added to the previous agreement totals \$221,040.00. Client agrees to pay AECOM as compensation for its services on a monthly basis as invoices are submitted. One of the following methods of payments will be used:

- 1-() According to the hourly rate schedule attached.
2-() According to the provisions set forth for additional services in the original Agreement.
3-(X) A Lump Sum fee of \$75,130.00 for Amendment No. 2 work.
4-() Other method as described in Attachment

The above services are anticipated to be completed within 15 months after receipt of this signed Authorization. All other provisions of our original Agreement dated October 23, 2018 remain in effect.

If the above meets with your approval, please sign in the appropriate space on both copies of this Authorization, retain one copy for your files, and return one copy to AECOM.

Agreed to: Agreed to:

Charlotte County Airport Authority (CLIENT'S NAME) AECOM

BY: [Signature] Authorized Signature

BY: [Signature] Authorized Signature

James W. Parish, P.E. Signer's Name (Typed or Printed)

Steven Henriquez, P.E. Signer's Name (Typed or Printed)

Date: February 18, 2021

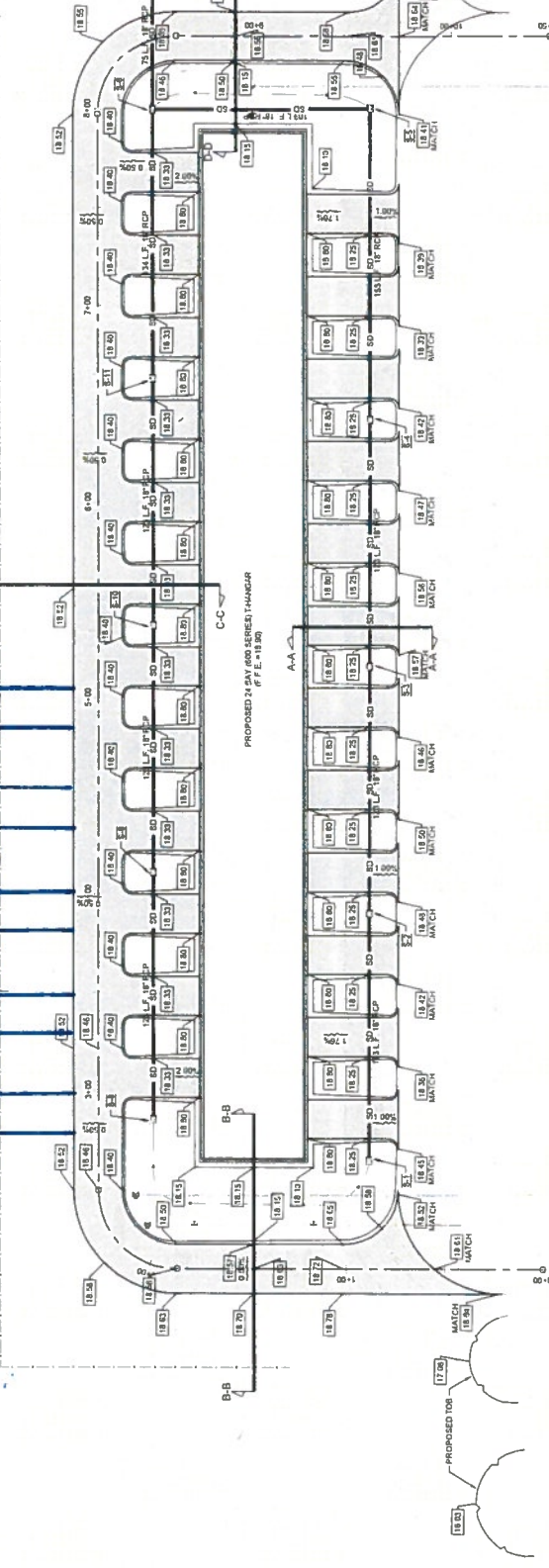
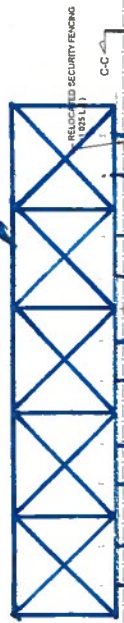
Date: 2/3/21

Title: CEO

Title: Vice President

Number	Type	Grade Elev.	Invert			NOTES
			N	E	W	
5-1	C	18.50	-	18.53	-	15.33
5-2	C	18.20	-	15.10	-	15.10
5-3	C	18.20	-	14.85	-	14.85
5-4	C	18.20	-	14.54	-	14.54
5-5	C	18.25	-	14.21	-	14.18
5-6	C	18.25	-	15.09	-	15.02
5-7	C	18.25	-	14.84	-	14.84
5-8	C	18.25	-	14.91	-	14.91

5-50' x 50' BOX HANGARS



PROJECT SKETCH

DATE: OCTOBER, 2019 SCALE: 1"=30'

SHEET: C4.11 PROJECT No: 19-0446

DESIGNED BY: ERIC P. LINDSEY, P.E. FLORIDA LIC. NO. 47267

CHARLOTTE COUNTY AIRPORT AUTHORITY
 NEW 600 SERIES T-HANGAR
 GRADING AND DRAINAGE PLAN
 SECTION 10, TOWNSHIP 41 SOUTH, RANGE 23 EAST

PROJECT No.: 19-0446
 PROJECT Engineer: E.P.L.
 PROJECT Designer: M.P.C.
 CHECKED BY: K.H.K.
 APPROVED BY: E.P.L.

PUNTA GORDA
 FLORIDA

REV.	DATE	BY	CKD	DESCRIPTION

688 Charlotte Street, Suite 8
 Punta Gorda, Florida 33950
 Tel: (813) 837-8655 | Fax: (813) 837-1149
 www.sed-engineers.com
SED
 Soils, Planning & Engineering, Inc.

CERTIFICATE OF AUTHORIZATION No. 26353

FEE PROPOSAL

SUMMARY OF ENGINEERING FEES

REPLACEMENT HANGAR FOR BUILDING 207 - PREPARE CONTRACT CHANGE ORDER DOCUMENTS TO
ADD 5 50' X 50' BOX HANGARS

Design Phase - AECOM	\$41,080.00
Design Phase - SED	\$20,250.00
Change Order Negotiation Phase - AECOM	\$2,140.00
Construction Phase Services - AECOM	\$10,280.00
Expenses	<u>\$1,380.00</u>
TOTAL	\$75,130.00

**AECOM
MAN-HOUR AND LABOR COST ESTIMATE**

LOCATION: Punta Gorda Airport
 PROJECT: Replacement Hangar for Building 207 - Add 5 50'x50' Box Hangars
 CONTRACT: 04191423-2506

DATE: 01/29/21
 PREPARED BY: SGH/dk

EMPLOYEE CLASSIFICATION	Principle		Project Manager		Senior Electrical/ Senior Civil Eng.		Engineer/Designer		CADD Technician		Clerical		TOTAL Hours	TOTAL Fee
	Rate: \$290.00	Hours	Rate: \$195.00	Hours	Rate: \$165.00	Hours	Rate: \$140.00	Hours	Rate: \$105.00	Hours	Rate: \$75.00	Hours		
TASK DESCRIPTION	Hours	Amount	Hours	Amount	Hours	Amount	Hours	Amount	Hours	Amount	Hours	Amount	Hours	Amount
DESIGN PHASE														
General Consulting / Proj. Mgmt / Client Meetings	4	\$1,160	4	\$780	0	\$0	0	\$0	0	\$0	1	\$75	9	\$2,015
Coordination with Fire Marshal/ Building Dept.	0	\$0	2	\$390	0	\$0	0	\$0	0	\$0	0	\$0	2	\$390
Final Plans New Hangar	2	\$580	24	\$4,680	46	\$7,590	46	\$6,440	93	\$9,765	2	\$150	213	\$29,205
Final Specifications / Report Modifications	2	\$580	8	\$1,560	4	\$660	0	\$0	0	\$0	8	\$600	22	\$3,400
Estimate of Probable Construction Cost	0	\$0	2	\$390	0	\$0	4	\$560	0	\$0	2	\$150	8	\$1,100
Quality Control	2	\$580	4	\$780	4	\$660	0	\$0	0	\$0	0	\$0	10	\$2,020
Review Meetings	2	\$580	8	\$1,560	4	\$660	0	\$0	0	\$0	2	\$150	16	\$2,950
TOTAL	12	\$3,480	52	\$10,140	58	\$9,570	50	\$7,000	93	\$9,765	15	\$1,125	280	\$41,080

AECOM
DRAWING LIST AND MANHOURLY ESTIMATE

LOCATION: Punta Gorda Airport

PROJECT: Replacement Hangar for Building 207 - Add 5 50'x50' Box Hangars

CONTRACT NUMBER: 04191423-2506

1/29/2021

SGH/dk

EMPLOYEE CLASSIFICATION		PROJ. MGR.	SR ENG	ENG	CADD TECH	TOTAL HOURS
NUMBER OF DRAWINGS	DRAWING DESCRIPTION	Hours	Hours	Hours	Hours	
1	Cover Sheet	0	0	0	1	1
2	Summary of Quantities & Safety and Security Notes	0	1	0	4	5
3	Contract Layout Plan & Notes	0	2	0	6	8
4	Phasing Plan & Notes	2	2	0	4	8
5	Typical Sections	0	0	0	0	0
6	Existing Conditions Survey	0	2	0	4	6
7	Geometry Plan	0	0	0	4	4
8	Grading Plans	0	0	0	4	4
9	Erosion Control Plan & Details	0	0	0	4	4
10	Add Hangar Notes and Legend	0	2	2	2	6
11-12	Add Hangar Layout Plan	2	2	2	8	14
13-14	Add Hangar Foundation Plan	2	1	6	8	17
15-16	Add Hangar Elevations	4	2	8	8	22
17-18	Add Hangar Utility Connections Plan & Details	4	2	4	4	14
19	Add Hangar Details & Code Notes	4	2	2	6	14
20-21	Electrical Legend, General Notes and Keyed Notes	0	4	2	2	8
22-25	Electrical Site Plan & Details	4	24	16	20	64
26-27	Fencing Plan & Details (adjust from GAC layout)	2	0	4	4	10
TOTAL		24	46	46	93	209

**AECOM
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DATE: 01/29/21
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	Rate: \$290.00	Hours	Rate: \$195.00	Hours	Rate: \$165.00	Hours	Rate: \$140.00	Hours	Rate: \$105.00	Hours	Rate: \$75.00	Hours		
CHANGE ORDER NEGOTIATION PHASE														
Advertise and Pre-Bid Assistance	0	\$0	4	\$780	0	\$0	0	\$0	0	\$0	0	\$0	4	\$780
Pre-Bid Conference	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Addendum Preparation	0	\$0	2	\$390	2	\$330	2	\$280	2	\$210	2	\$150	10	\$1,360
Recommendation for Award / Bid Tabulations	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
TOTAL	0	\$0	6	\$1,170	2	\$330	2	\$280	2	\$210	2	\$150	14	\$2,140

**AECOM
MAN-HOUR AND LABOR COST ESTIMATE**

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CONSTRUCTION PHASE SERVICES														
Attend & Assist in Pre-Construction Meeting	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Construction Site Visits & Coordination Meetings	0	\$0	4	\$780	4	\$660	0	\$0	0	\$0	4	\$300	12	\$1,740
Review and approve shop drawings	0	\$0	8	\$1,560	4	\$660	8	\$1,120	0	\$0	2	\$150	22	\$3,490
Review and answer RFI's	2	\$580	2	\$390	4	\$660	12	\$1,680	4	\$420	2	\$150	26	\$3,880
Review test reports, pay request and C.O.	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Perform final inspection with CLIENT	0	\$0	6	\$1,170	0	\$0	0	\$0	0	\$0	0	\$0	6	\$1,170
TOTAL	2	\$580	20	\$3,900	12	\$1,980	20	\$2,800	4	\$420	8	\$600	66	\$10,280

OUT-OF-POCKET EXPENSE ESTIMATE:

LOCATION: Punta Gorda Airport
 PROJECT: Replacement Hangar for Building 207 - Add 5 50'x50' Box Hangars
 CONTRACT NUMBER: 04191423-2506

Date: 1/29/2021
 Prepared By: SGH/dtk

DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	ESTIMATED TOTAL PRICE
I. TRAVEL EXPENSES				
Meals	2	trips	@ \$40.00	\$80.00
Car Rental	2	trips	@ \$100.00	\$200.00
SUBTOTAL TRAVEL EXPENSES				\$280.00
II. COMMUNICATION EXPENSES				
U.S. Postage / Express Service	1	lump sum	@ \$100.00	\$100.00
SUBTOTAL COMMUNICATION EXPENSES				\$100.00
III. PRODUCTION / PRESENTATION EXPENSES				
Prints	6	sets	@ \$100.00	\$600.00
Photocopying	1	lump sum	@ \$300.00	\$300.00
Report Printing / Binding / Graphic / Covers, Etc.	1	lump sum	@ \$100.00	\$100.00
Presentation Graphics		lump sum	@ \$200.00	\$0.00
Boards / Signs		@		\$0.00
Slides		@		\$0.00
Video		@		\$0.00
Model		@		\$0.00
Reference Materials		@		\$0.00
Aerial Photography		@		\$0.00
Quad Sheets / Maps		@		\$0.00
Coordinate Data		@		\$0.00
Microfilm		@		\$0.00
SUBTOTAL PRODUCTION / PRESENTATION EXPENSES				\$1,000.00
TOTAL PROJECT OUT-OF-POCKET EXPENSES				\$1,380.00

January 29, 2021

Steve Henriquez
AECOM
7650 W Courtney Campbell Causeway
Suite 700
Tampa, Fl 33607

RE: PGD T-Hangars - Change Order #2

Dear Steve:

We are pleased to present this Professional Service Agreement for the engineering services required for the development of the above referenced project. This scope of services was based on our conversation and concept plan provided. It was our understanding that you will require site and civil engineering services for the above mentioned project to accommodate a bank of T-Hangars adjacent to the currently designed hangars on Challenger Blvd. This proposal will include utility design (water and sewer services), localized topographic, location and tree survey, site design and stormwater modeling. SED will utilize and modify the current plans. This proposal will establish our proposed services and associated fees we believe are necessary to successfully complete this project.

PHASE 1 – DATA COLLECTION

Task No. 100 Site Analysis

Prior to commencing the concept design process for the project, the Engineer will conduct a thorough review of the existing site conditions. This analysis will include an on-site and in-office review of vegetation, soils, utilities, drainage, access, zoning, known easements, and other site design constraints to the property.

Task No. 101 Survey Services

SED currently has topographic data in this area, however trees are still needed to be located. This information will be used for the purposes of site drainage analyses and site layout. This survey will incorporate existing ground topography, existing drainage structures and inverts, any existing swales, existing pipe sizes and will extend beyond the actual site to ensure an accurate drainage model can be achieved. This survey will also be used for agency permitting and is available for building permit requirements.

Task No. 102 Wetlands / Protected Species Assessment

SED shall provide a wetlands, habitat and protected species assessment in accordance with Water Management District and Florida Fish and Wildlife Conservation Commission (FWC) guidelines. This task DOES NOT include permit applications for any protected species found to be impacted by developing the site. A proposal for conducting this additional work can be provided in the event that permits relative to protected species are required.

Phase 1 Fixed Fee- \$3,500.00

PHASE 2-CONCEPT ALTERNATIVES

A sketch was provided to SED. SED will modify the existing plans to accommodate the proposed building

Task No. 200 Concept (30%) Design

Upon receipt of the survey information the Engineer shall prepare a conceptual geometry plan containing the following:

- A. Building and buffer setbacks (per local zoning requirements)
- B. Conceptual building
- C. Conceptual fence layout

Task No. 201 Geotechnical Drilling and Engineering Services

SED will coordinate with its sub consultant and perform (2) Standard Penetration Test (SPT) borings advanced to depths of (20) feet below existing site grade. Visually classify and stratify the soil/rock samples recovered and perform laboratory testing as necessary to facilitate classification of samples. Summarize the activities on this project in the form of a Geotechnical Engineering Report. The results of this report will be used for stormwater analysis and excavation requirements. It is not intended for building foundation design.

Phase 2 / Fixed Fee- \$3,750.00

PHASE 3-PRELIMINARY DESIGN

Task No. 300 Preliminary (60%) Design

Upon receipt of **written approval of the Concept Plan from the Owner**, the Engineer shall prepare a preliminary site geometric plan containing the following:

- A. Name of project
- B. Name of developer, project's engineer, surveyor, etc.
- C. Date; north arrow and scale
- D. Exterior boundaries for the right-of way as derived from a project limits survey
- E. Site summary showing a breakdown of the project's area.
- F. Location of proposed buildings
- G. The location of the site fencing

Task No. 301 Preliminary Drainage Modeling

The Engineer shall utilize the existing site drainage model, and modify it for the planned development. The Engineer will run pre- and post-development storm water analyses for submission to the Water Management District and the Municipality.

Task No. 302 Preliminary Grading and Paving plan

The Engineer shall prepare a preliminary grading and paving plan containing the following:

- A. Surface flow arrows showing general direction of surface run-off
- B. Location of inlets, storm drainage pipes, and discharge point
- C. Type of pavement, pavement typical section

Task No. 303 Preliminary Utility Plan

The Engineer shall prepare a preliminary utility plan showing:

- A. Proposed utility connection locations
- B. layout and depths of gravity mains (if applicable)

Phases 3 / Fixed Fee- \$4,500.00

PHASE 4-FINAL DESIGN

Task No. 400 Final (90%) Design

Upon receipt of **approval of the 60% Design from the Owner**, the Engineer shall prepare a Final site geometric plan containing in addition to the Preliminary site plan the following:

- A. Design related details
- B. Cross sections and area summary
- C. Additional information required by governmental review agencies
- D. The finish floor elevation
- H. The location of the site fencing

Task No. 401 Final Drainage Modeling

The Engineer shall modify the model, as necessary, to incorporate any changes to the design that affect the drainage model.

Task No. 402 Final Grading and Paving Plan

In addition to the information contained on the preliminary grading and paving plan, the final grading and paving plan shall contain the following:

- A. Pavement markings
- B. Traffic signs
- C. Elevations:
 - 1. applicable construction details
 - 2. existing and proposed cross sections through the property
 - 3. catch basins, inlets, stormwater runoff structures, swales, etc.

4. proposed grade elevations with spot elevations and percentage grades on driveways and parking areas.
- D. Stormwater system components
 5. using the existing drainage model, SED will provide a drainage report that includes: the curve number, the channel, direction, flow rate, volume of surface water that will be conveyed to master storm water system
 6. dry detention volume
 7. weir elevation and size
 8. erosion control plan

Task No. 403 Final Utility Plan

In addition to the information contained on the preliminary utility plan, the final plan shall contain the following:

- A. wastewater main lengths and grades, and wastewater collection system details
- B. plan view for the wastewater main
- C. water distribution facilities details

Phases 4 / Fixed Fee- \$4,000.00

PHASE 5-PERMITTING SERVICES

Task No. 500 Water Management District Stormwater ERP Modification – Application

Assist the client with the signed and sealed pre- and post-development storm water calculations for submission into the permit request.

Task No. 501 City of Punta Gorda Utility and FDEP Water Application

Assist the client with the preparation and submission of the Municipal Utility and FDEP Water Distribution permit application.

Task No. 502 City of Punta Gorda Utility and FDEP Wastewater Application

Assist the client with the preparation and submission of the Municipal Utility and FDEP Wastewater Collection System permit application.

Phase 5 / Fixed Fee- \$4,500.00

PHASE 6- BIDDING SERVICES

Task No. 600 Bidding Services (Under existing Contract)

SED will provide bid documents to facilitate an invitation to bid process. SED will provide responses to bidders questions pertaining to the site development. SED will provide the Client a bid summary and recommendation.

Phase 6 / Fixed Fee- \$0.00

PHASE 7- CONSTRUCTION SERVICES (Under existing Contract)

Task No. 700 Record Drawings Submittal

The Engineer shall prepare Record Drawings based on As-Built survey data provided by the Contractor for certifications required by Charlotte County and Water Management District.

Task No. 701 Shop Drawing Review

The Engineer will review and comment on construction shop drawings submitted by the contractor. The approved shop drawings will be forwarded to the required Agency for final acceptance.

Task No. 702 Periodic Observation / RFI's/ Meetings

SED will provide periodic observation during the construction process. The Engineer will review all materials testing done during the construction process. The purpose of the periodic observations is so the Engineer can certify that the construction was completed in substantial compliance with the approved plans. SED will respond to RFI's attend meetings requested by the Contractor, AECOM and CCAA.

Phase 7 / Fixed Fee- \$0.00

Fee Summary

Phase 1	\$3,500.00
Phase 2	\$3,750.00
Phase 3	\$4,500.00
Phase 4	\$4,000.00
Phase 5	\$4,500.00
Phase 6	\$ 0.00
Phase 7	\$ 0.00
Project Fee Total	\$20,250.00

It is understood that additional professional services can be provided only as agreed upon by the Client and Southwest Engineering & Design, Inc., in writing and in accordance with the attached Provisions and Fees. Authorized additional professional services shall be subject to the Provisions of the Contract.

Please note that this proposal does **NOT** include the following:

- ALTA survey unless otherwise noted.
- The Environmental and Cumulative Impacts - if required
- Heritage tree analysis and report

- 100 Year Storm Event Modeling and Floodplain Calculations
- Permit application fees (Water Management Dist., FDEP, NPDES, Municipal, etc.)
- Offsite Utility extension – water and sewer from the Municipal Utility other than indicated within the above Scope of Services
- Offsite Natural Gas, Cable, Phone, Fiber-Optic, etc. Extension
- ACOE Permitting if required
- Brownfield data and additional permitting requirements
- Municipal Excavation and Earth Moving Permit
- Preliminary and Final Plat Services
- Construction Stake-out and As-Built Survey
- Traffic Study and/or Signalization Plans other than those indicated within the above Scope of Services.
- Outdoor and offsite Signs and Sign Location Plans
- Sketch and Description of Easements if required from reviewing Agencies
- Off-street and On-street Lighting for parking
- Structural plans for buildings, bridges, retaining walls, custom stormwater structures, etc.

If this Agreement is acceptable to you, please sign and return one copy to our office as authorization to begin work. We look forward to working with you on this project.

Yours truly,

SOUTHWEST ENGINEERING & DESIGN, INC.

A handwritten signature in blue ink that reads "Gary Bayne".

Gary W. Bayne, P.E.
President