



# Pinellas County

## Staff Report

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**File #:** 24-0045A, **Version:** 1

**Agenda Date:** 5/21/2024

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**Subject:**

Ranking of firms and agreement with C&S Engineers, Inc. for the Passenger Terminal Improvements Project - design and construction administration services.

**Recommended Action:**

Approval of ranking of firms and agreement with C&S Engineers, Inc. for the Passenger Terminal Improvements Project - design and construction administration services.

- The purpose of this contract is to provide design and construction administration services for the Passenger Terminal Improvements Project at the St. Pete-Clearwater Airport.
- Award recommendation to C&S Engineers, Inc., in the amount of \$14,331,447.75, is in accordance with the Consultants Competitive Negotiation Act (CCNA), per Florida Statute 287.055.
- Two certified Small Business Enterprise (SBE) sub-consultants are included in the award to C&S Engineers, Inc., Hyatt Survey Services, and OHC Environmental Engineering for total SBE fees in the amount of \$245,626.31, or approximately 2% commitment of the total award amount.
- Note that terminal building planning and design is a “niche market” in the field of professional services where distinct knowledge of operational aspects, security requirements, and interaction of a variety of agencies and tenants is paramount to the safety of the users of the facility. It is expected that SBE participation will be much greater during the construction phase of the project as there will be a much larger pool of County approved SBE contractors to perform the various trades under the direction and control of the Construction Manager at Risk.
- Funding is available under New Passenger Terminal Improvements Project 003343A, included in the Fiscal Year 2024-2029 Capital Improvement Plan, funded by the Airport Revenue and Operating Fund, in the amount of \$77,572,000.00.

Contract No. 23-0146-RFP-CCNA, in the amount of \$14,331,447.75 from the notice to proceed date for a term of 2,000 consecutive calendar days; Authorize the Chairman to sign and the Clerk of the Circuit Court to attest.

**Strategic Plan:**

Foster Continual Economic Growth and Vitality

4.4 Invest in infrastructure to meet current and future needs

4.5 Provide safe and effective transportation systems to support the efficient flow of motorists, commerce, and regional connectivity

**Summary:**

Due to the existing terminal building being woefully undersized to meet the current passenger

volumes, this design effort, (to be further supported by a Construction Manager at Risk in the near future), will enable the airport to expedite this construction effort to meet current and near-future demands for hold room and public space areas; outbound baggage make-up areas; and restroom and concessions areas.

This project will also correct inefficiencies in passenger security screening by combining the two checkpoints into one consolidated checkpoint.

**Background Information:**

The original terminal building was dedicated in 1957. Since that time, various building expansions and renovations have been made to the facility. The most recent building improvements have been to the Federal Inspection Services area, Gates 7-11 passenger security screening and hold room area, and the Ticketing "A" check-in and baggage screening and make-up areas.

Since 2013, the airport has experienced double-digit growth in total passenger traffic annually. Increasing from 1,017,049 passengers in 2013 to 2,366,029 in 2022. This represents an increase of two hundred and nineteen percent (219%) over nine years.

In the spring of 2021, the airport completed its Master Plan Study. This long-awaited study provided an assessment of the existing conditions of the facility, and a recommended path forward for the expansion of the terminal building, (and associated apron), to meet the needs and demands for the present and future conditions.

On November 23, 2022, Purchasing & Risk Division advertised a Request for Qualifications to comply with CCNA, per Florida Statute 287.055 on behalf of the Airport for design services associated with the Passenger Terminal Improvements project with project submittals due on January 31, 2023. Written evaluations were scored in March 2023 and in-person presentations were scored in April 2023. Scoping and negotiation meetings began in May 2023 with the top ranked firm, RS&H. By the fall of 2023, the scope had been defined and fee negotiations commenced.

In December 2023, airport staff had lost confidence in the ability of RS&H to provide accurate documents for review due to the many calculation errors in their fee estimates. It was at this time that it was noted that RS&H had misrepresented the office locations of key personnel, (ie. Contract Officer and Project Manager), in their written Statement of Qualifications. Since it is imperative to airport staff that these key personnel members be readily available during construction, the airport, (with approval from the FAA and Pinellas County), elected to terminate negotiations with RS&H and proceed to the second-ranked firm, C&S.

On January 9, 2024, the Division Director of Purchasing & Risk formally terminated negotiations with the top ranked firm, RS&H. On January 11, 2024, the Division Director of Purchasing & Risk met with RS&H to debrief the firm on the reasons for the termination.

Negotiations with the second ranked firm, C&S Engineers commenced on January 10, 2024. The scope of work was finalized on February 26, 2024, with the final fee estimate concluding on March 15, 2024 and final agreement on April 4, 2024.

As noted in the Summary, the design effort will be expedited with the use of a Construction Manager at Risk (CMAR). The airport received approval for proceeding with the CMAR procurement approach

from the FAA in 2023. This approach allows the CMAR to work closely with the design team to in the early stages of design to maintain the projects budget and to expedite the work. Once the plans have advanced to a point where the CMAR can provide a Guaranteed Maximum Price (GMP), the construction can begin shortly thereafter.

The designer will assist the airport in developing concepts for the terminal building. Once the preferred concept is accepted, the design of the project will begin. (ie. Schematic Design thru Final Construction Documents). The CMAR will join the design team early in Schematic Design.

The contract includes fully burdened hourly rates for the prime and subconsultants. Rates include all labor, direct/indirect overhead, margins/profit, customary expenses such as copies, postage, etc., and travel within the Tampa Bay Metropolitan Statistical Area (TBMSA). Travel outside of the TBMCSA will be reimbursed in accordance with Florida Statutes.

**Fiscal Impact:**

Basic services not to exceed:	\$12,691,684.25
Reimbursable Expenses not to exceed:	\$ 339,763.50
Contingency services not to exceed:	<u>\$ 1,300,000.00</u>
Total expenditure not to exceed:	\$14,331,447.75

Funding is available under New Passenger Terminal Improvements Project 003343A, included in the FY24-29 Capital Improvement Plan, funded by the Airport Revenue and Operating Fund, in the amount of \$77,572,000.

Funding by Source in the Capital Forecast for design and construction (through FY31):

Airport Funds	\$26,571,000
Federal Grants	\$46,571,000
Passenger Facility Charges	\$2,324,000
<u>State Grants</u>	<u>\$31,375,000</u>
Total Funding	\$109,841,000

**Staff Member Responsible:**

Tom Jewsbury, Director, Airport  
Merry Celeste, Division Director, Purchasing & Risk, Administrative Services  
Joe Lauro, Director, Administrative Services

**Partners:**

FDOT  
FAA

**Attachments:**

Agreement  
Ranking

**AGREEMENT**

**PINELLAS COUNTY GOVERNMENT IS COMMITTED TO PROGRESSIVE PUBLIC POLICY, SUPERIOR PUBLIC SERVICE, COURTEOUS PUBLIC CONTACT, JUDICIOUS EXERCISE OF AUTHORITY AND SOUND MANAGEMENT OF PUBLIC RESOURCES, TO MEET THE NEEDS AND CONCERNS OF OUR CITIZENS TODAY AND TOMORROW.**



**NON-CONTINUING PROFESSIONAL SERVICES AGREEMENT**

**RFP TITLE: Passenger Terminal Improvements**

**RFP CONTRACT NO. 23-0146-RFP-CCNA-Non-Continuing**

**COUNTY PID NO. 003343A**

**NON-CONTINUING FIRM: C&S Engineers, Inc.**

AGREEMENT

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## **SECTION 1 - INTENT OF AGREEMENT**

### AGREEMENT FOR PROFESSIONAL ARCHITECTURAL/ENGINEERING/PLANNING SERVICES FOR DEPARTMENT

This Agreement entered into on the **Click or tap to enter a date.** between Pinellas County, a political subdivision of the state of Florida, hereinafter referred to as the County, represented by its board of County commissioners, and C&S Engineers, Inc., with offices in Tampa, Florida hereinafter referred to as the Consultant.

**WITNESSETH**, that:

**WHEREAS**, Pinellas County, herein referred to as the County, requires professional architectural/engineering/planning services associated with support to develop plans and specifications and perform all other professional engineering services as may be required during the design and construction of the Passenger Terminal Improvements project at the St Pete-Clearwater International Airport in Pinellas County, Florida

**WHEREAS**, the County desires the Consultant provide professional architectural/engineering/planning services requisite to the development of the project; and

**WHEREAS**, the Consultant has expressed the willingness and ability to provide the aforementioned Services; and

**NOW THEREFORE**, the County and the Consultant, in consideration of the mutual covenants hereinafter set forth, agree as follows:



**AGREEMENT**

**SECTION 2 - SCOPE OF PROJECT**

**1. PROJECT DESCRIPTION AND PROFESSIONAL REQUIREMENTS**

For the purposes of this Agreement the term project shall include all areas of proposed improvements, all areas that may reasonably be judged to have an impact on the project, and all project development phases and the services and activities attendant thereto. It is not the intent of this Agreement to identify the exact limits or details involved in providing satisfactorily completed project construction documents. The Consultant shall provide the following professional services to prepare construction plans, specifications, and complete applications for and receive all federal, state, and local permits required for construction of the project. The project design shall be based on the following data:

Required Deliverables

- Autodesk Revit or Civil 3D file (eTransmit) of construction plans and for each transmittal phase. The plans shall be provided electronically, plus 2 paper prints signed and sealed by a Professional Engineer certified in the State of Florida.
- All technical specifications required for construction of project.

**2. PROJECT PHASES**

All project phases shall be completed on or before the milestone dates provided in the County approved project design schedule referenced in Exhibit A.

**3. CONSULTING RESPONSIBILITIES**

- A. It is the intention of the County that the Consultant is held accountable for its work, including checking and plans review, and that submittals are complete.
- B. The Consultant shall be responsible for the accuracy of the work and shall promptly correct its errors and omissions without additional compensation. Acceptance of the work by the County will not relieve the Consultant of the responsibility for subsequent correction of any errors and the clarification of any ambiguities.
- C. The Consultant represents that it has secured or will secure all personnel necessary to complete this Agreement; none of whom shall be employees of or have any contractual relationship with the County. Primary liaison with the County will be through the Consultant's project manager. All of the services required herein will be performed by the Consultant or under the Consultant's supervision, and all personnel engaged in the work shall be fully qualified and shall be authorized or permitted under law to perform such services.
- D. The Consultant shall endorse all reports, calculations, contract plans, and survey data. Services shall be prepared under the direction of an engineer registered in the State of Florida and qualified in the required discipline. Products or services performed or checked shall be signed and sealed by the Consultant's Florida registered engineer.
- E. The Consultant shall be responsible for the preparation of a project design schedule, which shows a breakdown of all tasks to be performed, and their relationship in achieving the completion of each phase of work. A bar chart schedule showing overall project time frames should also be prepared. These schedules must be submitted for County approval within 10 days of the initial project notice to proceed. These schedules will be used to verify Consultant performance in relationship to fees claimed and to allow the County's project manager to monitor the Consultant's efforts. The Consultant shall be responsible for any updates to these schedules and for documenting in writing to the County any major deviations in the actual versus estimated project time frames.
- F. The Consultant shall respond, in writing, to all review comments made by the County, within 10 days of their receipt, and shall incorporate appropriate design adjustments resulting from the review exchange into the project, in the next scheduled submittal.

**4. GENERAL DESIGN CONDITIONS**

- 1. The Consultant shall coordinate and solicit appropriate input, with the knowledge of the County.
- 2. All design data, plans, and drawings shall be delivered electronically and or on travel drives formatted to .RVT or .DXF or .DWG utilizing Autodesk Revit or Civil 3D 2020 or later; as well as providing reproducible hard copies of plans and drawings. All specification and other documents shall be delivered electronically and or on two travel drives, Microsoft Word & Excel format as required, as well as the reproducible hard copies.

**AGREEMENT**

3. One 1 original and 9 copies of all deliverables are required unless specific submittal requirements are specified elsewhere in this Agreement.
4. The Consultant shall develop acceptable alternates to any and all design recommendations that may be declared unacceptable.

**5. GOVERNING SPECIFICATIONS REGULATIONS AND PERTINENT DOCUMENTS**

1. The project shall be designed by the Consultant in accordance with applicable industry standards. The Consultant shall be responsible for utilizing and maintaining current knowledge of any laws, ordinances, codes, rules, regulations, standards, guidelines, special conditions, specifications, or other mandates relevant to the project or the services to be performed.
2. The Consultant and their Subconsultant (s) must register with and use the E-verify system in accordance with Florida Statute 448.095. The County will verify the work authorization of the Consultant and Subconsultant. A Consultant and subconsultant may not enter into a contract with the County unless each party registers with and uses the E-verify system.

If a Consultant enters a contract with a Subconsultant, the Subconsultant must provide the Consultant with an affidavit stating that the Subconsultant does not employ, contract with, or subcontract with unauthorized aliens. The Consultant must maintain a copy of the affidavit for the duration of the contract.

If the County, Consultant, or Subconsultant has a good faith belief that a person or entity with which it is contracting has knowingly violated Florida Statute 448.09(1) they shall immediately terminate the contract with the person or entity.

If the County has a good faith belief that a Subconsultant knowingly violated this provision, but the Consultant otherwise complied with this provision, the County will notify the Consultant and order that the Consultant immediately terminate the contract with the Subconsultant.

A contract terminated under the provisions of this section is not a breach of contract and may not be considered such. Any contract termination under the provisions of this section may be challenged to Section 448.095(2)(d), Florida Statute. Consultant acknowledges upon termination of this agreement by the County for violation of this section by Consultant, Consultant may not be awarded a public contract for at least 1 year. Consultant acknowledges that Consultant is liable for any additional costs incurred by the County as a result of termination of any contract for a violation of this section.

Consultant or Subconsultant shall insert in any subcontracts the clauses set forth in this section, requiring the subcontracts to include these clauses in any lower tier subcontracts. Consultant shall be responsible for compliance by any Subconsultant or Lower Tier Subconsultant with the clause set for in this section.

3. Consultant acknowledges and warrants that all digital content and services provided under this contract conforms and shall continue to conform during the Term of this Agreement to the W3C Web Content Accessibility Guidelines, version 2.0 ("WCAG 2.0") at conformance Level A and AA. If all digital content and services does not fully conform to WCAG 2.0 A and AA, Consultant shall advise Pinellas County in writing of the nonconformance prior to execution of this Agreement and shall provide Pinellas County a plan to achieve conformance to WCAG 2.0 A and AA, including but not limited to, an intended timeline for conformance. Failure to achieve conformance, as determined in Pinellas County's sole discretion, on its intended timeline shall be considered a material breach of this Agreement and grounds for termination by Pinellas County.

If during the Term of this Agreement, Consultant fails to maintain compliance with WCAG 2.0 A and AA or Pinellas County otherwise identifies an issue related to accessibility of the product (the "Accessibility Issue") that renders the product inaccessible, then Pinellas County shall notify Consultant of non-compliance. Within 30 days of a Consultant's receipt of a non-compliance notice ("Notice"), Consultant and Pinellas County shall meet and mutually agree upon an appropriate timeline for resolution of the Accessibility Issue(s) ("Initial Meeting").

Should Supplier:

- i. fail to acknowledge receipt of the notice within 30 days of receipt of the Notice;
- ii. unreasonably and solely withhold agreement regarding a timeline for resolution for more than 30 days following the Initial Meeting; or
- iii. fail to materially resolve the Accessibility Issue(s) within the agreed-upon timeline,

**AGREEMENT**

Failure to comply with the requirements of this section shall constitute a material breach of this Agreement and shall be grounds for termination of this Agreement by Pinellas County and subject Supplier to section 15 of this Agreement, "Indemnification."

**SECTION 3 - SERVICES TO BE FURNISHED BY THE CONSULTANT**

1. **SERVICES**

A. SEE EXHIBIT A – SCOPE OF SERVICES.

2. **CONSTRUCTION PHASE**

All contact and/or communication from the Consultant to the Construction Manager at Risk (CMAR) shall be coordinated with the knowledge of the County.

A. Construction Consultation Services

1. Processing, review, approval and distribution of shop drawings, product data, samples and other submittals required by the Contract Documents.
2. Construction Field Observation Services consisting of visits to the site as frequent as necessary, but not less than once every other week, to become generally familiar with the progress and quality of the work and to determine in general if the work is proceeding in accordance with the Contract Documents and prepare related reports and communications. Provide written report of each visit. This field observation requirement shall include any Subconsultants at appropriate construction points.
3. Review for comment or approval any and all proposal requests, supplemental drawings and information and change orders.
4. Review for correctness of the CMARs pay requests for the County.
5. Prepare, reproduce and distribute supplemental drawings, specifications and interpretations in response to requests for clarification by the CMAR or the County as required by construction exigencies. Response to any request must be received by the County within 72 hours of request, or the next available working day when the request is prior to a weekend or holiday.
6. Review, upon notice by the CMAR that work is ready for final inspection and acceptance.
7. Notify the County of any deficiencies found in follow-up reviews.
8. Evaluate all testing results and make recommendations to the County.
9. The Consultant shall visit the project as necessary, to certify that the permit conditions have been met satisfactorily. This shall not relieve the Consultant of other needed visits to the project should specific issues arise.
10. Prepare as-built record drawings, based on information furnished by the CMAR including significant changes in the work made during construction. The Consultant will provide 1 set of signed and sealed prints and 1 CADD disk of the as-built record construction documents.
11. Transmit certified as-built record drawings and general data, appropriately identified, to the County within 30 days following completion of construction.
12. Consult with, and recommend solutions to, the County during the duration of warranties in connection with inadequate performance of materials, systems, and equipment under warranty.
13. Document noted defects or deficiencies and assist the County in preparing instructions to the CMAR for correction of noted defects.

3. **PROVISIONS RELATED TO ALL PHASES**

1. The Consultant will investigate and confirm in writing to the County, to the best of the Consultant's knowledge, conformance with all applicable local public and utility regulations.
2. The Consultant will coordinate work designed by various disciplines.

**AGREEMENT**

3. The Consultant shall submit to the County design notes and computations to document the design conclusions reached during the development of the construction plans.
  - a. Electronic copies of the design notes and computations shall be submitted to the County with the construction document review plans. When the plans are submitted for final review, the design notes and computations corrected for any County comments shall be resubmitted. At the project completion, a final set of the design notes and computations, properly endorsed by the Consultant, shall be submitted with the record set of plans and tracings.
  - b. The design notes and calculations shall include, but not be limited to, the following data:
    - 1) Design criteria used for the project.
    - 2) Planning studies.
    - 3) Mechanical/Electrical/Plumbing/Fire Protection/Low Voltage calculations.
    - 4) Structural calculations.
    - 5) Drainage calculations.
    - 6) Calculations as required by provisions of the Florida Energy Conservation Manual (Department of General Services), latest revision.
    - 7) Calculations showing probable cost comparisons of various alternatives considered.
    - 8) Documentation of decisions reached resulting from meetings, telephone conversations or site visits.
    - 9) Other project-related correspondences as appropriate.
4. Each set of plans for the project shall be accurate, legible, complete in design, (to the best of the Consultants ability), suitable for bidding purposes and drawn to scales acceptable to the County. The completed plans shall be furnished on reproducible material and in a format, which is acceptable to the County.
5. The Consultant shall make such reviews, visits, attend such meetings and conferences and make such contacts as are necessary for the proper preparation of plans and specifications for the project.
6. The County in no way obligates itself to check the Consultant's work and further is not responsible for maintaining project schedules.
7. Other Consultant responsibilities shall be as listed below:
  - a. Provide necessary sealed drawings to obtain building permits or any utility permit.
  - b. Assist the County in Consultant claims and/or litigation.
  - c. Review the Adequacy and completeness of documents submitted by the Consultant to protect the County against claims by suppliers or third parties.
8. The Consultant must be familiar with the intent, thoroughness, safety factors and design assumptions of all structural calculations.
9. All work prepared and/or submitted shall be reviewed and checked by a Consultant (Architect/Engineer) registered in Florida. All plans shall be signed and sealed by the Professional Consultant in responsible charge.
4. **PERMIT APPLICATIONS AND APPROVALS**
  1. The CMAR will be responsible for obtaining all permits. Consultant shall provide the CMAR any drawings or calculations required for submittal by the County for approval of local, state and federal agencies.
  2. The Consultant shall, at no additional cost to the County, make all reasonable and necessary construction plans revisions required to obtain the necessary permit approvals for construction of the project.
5. **COORDINATION WITH UTILITY SERVICES AND AFFECTED PUBLIC AGENCIES**
  1. The requirements of the various utility services shall be recognized and properly coordinated with the project design.
  2. Drainage investigations and drainage design shall be coordinated with any city or drainage district that may be affected by or have an effect on the project

**AGREEMENT**

**SECTION 4 - SERVICES TO BE FURNISHED BY THE COUNTY**

The County shall provide the following for the Consultant's use and guidance:

- A. Copies of existing maps, existing aerial photographs, as-built construction plans and data pertinent to the project design, which the County may have in its possession.
- B. Reproduces of the County Engineering Department Standard Drawings applicable to the project.
- C. Sample copies of the County standard contract documents and specifications.
- D. Preparation of legal (front-end) section of the specifications.

**SECTION 5 - PRESENTATIONS, PUBLIC MEETINGS AND TECHNICAL LIAISON**

The following services shall be provided at no additional cost to the County:

- 1. Prior to the commencement of design activities, the County will conduct with the Consultant a pre-design conference for the purpose of discussing issues relative to the project, plans preparation and submittal procedures and to convey to the Consultant such items provided for under Section 4 as may be required and available at that time.
- 2. The Consultant shall make presentations to the County's Airport Director or designee as often as reasonably requested and at any point in the project development should issues arise which make additional presentations other than those listed elsewhere in this Agreement, in the County's best interest.
- 3. The Consultant shall participate in Monthly project Conferences with County staff personnel. The meetings will be scheduled by the County at a location provided by the County.
- 4. The Consultant shall attend, as technical advisor to the County all meetings or hearings conducted by permitting agencies or public bodies in connection with any permit required for the construction of the project, and shall prepare all presentation aids, documents and data required in connection with such meetings or hearings, and at the discretion of the County, shall either plead the County's case or provide engineering and technical assistance to the County in its pleading of the case.
- 5. The Consultant shall keep accurate minutes of all meetings and distribute copies to all attending. These meetings shall be set up through the County and appropriate County staff shall attend.

**SECTION 6 - PAYMENT GUIDELINES AND CATEGORY OF SERVICES**

1. **BASIC SERVICES**

The services described and provided for under Sections 2, 3 and Exhibit A shall constitute the Basic Services to be performed by the Consultant under this Agreement.

2. **CONTINGENCY SERVICES**

When authorized in writing by the County's Airport Director or designee, the Consultant shall furnish services resulting from unforeseen circumstances not anticipated under Basic Services due to minor changes in the project scope.

Compensation for any Contingency Services assignments shall be negotiated between the County and the Consultant at the time the need for services becomes known.

3. **ADDITIONAL SERVICES**

When executed by the County Administrator or Board of County Commissioners as an amendment to this Agreement, the Consultant shall provide such additional services as may become necessary because of changes in the Scope of project. Additional Services shall be classified as any change beyond the Contingency Services upset limit for compensation.

4. **INVOICING**

The Consultant may submit invoices for fees earned on a monthly basis. Such invoicing shall be supported by a Progress Report showing the actual tasks performed and their relationship to the percentage of fee claimed for each phase. Billings within each phase of work shall be for the percentage of work effort completed to date for that phase.

**AGREEMENT**

The County shall make payments to the Consultant for work performed in accordance with the Local Government Prompt Payment Act, Section 218.70 et. seq., F.S.

The following services shall be considered reimbursable services and may be filled in full upon their completion and acceptance. The Consultant shall provide copies of supporting receipts/invoices/billing documentation. Self-performed reimbursable work shall be reimbursed at the firm's standard hourly rates for all related services. A breakdown of man hours and billing rates shall be provided with each invoice. An hourly rate sheet is attached (Exhibit B).

- A. Aerial Photography (if required).
- B. Payment of the Public Information Meeting Advertisements, if required.
- C. Payment of the Court Reporter for public meetings, if required.

Should an invoiced amount for fees earned appear to exceed the work effort believed to be completed, the County may, prior to processing of the invoice for payment, require the Consultant to submit satisfactory evidence to support the invoice.

All progress reports shall be electronically submitted to the attention of the designated Project Manager, Scott Yarley, P.E.

SUPPLIER shall submit invoices for payment due as provided herein with such documentation as required by Pinellas County and all payments shall be made in accordance with the requirements of Section 218.70 et. seq, Florida Statutes, "The Local Government Prompt Payment Act." Invoices shall be submitted to the address below unless instructed otherwise on the purchase order, or if no purchase order, by the ordering department:

Finance Division Accounts Payable  
Pinellas County Board of County Commissioners  
P. O. Box 2438  
Clearwater, FL 33757

Each invoice shall include, at a minimum, the Supplier's name, contact information and the standard purchase order number. The County may dispute any payments invoiced by SUPPLIER in accordance with the County's Dispute Resolution Process for Invoiced Payments, established in accordance with Section 218.76, Florida Statutes, and any such disputes shall be resolved in accordance with the County's Dispute Resolution Process.

Fees for contingent or additional services authorized shall be invoiced separately, and shall be due and payable in full upon the presentation of satisfactory evidence that the corresponding services have been performed.

**SECTION 7 - COMPENSATION TO THE CONSULTANT**

1. For the basic services provided for in this Agreement, as defined in Section 3.1, the County agrees to pay the Consultant as follows:

- A Lump Sum Fee of: \$246,455.78 for the Task 1 – Program Management
- A Lump Sum Fee of: \$1,811,257.58 for the Task 2 – Conceptual/Preliminary Design
- A Lump Sum Fee of: \$2,013,650.76 for the Task 3 – Schematic Design (30%)
- A Lump Sum Fee of: \$2,005,112.16 for the Task 4 – Design Development (60%)
- A Lump Sum Fee of: \$2,662,230.75 for the Task 5 – Construction Documents (90%)
- A Lump Sum Fee of: \$1,042,956.83 for the Task 6 – Construction Documents (IFC)
- A Lump Sum Fee of: \$2,612,561.52 for the Task 7 – Construction Administration
- A Lump Sum Fee of: \$297,458.87 for the Task 8 – Project Closeout

The above fees shall constitute the total not to exceed amount of **\$12,691,684.25** to the Consultant for the performance of Basic Services. All man hours are billed per the established and agreed hourly rates. The hourly rates are fully loaded and include all labor, overhead, expenses and profit of any nature including travel within the Tampa Bay Metropolitan Statistical area. Travel outside of the Tampa Bay Metropolitan Statistical Area will be reimbursed in accordance with Section 112.061 F.S. and/or the County Travel Policy, as approved by the County.

**AGREEMENT**

2. For REIMBURSABLE EXPENSES, the County agrees to pay the Consultant, up to a maximum amount not to exceed **\$339,763.50**.
3. For any CONTINGENCY SERVICES performed, the County agrees to pay the Consultant, a negotiated fee based on the assignment, up to a maximum amount not to exceed **\$1,300,000.00** for all assignments performed.
4. Total agreement not-to-exceed amount **\$14,331,447.75**.
5. For any ADDITIONAL SERVICES, the County agrees to pay the Consultant a negotiated total fee based on the work to be performed as detailed by a written amendment to this Agreement.
6. In the event that this Agreement is terminated under the provisions of this contract the total and complete compensation due the Consultant shall be as established by the County based on the County's determination of the percentage of work effort completed to date of termination.

**SECTION 8 - PERFORMANCE SCHEDULE**

Time is of the essence in this Agreement. The Consultant shall plan and execute the performance of all services provided for in this Agreement in such manner as to ensure their proper and timely completion in accordance with the following schedule:

1. The services to be rendered by the Consultant shall be commenced upon receipt from the County of written "NOTICE TO PROCEED."
2. All project phases shall be completed on or before the milestone dates provided in the County approved project design schedule referenced in 2.3 E.
3. The Consultant shall not be held responsible for delays in the completion of the project design when the County causes such delays. The County reviews related to the above submittals shall not exceed 21 days.

**SECTION 9 - AUTHORIZATION FOR CONTINGENT OR ADDITIONAL SERVICES**

1. The contingency services provided for under this Agreement shall be performed only upon prior written authorization from the Airport Director or designee.
2. The additional services provided for under this Agreement shall be performed only upon approval of the County Administrator or Board of County Commissioners.
3. The Consultant shall perform no services contemplated to merit compensation beyond that provided for in this Agreement unless such services, and compensation, therefore, shall be provided for by appropriate written authorization or amendment(s) to this Agreement.

**SECTION 10 - FIRMS AND INDIVIDUALS PROVIDING SUBCONSULTING SERVICES**

The County reserves the right to review the qualifications of any and all Subconsultants, and to reject any Subconsultants in a proper and timely manner, deemed not qualified to perform the services for which it shall have been engaged. Any Subconsultant not listed as part of the prime Consultant's team at time of award must be approved by the Director of Purchasing prior to performing any service.

**SECTION 11 - SATISFACTORY PERFORMANCE**

All services to be provided by the Consultant under the provisions of this Agreement, including services to be provided by Subconsultant's, shall be performed to the reasonable satisfaction of the Airport Director or designee.

**AGREEMENT**

**SECTION 12 - RESOLUTION OF DISAGREEMENTS**

1. The County shall reasonably decide all questions and disputes, of any nature whatsoever, that may arise in the execution and fulfillment of the services provided for under this Agreement.
2. The decision of the County upon all claims, questions, disputes and conflicts shall be final and conclusive, and shall be binding upon all parties to this Agreement, subject to judicial review.

**SECTION 13 - CONSULTANT'S ACCOUNTING RECORDS**

1. Records of expenses pertaining to all services performed shall be kept in accordance with generally accepted accounting principles and procedures.
2. The Consultant's records shall be open to inspection and subject to examination, audit, and/or reproduction during normal working hours by the County's agent or authorized representative to the extent necessary to adequately permit evaluation and verification of any invoices, payments or claims submitted by the Consultant or any of his payees pursuant to the execution of the Agreement. These records shall include, but not be limited to, accounting records, written policies and procedures, Subconsultant files (including proposals of successful and unsuccessful bidders), original estimates, estimating worksheets, correspondence, change order files (including documentation covering negotiated settlements), and any other supporting evidence necessary to substantiate charges related to this Agreement. They shall also include, but not be limited to, those records necessary to evaluate and verify direct and indirect costs (including overhead allocations) as they may apply to costs associated with this Agreement. The County shall not audit payroll and expense records on task assignments paid by lump sum fee.
3. For the purpose of such audits, inspections, examinations and evaluations, the County's agent or authorized representative shall have access to said records from the effective date of the Agreement, for the duration of work, and until 5 years after the date of final payment by the County to the Consultant pursuant to this Agreement.
4. The County's agent or authorized representative shall have access to the Consultant's facilities and all necessary records in order to conduct audits in compliance with this Section. The County's agent or authorized representative shall give the Consultant reasonable advance notice of intended inspections, examinations, and/or audits.

**SECTION 14 - OWNERSHIP OF PROJECT DOCUMENTS**

Upon completion or termination of this Agreement, all records, documents, tracings, plans, specifications, maps, evaluations, reports and other technical data, other than working papers, prepared or developed by the Consultant under this Agreement shall be delivered to and become the property of the County. The Consultant, at its own expense, may retain copies for its files and internal use. The County shall not reuse any design plans or specifications to construct another project at the same or a different location without the Consultant's specific written verification, adaptation or approval.

**SECTION 15 - INSURANCE COVERAGE AND INDEMNIFICATION**

1. The Consultant must maintain insurance in at least the amounts required in the Request for Proposal throughout the term of this contract. The Consultant must provide a Certificate of Insurance in accordance with Insurance Requirements of the Request for Proposal, evidencing such coverage prior to issuance of a purchase order or commencement of any work under this Contract. See Section C Insurance Requirements – Attached
2. If the Consultant is an individual or entity licensed by the State of Florida who holds a current certificate of registration or is qualified under Chapter 481, Florida Statutes, to practice architecture or landscape architecture, under Chapter 472, Florida Statutes, to practice land surveying and mapping, or under Chapter 471, Florida Statutes, to practice engineering, and who enters into a written agreement with the County relating to the planning, design, construction, administration, study, evaluation, consulting, or other professional and technical support services furnished in connection with any actual or proposed construction, improvement, alteration, repair, maintenance, operation, management, relocation, demolition, excavation, or other facility, land, air, water, or utility development or improvement, the Consultant will indemnify and hold harmless the County, and its officers and employees, from liabilities, damages, losses, and costs, including, but not limited to, reasonable attorneys' fees, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct, or for any violation of requirements of the Americans with Disabilities



**AGREEMENT**

Act of 1990, as may be amended, and all rules and regulations issued pursuant thereto (collectively the "ADA") of the Consultant and other persons employed or utilized by the Consultant in the performance of the Agreement.

**SECTION 16 - EQUAL EMPLOYMENT OPPORTUNITY CLAUSE FOR CONTRACTS NOT SUBJECT TO EXECUTIVE ORDER 11246**

In carrying out the contract, the Consultant shall not discriminate against employee or applicant for employment because of race, color, religion, sex or national origin.

**SECTION 17 - INDEPENDENT CONSULTANT STATUS AND COMPLIANCE WITH THE IMMIGRATION REFORM AND CONTROL ACT OF 1986**

Consultant acknowledges that it is functioning as an independent Consultant in performing under the terms of this Agreement, and it is not acting as an employee of County. Consultant acknowledges that it is responsible for complying with the provisions of the Immigration Reform and Control Act of 1986, located at 8 U.S.C. Section 1324, et seq., and regulations relating thereto. Failure to comply with the above provisions of this contract shall be considered a material breach and shall be grounds for immediate termination of the contract.

**SECTION 18 - PROHIBITION AGAINST CONTINGENT FEE**

The Consultant warrants that he has not employed or retained any company or person, other than a bona fide employee working solely for the Consultant to solicit or secure this Agreement, and that he has not paid or agreed to pay any person, company, corporation, individual, or firm other than a bona fide employee working solely for the Consultant, any fee, commission, percentage, gift or any other consideration, contingent upon or resulting from the award or making of this Agreement.

**SECTION 19 - TRUTH IN NEGOTIATIONS**

By execution of this Agreement, the Consultant certifies to truth-in-negotiations and that wage rates and other factual unit costs supporting the compensation are accurate, complete and current at the time of contracting. Further, the original contract amount and any additions thereto shall be adjusted to exclude any significant sums where the County determines the contract price was increased due to inaccurate, incomplete or non-current wage rates and other factual unit costs. Such adjustments must be made within 1 year following the end of the contract.

**SECTION 20 - SUCCESSORS AND ASSIGNS**

The Consultant shall not assign, sublet, or transfer his interest in this Agreement without the written consent of the County.

**SECTION 21 - INTEREST ON JUDGMENTS**

In the event of any disputes between the parties to this Agreement, including without limitation thereto, their assignees and/or assigns, arising out of or relating in any way to this Agreement, which results in litigation and a subsequent judgment, award or decree against either party, it is agreed that any entitlement to post judgment interest, to either party and/or their attorneys, shall be fixed by the proper court at the rate of 5%, per annum, simple interest. Under no circumstances shall either party be entitled to pre-judgment interest. The parties expressly acknowledge and, to the extent allowed by law, hereby opt out of any provision of federal or state statute not in agreement with this paragraph.

**SECTION 22 - TERMINATION OF AGREEMENT**

1. The County reserves the right to cancel this Agreement, without cause, by giving 30 days prior written notice to the Consultant of the intention to cancel. Failure of the Consultant to fulfill or abide by any of the terms or conditions specified

**AGREEMENT**

shall be considered a material breach of contract and shall be cause for immediate termination of the contract at the discretion of County. Alternatively, at the County's discretion, the County may provide to Consultant 30 days to cure the breach. Where notice of breach and opportunity to cure is given, and Consultant fails to cure the breach within the time provided for cure, County reserves the right to treat the notice of breach as notice of intent to cancel the Agreement for convenience.

2. If County terminates the Agreement for convenience, other than where the Consultant breaches the Agreement, the Consultant's recovery against the County shall be limited to that portion of the Consultant's compensation earned through date of termination, together with any costs reasonably incurred by the Consultant that are directly attributable to the termination. The Consultant shall not be entitled to any further recovery against the County, including but not limited to anticipated fees or profit on work not required to be performed.
3. Upon termination, the Consultant shall deliver to the County all original papers, records, documents, drawings, models, and other material set forth and described in this Agreement.
4. In the event that conditions arise, such as lack of available funds, which in the County's opinion make it advisable and in the public interest to terminate this Agreement, it may do so upon written notice.

**SECTION 23 - AGREEMENT TERM**

1. This Agreement will become effective on the date of execution first written above and shall remain in effect for 2000 consecutive calendar days from the commencement date on the Notice to Proceed) unless terminated at an earlier date under other provisions of this Agreement, or unless extended for a longer term by amendment.

**SECTION 24 - CONFLICT OF INTEREST**

1. By accepting award of this Contract, the Consultant, which shall include its directors, officers and employees, represents that it presently has no interest in and shall acquire no interest in any business or activity which would conflict in any manner with the performance of services required hereunder, including as described in the Consultant's own professional ethical requirements. An interest in a business or activity which shall be deemed a conflict includes but is not limited to direct financial interest in any of the material and equipment manufacturers suppliers, distributors, or Consultants who will be eligible to supply material and equipment for the project for which the Consultant is furnishing its services required hereunder.
2. If, in the sole discretion of the County Administrator or designee, a conflict of interest is deemed to exist or arise during the term of the contract, the County Administrator or designee may cancel this contract, effective upon the date so stated in the Written Notice of Cancellation, without penalty to the County.

**SECTION 25 - ENTIRE AGREEMENT**

This Agreement represents, together with all Exhibits and Appendices, the entire written Agreement between the County and the Consultant and may be amended only by written instrument signed by both the County and the Consultant.

**SECTION 26 - PUBLIC ENTITY CRIMES**

Consultant is directed to the Florida Public Entity Crime Act, Fla. Stat. 287.133, and Fla. Stat. 287.135 regarding Scrutinized Companies, and Consultant agrees that its bid and, if awarded, its performance of the agreement will comply with all applicable laws including those referenced herein. Consultant represents and certifies that Consultant is and will at all times remain eligible to bid for and perform the services subject to the requirements of these, and other applicable, laws. Consultant agrees that any contract awarded to Consultant will be subject to termination by the County if Consultant fails to comply or to maintain such compliance.

**AGREEMENT**

**SECTION 27 - PUBLIC RECORDS**

Consultant acknowledges that information and data it manages as part of the services may be public records in accordance with Chapter 119, Florida Statutes and Pinellas County public records policies. Consultant agrees that prior to providing services it will implement policies and procedures to maintain, produce, secure, and retain public records in accordance with applicable laws, regulations, and County policies, including but not limited to the Section 119.0701, Florida Statutes. Notwithstanding any other provision of this Agreement relating to compensation, the Consultant agrees to charge the County, and/or any third parties requesting public records only such fees allowed by Section 119.07, Florida Statutes, and County policy for locating and producing public records during the term of this Agreement.

**CONSULTANT'S DUTY:**

**If the Consultant has questions regarding the application of Chapter 119, Florida Statutes, to the Consultant's duty to provide public records relating to this agreement, the Consultant shall contact:**

**Pinellas County Board of County Commissioners  
Purchasing and Risk Management Division  
400 S. Ft. Harrison Ave, 6th Floor,  
Clearwater, FL 33756  
Public Records Liaison  
Phone: 727-464-3237  
Email: [mcchartier@pinellas.gov](mailto:mcchartier@pinellas.gov)**

EXHIBIT C

**SECTION 28 - GOVERNING LAW AND AGREEMENT EXECUTION**

This Agreement shall be governed by the laws of the State of Florida.

**IN WITNESS WHEREOF**, the parties herein have executed this Agreement as of the day and year first written above.

C&S Engineers, Inc.

By: [Signature]  
Print Name: Kerrick Stegmeier II  
Title: Office Principal, Tampa  
Date: April 9, 2024

**PINELLAS COUNTY, by and through its Board of County Commissioners**

By: [Signature]  
Chair  
Date: May 21, 2024.



**ATTEST: Ken Burke, Clerk of the Circuit Court**

By: [Signature]  
Deputy Clerk  
Date: May 21, 2024.

**APPROVED AS TO FORM**

By: Miles Belknap  
Office of the County Attorney

**EXHIBIT A**

**EXHIBIT A**

**SCOPE OF SERVICES**

## ***PIE Passenger Terminal Improvements***

### ***Scope of Work***



February 26, 2024

St. Pete-Clearwater International Airport

Pinellas County, Florida

Solicitation No.: 23-0146-RFP

Prepared by C&S Engineers, Inc. at  
the direction of Pinellas County

## PROJECT DESCRIPTION

The County has requested that C&S (Consultant) provide a scope and fee for the architectural, engineering, planning, and construction engineering services for the expansion of the existing terminal building (Project). A CMAR will be selected by the airport for this project.

The following professional disciplines/services/specialties are expected to play a significant role in the development of the Project:

### Project Management

- FAA Grant support
- Eligibility analysis support and strategy
- FAA project support
- FAA Closeout report and assistance

### Aviation Planning

### CAST/Flow Modeling

### Civil Engineering

- Stormwater development
- Special permitting

### Airfield Engineering

### Architectural Design

### Architecture/Life Safety

- Door Hardware
- Accessibility Consultant
- Millwork

### Interior Design/FFE

### Landscape Architecture

### Structural Engineering

### Mechanical Engineering

### Plumbing Engineering

### Fire Protection Engineering

### Wayfinding/Signage

- Interactive and graphic interface development
- Region driven multi-lingual incorporation.

### Electrical Engineering

- Lighting
- Power

- Lightning Protection

- Generator capacity coordination

### Low Voltage Systems

- Communication Systems (IT/Infrastructure, Information Displays, Master Antennae Television System, Master Clock)

- Public Address

- Voice Evacuation
- Multilingual driven development

- Security (Access Control, Video Surveillance, Intrusion Detection)

### Survey

### Geotechnical

### Cost Estimating

### Phasing and Constructability

### Baggage Handling Systems

- Baggage Makeup system expansion - Adjustments

### Passenger Boarding Bridges 60-ton PCA and additional supporting elements

### Permit Assistance

### CMAR evaluation and Support

The Consultant design team is made up of the following professionals:

<b>Consultant/Subconsultant</b>	<b>Involvement</b>
C&S	Project Management, Architecture, Terminal Planning, Structural, Electrical, Fire Alarm, and Civil Design
Gensler	Architecture, Interior Design, and Wayfinding & Signage
TLC	Mechanical, Fire Protection/Sprinkler, Plumbing, and Low Voltage Design
Base	Structural Support
Taylor	Drainage Design and Permitting
Connico	Cost Estimating
VTC	Baggage Handling
Hyatt	Land Survey
Echo UES, Inc	Subsurface Utility Locates
Tierra	Geotechnical Survey
Avant Acoustics	Acoustical Design
AERO Systems	Airside Gate Systems Engineering
Lerch Bates	Vertical Transportation Consulting
DBS	Terminal Scanning
OHC	Environmental Testing

The St. Pete-Clearwater International Airport (PIE) was originally built in 1957 and has experienced multiple expansions and renovations since then, transitioning from a US Army Air Base to a Civil airport. The most recent expansions include improvements to the Federal Inspection Services (FIS) area, Gates 7-11 Security Screening Checkpoint (SSCP) and holdroom area, and the Ticketing "A" Check-in, baggage screening and make-up areas.

The airport has experienced a 219% increase in annual passenger traffic over six years, increasing from 1,017,049 passengers in 2013 to 2,228,692 passengers in 2019. The Master Plan Study was completed in 2021, establishing a 20-year planning period and using a demand-based approach to determine space requirements for when certain "Planning Activity Levels" (PALs) are reached, based on annual/peak hour enplanements.

Based on the Master Plan Study, the Airport is looking for a path forward for the expansion of the terminal to meet the Present and future passenger and operational demands in the most cost-effective manner.

As noted in the Request for Qualifications, the designer will perform a certain level of preliminary design to ensure that the building will meet the future PAL-3 needs, (both in functional space and utility needs), but the construction for this phase of the building expansion will meet the PAL-2 needs. The purpose of this is to ensure that when the airport approaches the PAL 3 needs, that minimum work to the existing building expansion is needed.

***Project Delivery Method*** – The project delivery method will incorporate the use of a Construction Management-at-Risk (CMAR) for the construction of the Project. This Work Plan is based on an integrated work structure with the CMAR, cost estimates, and concurrence sessions between the CMAR and AE's cost consultant at Schematic

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PIE Passenger Terminal Improvements



(30%), Design Development (60%), Construction Documents (90%), and Construction Documents (IFC, *Issued for Construction*) Documents project stages to develop a Guaranteed Maximum Price (GMP) and will include further consultation and review of the development of the GMP under this Work Order.

**Project Duration** – The Project’s schedule is expected to encompass up to two thousand calendar days (5.5 years) from NTP through project completion. The actual schedule may vary significantly as the Project design progresses and the scope is further developed. Changes to the project schedule may require changes in the Consultant’s efforts and require adjustments to the compensation indicated in this proposal.

## PROJECT TASKS

Initial Scope of Work:

- Re-work of the Baggage Make Up Area (BMUA) system at the exterior including extension, belt, and canopy extension.
  - *The rework of the BMUA will be done concurrently with the planning and concept phases. The design team will review the existing conditions and determine if any enabling work is required.*
  - *Any interim phases of the baggage system will be included in the concept, 30%, 60%, 90%, and IFC documents as required with input from the CMAR.*

Visualization tasks:

- The Architectural team will share the iterative development of renderings (exterior and interior) to effectively communicate the design intent and scope of work. These will be used in Design Team meetings to show progress and shared with the Client. Higher quality renderings are expected along with the 90% construction documents milestone deliverable for the purposes of showing materiality, lighting, and spatial design. The end goal will be to schedule time with the appropriate parties to vet decision making points in the project like wayfinding and signage, as much as lighting and other aspects of the design. Key indicators such as ambience, lighting, colors, materials, locations of features and more, will all be assimilated into the model to derive brand oriented marketing quality renderings.

Additional project tasks are based upon:

- Request for Proposal – 23-0146-RFP – CCNA – Non-Continuing Passenger Terminal Improvements
- PIE Master Plan Dated 2021
- AC 150/5360-13A, AC 150/5300-13B and ACRP Report No. 25.
- Design Review meetings 1, 2, 3, 4, and project scope meetings (See attached Exhibits)

## TASK 1 PROGRAM MANAGEMENT

The Consultant – (C&S Team) will support The Airport and Authority by managing the various components of the project that will be completed in the duration of the contract with the Consultant serving as the primary liaison between clients, airport identified stakeholders, and third-party vendors.

### Task 1.01 Overall Project Process support and coordination Schedule

The consultant will coordinate and run meetings on behalf of the airport including preparation of the schedule, schedule notifications, agenda development, and distribution of the meeting minutes. It is the intent that C&S use Procore software as a recording and tracking mechanism.

The Consultant will provide support for:

- Eligibility Analysis development and Strategy
- FAA Quarterly reports
- Leasehold support
  - TSA /GSA Leasehold development

- Concessions Leasehold Support
- Airline data support
- Grant process paperwork
- Construction reporting

### **Task 1.02 Project development Support – Escorting**

The Consultant will provide escorts for vendors, subconsultants and other stakeholders as needed to facilitate the completion of the project tasks. As follows:

C&S – Three (3) Movement with Escort and SIDA for Airfield works and two (2) Non-Movement with Escort and SIDA badges (non-vehicle movement activities)

Gensler – Two (2) Non-Movement with Escort and SIDA badges (non-vehicle movement activities)

TLC – Two (2) Non-Movement with Escort and SIDA badges (non-vehicle movement activities)

Tierra – Two (2) Non-Movement with Escort and SIDA badges (vehicle movement activities)

Hyatt – Two (2) Non-Movement with Escort and SIDA badges (vehicle movement activities)

ECHO – Two (2) Non-Movement with Escort and SIDA badges (vehicle movement activities)

DBS – Two (2) Non-Movement with Escort and SIDA badges (vehicle movement activities)

OHC – Two (2) Non-Movement with Escort and SIDA badges (vehicle movement activities)

Taylor – One (1) Non-Movement with Escort and SIDA badges (non-vehicle movement activities)

VTC – Two (2) Non-Movement with Escort and SIDA badges (non-vehicle movement activities)

## **TASK 2 CONCEPTUAL/PRELIMINARY DESIGN**

Performance of this task includes existing condition investigations, validation of the 2021 Master Plan recommendations, the development of design concept solutions, coordination with stakeholders, review and evaluation of the alternatives, and the selection of a direction of focus for subsequent design phases.

### **1 Task 2.01 Data Collection and Review of As-Built Conditions**

The Airport will provide the Consultant with all available information pertinent to the design. It is anticipated that the following information will be provided for review:

Division 0 Specification Documents

Existing Airport Plans and Other As-Built Documentation

Existing Electronic Drawings in BIM or CAD format

Existing Masterplan Documentation

Existing Surveys, Site Utility Information, and corresponding CAD files

Existing Resiliency Study and corresponding CAD files

Existing Stormwater Master Plan and corresponding CAD files

Existing Environmental Reports

Applicable CATEX approvals

Applicable ACM Studies, determinations, and work scope

Available leasehold documents (not including rates/charges other confidential information)

PIE Airport, Pinellas County, TSA, CBP contact lists.

The Consultant will review all provided information and will forward any questions or comments to the Airport for response and additional information. This review will inform the focus of the on-site walkthrough of 3.

### **2 Task 2.02 Site Survey, Scanning and/or Testing.**

The Consultant shall coordinate the following efforts to establish the baseline parameters for the layout and configuration of the proposed Project.

### Task 2.02.01 Site Survey / Building Scanning

The Consultant shall coordinate the execution of a comprehensive survey, building and site, covering all areas considered as part of this study, including the mapping, vertical and horizontal, of sub utility locates where necessary. Scanning of the Terminal building will also be performed, including interior and exterior portions of the Terminal, as well as above ceiling and specific areas identified as necessary for development of the project. This information will be used as the basis for development of alternative concepts. A separate site survey will be performed as required by the CMAR.

### Task 2.02.02 Geotechnical Testing and Report

The Consultant shall coordinate the execution of geotechnical testing and reporting covering all areas considered as part of this project. The geotechnical information will be the basis for the conceptualizing of structural foundation and apron pavement elements associated with the Project.

## **3 Task 2.03 On-Site Walkthrough**

The Consultant will conduct an in-person walkthrough for all visible and readily accessible areas to be included as part of this project. The Airport will attend with knowledgeable staff and provide access to all areas associated with the Project to ensure a comprehensive walkthrough. The following disciplines are anticipated to be present from the Consultant team:

- Project Officer (for inter-team coordination) – 1
- Project Managers – 2
- Project Architects – 3 (2 firms)
- Site Civil Engineers - 2
- Structural Engineer - 1
- Mechanical Engineer – 1
- Plumbing Engineer – 1
- Fire Protection Engineer – 1
- Electrical Engineer – 1
- Security/IT Engineer – 1
- Acoustical Consultant – 1
- Wayfinding Consultant – 1
- Cost Consultant – 1
- Bag System Consultant – 1
- Gate System Consultant – 1
- Scanning Consultant – 1

The walkthrough will serve as a high-level review of the data collected in the previous Task 2.01. Verification of existing documentation, to the extent possible, will be completed by design team on as-needed basis throughout the project's design.

## **4 Task 2.04 Development of Existing Condition Revit Model**

The Consultant, based on the information obtained in Task 1, 2.02, and 3, will develop/update a baseline BIM/Revit model to be used and updated throughout the design process towards the development of the construction documents. The BIM model will be prepared to a Level of Development of 200 (LOD 200). As part of this existing conditions model, the Consultant will include all provided existing conditions base mapping and supplement with surveys that have been completed with other projects.

## **5 Task 2.05 Master Plan Review**

The Consultant shall review commercial passenger-related activity information to get an up-to-date understanding of the functional space requirements for terminal area facilities and to validate the results of the recently completed Master Plan. Terminal buildings and most terminal area facilities are sized based on peak period activities, generally peak-hour enplanements and peak-hour operations. This review is intended to result in a single and current profile of both short and long-term passenger projections. Information to be reviewed and estimated to be updated per direction from the Airport and may include:

Recent passenger trends

Master Plan review of PAL 2 and PAL 3 activity

Projected annual enplanements (PAL 2 and PAL 3)

Flight Schedules (created from PAL 2 and PAL 3)

Annual commercial operations

Future Peak Hour Determinations (create new PAL 2 and PAL 3)

Actual peak period enplanements, deplanements, operations based on existing schedule

Review of any existing FAA approved annual operational projections.

Commercial aircraft fleet mix

Charter operations

### **Task 2.06 Terminal Planning – Program Validation**

Based on the revised projections of updated air carrier activity (from 5), the Consultant shall develop facility requirements for use in this design.

Terminal and support area space requirements will be developed using peak period demand factors, FAA and industry standard planning factors, comparable airport factors, flexibility of facilities to meet demands, and space optimization. Terminal building space requirements will be defined for the main terminal building components, including:

Aircraft gate positions, and future passenger boarding bridges

Ticketing areas (lobby, counters, agent areas, and offices)

Baggage areas (inbound, outbound, and claim), including potential rework of the existing outbound baggage makeup based on relocation of the major electric vault

Checked baggage screening (TSA)

Curbside check-In

Concessions

Public waiting

Passenger waiting

Passenger security screening checkpoint

Circulation: horizontal and vertical

Restrooms

Airport Administrative offices and affiliated facilities

Support

TSA office areas (leasehold elements)

Other program areas

Terminal facility requirements will be compared to existing terminal conditions and master plan projections resulting in a "hot spot" exhibit that will be developed illustrating those areas that are undersized/oversized, operate at an undesirable (as defined by the Airport) level of service (LOS), create areas of congestions, etc.

#### Task 2.06.01 Federal Agency Coordination

The Consultant will coordinate with FAA (including ADO, ATO), and TSA to ensure the Project's compliance with standards and requirements. It is anticipated that there will be three (3) meetings individually held with the indicated agencies.

#### **Task 2.07 Assistance in CMAR Selection**

The Consultant will assist the Airport in review of the CMAR solicitation responses, potential candidate interviews, and recommendations. This effort includes up to three (3) on-site candidate interviews on a singular trip at the Airport and various communications leading to the selection. It is anticipated that the CMAR selection and contract are awarded prior to initiation of the Schematic Design process.

#### **Task 2.08 Development of Conceptual Preliminary Concepts – Code Review**

The Consultant will incorporate the facility requirements from Task 1, and the input from stakeholder engagement interviews/workshops to prepare up to three (3) concept alternative solutions for the Project derived from approved earlier meetings/discussions. Concepts will reflect architectural and building engineering systems impacts. Included will be a preliminary building code analysis to ensure that concepts meet applicable standards. An evaluation criteria worksheet of pros and cons (matrix) will be prepared for Airport consideration.

The concepts will be represented in basic floor plan drawings and 3-D massing models.

Programming elements developed in this phase will be compared against the preliminary concepts to ensure that the minimum level of services is achieved. Terminal Simulation modeling will be conducted on the preferred concept only, as defined under the Schematic Design phase noted below.

#### **Task 2.09 Concept Review Workshop**

The Consultant will participate in a preliminary concept review workshop meeting to be held at the Airport. The workshop will include selected stakeholders as PIE determines necessary (including airlines, FAA, tenants, etc.) and the intent will be for the Consultant to present the three (3) concept alternatives and solicit comments. The evaluation matrix (developed as part of Task 2.08) will be presented and updated based on:

- Ability to meet short- and long-range facility requirements.
- Ease of implementation
- Functional and operational pros/cons
- Systems impacts and considerations.
- Passenger flow efficiency
- Capital costs (Rough Order of Magnitude)
- Constructability/Phasing
- Flexibility and future expansion potential
- Public and tenant operational impacts during construction improvements

It is expected that a direction will be selected for further refinement.

The Consultant will provide an opinion of probable construction cost, the Airport understands that the Consultant has no control over the cost or availability of labor, equipment, materials, over-market conditions or a contractor's method of pricing, and that the Consultant's opinions of probable construction costs are made

on the basis of the Consultant's professional judgement and experience. The Consultant will utilize an independent third party subconsultant to assist in the opinions of probable construction costs in an attempt to mitigate some of the current construction market variables. The Consultant makes no warranty, express or implied, that the bids or the negotiated cost of the Work will not vary from the Consultant's opinion of probable construction cost.

#### **Task 2.10 Concept Refinement**

The Consultant will refine the selected direction to incorporate any approved/relevant comments from the preliminary workshop. The concept refinement will result in a greater level of detail and will be represented in further developed building interior plans, exterior elevations, architectural design elements, vignettes of areas of interest, engineering systems, aircraft parking positions, etc. Included will be a refined building code analysis to ensure that the refined concept meets applicable standards.

The deliverables will be a comprehensive site plan, concept floor plans, building elevations and sections, systems narratives, refined 3-D renderings (interior and exterior as determined necessary by consultant team), and refined simulation modeling (as determined necessary by consultant team).

#### **Task 2.11 Phasing and Constructability**

Constructability and phasing of the refined concept is of critical importance. The Consultant will develop high level phasing plans to identify critical elements that must be accommodated. Those elements will be used to inform the refined time critical and initial cost estimate.

#### **Task 2.12 Cost Estimating**

The Consultant will establish a ROM cost estimate for the refined concept. This information will be provided to the Airport.

In providing estimates of probable construction cost, the Airport understands that the Consultant has no control over the cost or availability of labor, equipment, or materials, or over market conditions or a contractor's method of pricing and that the Consultant's estimates of probable construction costs are made on the basis of the Consultant's professional judgment and experience. The Consultant makes no warranty, express or implied, that the bids or the negotiated cost of the Work will not vary from the Consultant's estimate of probable construction cost.

#### **Task 2.13 Refined Concept Review/Design Coordination Meetings**

The Consultant shall attend coordination meetings with the Airport during this stage of concept preparation. Bi-weekly (every other week) telecommunication (virtual) meetings, with limited team attendance, are expected and used as the basis of scope and fee preparation. Attendees at those meetings may include the Consultant team members, stakeholders, and Airport Staff. The intent of the meetings will be to discuss key considerations and needs of the airport to aid in concept development.

The Consultant will also participate in a refined concept review workshop meeting to be held at the Airport. The workshop will include selected stakeholders as PIE determines necessary (including airlines, FAA, tenants, etc.) and the intent will be for the Consultant to present the refined concept and solicit comments. The updated evaluation matrix will be presented. It is expected that approval will be provided so that the Project can move into schematic design. Any relevant input from the meeting will be documented and used to further refine the Project during design.

**Task 2.14 Conceptual Design Report Meeting Update**

The Consultant will compile all information, alternatives, cost estimates, and back-up documentation developed under Task 2 into a Conceptual Design Report and submit for review. The report will clearly define the areas of the Project, the assessment of the existing terminal, terminal area and forecasted findings, the preliminary concepts and the influences on their development, input from stakeholders, the refined alternative, the architectural theming process and selection, parameters of design, programming requirements, environmental considerations, evaluation criteria and matrices, etc.

A meeting will be held with the Airport Planner, Project manager, and Offices to review, adjust, and modify the report and submit for approval to the Airport. The Schematic Design task will begin upon receiving approval to begin. It is assumed final concept selection and notice to proceed with design will take no longer than two (2) weeks post concept review meeting.

**General Project processes during the progress of the project include:****Task 2.15 Quality Control Review**

The Consultant shall conduct in-house quality control reviews of each deliverable provided to the Airport. The reviews shall cover the concept plan documentation prior to submittal to the Airport. C&S has an extensive quality control process which will be a base point during this project. The Quality Control review will be performed as follows:

Independent QC Review – An independent Architect/Engineer not actively involved in the Project will review for readability, accuracy, appearance, and acceptability.

Independent Technical Peer Review – for each discipline associated with the Project an Architect/Engineer not actively involved will review the documents for alignment with design methodologies, calculations, and code compliance.

BIM Manager Review – review and assessment of the status of the Revit model and ensure proper coordination.

**Task 2.16 Submittal**

The Consultant will prepare and submit the following electronic files to the Airport:

Concept Design Report (.pdf)

**Task 2.17 Project Management**

Consultant will oversee scheduling, resource allocation, monitoring, oversight, direction, and control for all aspects of the team's efforts including assembly and coordination of all documentation.

The Consultant will issue monthly progress reports with each invoice to the Airport project manager during this portion of the project.

**TASK 3 SCHEMATIC DESIGN (30%)**

The Schematic Design Phase will be based on the approved Concept Design developed in the conceptual design phase of this scope. Performance of this Task will define the general design parameters of scope, scale, and relationship of components of the Project. Documentation will include plans, sections, elevations, and/or written descriptions. It is anticipated that a CMAR will be contracted at the commencement of this phase to assist in development of the project. Specific task breakdowns are as follows:

### **Task 3.01 Architectural Schematic Design**

The Consultant shall define the aesthetic design of the Project through considerations of scale, function, massing, exterior, and interior appearances. Variations of materials and design elements will be evaluated based on preferences and affordability by the Airport and directions will be given for further refinement during the Design Development phase. The Consultant will perform an initial life/safety assessment to ensure code compliance.

### **Task 3.02 Interiors/FF&E Schematic Design**

Interiors and FFE design services during this phase consist of consideration of alternative materials, systems and equipment and development of conceptual design solutions and equipment requirements in order to establish material sample boards and furnishings fixtures and equipment types and layouts.

### **Task 3.03 Terminal Simulation Modeling**

Terminal simulation modeling will be conducted to validate the preferred concept in real-world conditions. CAST simulation or AirTop simulation modeling will be used for this task. The purpose of this task is validate the baseline passenger flow conditions, and develop various future passenger scenarios based on the approved flight schedules and other passenger demand developed based on the Master Plan Review and forecast refresh in Task 2.05.

- » Data collection (on-site field survey/data collection, stakeholder interviews, and industry standard assumptions)
- » Create Baseline simulation model to validate existing conditions and assumptions
- » Create Preferred Concept model to analyze future passenger flow conditions (check-in, circulation, security checkpoint, concessions node, to holdrooms, and baggage claim)
- » Simulate up to to 3 'what-if' scenarios to refine concept plan
- » Two review meetings with Airport and design team to identify choke points and suggest design refinement
- » Update and reruns up to 3 scenarios based on suggested improvements

### **Task 3.04 Schematic Design Documents**

Multi-disciplined project definition will be provided through drawings, narratives, and selected outline specifications for cost evaluation.

#### **Task 3.04.01 Aircraft Access and Parking Schematic Design**

The Consultant shall prepare schematic drawings for the apron, taxilanes and aircraft gate parking access and positions. Included will be the initial geometry and design aircraft group widths and clearances for taxilanes and apron including PBB locations and support vehicle locations.

#### **Task 3.04.02 Airfield Civil Schematic Design**

The Consultant shall prepare schematic drawings, plans, outline specifications, and Preliminary Engineer's Report. Items to be included are preliminary existing, demo, geometry, grading, marking, and lighting plans. The preliminary design will evaluate and identify specific elements of the project for a technically and economically sound project.

#### **Task 3.04.03 Stormwater Drainage Schematic Design**

The Consultant shall prepare schematic drawings, plans, outline specifications, and include them within the Preliminary Engineer's Report. Items to be included are existing stormwater drainage facilities, stormwater drainage facilities to be demolished, and proposed stormwater drainage facilities. The preliminary design will evaluate and identify specific elements of the project for a technically and economically sound project. Included with this phase of work, initial coordination with the Southwest Florida Water Management District (SWFWMD),



and the appropriate individuals with Pinellas County to discuss the needs for the stormwater drainage collection system and water quality measures to gain concurrence with the design prior to moving to the next phase of development.

#### Task 3.04.04 Building Engineering Civil Schematic Design

The Consultant shall prepare schematic drawings, plans, outline specifications, and Preliminary Engineer's Report. Items to be included are existing utility service systems, utility service systems to be demolished, and proposed utility service systems. The schematic design will evaluate and identify specific elements of the project for a technically and economically sound project.

#### Task 3.04.05 Environmental Documentation (CATEX)

C&S conducted a high-level environmental review of the proposed minor extension of a new concourse and apron pavement, construction and operation of a new connector taxiway, and stormwater improvements at PIE (Proposed Project). The Proposed Project would result in additional impervious surface which would increase stormwater runoff. The additional stormwater runoff would be retained in proposed stormwater improvements. The Proposed Project is located in a 100-year floodplain. However, according to FEMA FIRM, the 100-year floodplain is tidally influenced and drains into Tampa Bay. The Proposed Project is also beyond the limits of moderate wave action as shown in the FEMA FIRM and wave heights are expected to be less than 1.5 feet. Since the Proposed Project would not result in extraordinary circumstances as described in FAA Order 1050.1F, it is recommended that the Proposed Project be described and analyzed in an FAA Documented CATEX. The Proposed Project is listed as a CATEX project under FAA Order 1050.1F, Paragraphs 5-6.4 (e) and (f).

The FAA previously approved a Documented CATEX for the proposed project (Jan 2023). Coordination with the FAA will occur to determine if the outcome of the concept review phase would differ significantly from the project description as identified in the previously-approved CATEX. Should the FAA determine that the project description has changed significantly, a revised CATEX document will be prepared. It should be noted that a new Documented CATEX for the Proposed Project would be necessary because the FAA Order 1050.1F does not have a process to supplement a previously approved CATEX document.

For this task, the FAA-approved 2023 Terminal Expansion Documented CATEX will be used to its greatest extent. The Consultant will submit a Preliminary Draft CATEX to the Client for review and comments. The Client's comments will be incorporated into a Draft CATEX that will be submitted to the FAA ORL ADO. The Consultant will address one (1) round of FAA ORL ADO comments on the Draft CATEX. The Consultant will coordinate the Final CATEX with the Client for signature and submit to the FAA ORL ADO for their signature/approval. This task will require (1) site visit.

#### Task 3.04.06 Structural Schematic Design

Schematic design of the foundations, framing and tie-in to the building systems.

#### Task 3.04.07 Mechanical HVAC Schematic Design

Evaluation of the existing system, and the schematic design of the heating, ventilation, air conditioning and building automation systems.

#### Task 3.04.08 Plumbing Schematic Design

Evaluation of the existing system, and the schematic design of roof drainage, and the tie-in to the water supply system and sanitary system.

#### Task 3.04.09 Fire Protection Schematic Design

Evaluation of the existing system and the schematic design of the tie-in to the standpipe, hose cabinet and sprinkler systems.

#### Task 3.04.10 Electrical Schematic Design

Evaluation of the existing electrical system, and the schematic design of the tie-in to power and lighting systems.

#### Task 3.04.11 Low Voltage/Security Schematic Design

Evaluation of the existing system, and the schematic design of the tie-in to security, CCTV, fire alarm, communication, and premise distribution systems.

#### Task 3.04.12 Public Address Schematic Design

Evaluation of the existing system, and the schematic design of the tie-in to the audio communication (paging) and visual paging systems.

#### Task 3.04.13 Passenger Boarding Bridge Schematic Design

Evaluation of the existing system, and the schematic design of passenger boarding bridge configuration, location, and type into the project.

#### Task 3.04.14 Signage and Wayfinding Schematic Design

Evaluation of the existing wayfinding signage and the schematic design of signage and wayfinding elements.

#### Task 3.04.15 Demolition Schematic Design

Schematic design considerations for areas being considered for demolition as part of the project.

#### Task 3.04.16 Phasing Schematic Design

Schematic design phasing plans for the project will include both airfield and building phased construction as required for the completion of construction documents for fire life safety or temporary components and facilities. The CMAR shall submit construction phasing and logistics drawings complementary to The Consultants design drawings.

### **Task 3.05 Code and Permitting Research with AHJs**

The Consultant shall prepare a preliminary determination of jurisdictional authority requirements for Building Code, Fire Protection, and Life Safety. Impacts on project scope and strategies to accommodate requirements will be defined.

### **Task 3.06 Cost Estimating Consultant / CMAR Estimating and Value Engineering**

The Consultant will establish access for both the CMAR and the design teams Cost Estimator to relevant BIM models and information pertinent to develop a ROM cost estimate for the Schematic Design phase and provide Project definition to the Construction Manager at Risk (CMAR) through drawings, narratives, and selected outline specifications for cost evaluation. The Project definition information will be required by the CM to perform a cost evaluation of design documents. It is anticipated that upon completion of the independent cost estimates by AE's cost consultant and the CMAR, a meeting will be held (at or near the Airport) to achieve concurrence of the project's cost. Prior and subsequent discussions and online meetings will be held to discuss alternatives and VE suggestions for the project.

In providing estimates of probable construction cost, the Airport understands that the Consultant has no control over the cost or availability of labor, equipment, or materials, or over market conditions or a contractor's method of pricing, and that the Consultant's estimates of probable construction costs are made on the basis of the Consultant's professional judgement and experience. The Consultant makes no warranty, express or implied, that the bids or the negotiated cost of the Work will not vary from the Consultant's estimate of probable construction cost.

**Task 3.07 Design Coordination Meetings**

The Consultant shall attend coordination meetings with the Airport during this stage of document preparation. Two (2) overall team meetings during this phase and Bi-weekly (every other week) telecommunication (virtual) meetings, with limited team attendance, are expected and used as the basis of scope and fee preparation. Attendees at those meetings may include the Consultant team members, stakeholders, and Airport Staff. The intent of the meetings will be to resolve any issues impeding the furthering of the construction documents.

**Task 3.08 Federal Agency Coordination**

The Consultant shall coordinate with CPB and TSA if proposed modifications impact CBP or TSA spaces. A maximum of One (1) meeting is expected with each agency if needed.

**Task 3.09 Quality Control Review**

The Consultant shall conduct in-house quality control reviews of this construction document stage submittal. The review shall cover the design plans and technical specifications prior to submittal to the Airport. C&S has an extensive quality control process which will be a base point during this project. The Quality Control review will be performed as follows:

Independent QC Review – An independent Architect/Engineer not actively involved in the Project will review for readability, accuracy, appearance, and acceptability.

Independent Technical Peer Review – for each discipline associated with the Project an Architect/Engineer not actively involved will review the documents for alignment with design methodologies, calculations, and code compliance.

Constructability Review (by CMAR) – a comprehensive look at the Project to ensure alignment between plans and specifications, phasing impacts, potential conflicts, etc.

Discipline Coordination Review – an interdisciplinary review to ensure coordination of elements between disciplines.

BIM Manager Review – review and assessment of the status of the Revit model and ensure proper coordination.

**Task 3.10 Submittal**

The Consultant will prepare and submit the following electronic files to the Airport:

Drawings (.pdf)

Outline Specifications (.pdf)

Material Boards

FAA CATEX Form (.pdf)

**Task 3.11 Schematic Design Review Meeting**

The Consultant shall coordinate and attend one (1) meeting at the Airport to review this Schematic Design phase submittal and respond to Airport/Stakeholder comments. Within two weeks of the submittal (Task 3.09) and prior to the design review meeting, the Airport/Stakeholders will provide any written comments to the Consultant that may affect the direction of the project for coordination and discussion during the meeting. Within two weeks after the design review meeting, the consultant will provide summary meeting minutes.

**Task 3.12 Project Management and Discipline Coordination**

Consultant will oversee scheduling, resource allocation, monitoring, oversight, direction, and control for all aspects of the team's efforts including assembly and coordination of all documentation.

The Consultant will issue monthly progress reports with each invoice to the Airport project manager during this portion of the project.

## TASK 4 DESIGN DEVELOPMENT (60%)

Performance of this Task will be based on the approved Schematic Design documents and shall further refine the design and establish the scope, relationships, forms, size, and appearance of the project through plans, sections, elevations, details, and outline specifications. Specific task breakdowns are as follows:

### Task 4.01 Prior Phase Comment Incorporation

The Consultant shall review all comments received from (the Airport/Stakeholders) regarding the prior Schematic Design submittal review and incorporate applicable comments into plans and specifications, as directed and approved by the Airport, during this construction documents phase.

### Task 4.02 Design Development (60%)

Consultant shall prepare drawings, technical specifications and calculations necessary to effectively identify, evaluate, and resolve specific elements of the project for a technically sound and economically complete project. Included will be documentation relative to the following disciplines:

#### Task 4.02.01 Aircraft Access and Parking Design Development

The Consultant shall continue design progression, incorporating comments from the schematic design review meeting, for the layout of the aprons, taxilanes and aircraft gate parking access and positions. Included will be the continued development of the geometry layout and design aircraft group widths and clearances for taxilanes and aprons.

#### Task 4.02.02 Airfield Civil Design Development

The Consultant shall continue design progression, incorporating comments from the schematic design review meeting, the design development of the plans, outline specifications and include them within the Engineer's Report. Items to be included are existing, demo, geometry, grading, jointing, marking, and lighting plans. The design development will further evaluate and progress the elements of the project for a technically and economically sound project.

#### Task 4.02.03 Stormwater Drainage Design Development

The Consultant shall continue design progression, incorporating comments from the schematic design review meeting, the design development of the plans, outline specifications, and include them within the Engineer's Report. Items to be included are existing stormwater drainage facilities, demo stormwater drainage facilities, and proposed stormwater drainage facility plans. The schematic design will evaluate and identify specific elements of the project for a technically and economically sound project.

#### Task 4.02.04 FAA Required Draft Documentation Submittal

The Consultant shall ensure the project documents are coordinated with the architectural design in order to prepare the draft Construction Safety and Phasing Plan (CSPP) and the corresponding FAA 7460 Form for the airport's review and comment.

#### Task 4.02.05 Building Engineering Civil Design Development

The Consultant shall continue design progression, incorporating comments from the schematic design review meeting, the design development of the plans, outline specifications, and Engineer's Report. Items to be included are preliminary existing utility service systems, demo utility service systems, and proposed utility service systems. The design development (60%) will evaluate and identify specific elements of the project for a technically and economically sound project.

#### Task 4.02.06 Architectural Design Development

Design development level documentation of the space layout, functional features, envelope, exterior and interior appearance and related plans, sections, and details for the Project. Life/safety elements of the Project

will be accounted for and addressed. Design elements should describe and illustrate the aesthetic character of the building and associated components.

Task 4.02.07 Interiors/FFE Design Development

Interiors and FFE design services during this phase consist of continued development of interior design outline specifications or materials lists to establish final scope and preliminary details relative to: Interior construction of the project; special interior design features; furniture, fixtures, and equipment selections; materials, finishes, and colors.

Task 4.02.08 Structural Design Development

Design development level documentation of the structural systems, foundations, floor and roof framing, lateral framing and related plans, sections, and details for the Project.

Task 4.02.09 Mechanical HVAC Design Development

Design development level documentation of heating, ventilation, air conditioning and building automation system.

Task 4.02.10 Plumbing Design Development

Design development level documentation of roof drainage system, water supply system and sanitary system.

Task 4.02.11 Fire Protection Design Development

Design development level documentation of standpipe, hose cabinet and sprinkler system as applicable.

Task 4.02.12 Electrical Design Development

Design development level documentation of power service and lighting.

Task 4.02.13 Low Voltage/Security Design Development

Design development level documentation of security, fire alarm, communication, and premise distribution systems.

Task 4.02.14 Public Address Design Development

Design development level documentation of audio communication (paging) system and visual paging system.

Task 4.02.15 Passenger Boarding Bridge Design Development

Design development level documentation of passenger boarding bridge configuration, location, and type.

Task 4.02.16 Signage and Wayfinding Design Development

Design development level documentation of signage and wayfinding components.

Task 4.02.17 Demolition Design Development

Design development level documentation of areas of demolition.

Task 4.02.18 Phasing Design Development

Design development level documentation of phasing plans for the project as required for the completion of construction documents for fire life safety or temporary components and facilities. The CMAR shall submit construction phasing and logistics drawings complementary to The Consultants design drawings.

**Task 4.03 Code and Permitting Coordination with AHJs**

The Consultant shall continue coordination with Authorities Having Jurisdiction (AHJs) relative to Building Code, Fire Code and Life Safety. Impacts on project scope and strategies to accommodate requirements will be further refined.

**Task 4.04 Cost Estimating Consultant / CMAR Estimating and Value Engineering**

The Consultant will establish access for both the CMAR and the design teams Cost Estimator to relevant BIM models and information pertinent to develop a ROM cost estimate for the Design Development phase and provide Project definition to the Construction Manager at Risk (CMAR) through drawings, narratives, and selected outline specifications for cost evaluation. The Project definition information will be required by the CM to perform a cost evaluation of design documents. It is anticipated that upon completion of the independent

cost estimates by AE's cost consultant and the CMAR, a meeting will be held to achieve concurrence of the project's cost. Prior and subsequent discussions and online meetings will be held to discuss alternatives and VE suggestions for the project.

In providing estimates of probable construction cost, the Airport understands that the Consultant has no control over the cost or availability of labor, equipment, or materials, or over market conditions or a contractor's method of pricing, and that the Consultant's estimates of probable construction costs are made on the basis of the Consultant's professional judgement and experience. The Consultant makes no warranty, express or implied, that the bids or the negotiated cost of the Work will not vary from the Consultant's estimate of probable construction cost.

#### **Task 4.05 Design Coordination Meetings**

The Consultant shall attend coordination meetings with the Airport/Stakeholders during this stage of document preparation. Two (2) overall team meetings during this phase and Bi-weekly (every other week) telecommunication (virtual) meetings, with limited team attendance, are expected and used as the basis of scope and fee preparation. Attendees at those meetings may include the Consultant team members, Stakeholders, and Airport Staff. The intent of the meetings will be to resolve any issues impeding the furthering of the construction documents.

#### **Task 4.06 Federal Agency Coordination**

The Consultant shall coordinate with the following agencies as necessary:

- » FAA – AIP funding advancement
- » ATCT – Submissions to review line of site will begin with Regional ATO with Local air traffic personnel incorporated into review process.
- » TSA – Design components impacting the Security Screening Checkpoint (SSCP)
- » CBP – Design components impacting the Federal Inspection Services facility (FIS) – not anticipated as a part of this project
- » Leasehold improvement effort is separately defined.

#### **Task 4.07 Quality Control Review**

The Consultant shall conduct in-house quality control reviews of this construction document stage submittal. The review shall cover the design plans and technical specifications prior to submittal to the Airport. C&S has an extensive quality control process which will be a base point during this project. The Quality Control review will be performed as follows:

- » Independent QC Review – An independent Architect/Engineer not actively involved in the Project will review for readability, accuracy, appearance, and acceptability.
- » Independent Technical Peer Review – for each discipline associated with the Project an Architect/Engineer not actively involved will review the documents for alignment with design methodologies, calculations, and code compliance.
- » Constructability Review (by CMAR) – a comprehensive look at the Project to ensure alignment between plans and specifications, phasing impacts, [potential conflicts, etc.
- » Discipline Coordination Review – an interdisciplinary review to ensure coordination of elements between disciplines.

- » BIM Manager Review – review and assessment of the status of the Revit model and ensure proper coordination. Includes clash coordination meeting to be attended by a representative from each discipline.

#### **Task 4.08 Submittal**

The Consultant will prepare and submit the following electronic files to the Airport:

Drawings (.pdf)

Specifications (.pdf)

Engineer's Report (.pdf)

Draft FAA CSPP (.pdf)

Draft FAA Form 7460 (.pdf) – CMAR input/coordination required

#### **Task 4.09 Design Development Review Meeting**

The Consultant shall coordinate and attend one (1) meeting at the Airport to review this Design Development phase submittal and comments. Within two weeks of the submittal (Task 4.08) and prior to the design review meeting, the Airport/Stakeholders will provide any written comments to the Consultant that may affect the direction of the project for coordination and discussion during the meeting. Within two weeks after the design review meeting, the consultant will provide summary meeting minutes.

#### **Task 4.10 Project Management**

Consultant will oversee scheduling, resource allocation, monitoring, oversight, direction, and control for all aspects of the team's efforts including assembly and coordination of all documentation.

The Consultant will issue monthly progress reports with each invoice to the Airport project manager during this portion of the project.

#### **Task 4.11 Bidding**

Consultant will attend a pre-bid conference and present an overview of the project. Consultant will review and respond to bid Requests for Clarifications (RFCs) in reference to 60% Design Development deliverable. The Airport understands that the CMAR will manage the bidding process and will perform due diligence regarding RFCs prior to enlisting The Consultant.

### **TASK 5 CONSTRUCTION DOCUMENTS (90%)**

The 90% Construction Documents Phase will be based on the approved 60% Design Development Phase documents. Specific task breakdowns are as follows:

#### **Task 5.01 Prior Phase Drawing/Comment Incorporation**

The Consultant shall review all comments received from (the Airport) regarding the prior Design Development (60%) submittal review and incorporate applicable approved comments into plans and specifications during this construction document phase. A matrix will be provided on how each comment will be incorporated or why it was not applicable.

#### **Task 5.02 Construction Documents (90%)**

Consultant shall prepare drawings, technical specifications, and calculations necessary to effectively identify, evaluate, and resolve specific elements of the project for a technically sound and economically complete project. Included will be documentation relative to the following disciplines:

Task 5.02.01 Aircraft Access and Parking Construction Documents (90%)

The Consultant shall continue design progression, incorporating comments from the design development (60%) review meeting, for the layout of the aprons, taxilanes and aircraft gate parking access and positions.

Included will be the continued development of the geometry layout and design aircraft group widths and clearances for taxiways and aprons.

Task 5.02.02 Airfield Civil Construction Documents (90%)

The Consultant shall continue design progression, incorporating comments from the design development (60%) review meeting, the design development of the plans, outline specifications and include them within the Engineer's Report. Items to be included are existing, demo, geometry, grading, jointing, marking, and lighting plans. The design development will further evaluate and progress the elements of the project for a technically and economically sound project.

Task 5.02.03 Stormwater Drainage Construction Documents (90%)

The Consultant shall continue design progression, incorporating comments from the design development (60%) review meeting, the design development of the plans, outline specifications, and include them within the Engineer's Report. Items to be included are existing stormwater drainage facilities, demo stormwater drainage facilities, and proposed stormwater drainage facility plans. The schematic design will evaluate and identify specific elements of the project for a technically and economically sound project. Also included in this design, permitting with the FDOT R/W permitting department per the FDOT Drainage Connection Permitting Handbook. Permit submission with the FDOT will be completed during this phase of work.

Task 5.02.04 FAA Required Draft Documentation Submittal

The Consultant shall ensure the project documents are coordinated with the architectural design in order to prepare the final Construction Safety and Phasing Plan (CSPP) and the corresponding FAA 7460 Form for the airport's review and comment. After implementation of comments, both the CSPP and Form 7460 will be submitted to the FAA for review, comments, and approval.

Task 5.02.05 Building Engineering Civil Construction Documents (90%)

The Consultant shall continue design progression, incorporating comments from the design development (60%) review meeting, the design development of the plans, outline specifications, and Engineer's Report. Items to be included are preliminary existing utility service systems, demo utility service systems, and proposed utility service systems. The Construction Documents (90%) will evaluate and identify specific elements of the project for a technically and economically sound project.

Task 5.02.06 Architectural Construction Documents (90%)

Construction Documents (90%) level documentation of the space layout, functional features, envelope, exterior and interior appearance and related plans, sections, and details for the Project. Life/safety elements of the Project will be accounted for and addressed. Design elements should describe and illustrate the aesthetic character of the building and associated components.

Task 5.02.07 Interiors/FFE Construction Documents (90%)

Interiors and FFE design services during this phase consist of continued development of interior design outline specifications or materials lists to establish final scope and preliminary details relative to: Interior construction of the project; special interior design features; furniture, fixtures, and equipment selections; materials, finishes, and colors.

Task 5.02.08 Structural Construction Documents (90%)

Construction Documents (90%) level documentation of the structural systems, foundations, floor and roof framing, lateral framing and related plans, sections, and details for the Project.

Task 5.02.09 Mechanical HVAC Construction Documents (90%)

Construction Documents (90%) level documentation of heating, ventilation, air conditioning and building automation system.



Task 5.02.10 Plumbing Construction Documents (90%)

Construction Documents (90%) level documentation of roof drainage system, water supply system and sanitary system.

Task 5.02.11 Fire Protection Construction Documents (90%)

Construction Documents (90%) level documentation of standpipe, hose cabinet and sprinkler system as applicable.

Task 5.02.12 Electrical Construction Documents (90%)

Construction Documents (90%) level documentation of power service and lighting.

Task 5.02.13 Low Voltage/Security Construction Documents (90%)

Construction Documents (90%) level documentation of security, fire alarm, communication, and premise distribution systems.

Task 5.02.14 Public Address Construction Documents (90%)

Construction Documents (90%) level documentation of audio communication (paging) system and visual paging system.

Task 5.02.15 Passenger Boarding Bridge Construction Documents (90%)

Construction Documents (90%) level documentation of passenger boarding bridge configuration, location, and type.

Task 5.02.16 Signage and Wayfinding Construction Documents (90%)

Construction Documents (90%) level documentation of signage and wayfinding components.

Task 5.02.17 Demolition Construction Documents (90%)

Construction Documents (90%) level documentation of areas of demolition.

Task 5.02.18 Phasing Construction Documents (90%)

Construction Documents (90%) level documentation of phasing plans for the project as required for the completion of construction documents for fire life safety or temporary components and facilities. The CMAR shall submit construction phasing and logistics drawings complementary to The Consultants design drawings.

**Task 5.03 Code and Permitting Coordination with AHJs**

The Consultant shall continue coordination with Authorities Having Jurisdiction (AHJs) relative to Building Code, Fire Code, and Life Safety. Impacts on project scope and strategies to accommodate requirements will be further refined.

**Task 5.04 Cost Estimating Consultant / CMAR Estimating and Value Engineering**

The Consultant will establish access for both the CMAR and the design teams Cost Estimator to relevant BIM models and information pertinent to develop a ROM cost estimate for the Construction Documents (90%) phase and provide Project definition to the Construction Manager at Risk (CMAR) through drawings, narratives, and selected outline specifications for cost evaluation. The Project definition information will be required by the CM to perform a cost evaluation of design documents. It is anticipated that upon completion of the independent cost estimates by AE's cost consultant and the CMAR, an in-person meeting will be held (at or near the Airport) to achieve concurrence of the project's cost. Prior and subsequent discussions and online meetings will be held to discuss alternatives and VE suggestions for the project.

In providing estimates of probable construction cost, the Airport understands that the Consultant has no control over the cost or availability of labor, equipment, or materials, or over market conditions or a contractor's method of pricing, and that the Consultant's estimates of probable construction costs are made on the basis of the Consultant's professional judgement and experience. The Consultant makes no warranty,

express or implied, that the bids or the negotiated cost of the Work will not vary from the Consultant's estimate of probable construction cost.

#### **Task 5.05 Design Coordination Meetings**

The Consultant shall attend coordination meetings with the Airport/Stakeholders during this stage of document preparation. Two (2) overall team meetings during this phase and Bi-weekly (every other week) telecommunication (virtual) meetings, with limited team attendance, are expected and used as the basis of scope and fee preparation. Attendees at those meetings may include the Consultant team members, Stakeholders and Airport Staff. The intent of the meetings will be to resolve any issues impeding the furthering of the construction documents.

#### **Task 5.06 Federal Agency Coordination**

The Consultant shall coordinate with the following agencies:

- » FAA – AIP funding eligibility discussions, ATO – Regional and local personnel.
- » TSA – Design components impacting the Security Screening Checkpoint (SSCP)
- » CBP – Design components impacting the Federal Inspection Services facility (FIS)
- » Leasehold improvement effort is separately defined.

#### **Task 5.07 Quality Control Review**

The Consultant shall conduct in-house quality control reviews of this construction document stage submittal. The review shall cover the design plans and technical specifications prior to submittal to the Airport. C&S has an extensive quality control process which will be a base point during this project. The Quality Control review will be performed as follows:

- » Independent QC Review – An independent Architect/Engineer not actively involved in the Project will review for readability, accuracy, appearance, and acceptability.
- » Independent Technical Peer Review – for each discipline associated with the Project an Architect/Engineer not actively involved will review the documents for alignment with design methodologies, calculations, and code compliance.
- » Constructability Review (by CMAR) – a comprehensive look at the Project to ensure alignment between plans and specifications, phasing impacts, [potential conflicts, etc.
- » Discipline Coordination Review – an interdisciplinary review to ensure coordination of elements between disciplines.
- » BIM Manager Review – review and assessment of the status of the Revit model and ensure proper coordination. Includes clash coordination meeting to be attended by a representative from each discipline.

#### **Task 5.08 Submittal**

The Consultant will prepare and submit the following electronic files to the Airport:

Drawings (.pdf)

Specifications (.pdf)

Engineer's Report (.pdf)

Final FAA CSPP (.pdf)

Final FAA Form 7460 (.pdf)

#### **Task 5.09 Construction Documents (90%) Review Meeting**

The Consultant shall coordinate and attend one (1) meeting at the Airport to review this Construction Documents (90%) phase submittal and comments. Within two weeks of the submittal (Task 5.08) and prior to

the design review meeting, the Airport/Stakeholders will provide any written comments to the Consultant that may affect the direction of the project for coordination and discussion during the meeting. Within two weeks after the design review meeting, the consultant will provide summary meeting minutes.

#### **Task 5.10 Project Management**

Consultant will oversee scheduling, resource allocation, monitoring, oversight, direction, and control for all aspects of the team's efforts including assembly and coordination of all documentation.

#### **Task 5.11 Bid Reconciliation**

Consultant will review and respond to bid Requests for Clarifications (RFCs) regarding inquiries from Construction Documents (90%) deliverable. The Airport understands that the CMAR will manage the bid reconciliation process and will perform due diligence regarding RFCs prior to enlisting The Consultant.

#### **Task 5.12 Permitting**

The Consultant, upon receiving comments from the Airport, will assist the CMAR in submission of the 90% Construction Documents to the building department for plan check approval. Plan updates required by the AHJ will be added to the Airport's 90% Construction Documents comment log.

### **TASK 6 CONSTRUCTION DOCUMENTS (IFC)**

The Construction Documents (IFC) Phase will be based on the approved 90% Construction Documents Phase submittal and approved set of Building Department plans. Specific task breakdowns are as follows:

#### **Task 6.01 Prior Phase Drawing/Comment Incorporation**

The Consultant shall review all comments received from the Airport, AHJ, and CMAR regarding the prior Construction Documents (90%) submittal review and incorporate applicable approved comments into plans and specifications during this construction document phase. A matrix will be provided on how each comment will be incorporated or why it was not applicable.

#### **Task 6.02 Construction Document (IFC) Preparation**

Consultant shall prepare drawings, technical specifications, and calculations necessary to effectively identify, evaluate, and resolve specific elements of the project for a technically sound and economically complete project. Included will be documentation relative to the following disciplines:

Architectural Design

Architecture

Interior Design

Civil / Airfield

Electrical

Structural

Plumbing

Mechanical

Fire Protection

Security

#### **Task 6.03 Cost Estimating Consultant / CMAR Estimating**

The Consultant will establish access for both the CMAR and the design teams Cost Estimator to relevant BIM models and information pertinent to develop a ROM cost estimate for the Construction Document phase and provide Project definition to the Construction Manager at Risk (CMAR) through drawings, narratives, and selected outline specifications for cost evaluation. The Project definition information will be required by the CM to perform a cost evaluation of design documents. It is anticipated that upon completion of the independent

cost estimates by AE's cost consultant and the CMAR, a meeting will be held to achieve concurrence of the project's cost.

In providing estimates of probable construction cost, the Airport understands that the Consultant has no control over the cost or availability of labor, equipment, or materials, or over market conditions or a contractor's method of pricing, and that the Consultant's estimates of probable construction costs are made on the basis of the Consultant's professional judgement and experience. The Consultant makes no warranty, express or implied, that the bids or the negotiated cost of the Work will not vary from the Consultant's estimate of probable construction cost.

#### **Task 6.04 Design Coordination Meetings**

The Consultant shall attend coordination meetings with the Airport during this stage of document preparation. Bi-weekly meetings are expected and used as the basis of scope and fee preparation. Attendees at those meetings may include the Consultant team members and Airport Staff. The intent of the meetings will be to resolve any issues impeding the furthering of the construction documents.

#### **Task 6.05 Quality Control Review**

The Consultant shall conduct in-house quality control reviews of this construction document stage submittal. The review shall cover the design plans and technical specifications prior to submittal to the Airport. C&S has an extensive quality control process which will be a base point during this project. The Quality Control review will be performed as follows:

Independent QC Review – An independent Architect/Engineer not actively involved in the Project will review for readability, accuracy, appearance, and acceptability.

Independent Technical Peer Review – for each discipline associated with the Project an Architect/Engineer not actively involved will review the documents for alignment with design methodologies, calculations, and code compliance.

Constructability Review (by CMAR) – a comprehensive look at the Project to ensure alignment between plans and specifications, phasing impacts, [potential conflicts, etc.

Discipline Coordination Review – an interdisciplinary review to ensure coordination of elements between disciplines.

BIM Manager Review – review and assessment of the status of the Revit model and ensure proper coordination. Includes clash coordination meeting to be attended by a representative from each discipline.

#### **Task 6.06 Submittal**

The Consultant will prepare and submit the following electronic files to the Airport:

- Drawings (.pdf)

- Specifications (.pdf)

- Engineer's Report (.pdf)

- Final FAA CSPP (.pdf)

- Final FAA Form 7460 (.pdf)

- FDOT R/W Permit (.pdf)

- SWFWMD Permit (.pdf)

#### **Task 6.07 Project Management**

Consultant will oversee scheduling, resource allocation, monitoring, oversight, direction, and control for all aspects of the team's efforts including assembly and coordination of all documentation.

## TASK 7 CONSTRUCTION ADMINISTRATION SERVICES

The scope (and fee) proposed under this task is based upon an estimated total construction duration of four (4) years. The scope and fee may need to be modified should the construction duration exceed this time. Specific task breakdowns are as follows:

### Project Phasing

The RFQ identified 3 phases of construction. C&S's SOQ identified the scope of work of the project to be reduced by one phase through efficient SF usage and reduced construction phasing costs with the funds in hand. Expanded effort required beyond the RFQ narrative may require additional work by the Consultant Team and could be subject to contract modification.

#### **Task 7.01 Pre-Construction Conference**

The Consultant shall attend one (1) pre-construction conference meeting at the Airport. In attendance will be the CMAR, PM, project architect, and engineering representatives as required. The Consultant will provide input to assist the CMAR in preparing the agenda and meeting minutes.

#### **Task 7.02 RFI/Substitutions/Submittal Review**

The Consultant shall review and respond to Request for Information (RFI's), substitution requests, shop drawings, samples, and other submissions furnished by the contractor and submitted to the Consultant. The Consultant Project Manager and design team shall review and approve as required. The Consultant will utilize software identified by the CMAR for tracking, reviewing, and responding to RFIs and submittals. The Consultant will utilize 5 business days for RFI responses and 10 business days for submittal responses.

Submittal reviews will be limited to the initial review and a single resubmittal. Partial submittals will be rejected upon initial receipt.

#### **Task 7.03 Construction Meetings/Site Visits**

Members of the Consultant Team shall participate in weekly construction coordination meetings throughout the duration of construction (212 meetings total). The Consultant PM will be on-site for 106 total of the meetings with necessary C&S and subconsultant Staff participating in the meetings via teleconference. On-site participation in construction meetings will be coupled with regularly scheduled monthly site visits.

#### **Task 7.04 Architects Supplemental Instructions, (ASI's), RCO (Request for Change Order), Substitutions, Request for Information (RFI), Clarifications**

The Consultant will prepare documentation to issue Architects Supplemental Instructions (ASI's), review Requests for Change Order (RCO) as requested by the Owner's PM, review Substitutions, review Requests for Information (RFI), and review Clarifications with the approval of the Airport. Changes that require additional design and documentation effort from the Consultant will be handled through an amendment to the contract. No changes will be executed, and no work progressed associated with those changes without prior approval from the Airport. Additional costs resulting from these actions that require additional work by the Consultant Team would be considered a contract modification with additional costs. The consultant will utilize the CMAR's hosted construction project management platform for the duration of the construction administration phase.

C&S has included costs for one (1) shop drawing review and one (1) re-submission of required submitted items.,

**Task 7.05 Punchlist and Final Observation**

The Consultant shall perform, together with the Airport's authorized representative(s), a substantial completion observation of the project. The Consultant shall prepare a punchlist of items that must be completed or that are deficient. The Consultant shall perform a final observation 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 the Consultant may recommend approval (from Airport) if applicable, in writing, the issuance of a Certificate of Substantial Completion and final payment to the contractor.

One (1) on-site meeting will be held each for punchlist and final observation. Attending the punchlist will be representatives of the following disciplines:

Architecture

Interior Design

Civil/Airfield

Electrical

Structural

Plumbing

Mechanical

Fire Protection

Baggage Handling

Public Address + PA Commissioning

Wayfinding

Security

**Task 7.06 Project Management**

Consultant will oversee scheduling, resource allocation, monitoring, oversight, direction, and control for all aspects of the Consultant team's efforts including assembly and coordination of all documentation.

**TASK 8 PROJECT CLOSEOUT**

Project closeout includes the preparation of the record documents, final BIM models, and final invoicing.

**Task 8.01 Record Documents**

The Consultant shall obtain red-line as-built drawings from Construction Contractor and prepare "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 the "as-built" prints, drawings, field sketches and other data furnished to the Consultant by the Airport and the contractor, and any amendments issued during construction.

Electronic updated sets of drawings (.pdf)

Electronic updated sets of specifications (.pdf)

BIM files (on CD or USB Drive)

**Task 8.02 Warranty Inspection**

The Consultant shall conduct an on-site observation of the Project during the punchlist phase and advise the Owner of recommended action, if any, to be taken under the terms of any warranty for defective work product.

**Task 8.03 Project Management and Discipline Coordination**

Consultant will oversee scheduling, resource allocation, monitoring, oversight, direction, and control for all aspects of the team's efforts including assembly and coordination of all documentation.

### III MEETINGS AND PRESENTATIONS

The following meetings and presentations will be attended as part of this proposal.

TRAVEL		Virtual	In-person	# Meetings	# People in Person	# Days
Task						
1.02	Project Development Support - Escorting		x	25	1	25
2.02	Site Survey, Scanning and/or Testing		x	25	2	25
2.03	On-Site Walkthrough		x	1	20	1
2.07	Assistance in CMAR Selection		x	2	1	2
2.09	Concept Review Workshop	x	x	1	5	1
2.12	Cost Estimating	x		1		
2.13	Refined Concept Review/Design Coordination Meetings					
	Workshop		x	1	5	1
	Bi-Weekly	x	x	10	1	2
2.14	Conceptual Design Report Meeting Update	x	x	1	1	1
3.04	Schematic Design Documents		x	3	4	3
3.05	Code and Permitting Research with AHJs	x		1		
3.06	Cost Estimating Consultant/CMAR Estimating and VE	x	x	1	5	1
3.07	Design Coordination Meetings					
	Design Review Meetings		x	2	5	2
	Bi-Weekly	x	x	8	1	2
3.08	Federal Agency Coordination	x		3		
3.11	Schematic Design Review Meeting	x	x	1	5	2
4.03	Code and Permitting Coordination with AHJs	x		1		
4.04	Cost Estimating Consultant/CMAR Estimating and VE	x	x	1	1	1
4.05	Design Coordination Meetings					
	Design Review Meetings		x	2	5	2
	Bi-Weekly	x	x	9	1	3
4.09	Design Development Review Meeting	x	x	1	5	2
4.11	Bidding		x	1	1	1
5.03	Code and Permitting Coordination with AHJs	x		1		
5.04	Cost Estimating Consultant/CMAR Estimating and VE	x	x	1	1	1
5.05	Design Coordination Meetings					
	Design Review Meetings		x	2	5	2
	Bi-Weekly	x	x	12	1	3
5.09	Construction Documents (90%) Review Meeting	x	x	1	5	2
6.03	Cost Estimating Consultant/CMAR Estimating	x	x	1	1	1
6.04	Design Coordination Meetings					
	Bi-Weekly	x	x	12	1	1
7.01	Pre-Construction Conference		x	1	4	1
7.03	Construction Meetings/Site Visits	x	x	212	3	212
7.05	Punchlist and Final Observation		x	2	12	2
8.02	Warranty Inspection		x	1	3	1

Notes:

- 1) Assume all bi-weekly meetings will last 1 hour every other week
- 2) Assume bi-weekly meetings will consist of 5 people from the design team
  - C&S PM
  - C&S DPM
  - Design trade lead relevant to discussion that meeting
  - Design trade person relevant to discussion that meeting
  - Design trade person relevant to discussion that meeting
- 3) Assume all "Design Review" meetings to last 2 days, however, only 5 key individuals from consultant team will be required in person, the remainder of team can login virtually per agenda schedule for 1-2 hours each trade
- 4) Assume all "Design Coordination" meetings to last 1 day, however, only 5 key individuals from consultant team will be required in person, the remainder of team can login virtually per agenda schedule for 1-2 hours each trade
- 5) All virtual meetings listed above do not show number of Design Team participants. Each trade will determine necessary involvement and include in SOW

## IV DELIVERABLES

The following deliverables will be submitted as part of this proposal:

Task	Deliverable	Information Included	Format
2.17	Conceptual Design report	Report, Renderings	.pdf
3.09	Schematic Design Submittal	Drawings, Outline Specs, Engineer's Report, Material Boards	.pdf
4.08	60% Design Development Submittal	Drawings, Specifications, Engineer's Report, Draft FAA CSPP, Draft FAA Form 7460	.pdf
5.08	90% Construction Documents Submittal	Drawings, Specifications, Engineer's Report, Final FAA CSPP, Final FAA Form 7460	.pdf
6.06	Construction Documents (IFC) Submittal	Drawings, Specifications, Engineer's Report, Final FAA CSPP, Final FAA Form 7460	.pdf
8.01	Record Documents	Drawings, Specifications, BIM Files	.pdf, Bim

## V PROPOSED PROJECT SCHEDULE

See attached Schedule.

## VI ASSUMPTIONS AND EXCLUSIONS

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

- » LEED/Green Building/WELL design initiatives are not included.
- » As-built record drawings of the existing building will be provided.
- » Resident Project Representative (RPR) services are not included.
- » Special inspections/ Threshold and Materials testing are by others.

The following items are excluded from this Scope of Work unless otherwise noted:

- » Preparation of an Environmental Assessment (EA) or a Federal-level Environmental Impact Statement (EIS).
- » Preparation of technical resource studies and surveys including, but not limited to:
  - Noise Impact Analysis;
  - Traffic Impact Study;
  - Air Quality Assessment and/or emissions inventory;
  - Section 4(f) evaluation;
  - Consultation/coordination with the USDA NRCS and preparation of Form AD1006;
  - Section 106 review or archeological or cultural resource surveys;
  - Phase I/II Environmental Site Assessment, soil sampling, and/or hazardous materials assessments;
  - Wetlands delineation, wetland permitting, and/or preparation of conceptual/final mitigation plans;
  - Groundwater quality assessment;
  - Consistency reviews for floodplains;
  - Federal or state threatened and endangered species surveys or biological assessments.

Agency Coordination for environmental resources categories.

Preparation of any environmental resource category permits for the proposed project;



No NEPA-specific public outreach (i.e. meetings, hearings, or presentations);

- » Design theme alternatives beyond the number indicated above (3).
- » Concept alternatives beyond the number indicated above (3).
- » Fees associated with permitting.
- » C&S 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 Pinellas County specifically directs, in writing, C&S to perform such services/work, and C&S shall not be liable for the nonperformance of such services/work.
- » Baggage Screening commissioning, ISAT and installation coordination.
- » C&S shall not include environmental services, including but not limited to investigation, testing, analysis, handling, and contamination planning, design, remediation, and permitting.
- » A request for a Section 163 Determination will not be conducted or coordinated with the FAA ORL ADO.

## VII PROFESSIONAL SERVICES FEE AND FEE TYPE

For Lump Sum fee:

C&S will provide the above referenced services for a Fixed Lump Sum Fee of \$13,031,447.75 See attached Exhibits for a breakdown of costs.

Should scope efforts or durations be modified at the request of the Airport or need to be adjusted based on design or construction scheduling, the Consultant Team will need to modify the fee to accommodate the changes. Such changes will be compensated for through an amendment (through Additional Services requested by the Consultant) to the Task Order or similar vehicle. Effort, fee, and schedule adjustments resulting from a change in scope will be assessed and approved by the Airport prior to the execution of the change.

## **SCHEDULE**

# PASSENGER TERMINAL IMPROVEMENTS

Wed 3/20/24

ID	Task Name	Duration	Start	Finish	2024												2025				2026				2027				2028				2029				2030		
					Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3							
1	<b>Design Consultant Selection</b>	<b>132 days</b>	<b>Wed 1/10/24</b>	<b>Tue 5/21/24</b>	<b>Consultant Selection</b> 																																		
2	Scope and Fee Negotiations	45 days	Wed 1/10/24	Fri 2/23/24																																			
3	Independent Fee Estimate	14 days	Mon 2/26/24	Sun 3/10/24																																			
4	Finalize Negotiations	21 days	Mon 3/11/24	Sun 3/31/24																																			
5	County Contract Review	30 days	Mon 4/1/24	Tue 4/30/24																																			
6	Board Award of Design (Agenda Deadline - May 3, 2024)	0 days	Tue 5/21/24	Tue 5/21/24																																			
7	<b>Design</b>	<b>597 days</b>	<b>Mon 6/10/24</b>	<b>Wed 1/28/26</b>	<b>Design</b> 																																		
8	Design Kick-off Meeting	0 days	Mon 6/10/24	Mon 6/10/24																																			
9	Existing Conditions	28 days	Tue 6/11/24	Mon 7/8/24																																			
10	Planning/Concepts	86 days	Tue 7/9/24	Wed 10/2/24																																			
11	Concept Workshop	0 days	Wed 10/2/24	Wed 10/2/24																																			
12	Concept Review Mtg	0 days	Wed 10/23/24	Wed 10/23/24																																			
13	30% Schematic	99 days	Thu 10/24/24	Thu 1/30/25																																			
14	30% Review Mtg	0 days	Thu 2/13/25	Thu 2/13/25																																			
15	60% Design Development	105 days	Fri 2/14/25	Thu 5/29/25																																			
16	60% Review Mtg	0 days	Thu 6/12/25	Thu 6/12/25																																			
17	90% Design Development	130 days	Fri 6/13/25	Mon 10/20/25																																			





**EXHIBIT B**

**CLASSIFICATIONS AND LOADED HOURLY RATE SHEETS**

C&S Rates	PROJECT PROPOSED RATE (\$/HR)
Project Officer (Principal in Charge)	\$353.28
Senior Group Manager	\$308.72
Project Manager (Dept Manager)	\$276.89
Principal Engineer/Architect	\$283.26
Chief Planner (Planning Director)	\$318.27
Associate Planning Director	\$311.90
Principal Planning Consultant	\$225.97
Senior Planning Consultant	\$181.41
Planning Consultant	\$159.14
Sustainability & Resilience	\$171.87
Visualization Specialist	\$175.05
Sr. Environmental Specialist	\$0.00
Sr. Airfield/Civil Engineer	\$213.24
Airfield/Civil Engineer	\$184.60
Airfield/Civil Engineer Intern	\$133.67
Sr. Design Architect	\$245.07
Sr. Architect	\$213.24
Architect	\$184.60
Intern Architect	\$133.67
Interior Designer	\$165.50

C&S Rates	PROJECT PROPOSED RATE (\$/HR)
Sr Structural Engineer	\$245.07
Structural Engineer	\$213.24
Sr Electrical Engineer	\$251.43
Electrical Engineer	\$219.61
Sr. HVAC Engineer	\$251.43
HVAC Engineer	\$219.61
Sr Fire Protection Engineer	\$248.25
Fire Protection Engineer	\$216.42
Sr Plumbing Engineer	\$248.25
Plumbing Engineer	\$216.42
Sr Security IT	\$248.25
BIM Manager	\$229.15
Sr. Construction Specialist	\$0.00
Technician/Designer	\$168.68
Administrative Assistant IV (O63)	\$105.03



Gensler Rates	PROJECT PROPOSED RATE (\$/HR)
Project Officer	\$337.40
Project Manager	\$214.83
Principal Engineer/Architect	\$352.42
Senior Sustainability & Resilience	\$200.89
Sustainability & Resilience	\$128.52
Sr. Design Architect	\$240.07
Sr. Architect	\$245.83
Architect	\$187.14
Intern Architect	\$133.99
Interior Design Director	\$313.69
Sr. Interior Designer	\$208.08
Interior Designer	\$179.79
Jr. Interior Designer	\$149.97
BIM Manager	\$206.56
Administrative Assistant IV (O63)	\$119.35
Technical Director	\$248.25
QA QC Manager	\$330.14
Specifications Lead	\$363.40
Senior Signage/Wayfinding Designer	\$245.48
Signage/Wayfinding Designer	\$187.97
Jr. Signage/Wayfinding Designer	\$112.48

TLC Rates	PROJECT PROPOSED RATE (\$/HR)
Project Manager	\$189.75
Principal Engineer/Architect	\$244.81
Sr. HVAC Engineer	\$252.48
Sr Fire Protection Engineer	\$266.17
Fire Protection Engineer	\$145.35
Sr Security IT	\$255.73
Senior Electrical Engineer	\$233.39
Technician/Designer (All Disciplines)	\$149.59
Administrative Assistant IV (O63)	\$112.54
HVAC Engineer	\$134.66
Plumbing Engineer	\$145.35

Aero Rates	PROJECT PROPOSED RATE (\$/HR)
Project Officer	\$334.34
Project Manager	\$260.12
Principal Engineer/Architect	\$260.12
Airfield/Civil Engineer	\$117.82
Sr Electrical Engineer	\$218.81
BIM Manager	\$165.25
Technician/Designer	\$147.65
Senior Fueling Engineer	\$188.19

<b>Base Rates</b>	<b>PROJECT PROPOSED RATE (\$/HR)</b>
Project Principal	\$255.70
Project Manager	\$234.41
Sr Structural Engineer	\$208.18
Structural Engineer	\$122.41
BIM Manager	\$120.12

Connico Rates	PROJECT PROPOSED RATE (\$/HR)
Project Officer	\$290.74
Project Manager	\$285.36
Subject Matter Expert	\$267.76
Senior Cost Specialist	\$223.39
Senior Project Specialist	\$214.23
Cost Specialist	\$183.61
Project Specialist	\$168.30
Analyst III	\$137.72
Analyst II	\$126.99
Analyst I	\$122.41
Administrative Assistant IV (O63)	\$163.02

<b>DBS Rates</b>	<b>PROJECT PROPOSED RATE (\$/HR)</b>
Project Manager	\$96.40
Principal Engineer/Architect	\$152.77
BIM Manager	\$140.77
Technician/Designer	\$85.93

Hyatt Rates	PROJECT PROPOSED RATE (\$/HR)
SUR Senior Surveyor 2	\$267.76
SUR Senior Surveyor 1	\$190.96
SUR Survey Analyst 3	\$138.45
SUR Crew Chief	\$106.62
SUR Instrument Operator	\$81.95
SUR Rod Person	\$73.20

<b>Lerch Bates Rates</b>	<b>PROJECT PROPOSED RATE (\$/HR)</b>
Project Officer ( <b>QA/QC</b> )	\$335.27
Project Manager ( <b>Principal Consultant</b> )	\$185.87
BIM Manager ( <b>CAD Design</b> )	\$139.08
Administrative Assistant IV (O63)	\$97.80



OHC Rates	PROJECT PROPOSED RATE (\$/HR)
Project Officer	\$248.25
Project Manager	\$130.49
Principal Engineer/Architect	\$232.34
Sr. Environmental Specialist	\$222.79
Certified Industrial Hygienist/LAC	\$232.34
Industrial Hygienist	\$85.93
Environmental Scientist	\$92.30

Taylor Rates	PROJECT PROPOSED RATE (\$/HR)
Principal Engineer/Architect	\$270.05
Sr. Airfield/Civil Engineer	\$224.22
Airfield/Civil Engineer	\$153.60
Airfield/Civil Engineer Intern	\$137.72
Administrative Assistant IV (O63)	\$86.95

<b>Tierra Rates</b>	<b>PROJECT PROPOSED RATE (\$/HR)</b>
Project Manager	\$231.06
Principal Engineer/Architect	\$250.96
Sr. Environmental Specialist	\$185.68
Sr. Airfield/Civil Engineer	\$181.32
Airfield/Civil Engineer	\$148.44
Airfield/Civil Engineer Intern	\$127.79
Technician/Designer	\$141.63
Administrative Assistant IV (O63)	\$105.03
Geotechnical Technician	\$93.89
Sr. Geotechnical Technician	\$119.80

VTC Rates	PROJECT PROPOSED RATE (\$/HR)
Project Officer (Principal In Charge)	\$352.42
Project Manager	\$269.51
Principal Engineer/Architect (Systems Engineer)	\$292.14
Chief Planner (Modeling Analyst)	\$264.39
Sr. Architect (Sr. BHS Designer)	\$238.83
Architect (BHS Designer)	\$164.29
Electrical Engineer (Controls/Electrical Engineer)	\$201.94
Sr. Construction Specialist (Field Engineer)	\$232.21
Administrative Assistant IV (O63) (Project Coordinator)	\$163.02

Echo Rates	PROJECT PROPOSED RATE (\$/HR)
Project Manager	\$306.14
Senior Surveyor (PSM)	\$227.56
Project Surveyor (PSM)	\$194.08
Survey/SUE/CADD Technician	\$129.70
SUE Designating/Locating Crew (2-Person)	\$202.90
Survey Crew (3- Person)	\$237.43

<b>Avant Rates</b>	<b>PROJECT PROPOSED RATE (\$/HR)</b>
Principal Engineer/Architect	\$282.34
Senior Electrical Engineer	\$169.42
Electrical Engineer	\$117.44

**EXHIBIT C**

**FEE ESTIMATE**

### SUMMARY PER TASK

TASK NUMBER	DESCRIPTION	DESIGN FEE ESTIMATE	
		TOTAL HOURS	TOTAL FEE
1	Program Management	1,040	\$ 246,455.78
2	Conceptual/Preliminary Design	10,051	\$ 1,811,257.58
3	Schematic Design (30%)	10,010	\$ 2,013,650.76
4	Design Development (60%)	10,057	\$ 2,005,112.16
5	Construction Documents (90%)	13,404	\$ 2,662,230.75
6	Construction Documents (IFC)	5,181	\$ 1,042,956.83
7	Construction Administration	13,004	\$ 2,612,561.52
8	Project Closeout	1,494	\$ 297,458.87
<b>TOTAL LABOR</b>		<b>64,241</b>	<b>\$ 12,691,684.25</b>
<b>TOTAL EXPENSES</b>			<b>\$ 339,763.50</b>
<b>TOTAL PROJECT DESIGN</b>			<b>\$ 13,031,447.75</b>
<b>CONTINGENCY</b>			<b>\$ 1,300,000.00</b>
<b>TOTAL AGREEMENT AMOUNT</b>			<b>\$ 14,331,447.75</b>

**\$ 9,781,663.86** DESIGN  
**\$ 2,910,020.39** CA



TASK NUMBER	DESCRIPTION	DESIGN TEAM	
		TOTAL HOURS	TOTAL FEE
1	<b>Program Management</b>		
	C&S	400	\$ 79,058.00
	Gensler	0	\$ -
	TLC	306	\$ 71,415.88
	Base	0	\$ -
	Taylor	0	\$ -
	Connico	0	\$ -
	VTC	310	\$ 89,351.80
	Hyatt	0	\$ -
	Echo	0	\$ -
	Tierra	0	\$ -
	Avant	0	\$ -
	Aero	24	\$ 6,630.10
	Lerch Bates	0	\$ -
	DBS	0	\$ -
OHC	0	\$ -	
<b>TOTAL FOR TASK</b>		<b>1,040</b>	<b>\$ 246,455.78</b>

DESCRIPTION	DESIGN	
	TOTAL FEE	
<b>Expenses</b>		
C&S	\$ 114,044.00	
Gensler	\$ 106,835.00	
TLC	\$ -	
Base	\$ -	
Taylor	\$ -	
Connico	\$ 3,504.00	
VTC	\$ 45,231.50	
Hyatt	\$ -	
Echo	\$ -	
Tierra	\$ 27,669.00	
Avant	\$ 13,635.00	
Aero	\$ 10,700.00	
Lerch Bates	\$ -	
DBS	\$ 11,145.00	
OHC	\$ 7,000.00	
<b>TOTAL EXPENSES</b>		<b>\$ 339,763.50</b>

2	<b>Conceptual/Preliminary Design</b>		
	C&S	2,094	\$ 492,924.64
	Gensler	2,751	\$ 590,131.26
	TLC	385	\$ 71,410.21
	Base	0	\$ -
	Taylor	20	\$ 4,201.92
	Connico	383	\$ 86,395.54
	VTC	385	\$ 88,195.81
	Hyatt	1,348	\$ 151,149.66
	Echo	283	\$ 56,093.20
	Tierra	80	\$ 12,173.58
	Avant	95	\$ 20,950.46
	Aero	98	\$ 22,378.18
	Lerch Bates	48	\$ 8,569.48
	DBS	1,846	\$ 179,233.18
OHC	235	\$ 27,450.45	
<b>TOTAL FOR TASK</b>		<b>10,051</b>	<b>\$ 1,811,257.58</b>

3	<b>Schematic Design (30%)</b>		
	C&S	3,644	\$ 762,654.04
	Gensler	2,894	\$ 588,730.92
	TLC	1,683	\$ 286,657.23
	Base	202	\$ 31,541.80
	Taylor	62	\$ 13,209.64
	Connico	275	\$ 61,826.81
	VTC	357	\$ 82,251.94
	Hyatt	0	\$ -
	Echo	0	\$ -
	Tierra	0	\$ -
	Avant	56	\$ 10,600.58
	Aero	636	\$ 138,139.60
	Lerch Bates	86	\$ 14,883.90
	DBS	0	\$ -
OHC	115	\$ 23,154.30	
<b>TOTAL FOR TASK</b>		<b>10,010</b>	<b>\$ 2,013,650.76</b>

4	<b>Design Development (60%)</b>		
	C&S	4,318	\$ 939,673.92
	Gensler	2,348	\$ 446,686.21
	TLC	1,683	\$ 286,657.23
	Base	472	\$ 73,420.16
	Taylor	36	\$ 7,725.92
	Connico	87	\$ 19,679.21
	VTC	105	\$ 26,567.98
	Hyatt	0	\$ -
	Echo	0	\$ -
	Tierra	0	\$ -
	Avant	128	\$ 22,714.56
	Aero	704	\$ 149,480.32
	Lerch Bates	91	\$ 15,813.25
	DBS	0	\$ -
OHC	85	\$ 16,693.40	
<b>TOTAL FOR TASK</b>		<b>10,057</b>	<b>\$ 2,005,112.16</b>

5	Construction Documents (90%)		
	C&S	7,642	\$
Gensler	2,353	\$	435,673.02
TLC	1,292	\$	214,524.66
Base	566	\$	88,251.74
Taylor	84	\$	18,468.72
Connico	87	\$	19,679.21
VTC	404	\$	92,424.88
Hyatt	0	\$	-
Echo	0	\$	-
Tierra	0	\$	-
Avant	148	\$	27,067.26
Aero	714	\$	149,700.54
Lerch Bates	84	\$	14,512.16
DBS	0	\$	-
OHC	30	\$	5,951.70
<b>TOTAL FOR TASK</b>		<b>13,404</b>	<b>\$ 2,662,230.75</b>

6	Construction Documents (IFC)		
	C&S	2,426	\$
Gensler	1,239	\$	226,741.13
TLC	832	\$	142,822.85
Base	0	\$	-
Taylor	64	\$	14,350.08
Connico	130	\$	29,067.09
VTC	153	\$	36,682.18
Hyatt	0	\$	-
Echo	0	\$	-
Tierra	0	\$	-
Avant	85	\$	15,662.52
Aero	194	\$	43,518.28
Lerch Bates	28	\$	4,852.08
DBS	0	\$	-
OHC	30	\$	5,951.70
<b>TOTAL FOR TASK</b>		<b>5,181</b>	<b>\$ 1,042,956.83</b>

7	Construction Administration		
	C&S	7,960	\$
Gensler	894	\$	160,387.30
TLC	2,027	\$	334,957.48
Base	300	\$	46,285.92
Taylor	44	\$	9,159.48
Connico	0	\$	-
VTC	888	\$	213,135.11
Hyatt	0	\$	-
Echo	0	\$	-
Tierra	0	\$	-
Avant	306	\$	47,038.82
Aero	406	\$	88,762.56
Lerch Bates	154	\$	45,900.90
DBS	0	\$	-
OHC	25	\$	5,299.25
<b>TOTAL FOR TASK</b>		<b>13,004</b>	<b>\$ 2,612,561.52</b>

8	Project Closeout		
	C&S	869	\$
Gensler	91	\$	16,892.32
TLC	136	\$	22,059.48
Base	74	\$	10,667.98
Taylor	10	\$	2,242.20
Connico	0	\$	-
VTC	114	\$	26,398.50
Hyatt	0	\$	-
Echo	0	\$	-
Tierra	0	\$	-
Avant	41	\$	7,225.82
Aero	100	\$	22,263.28
Lerch Bates	44	\$	10,568.68
DBS	0	\$	-
OHC	15	\$	2,975.85
<b>TOTAL FOR TASK</b>		<b>1,494</b>	<b>\$ 297,458.87</b>

<b>TOTAL LABOR</b>	<b>64,241</b>	<b>\$</b>	<b>12,691,684.25</b>
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PIE Passenger Terminal Improvements

Task #	Task Description	Project Officer	Project Manager	Principal Engineer/Architect	Senior Architect/Resilience	Sr. Design Architect	Sr. Architect	Architect	Intern Architect	Senior Architect/Designer	Sr. Interior Designer	Interior Designer	2nd Interior Designer	Est. Manager	Administrative Director (DB)	Technical Director	QA/QC Manager	Specification Lead	Senior Engineering Designer	Specialized Engineering Designer	TOTAL COST (\$)	HOURS
<b>Task 1 Program Management</b>																						
1.01	Support and Coordination Schedule																					
1.02	Project Development Support - Escrow																					
<b>Task Total</b>																						
<b>Task 2 Construction/Interior Design</b>																						
2.01	Data Collection and Review of As-Built Conditions																					
2.02	Site Survey, Scanning and/or Testing																					
2.03	On-Site Walkthrough																					
2.04	Measurement of Existing Condition (Reed Model)																					
2.05	Measurement of Existing Condition (Reed Model)																					
2.06	Terminal Planning - Program Validation																					
2.07	Assistance in CMAR Selection																					
2.08	Development of Conceptual Preliminary Concepts - Code Review																					
2.09	Development of Conceptual Preliminary Concepts - Code Review																					
2.10	Concept Refinement																					
2.11	Phasing and Constructability																					
2.12	Cost Estimating																					
2.13	Defined Costing Review/Design Coordination Meetings																					
2.14	Cost Control and Value Engineering																					
2.15	Quality Control Review																					
2.16	Submittal																					
2.17	Project Management																					
<b>Task Total</b>																						
<b>Task 3 Schematic Design (30%)</b>																						
3.01	Architectural Schematic Design																					
3.02	Architectural Schematic Design																					
3.03	Terminal Simulation Modeling																					
3.04	Schematic Design Documents																					
3.05	Code and Permitting Research with AHJs																					
3.06	Cost Estimating Consultant/CMAR Estimating and VE																					
3.07	Cost Estimating Consultant/CMAR Estimating and VE																					
3.08	Federal Agency Coordination																					
3.09	Quality Control Review																					
3.10	Submittal																					
3.11	Project Management																					
3.12	Project Management and Discipline Coordination																					
<b>Task Total</b>																						
<b>Task 4 Design Development (60%)</b>																						
4.01	Design Development (60%)																					
4.02	Design Development (60%)																					
4.03	Code and Permitting Coordination with AHJs																					
4.04	Cost Estimating Consultant/CMAR Estimating and VE																					
4.05	Cost Estimating Consultant/CMAR Estimating and VE																					
4.06	Federal Agency Coordination																					
4.07	Quality Control Review																					
4.08	Submittal																					
4.09	Design Development Review Meeting																					
4.10	Project Management																					
4.11	Bidding																					
<b>Task Total</b>																						
<b>Task 5 Construction Documents (90%)</b>																						
5.01	Prior Phase Drawings/Comment Incorporation																					
5.02	Construction Documents (90%)																					
5.03	Code and Permitting Coordination with AHJs																					
5.04	Cost Estimating Consultant/CMAR Estimating and VE																					
5.05	Design Agency Coordination																					
5.06	Federal Agency Coordination																					
5.07	Quality Control Review																					
5.08	Submittal																					
5.09	Design Development Review Meeting																					
5.10	Project Management																					
5.11	Bid Reconciliation																					
5.12	Permitting																					
<b>Task Total</b>																						
<b>Task 6 Construction Documents (IFC)</b>																						
6.01	Prior Phase Drawings/Comment Incorporation																					
6.02	Construction Documents (IFC)																					
6.03	Code and Permitting Coordination with AHJs																					
6.04	Design Agency Coordination																					
6.05	Quality Control Review																					
6.06	Submittal																					
6.07	Project Management																					
<b>Task Total</b>																						
<b>Task 7 Construction Administration Services</b>																						
7.01	Construction Administration Services																					
7.02	RFIS Construction Submittal Review																					
7.03	Construction Meetings/Status Walks																					
7.04	ASHRAE RCI's, RFIs & Clearances																					
7.05	Punchlist and Final Observation																					
7.06	Project Management																					
<b>Task Total</b>																						
<b>Task 8 Project Closeout</b>																						
8.01	Project Closeout																					
8.02	Workshop																					
8.03	Project Management and Discipline Coordination																					
<b>Task Total</b>																						
<b>TOTAL FOR ALL TASKS</b>																						

PIE Passenger Terminal Improvements

TLC Engineering Solutions

		HOURS											HOURS	TOTAL COST (\$)	
		Project Manager	Principal Engineer	Sr. HVAC Eng	HVAC Eng	Sr. FP Eng	FP Eng.	PL Eng	Sr Elec Eng	Sr. IT	IT Designer	Admin			
Burdened hourly rate		\$189.75	\$244.81	\$252.48	\$134.85	\$268.17	\$145.35	\$145.35	\$233.39	\$255.73	\$149.59	\$112.54			
<b>Task 1</b>	<b>Program Management</b>														
1.01	Overall Project Process Support and Coordination Schedule	36	23	22		7				29				117	\$27,295.55
1.02	Project Development Support - Escorting	58	38	36		14				43				189	\$44,120.33
	<b>Task Total</b>	<b>94</b>	<b>61</b>	<b>58</b>	<b>-</b>	<b>21</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>72</b>	<b>-</b>	<b>-</b>	<b>306</b>	<b>\$71,415.88</b>	
<b>Task 2</b>	<b>Conceptual/Preliminary Design</b>														
2.01	Data Collection and Review of As-Built Conditions	4			12	2	1	4		4	8			35	\$5,853.65
2.02	Site Survey, Scanning and/or Testing	8			24		4	10		4	11			61	\$9,467.36
2.03	On-Site Walkthrough	2	2	2	2		2			2	2			14	\$2,744.74
2.04	Development of Existing Condition Revit Model	2			24		1	10			16			53	\$7,603.63
2.05	Master Plan Review	6	2	2		2	2			2				16	\$3,467.56
2.06	Terminal Planning - Program Validation	24	10	10			2			10	6			62	\$13,272.44
2.07	Assistance in CMAR Selection													-	\$0.00
2.08	Development of Conceptual Preliminary Concepts - Code Review	8				2	2			4				16	\$3,363.96
2.09	Concept Review Workshop	4	4	4			4			4				20	\$4,352.48
2.10	Concept Refinement	8	2	2						2				14	\$3,024.04
2.11	Phasing and Constructability	8	2	2						2				14	\$3,024.04
2.12	Cost Estimating	2								2				4	\$890.96
2.13	Refined Concept Review/Design Coordination Meetings	4	4	4			4			4				20	\$4,352.48
2.14	Conceptual Design Report Meeting Update	2	2	2						2				8	\$1,885.54
2.15	Quality Control Review	2	2	2	8	1	1	2	1	1	2			22	\$4,019.08
2.16	Submittal	2			4		2	4			2	2		16	\$2,314.50
2.17	Project Management	8								1				9	\$1,773.73
	<b>Task Total</b>	<b>94</b>	<b>30</b>	<b>30</b>	<b>74</b>	<b>7</b>	<b>25</b>	<b>30</b>	<b>1</b>	<b>44</b>	<b>47</b>	<b>2</b>	<b>385</b>	<b>\$71,410.21</b>	
<b>Task 3</b>	<b>Schematic Design (30%)</b>														
3.01	Architectural Schematic Design	10	8	6			4	4		2	4			38	\$7,643.48
3.02	Interiors/FF&E Schematic Design	10	8	6			4	4		4	4			40	\$8,154.94
3.03	Terminal Simulation Modeling	10			40									50	\$7,283.90
3.04	Schematic Design Documents	140	36	44	310	2	84	135		60	242			1,053	\$172,140.45
3.05	Code and Permitting Research with AHJs	20		4	4	4	8	4						44	\$8,152.44
3.06	Cost Estimating Consultant/CMAR Estimating and VE	8		4	4		4	4		2	2			28	\$5,040.00
3.07	Design Coordination Meetings	32		32	32		16	32		32	32			208	\$38,407.52
3.08	Federal Agency Coordination	4								12	12			28	\$5,622.84
3.09	Quality Control Review	16	8	10	24	6	12	16	1	4	16			113	\$20,067.69
3.10	Submittal	2			6		5	8		2	2	2		25	\$3,601.27
3.11	Schematic Design Review Meeting	4			2	2	2	2		2	2			16	\$2,952.70
3.12	Project Management and Discipline Coordination	40												40	\$7,590.00
	<b>Task Total</b>	<b>296</b>	<b>60</b>	<b>106</b>	<b>422</b>	<b>14</b>	<b>139</b>	<b>209</b>	<b>1</b>	<b>118</b>	<b>316</b>	<b>2</b>	<b>1,683</b>	<b>\$286,657.23</b>	
<b>Task 4</b>	<b>Design Development (60%)</b>														
4.01	Prior Phase Comment Incorporation	30	16	12			8	8		6	8			88	\$17,695.92
4.02	Design Development (60%)	132	36	44	342	2	80	131		60	240			1,067	\$173,469.59
4.03	Code and Permitting Coordination with AHJs	20		4	4	4	8	4						44	\$8,152.44
4.04	Cost Estimating Consultant/CMAR Estimating and VE	8		4	4		4	4		2	2			28	\$5,040.00
4.05	Design Coordination Meetings	32		32	32		16	32		32	32			208	\$38,407.52
4.06	Federal Agency Coordination	4								10	10			24	\$4,812.20
4.07	Quality Control Review	16	8	10	24	6	12	16	1	4	16			113	\$20,067.69
4.08	Submittal	2			6		5	8		2	2	2		25	\$3,601.27
4.09	Design Development Review Meeting	4			2	2	2	2		2	2			16	\$2,952.70
4.10	Project Management	40												40	\$7,590.00
4.11	Bidding	8			8		4	4		2	4			30	\$4,867.90
	<b>Task Total</b>	<b>296</b>	<b>60</b>	<b>106</b>	<b>422</b>	<b>14</b>	<b>139</b>	<b>209</b>	<b>1</b>	<b>118</b>	<b>316</b>	<b>2</b>	<b>1,683</b>	<b>\$286,657.23</b>	
<b>Task 5</b>	<b>Construction Documents (90%)</b>														
5.01	Prior Phase Drawing/Comment Incorporation	16		-	8		4	4		6	8			46	\$8,007.18
5.02	Construction Documents (90%)	140	22	45	270	2	40	130		29	192			870	\$141,049.91
5.03	Code and Permitting Coordination with AHJs	4		2	4	4	4	4						22	\$4,030.08
5.04	Cost Estimating Consultant/CMAR Estimating and VE	8			4		2	4		2	2			22	\$3,739.38
5.05	Design Coordination Meetings	17		-	17		17	17		17	17			102	\$17,347.31
5.06	Federal Agency Coordination	4								10	10			24	\$4,812.20
5.07	Quality Control Review	8	8	8	24	6	12	16	1	4	16			103	\$18,044.73
5.08	Submittal	2			6		5	8		2	2	2		25	\$3,601.27
5.09	Construction Documents (90%) Review Meeting	4			2	2	2	2		2	2			16	\$2,952.70
5.10	Project Management	24												24	\$4,554.00
5.11	Bid Reconciliation	8			8		4	4		2	4			30	\$4,867.90
5.12	Permitting	8												8	\$1,518.00
	<b>Task Total</b>	<b>243</b>	<b>30</b>	<b>55</b>	<b>343</b>	<b>14</b>	<b>90</b>	<b>189</b>	<b>1</b>	<b>72</b>	<b>253</b>	<b>2</b>	<b>1,292</b>	<b>\$214,524.66</b>	
<b>Task 6</b>	<b>Construction Documents (IFC)</b>														
6.01	Prior Phase Drawing/Comment Incorporation	8	2		8		4	4		6	8			40	\$6,978.80
6.02	Construction Document (IFC) Preparation	80	30	45	149	2	40	95		40	98			579	\$98,993.85
6.03	Cost Estimating Consultant/CMAR Estimating	8		2				8			8			26	\$4,382.48
6.04	Design Coordination Meetings	11			11		11	11		11	11			66	\$11,224.73
6.05	Quality Control Review	8	4	8	32	4	7	7	1	4	8			83	\$14,378.81
6.06	Submittal	2			4		2	2		2	2			14	\$2,310.18
6.07	Project Management	24												24	\$4,554.00
	<b>Task Total</b>	<b>141</b>	<b>36</b>	<b>55</b>	<b>204</b>	<b>6</b>	<b>64</b>	<b>127</b>	<b>1</b>	<b>63</b>	<b>135</b>	<b>-</b>	<b>832</b>	<b>\$142,822.85</b>	
<b>Task 7</b>	<b>Construction Administration Services</b>														
7.01	Pre-Construction Conference	2	2	2		2	2	2		2	2			18	\$3,567.78
7.02	RFI/Substitutions/Submittal Review	80			108		8	80		8	40	80		404	\$59,546.72
7.03	Construction Meetings/Site Visits	192	48	48	192		96	122		96	180			974	\$169,319.22
7.04	ASI's, RCO's, RFI's, & Clarifications	63	8	21	240	2	8	80		30	85			537	\$85,243.40
7.05	Punchlist and Final Observation	8	2	2	8	2	8	8		8	8			54	\$9,690.36
7.06	Project Management	40												40	\$7,590.00
	<b>Task Total</b>	<b>385</b>	<b>60</b>	<b>73</b>	<b>550</b>	<b>6</b>	<b>122</b>	<b>292</b>	<b>-</b>	<b>144</b>	<b>315</b>	<b>80</b>	<b>2,027</b>	<b>\$334,957.48</b>	
<b>Task 8</b>	<b>Project Closeout</b>														
8.01	Record Documents				8		40	6			30			84	\$12,251.08
8.02	Warranty Inspection	4			6		6	6		5	5			32	\$5,337.76
8.03	Project Management and Discipline Coordination	6	4	4		2				2	2			20	\$4,470.64
	<b>Task Total</b>	<b>10</b>	<b>4</b>	<b>4</b>	<b>14</b>	<b>2</b>	<b>46</b>	<b>12</b>	<b>-</b>	<b>7</b>	<b>37</b>	<b>-</b>	<b>136</b>	<b>\$22,059.48</b>	
<b>TOTAL FOR ALL TASKS</b>		<b>1,559</b>	<b>341</b>	<b>487</b>	<b>2,029</b>	<b>84</b>	<b>625</b>	<b>1,068</b>	<b>5</b>	<b>638</b>	<b>1,419</b>	<b>88</b>	<b>8,344</b>	<b>\$1,430,505.02</b>	

PIE Passenger Terminal Improvements

Base		HOURS					HOURS	TOTAL COST (\$)
		PM	Project Principal	Sr Struct'l Eng	Structural Eng	BIM Manager		
Burdened hourly rate		\$234.41	\$255.70	\$208.18	\$122.41	\$120.12		
<b>Task 1 Program Management</b>								
1.01	Overall Project Process Support and Coordination Schedule						-	\$0.00
1.02	Project Development Support - Escorting						-	\$0.00
	<b>Task Total</b>	-	-	-	-	-	-	<b>\$0.00</b>
<b>Task 2 Conceptual/Preliminary Design</b>								
2.01	Data Collection and Review of As-Built Conditions						-	\$0.00
2.02	Site Survey, Scanning and/or Testing						-	\$0.00
2.03	On-Site Walkthrough						-	\$0.00
2.04	Development of Existing Condition Revit Model						-	\$0.00
2.05	Master Plan Review						-	\$0.00
2.06	Terminal Planning - Program Validation						-	\$0.00
2.07	Assistance in CMAR Selection						-	\$0.00
2.08	Development of Conceptual Preliminary Concepts - Code Review						-	\$0.00
2.09	Concept Review Workshop						-	\$0.00
2.10	Concept Refinement						-	\$0.00
2.11	Phasing and Constructability						-	\$0.00
2.12	Cost Estimating						-	\$0.00
2.13	Refined Concept Review/Design Coordination Meetings						-	\$0.00
2.14	Conceptual Design Report Meeting Update						-	\$0.00
2.15	Quality Control Review						-	\$0.00
2.16	Submittal						-	\$0.00
2.17	Project Management						-	\$0.00
	<b>Task Total</b>	-	-	-	-	-	-	<b>\$0.00</b>
<b>Task 3 Schematic Design (30%)</b>								
3.01	Architectural Schematic Design						-	\$0.00
3.02	Interiors/FF&E Schematic Design						-	\$0.00
3.03	Terminal Simulation Modeling						-	\$0.00
3.04	Schematic Design Documents	6		32	48	56	142	\$20,670.62
3.05	Code and Permitting Research with AHJs						-	\$0.00
3.06	Cost Estimating Consultant/CMAR Estimating and VE						-	\$0.00
3.07	Design Coordination Meetings	2		4			6	\$1,301.54
3.08	Federal Agency Coordination						-	\$0.00
3.09	Quality Control Review	4	8	4	4	6	26	\$5,026.32
3.10	Submittal	4		4	8	8	24	\$3,710.60
3.11	Schematic Design Review Meeting			4			4	\$832.72
3.12	Project Management and Discipline Coordination						-	\$0.00
	<b>Task Total</b>	<b>16</b>	<b>8</b>	<b>48</b>	<b>60</b>	<b>70</b>	<b>202</b>	<b>\$31,541.80</b>
<b>Task 4 Design Development (60%)</b>								
4.01	Prior Phase Comment Incorporation	4		8	8	16	36	\$5,504.28
4.02	Design Development (60%)	16		96	120	120	352	\$52,839.44
4.03	Code and Permitting Coordination with AHJs						-	\$0.00
4.04	Cost Estimating Consultant/CMAR Estimating and VE						-	\$0.00
4.05	Design Coordination Meetings	4		8	8	8	28	\$4,543.32
4.06	Federal Agency Coordination						-	\$0.00
4.07	Quality Control Review	4	16	8	8	8	44	\$8,634.52
4.08	Submittal	4					8	\$1,898.60
4.09	Design Development Review Meeting						-	\$0.00
4.10	Project Management						-	\$0.00
4.11	Bidding						-	\$0.00
	<b>Task Total</b>	<b>32</b>	<b>16</b>	<b>120</b>	<b>144</b>	<b>160</b>	<b>472</b>	<b>\$73,420.16</b>
<b>Task 5 Construction Documents (90%)</b>								
5.01	Prior Phase Drawing/Comment Incorporation	4		8	12	16	40	\$5,993.92
5.02	Construction Documents (90%)	16		120	120	160	416	\$62,640.56
5.03	Code and Permitting Coordination with AHJs						-	\$0.00
5.04	Cost Estimating Consultant/CMAR Estimating and VE						-	\$0.00
5.05	Design Coordination Meetings	4		8	8	8	28	\$4,543.32
5.06	Federal Agency Coordination						-	\$0.00
5.07	Quality Control Review	6	16	8	8	8	46	\$9,103.34
5.08	Submittal	4		4	8	8	24	\$3,710.60
5.09	Construction Documents (90%) Review Meeting	4		4	4		12	\$2,260.00
5.10	Project Management						-	\$0.00
5.11	Bid Reconciliation						-	\$0.00
5.12	Permitting						-	\$0.00
	<b>Task Total</b>	<b>38</b>	<b>16</b>	<b>152</b>	<b>160</b>	<b>200</b>	<b>566</b>	<b>\$88,251.74</b>
<b>Task 6 Construction Documents (IFC)</b>								
6.01	Prior Phase Drawing/Comment Incorporation						-	\$0.00
6.02	Construction Document (IFC) Preparation						-	\$0.00
6.03	Cost Estimating Consultant/CMAR Estimating						-	\$0.00
6.04	Design Coordination Meetings						-	\$0.00
6.05	Quality Control Review						-	\$0.00
6.06	Submittal						-	\$0.00
6.07	Project Management						-	\$0.00
	<b>Task Total</b>	-	-	-	-	-	-	<b>\$0.00</b>
<b>Task 7 Construction Administration Services</b>								
7.01	Pre-Construction Conference						-	\$0.00
7.02	RFI/Substitutions/Submittal Review	12		40	96		148	\$22,891.48
7.03	Construction Meetings/Site Visits	8		24	30		62	\$10,543.90
7.04	ASI's, RCO's, RFI's, & Clarifications	8		12	30	40	90	\$12,850.54
7.05	Punchlist and Final Observation						-	\$0.00
7.06	Project Management						-	\$0.00
	<b>Task Total</b>	<b>28</b>	-	<b>76</b>	<b>156</b>	<b>40</b>	<b>300</b>	<b>\$46,285.92</b>
<b>Task 8 Project Closeout</b>								
8.01	Record Documents	6		12	16	40	74	\$10,667.98
8.02	Warranty Inspection						-	\$0.00
8.03	Project Management and Discipline Coordination						-	\$0.00
	<b>Task Total</b>	<b>6</b>	-	<b>12</b>	<b>16</b>	<b>40</b>	<b>74</b>	<b>\$10,667.98</b>
<b>TOTAL FOR ALL TASKS</b>		<b>120</b>	<b>40</b>	<b>408</b>	<b>536</b>	<b>510</b>	<b>1,614</b>	<b>\$250,167.60</b>

PIE Passenger Terminal Improvements

Taylor Engineering

		HOURS					HOURS	TOTAL COST (\$)
		Principal Engineer/ Architect	Senior Airfield/Civil Engineer	Airfield/Civil Engineer	Airfield/Civil Engineer Intern	Admin		
Burdened hourly rate		\$270.05	\$224.22	\$153.60	\$137.72	\$86.95		
<b>Task 1 Program Management</b>								
1.01	Overall Project Process Support and Coordination Schedule						\$0.00	
1.02	Project Development Support - Escorting						\$0.00	
	<b>Task Total</b>	-	-	-	-	-	<b>\$0.00</b>	
<b>Task 2 Conceptual/Preliminary Design</b>								
2.01	Data Collection and Review of As-Built Conditions		6				\$1,345.32	
2.02	Site Survey, Scanning and/or Testing						\$0.00	
2.03	On-Site Walkthrough		4	4			\$1,511.28	
2.04	Development of Existing Condition Revit Model						\$0.00	
2.05	Master Plan Review		6				\$1,345.32	
2.06	Terminal Planning - Program Validation						\$0.00	
2.07	Assistance in CMAR Selection						\$0.00	
2.08	Development of Conceptual Preliminary Concepts - Code Review						\$0.00	
2.09	Concept Review Workshop						\$0.00	
2.10	Concept Refinement						\$0.00	
2.11	Phasing and Constructability						\$0.00	
2.12	Cost Estimating						\$0.00	
2.13	Refined Concept Review/Design Coordination Meetings						\$0.00	
2.14	Conceptual Design Report Meeting Update						\$0.00	
2.15	Quality Control Review						\$0.00	
2.16	Submittal						\$0.00	
2.17	Project Management						\$0.00	
	<b>Task Total</b>	-	16	4	-	-	<b>\$4,201.92</b>	
<b>Task 3 Schematic Design (30%)</b>								
3.01	Architectural Schematic Design						\$0.00	
3.02	Interiors/FF&E Schematic Design						\$0.00	
3.03	Terminal Simulation Modeling						\$0.00	
3.04	Schematic Design Documents		54		8		\$13,209.64	
3.05	Code and Permitting Research with AHJs						\$0.00	
3.06	Cost Estimating Consultant/CMAR Estimating and VE						\$0.00	
3.07	Design Coordination Meetings						\$0.00	
3.08	Federal Agency Coordination						\$0.00	
3.09	Quality Control Review						\$0.00	
3.10	Submittal						\$0.00	
3.11	Schematic Design Review Meeting						\$0.00	
3.12	Project Management and Discipline Coordination						\$0.00	
	<b>Task Total</b>	-	54	-	8	-	<b>\$13,209.64</b>	
<b>Task 4 Design Development (60%)</b>								
4.01	Prior Phase Comment Incorporation						\$0.00	
4.02	Design Development (60%)		32		4		\$7,725.92	
4.03	Code and Permitting Coordination with AHJs						\$0.00	
4.04	Cost Estimating Consultant/CMAR Estimating and VE						\$0.00	
4.05	Design Coordination Meetings						\$0.00	
4.06	Federal Agency Coordination						\$0.00	
4.07	Quality Control Review						\$0.00	
4.08	Submittal						\$0.00	
4.09	Design Development Review Meeting						\$0.00	
4.10	Project Management						\$0.00	
4.11	Bidding						\$0.00	
	<b>Task Total</b>	-	32	-	4	-	<b>\$7,725.92</b>	
<b>Task 5 Construction Documents (90%)</b>								
5.01	Prior Phase Drawing/Comment Incorporation						\$0.00	
5.02	Construction Documents (90%)		20				\$4,484.40	
5.03	Code and Permitting Coordination with AHJs						\$0.00	
5.04	Cost Estimating Consultant/CMAR Estimating and VE						\$0.00	
5.05	Design Coordination Meetings						\$0.00	
5.06	Federal Agency Coordination						\$0.00	
5.07	Quality Control Review						\$0.00	
5.08	Submittal						\$0.00	
5.09	Construction Documents (90%) Review Meeting						\$0.00	
5.10	Project Management						\$0.00	
5.11	Bid Reconciliation						\$0.00	
5.12	Permitting	4	56			4	\$13,984.32	
	<b>Task Total</b>	4	76	-	-	4	<b>\$18,468.72</b>	
<b>Task 6 Construction Documents (IFC)</b>								
6.01	Prior Phase Drawing/Comment Incorporation		60				\$13,453.20	
6.02	Construction Document (IFC) Preparation						\$0.00	
6.03	Cost Estimating Consultant/CMAR Estimating		4				\$896.88	
6.04	Design Coordination Meetings						\$0.00	
6.05	Quality Control Review						\$0.00	
6.06	Submittal						\$0.00	
6.07	Project Management						\$0.00	
	<b>Task Total</b>	-	64	-	-	-	<b>\$14,350.08</b>	
<b>Task 7 Construction Administration Services</b>								
7.01	Pre-Construction Conference		4	4			\$1,511.28	
7.02	RFI/Substitutions/Submittal Review		8				\$1,793.76	
7.03	Construction Meetings/Site Visits		16				\$3,587.52	
7.04	ASI's, RCO's, RFI's, & Clarifications						\$0.00	
7.05	Punchlist and Final Observation		6	6			\$2,266.92	
7.06	Project Management						\$0.00	
	<b>Task Total</b>	-	34	10	-	-	<b>\$9,159.48</b>	
<b>Task 8 Project Closeout</b>								
8.01	Record Documents		10				\$2,242.20	
8.02	Warranty Inspection						\$0.00	
8.03	Project Management and Discipline Coordination						\$0.00	
	<b>Task Total</b>	-	10	-	-	-	<b>\$2,242.20</b>	
<b>TOTAL FOR ALL TASKS</b>		4	286	14	12	4	<b>\$69,357.96</b>	

PIE Passenger Terminal Improvements

Connico LLC

		HOURS						HOURS	TOTAL COST (\$)
		Project Officer	Project Manager	Subject Matter Expert	Senior Cost Specialist	Cost Specialist	Administrative Assistant IV (063)		
Burdened hourly rate		\$200.74	\$285.36	\$267.76	\$223.39	\$183.61	\$163.02		
<b>Task 1 Program Management</b>									
1.01	Overall Project Process Support and Coordination Schedule							\$0.00	
1.02	Project Development Support - Escorting							\$0.00	
<b>Task Total</b>		-	-	-	-	-	-	<b>\$0.00</b>	
<b>Task 2 Conceptual/Preliminary Design</b>									
2.01	Data Collection and Review of As-Built Conditions							\$0.00	
2.02	Site Survey, Scanning and/or Testing							\$0.00	
2.03	On-Site Walkthrough							\$0.00	
2.04	Development of Existing Condition Revit Model							\$0.00	
2.05	Master Plan Review							\$0.00	
2.06	Terminal Planning - Program Validation							\$0.00	
2.07	Assistance in CMAR Selection							\$0.00	
2.08	Development of Conceptual Preliminary Concepts - Code Review							\$0.00	
2.09	Concept Review Workshop							\$0.00	
2.10	Concept Refinement							\$0.00	
2.11	Phasing and Constructability							\$0.00	
2.12	<b>Cost Estimating</b>	2	18	88	168	104	3	\$86,395.54	
2.13	Refined Concept Review/Design Coordination Meetings							\$0.00	
2.14	Conceptual Design Report Meeting Update							\$0.00	
2.15	Quality Control Review							\$0.00	
2.16	Submittal							\$0.00	
2.17	Project Management							\$0.00	
<b>Task Total</b>		<b>2</b>	<b>18</b>	<b>88</b>	<b>168</b>	<b>104</b>	<b>3</b>	<b>\$86,395.54</b>	
<b>Task 3 Schematic Design (30%)</b>									
3.01	Architectural Schematic Design							\$0.00	
3.02	Interiors/FF&E Schematic Design							\$0.00	
3.03	Terminal Simulation Modeling							\$0.00	
3.04	Schematic Design Documents							\$0.00	
3.05	Code and Permitting Research with AHJs							\$0.00	
3.06	<b>Cost Estimating Consultant/CMAR Estimating and VE</b>		10	68	116	80	1	\$61,826.81	
3.07	Design Coordination Meetings							\$0.00	
3.08	Federal Agency Coordination							\$0.00	
3.09	Quality Control Review							\$0.00	
3.10	Submittal							\$0.00	
3.11	Schematic Design Review Meeting							\$0.00	
3.12	Project Management and Discipline Coordination							\$0.00	
<b>Task Total</b>		-	<b>10</b>	<b>68</b>	<b>116</b>	<b>80</b>	<b>1</b>	<b>\$61,826.81</b>	
<b>Task 4 Design Development (60%)</b>									
4.01	Prior Phase Comment Incorporation							\$0.00	
4.02	Design Development (60%)							\$0.00	
4.03	Code and Permitting Coordination with AHJs							\$0.00	
4.04	<b>Cost Estimating Consultant/CMAR Estimating and VE</b>		6	20	36	24	1	\$19,679.21	
4.05	Design Coordination Meetings							\$0.00	
4.06	Federal Agency Coordination							\$0.00	
4.07	Quality Control Review							\$0.00	
4.08	Submittal							\$0.00	
4.09	Design Development Review Meeting							\$0.00	
4.10	Project Management							\$0.00	
4.11	Bidding							\$0.00	
<b>Task Total</b>		-	<b>6</b>	<b>20</b>	<b>36</b>	<b>24</b>	<b>1</b>	<b>\$19,679.21</b>	
<b>Task 5 Construction Documents (90%)</b>									
5.01	Prior Phase Drawing/Comment Incorporation							\$0.00	
5.02	Construction Documents (90%)							\$0.00	
5.03	Code and Permitting Coordination with AHJs							\$0.00	
5.04	<b>Cost Estimating Consultant/CMAR Estimating and VE</b>		6	20	36	24	1	\$19,679.21	
5.05	Design Coordination Meetings							\$0.00	
5.06	Federal Agency Coordination							\$0.00	
5.07	Quality Control Review							\$0.00	
5.08	Submittal							\$0.00	
5.09	Construction Documents (90%) Review Meeting							\$0.00	
5.10	Project Management							\$0.00	
5.11	Bid Reconciliation							\$0.00	
5.12	Permitting							\$0.00	
<b>Task Total</b>		-	<b>6</b>	<b>20</b>	<b>36</b>	<b>24</b>	<b>1</b>	<b>\$19,679.21</b>	
<b>Task 6 Construction Documents (IFC)</b>									
6.01	Prior Phase Drawing/Comment Incorporation							\$0.00	
6.02	Construction Document (IFC) Preparation							\$0.00	
6.03	<b>Cost Estimating Consultant/CMAR Estimating</b>		8	28	52	40	2	\$29,067.09	
6.04	Design Coordination Meetings							\$0.00	
6.05	Quality Control Review							\$0.00	
6.06	Submittal							\$0.00	
6.07	Project Management							\$0.00	
<b>Task Total</b>		-	<b>8</b>	<b>28</b>	<b>52</b>	<b>40</b>	<b>2</b>	<b>\$29,067.09</b>	
<b>Task 7 Construction Administration Services</b>									
7.01	Pre-Construction Conference							\$0.00	
7.02	RFI/Substitutions/Submittal Review							\$0.00	
7.03	Construction Meetings/Site Visits							\$0.00	
7.04	ASI's, RCO's, RFI's, & Clarifications							\$0.00	
7.05	Punchlist and Final Observation							\$0.00	
7.06	Project Management							\$0.00	
<b>Task Total</b>		-	-	-	-	-	-	<b>\$0.00</b>	
<b>Task 8 Project Closeout</b>									
8.01	Record Documents							\$0.00	
8.02	Warranty Inspection							\$0.00	
8.03	Project Management and Discipline Coordination							\$0.00	
<b>Task Total</b>		-	-	-	-	-	-	<b>\$0.00</b>	
<b>TOTAL FOR ALL TASKS</b>		<b>2</b>	<b>48</b>	<b>224</b>	<b>408</b>	<b>272</b>	<b>8</b>	<b>\$216,647.87</b>	



PIE Passenger Terminal Improvements

VTC		HOURS										HOURS	TOTAL COST (\$)
		Principal In Charge	Project Manager	Senior BHS Designer	BHS Designer	Principal/Sys tems Engineer	Modelling Analyst	Controls/Elec trical Engineer	Field Engineer (QA/QC)	Project Coordinator			
Burdened hourly rate		\$352.42	\$289.51	\$238.83	\$164.29	\$292.14	\$264.39	\$201.94	\$232.21	\$163.02			
<b>Task 1 Program Management</b>													
1.01	Overall Project Process Support and Coordination Schedule	70	240								310	\$89,351.80	
1.02	Project Development Support - Escorting											\$0.00	
	<b>Task Total</b>	<b>70</b>	<b>240</b>	-	-	-	-	-	-	-	<b>310</b>	<b>\$89,351.80</b>	
<b>Task 2 Conceptual/Preliminary Design</b>													
2.01	Data Collection and Review of As-Built Conditions		20		20		12				52	\$11,848.68	
2.02	Site Survey, Scanning and/or Testing											\$0.00	
2.03	On-Site Walkthrough				20						20	\$3,285.80	
2.04	Development of Existing Condition Revit Model				30						30	\$4,928.70	
2.05	Master Plan Review		20				15				35	\$9,356.05	
2.06	Terminal Planning - Program Validation											\$0.00	
2.07	Assistance in CMAR Selection											\$0.00	
2.08	Development of Conceptual Preliminary Concepts - Code Review		20	20	30						70	\$15,095.50	
2.09	Concept Review Workshop											\$0.00	
2.10	Concept Refinement			20	20						40	\$8,062.40	
2.11	Phasing and Constructability				20						20	\$3,285.80	
2.12	Cost Estimating		20								20	\$5,390.20	
2.13	Refined Concept Review/Design Coordination Meetings											\$0.00	
2.14	Conceptual Design Report Meeting Update											\$0.00	
2.15	Quality Control Review								8		8	\$1,857.68	
2.16	Submittal											\$0.00	
2.17	Project Management	10	80								90	\$25,085.00	
	<b>Task Total</b>	<b>10</b>	<b>160</b>	<b>40</b>	<b>140</b>	-	<b>27</b>	-	<b>8</b>	-	<b>385</b>	<b>\$88,195.81</b>	
<b>Task 3 Schematic Design (30%)</b>													
3.01	Architectural Schematic Design											\$0.00	
3.02	Interiors/FF&E Schematic Design											\$0.00	
3.03	Terminal Simulation Modeling											\$0.00	
3.04	Schematic Design Documents		30	30	60		20	40			180	\$38,473.00	
3.05	Code and Permitting Research with AHJs											\$0.00	
3.06	Cost Estimating Consultant/CMAR Estimating and VE		20		10						30	\$7,033.10	
3.07	Design Coordination Meetings		20	20	10						50	\$11,809.70	
3.08	Federal Agency Coordination											\$0.00	
3.09	Quality Control Review		20		10			4	8		42	\$9,698.54	
3.10	Submittal											\$0.00	
3.11	Schematic Design Review Meeting											\$0.00	
3.12	Project Management and Discipline Coordination	5	50								55	\$15,237.60	
	<b>Task Total</b>	<b>5</b>	<b>140</b>	<b>50</b>	<b>90</b>	-	<b>20</b>	<b>44</b>	<b>8</b>	-	<b>357</b>	<b>\$82,251.94</b>	
<b>Task 4 Design Development (60%)</b>													
4.01	Prior Phase Comment Incorporation											\$0.00	
4.02	Design Development (60%)		10	20	8			8	4		50	\$11,330.38	
4.03	Code and Permitting Coordination with AHJs											\$0.00	
4.04	Cost Estimating Consultant/CMAR Estimating and VE											\$0.00	
4.05	Design Coordination Meetings											\$0.00	
4.06	Federal Agency Coordination											\$0.00	
4.07	Quality Control Review		5								5	\$1,347.55	
4.08	Submittal		15								15	\$4,042.65	
4.09	Design Development Review Meeting											\$0.00	
4.10	Project Management	5	30								35	\$9,847.40	
4.11	Bidding											\$0.00	
	<b>Task Total</b>	<b>5</b>	<b>60</b>	<b>20</b>	<b>8</b>	-	-	<b>8</b>	<b>4</b>	-	<b>105</b>	<b>\$26,567.98</b>	
<b>Task 5 Construction Documents (90%)</b>													
5.01	Prior Phase Drawing/Comment Incorporation											\$0.00	
5.02	Construction Documents (90%)		40	30	70	20	4	80			244	\$52,501.16	
5.03	Code and Permitting Coordination with AHJs		15	12	10			10			47	\$10,570.91	
5.04	Cost Estimating Consultant/CMAR Estimating and VE		5								5	\$1,347.55	
5.05	Design Coordination Meetings											\$0.00	
5.06	Federal Agency Coordination											\$0.00	
5.07	Quality Control Review		5						15		20	\$4,830.70	
5.08	Submittal		15	5	10						30	\$6,879.70	
5.09	Construction Documents (90%) Review Meeting											\$0.00	
5.10	Project Management	8									8	\$2,819.36	
5.11	Bid Reconciliation		50								50	\$13,475.50	
5.12	Permitting											\$0.00	
	<b>Task Total</b>	<b>8</b>	<b>130</b>	<b>47</b>	<b>90</b>	<b>20</b>	<b>4</b>	<b>90</b>	<b>15</b>	-	<b>404</b>	<b>\$92,424.88</b>	
<b>Task 6 Construction Documents (IFC)</b>													
6.01	Prior Phase Drawing/Comment Incorporation											\$0.00	
6.02	Construction Document (IFC) Preparation		20	20	30	20		20			110	\$24,977.10	
6.03	Cost Estimating Consultant/CMAR Estimating											\$0.00	
6.04	Design Coordination Meetings											\$0.00	
6.05	Quality Control Review		10						8		18	\$4,552.78	
6.06	Submittal		10								10	\$2,695.10	
6.07	Project Management	5	10								15	\$4,457.20	
	<b>Task Total</b>	<b>5</b>	<b>50</b>	<b>20</b>	<b>30</b>	<b>20</b>	-	<b>20</b>	<b>8</b>	-	<b>153</b>	<b>\$36,682.18</b>	
<b>Task 7 Construction Administration Services</b>													
7.01	Pre-Construction Conference		28	4				4	4		40	\$10,238.20	
7.02	RFI/Substitutions/Submittal Review		28	12		20		20			80	\$20,293.84	
7.03	Construction Meetings/Site Visits		28	5				5	560		598	\$139,787.73	
7.04	ASI's, RCO's, RFI's, & Clarifications		28	12		12		20			72	\$17,956.72	
7.05	Punchlist and Final Observation		28	2					40		70	\$17,312.34	
7.06	Project Management		28								28	\$7,546.28	
	<b>Task Total</b>	-	<b>168</b>	<b>35</b>	-	<b>32</b>	-	<b>49</b>	<b>604</b>	-	<b>888</b>	<b>\$213,135.11</b>	
<b>Task 8 Project Closeout</b>													
8.01	Record Documents		8					16			24	\$5,387.12	
8.02	Warranty Inspection		8					16	50		74	\$16,997.62	
8.03	Project Management and Discipline Coordination		8						8		16	\$4,013.76	
	<b>Task Total</b>	-	<b>24</b>	-	-	-	-	<b>32</b>	<b>58</b>	-	<b>114</b>	<b>\$26,398.50</b>	
<b>TOTAL FOR ALL TASKS</b>		<b>103</b>	<b>972</b>	<b>212</b>	<b>358</b>	<b>72</b>	<b>51</b>	<b>243</b>	<b>705</b>	-	<b>2,716</b>	<b>\$655,008.20</b>	

PIE Passenger Terminal Improvements

HYATT

		HOURS						HOURS	TOTAL COST (\$)
		SUR Senior Surveyor 2	SUR Senior Surveyor 1	SUR Survey Analyst 3	SUR Crew Chief	SUR Instrument Operator	SUR Rod Person		
Burdened hourly rate		\$267.76	\$190.96	\$138.45	\$106.62	\$81.95	\$73.20		
<b>Task 1 Program Management</b>									
1.01	Overall Project Process Support and Coordination Schedule							\$0.00	
1.02	Project Development Support - Escorting							\$0.00	
	<b>Task Total</b>	-	-	-	-	-	-	<b>\$0.00</b>	
<b>Task 2 Conceptual/Preliminary Design</b>									
2.01	Data Collection and Review of As-Built Conditions							\$0.00	
2.02	Site Survey, AREA #1	-	38	154	172	172	536	\$61,011.82	
2.02	Site Survey, AREA #2	-	11	44	56	56	167	\$18,752.28	
2.02	Site Survey, AREA #3	-	14	55	70	70	209	\$23,488.09	
2.02	Site Survey, AREA #4	-	13	53	76	76	218	\$24,151.65	
2.02	Site Survey, AREA #5	-	12	46	80	80	218	\$23,745.82	
2.03	On-Site Walkthrough							\$0.00	
2.04	Development of Existing Condition Revit Model							\$0.00	
2.05	Master Plan Review							\$0.00	
2.06	Terminal Planning - Program Validation							\$0.00	
2.07	Assistance in CMAR Selection							\$0.00	
2.08	Development of Conceptual Preliminary Concepts - Code Review							\$0.00	
2.09	Concept Review Workshop							\$0.00	
2.10	Concept Refinement							\$0.00	
2.11	Phasing and Constructability							\$0.00	
2.12	Cost Estimating							\$0.00	
2.13	Refined Concept Review/Design Coordination Meetings							\$0.00	
2.14	Conceptual Design Report Meeting Update							\$0.00	
2.15	Quality Control Review							\$0.00	
2.16	Submittal							\$0.00	
2.17	Project Management							\$0.00	
	<b>Task Total</b>	-	88	352	454	454	1,348	<b>\$151,149.66</b>	
<b>Task 3 Schematic Design (30%)</b>									
3.01	Architectural Schematic Design							\$0.00	
3.02	Interiors/FF&E Schematic Design							\$0.00	
3.03	Terminal Simulation Modeling							\$0.00	
3.04	Schematic Design Documents							\$0.00	
3.05	Code and Permitting Research with AHJs							\$0.00	
3.06	Cost Estimating Consultant/CMAR Estimating and VE							\$0.00	
3.07	Design Coordination Meetings							\$0.00	
3.08	Federal Agency Coordination							\$0.00	
3.09	Quality Control Review							\$0.00	
3.10	Submittal							\$0.00	
3.11	Schematic Design Review Meeting							\$0.00	
3.12	Project Management and Discipline Coordination							\$0.00	
	<b>Task Total</b>	-	-	-	-	-	-	<b>\$0.00</b>	
<b>Task 4 Design Development (60%)</b>									
4.01	Prior Phase Comment Incorporation							\$0.00	
4.02	Design Development (60%)							\$0.00	
4.03	Code and Permitting Coordination with AHJs							\$0.00	
4.04	Cost Estimating Consultant/CMAR Estimating and VE							\$0.00	
4.05	Design Coordination Meetings							\$0.00	
4.06	Federal Agency Coordination							\$0.00	
4.07	Quality Control Review							\$0.00	
4.08	Submittal							\$0.00	
4.09	Design Development Review Meeting							\$0.00	
4.10	Project Management							\$0.00	
4.11	Bidding							\$0.00	
	<b>Task Total</b>	-	-	-	-	-	-	<b>\$0.00</b>	
<b>Task 5 Construction Documents (90%)</b>									
5.01	Prior Phase Drawing/Comment Incorporation							\$0.00	
5.02	Construction Documents (90%)							\$0.00	
5.03	Code and Permitting Coordination with AHJs							\$0.00	
5.04	Cost Estimating Consultant/CMAR Estimating and VE							\$0.00	
5.05	Design Coordination Meetings							\$0.00	
5.06	Federal Agency Coordination							\$0.00	
5.07	Quality Control Review							\$0.00	
5.08	Submittal							\$0.00	
5.09	Construction Documents (90%) Review Meeting							\$0.00	
5.10	Project Management							\$0.00	
5.11	Bid Reconciliation							\$0.00	
5.12	Permitting							\$0.00	
	<b>Task Total</b>	-	-	-	-	-	-	<b>\$0.00</b>	
<b>Task 6 Construction Documents (IFC)</b>									
6.01	Prior Phase Drawing/Comment Incorporation							\$0.00	
6.02	Construction Document (IFC) Preparation							\$0.00	
6.03	Cost Estimating Consultant/CMAR Estimating							\$0.00	
6.04	Design Coordination Meetings							\$0.00	
6.05	Quality Control Review							\$0.00	
6.06	Submittal							\$0.00	
6.07	Project Management							\$0.00	
	<b>Task Total</b>	-	-	-	-	-	-	<b>\$0.00</b>	
<b>Task 7 Construction Administration Services</b>									
7.01	Pre-Construction Conference							\$0.00	
7.02	RFI/Substitutions/Submittal Review							\$0.00	
7.03	Construction Meetings/Site Visits							\$0.00	
7.04	ASI's, RCO's, RFI's, & Clarifications							\$0.00	
7.05	Punchlist and Final Observation							\$0.00	
7.06	Project Management							\$0.00	
	<b>Task Total</b>	-	-	-	-	-	-	<b>\$0.00</b>	
<b>Task 8 Project Closeout</b>									
8.01	Record Documents							\$0.00	
8.02	Warranty Inspection							\$0.00	
8.03	Project Management and Discipline Coordination							\$0.00	
	<b>Task Total</b>	-	-	-	-	-	-	<b>\$0.00</b>	
<b>TOTAL FOR ALL TASKS</b>		-	88	352	454	454	1,348	<b>\$151,149.66</b>	

## PIE Passenger Terminal Improvements

ECHO UES, Inc.

		HOURS						HOURS	TOTAL COST (\$)
		Project Manager	Senior Surveyor (PSM)	Project Surveyor (PSM)	Survey/SUE/CADD Technician	SUE Designating/Locating Crew (2 Person)	Survey Crew (3 Person)		
Burdened hourly rate:		\$308.14	\$227.56	\$194.06	\$120.70	\$202.90	\$237.43		
<b>Task 1 Program Management</b>									
1.01	Overall Project Process Support and Coordination Schedule							-	\$0.00
1.02	Project Development Support - Escorting							-	\$0.00
	<b>Task Total</b>	-	-	-	-	-	-	-	\$0.00
<b>Task 2 Conceptual/Preliminary Design</b>									
2.01	Data Collection and Review of As-Built Conditions							-	\$0.00
2.02	Site Survey, Scanning and/or Testing	6	6	10	51	160	50	283	\$56,093.20
2.03	On-Site Walkthrough							-	\$0.00
2.04	Development of Existing Condition Revit Model							-	\$0.00
2.05	Master Plan Review							-	\$0.00
2.06	Terminal Planning - Program Validation							-	\$0.00
2.07	Assistance in CMAR Selection							-	\$0.00
2.08	Development of Conceptual Preliminary Concepts - Code Review							-	\$0.00
2.09	Concept Review Workshop							-	\$0.00
2.10	Concept Refinement							-	\$0.00
2.11	Phasing and Constructability							-	\$0.00
2.12	Cost Estimating							-	\$0.00
2.13	Refined Concept Review/Design Coordination Meetings							-	\$0.00
2.14	Conceptual Design Report Meeting Update							-	\$0.00
2.15	Quality Control Review							-	\$0.00
2.16	Submittal							-	\$0.00
2.17	Project Management							-	\$0.00
	<b>Task Total</b>	6	6	10	51	160	50	283	\$56,093.20
<b>Task 3 Schematic Design (30%)</b>									
3.01	Architectural Schematic Design							-	\$0.00
3.02	Interiors/FF&E Schematic Design							-	\$0.00
3.03	Terminal Simulation Modeling							-	\$0.00
3.04	Schematic Design Documents							-	\$0.00
3.05	Code and Permitting Research with AHJs							-	\$0.00
3.06	Cost Estimating Consultant/CMAR Estimating and VE							-	\$0.00
3.07	Design Coordination Meetings							-	\$0.00
3.08	Federal Agency Coordination							-	\$0.00
3.09	Quality Control Review							-	\$0.00
3.10	Submittal							-	\$0.00
3.11	Schematic Design Review Meeting							-	\$0.00
3.12	Project Management and Discipline Coordination							-	\$0.00
	<b>Task Total</b>	-	-	-	-	-	-	-	\$0.00
<b>Task 4 Design Development (60%)</b>									
4.01	Prior Phase Comment Incorporation							-	\$0.00
4.02	Design Development (60%)							-	\$0.00
4.03	Code and Permitting Coordination with AHJs							-	\$0.00
4.04	Cost Estimating Consultant/CMAR Estimating and VE							-	\$0.00
4.05	Design Coordination Meetings							-	\$0.00
4.06	Federal Agency Coordination							-	\$0.00
4.07	Quality Control Review							-	\$0.00
4.08	Submittal							-	\$0.00
4.09	Design Development Review Meeting							-	\$0.00
4.10	Project Management							-	\$0.00
4.11	Bidding							-	\$0.00
	<b>Task Total</b>	-	-	-	-	-	-	-	\$0.00
<b>Task 5 Construction Documents (90%)</b>									
5.01	Prior Phase Drawing/Comment Incorporation							-	\$0.00
5.02	Construction Documents (90%)							-	\$0.00
5.03	Code and Permitting Coordination with AHJs							-	\$0.00
5.04	Cost Estimating Consultant/CMAR Estimating and VE							-	\$0.00
5.05	Design Coordination Meetings							-	\$0.00
5.06	Federal Agency Coordination							-	\$0.00
5.07	Quality Control Review							-	\$0.00
5.08	Submittal							-	\$0.00
5.09	Construction Documents (90%) Review Meeting							-	\$0.00
5.10	Project Management							-	\$0.00
5.11	Bid Reconciliation							-	\$0.00
5.12	Permitting							-	\$0.00
	<b>Task Total</b>	-	-	-	-	-	-	-	\$0.00
<b>Task 6 Construction Documents (IFC)</b>									
6.01	Prior Phase Drawing/Comment Incorporation							-	\$0.00
6.02	Construction Document (IFC) Preparation							-	\$0.00
6.03	Cost Estimating Consultant/CMAR Estimating							-	\$0.00
6.04	Design Coordination Meetings							-	\$0.00
6.05	Quality Control Review							-	\$0.00
6.06	Submittal							-	\$0.00
6.07	Project Management							-	\$0.00
	<b>Task Total</b>	-	-	-	-	-	-	-	\$0.00
<b>Task 7 Construction Administration Services</b>									
7.01	Pre-Construction Conference							-	\$0.00
7.02	RFI/Substitutions/Submittal Review							-	\$0.00
7.03	Construction Meetings/Site Visits							-	\$0.00
7.04	ASI's, RCO's, RFI's, & Clarifications							-	\$0.00
7.05	Punchlist and Final Observation							-	\$0.00
7.06	Project Management							-	\$0.00
	<b>Task Total</b>	-	-	-	-	-	-	-	\$0.00
<b>Task 8 Project Closeout</b>									
8.01	Record Documents							-	\$0.00
8.02	Warranty Inspection							-	\$0.00
8.03	Project Management and Discipline Coordination							-	\$0.00
	<b>Task Total</b>	-	-	-	-	-	-	-	\$0.00
<b>TOTAL FOR ALL TASKS</b>		6	6	10	51	160	50	283	\$56,093.20

PIE Passenger Terminal Improvements

Tierra		HOURS								HOURS	TOTAL COST (\$)
		Project Manager	Principal Engineer	Sr. Environmental Specialist	Sr. Airfield/Civil Engineer	Airfield/Civil Engineer	Airfield/Civil Engineer Intern	Technician/D Designer	Administrative Assistant IV (O&S)		
Burdened hourly rate		\$231.06	\$290.96	\$185.68	\$181.32	\$148.44	\$127.79	\$141.63	\$105.03		
<b>Task 1 Program Management</b>											
1.01	Overall Project Process Support and Coordination Schedule									-	\$0.00
1.02	Project Development Support - Escorting									-	\$0.00
	<b>Task Total</b>	-	-	-	-	-	-	-	-	-	\$0.00
<b>Task 2 Conceptual/Preliminary Design</b>											
2.01	Data Collection and Review of As-Built Conditions									-	\$0.00
2.02	Site Survey, Scanning and/or Testing	8			10	20	24	16	2	80	\$12,173.58
2.03	On-Site Walkthrough									-	\$0.00
2.04	Development of Existing Condition Revit Model									-	\$0.00
2.05	Master Plan Review									-	\$0.00
2.06	Terminal Planning - Program Validation									-	\$0.00
2.07	Assistance in CMAR Selection									-	\$0.00
2.08	Development of Conceptual Preliminary Concepts - Code Review									-	\$0.00
2.09	Concept Review Workshop									-	\$0.00
2.10	Concept Refinement									-	\$0.00
2.11	Phasing and Constructability									-	\$0.00
2.12	Cost Estimating									-	\$0.00
2.13	Refined Concept Review/Design Coordination Meetings									-	\$0.00
2.14	Conceptual Design Report Meeting Update									-	\$0.00
2.15	Quality Control Review									-	\$0.00
2.16	Submittal									-	\$0.00
2.17	Project Management									-	\$0.00
	<b>Task Total</b>	8	-	-	10	20	24	16	2	80	\$12,173.58
<b>Task 3 Schematic Design (30%)</b>											
3.01	Architectural Schematic Design									-	\$0.00
3.02	Interiors/FF&E Schematic Design									-	\$0.00
3.03	Terminal Simulation Modeling									-	\$0.00
3.04	Schematic Design Documents									-	\$0.00
3.05	Code and Permitting Research with AHJs									-	\$0.00
3.06	Cost Estimating Consultant/CMAR Estimating and VE									-	\$0.00
3.07	Design Coordination Meetings									-	\$0.00
3.08	Federal Agency Coordination									-	\$0.00
3.09	Quality Control Review									-	\$0.00
3.10	Submittal									-	\$0.00
3.11	Schematic Design Review Meeting									-	\$0.00
3.12	Project Management and Discipline Coordination									-	\$0.00
	<b>Task Total</b>	-	-	-	-	-	-	-	-	-	\$0.00
<b>Task 4 Design Development (60%)</b>											
4.01	Prior Phase Comment Incorporation									-	\$0.00
4.02	Design Development (60%)									-	\$0.00
4.03	Code and Permitting Coordination with AHJs									-	\$0.00
4.04	Cost Estimating Consultant/CMAR Estimating and VE									-	\$0.00
4.05	Design Coordination Meetings									-	\$0.00
4.06	Federal Agency Coordination									-	\$0.00
4.07	Quality Control Review									-	\$0.00
4.08	Submittal									-	\$0.00
4.09	Design Development Review Meeting									-	\$0.00
4.10	Project Management									-	\$0.00
4.11	Bidding									-	\$0.00
	<b>Task Total</b>	-	-	-	-	-	-	-	-	-	\$0.00
<b>Task 5 Construction Documents (90%)</b>											
5.01	Prior Phase Drawing/Comment Incorporation									-	\$0.00
5.02	Construction Documents (90%)									-	\$0.00
5.03	Code and Permitting Coordination with AHJs									-	\$0.00
5.04	Cost Estimating Consultant/CMAR Estimating and VE									-	\$0.00
5.05	Design Coordination Meetings									-	\$0.00
5.06	Federal Agency Coordination									-	\$0.00
5.07	Quality Control Review									-	\$0.00
5.08	Submittal									-	\$0.00
5.09	Construction Documents (90%) Review Meeting									-	\$0.00
5.10	Project Management									-	\$0.00
5.11	Bid Reconciliation									-	\$0.00
5.12	Permitting									-	\$0.00
	<b>Task Total</b>	-	-	-	-	-	-	-	-	-	\$0.00
<b>Task 6 Construction Documents (IFC)</b>											
6.01	Prior Phase Drawing/Comment Incorporation									-	\$0.00
6.02	Construction Document (IFC) Preparation									-	\$0.00
6.03	Cost Estimating Consultant/CMAR Estimating									-	\$0.00
6.04	Design Coordination Meetings									-	\$0.00
6.05	Quality Control Review									-	\$0.00
6.06	Submittal									-	\$0.00
6.07	Project Management									-	\$0.00
	<b>Task Total</b>	-	-	-	-	-	-	-	-	-	\$0.00
<b>Task 7 Construction Administration Services</b>											
7.01	Pre-Construction Conference									-	\$0.00
7.02	RFI/Substitutions/Submittal Review									-	\$0.00
7.03	Construction Meetings/Site Visits									-	\$0.00
7.04	ASI's, RCO's, RFI's, & Clarifications									-	\$0.00
7.05	Punchlist and Final Observation									-	\$0.00
7.06	Project Management									-	\$0.00
	<b>Task Total</b>	-	-	-	-	-	-	-	-	-	\$0.00
<b>Task 8 Project Closeout</b>											
8.01	Record Documents									-	\$0.00
8.02	Warranty Inspection									-	\$0.00
8.03	Project Management and Discipline Coordination									-	\$0.00
	<b>Task Total</b>	-	-	-	-	-	-	-	-	-	\$0.00
<b>TOTAL FOR ALL TASKS</b>		8	-	-	10	20	24	16	2	80	\$12,173.58

PIE Passenger Terminal Improvements

AVANT ACOUSTICS (ACOUSTICS & PA)

		HOURS			HOURS	TOTAL COST (\$)
		Principal Consultant	Sr. Consultant	Consultant		
Burdened hourly rate		\$282.34	\$169.42	\$117.44		
<b>Task 1 Program Management</b>						
1.01	Overall Project Process Support and Coordination Schedule				-	\$0.00
1.02	Project Development Support - Escorting				-	\$0.00
<b>Task Total</b>		-	-	-	-	<b>\$0.00</b>
<b>Task 2 Conceptual/Preliminary Design</b>						
2.01	Data Collection and Review of As-Built Conditions	2	4		6	\$1,242.36
2.02	Site Survey, Scanning and/or Testing				-	\$0.00
2.03	On-Site Walkthrough	30	6		36	\$9,486.72
2.04	Development of Existing Condition Revit Model				-	\$0.00
2.05	Master Plan Review				-	\$0.00
2.06	Terminal Planning - Program Validation	1	2		3	\$621.18
2.07	Assistance in CMAR Selection				-	\$0.00
2.08	Development of Conceptual Preliminary Concepts - Code Review	1	2		3	\$621.18
2.09	Concept Review Workshop				-	\$0.00
2.10	Concept Refinement	3	26		29	\$5,251.94
2.11	Phasing and Constructability		1		1	\$169.42
2.12	Cost Estimating	1	2		3	\$621.18
2.13	Refined Concept Review/Design Coordination Meetings	2	2		4	\$903.52
2.14	Conceptual Design Report Meeting Update		1		1	\$169.42
2.15	Quality Control Review	1	2		3	\$621.18
2.16	Submittal	1	2		3	\$621.18
2.17	Project Management	1	2		3	\$621.18
<b>Task Total</b>		<b>43</b>	<b>52</b>	<b>-</b>	<b>95</b>	<b>\$20,950.46</b>
<b>Task 3 Schematic Design (30%)</b>						
3.01	Architectural Schematic Design		2		2	\$338.84
3.02	Interiors/FF&E Schematic Design		1		1	\$169.42
3.03	Terminal Simulation Modeling				-	\$0.00
3.04	Schematic Design Documents	4	11	8	23	\$3,932.50
3.05	Code and Permitting Research with AHJs	1			1	\$282.34
3.06	Cost Estimating Consultant/CMAR Estimating and VE	1	2		3	\$621.18
3.07	Design Coordination Meetings	2	6		8	\$1,581.20
3.08	Federal Agency Coordination		2		2	\$338.84
3.09	Quality Control Review	2	2		4	\$903.52
3.10	Submittal	1	3	1	5	\$908.04
3.11	Schematic Design Review Meeting	2	2		4	\$903.52
3.12	Project Management and Discipline Coordination	1	2		3	\$621.18
<b>Task Total</b>		<b>14</b>	<b>33</b>	<b>9</b>	<b>56</b>	<b>\$10,600.58</b>
<b>Task 4 Design Development (60%)</b>						
4.01	Prior Phase Comment Incorporation	1	2		3	\$621.18
4.02	Design Development (60%)	10	38	20	68	\$11,610.16
4.03	Code and Permitting Coordination with AHJs		2		2	\$338.84
4.04	Cost Estimating Consultant/CMAR Estimating and VE	1	2		3	\$621.18
4.05	Design Coordination Meetings	2	10		12	\$2,258.88
4.06	Federal Agency Coordination		2		2	\$338.84
4.07	Quality Control Review	2	4		6	\$1,242.36
4.08	Submittal	2	8	8	18	\$2,859.56
4.09	Design Development Review Meeting	2	2		4	\$903.52
4.10	Project Management	2	6		8	\$1,581.20
4.11	Bidding		2		2	\$338.84
<b>Task Total</b>		<b>22</b>	<b>78</b>	<b>28</b>	<b>128</b>	<b>\$22,714.56</b>
<b>Task 5 Construction Documents (90%)</b>						
5.01	Prior Phase Drawing/Comment Incorporation	1	2		3	\$621.18
5.02	Construction Documents (90%)	12	44	22	78	\$13,426.24
5.03	Code and Permitting Coordination with AHJs	1	1		2	\$451.76
5.04	Cost Estimating Consultant/CMAR Estimating and VE	1	2		3	\$621.18
5.05	Design Coordination Meetings	5	15		20	\$3,953.00
5.06	Federal Agency Coordination		2		2	\$338.84
5.07	Quality Control Review	2	4		6	\$1,242.36
5.08	Submittal	3	7	6	16	\$2,737.60
5.09	Construction Documents (90%) Review Meeting	2	2		4	\$903.52
5.10	Project Management	2	6		8	\$1,581.20
5.11	Bid Reconciliation	1	2		3	\$621.18
5.12	Permitting	1	1	1	3	\$569.20
<b>Task Total</b>		<b>31</b>	<b>88</b>	<b>29</b>	<b>148</b>	<b>\$27,067.26</b>
<b>Task 6 Construction Documents (IFC)</b>						
6.01	Prior Phase Drawing/Comment Incorporation	1	2	1	4	\$738.62
6.02	Construction Document (IFC) Preparation	8	26	12	46	\$8,072.92
6.03	Cost Estimating Consultant/CMAR Estimating		2		2	\$338.84
6.04	Design Coordination Meetings	2	6		8	\$1,581.20
6.05	Quality Control Review	2	4		6	\$1,242.36
6.06	Submittal	4	5	4	13	\$2,446.22
6.07	Project Management	2	4		6	\$1,242.36
<b>Task Total</b>		<b>19</b>	<b>49</b>	<b>17</b>	<b>85</b>	<b>\$15,662.52</b>
<b>Task 7 Construction Administration Services</b>						
7.01	Pre-Construction Conference				-	\$0.00
7.02	RFI/Substitutions/Submittal Review	4	10		14	\$2,823.56
7.03	Construction Meetings/Site Visits	6	124	124	254	\$37,264.68
7.04	ASI's, RCO's, RFI's, & Clarifications	1	2		3	\$621.18
7.05	Punchlist and Final Observation	2	26	1	29	\$5,087.04
7.06	Project Management	2	4		6	\$1,242.36
<b>Task Total</b>		<b>15</b>	<b>166</b>	<b>125</b>	<b>306</b>	<b>\$47,038.82</b>
<b>Task 8 Project Closeout</b>						
8.01	Record Documents	6	18	12	36	\$6,152.88
8.02	Warranty Inspection		1		1	\$169.42
8.03	Project Management and Discipline Coordination	2	2		4	\$903.52
<b>Task Total</b>		<b>8</b>	<b>21</b>	<b>12</b>	<b>41</b>	<b>\$7,225.82</b>
<b>TOTAL FOR ALL TASKS</b>		<b>152</b>	<b>487</b>	<b>220</b>	<b>859</b>	<b>\$151,260.02</b>

PIE Passenger Terminal Improvements

AERO Systems Engineering

		HOURS						HOURS	TOTAL COST (\$)
		Project Officer	Project Manager	Sr Electrical Engineer	Sr Mechanical Engineer	BIM Manager	Technician/D esigner		
Burdened hourly rate		\$334.34	\$280.12	\$218.81	\$218.81	\$165.25	\$147.65		
<b>Task 1 Program Management</b>									
1.01	Overall Project Process Support and Coordination Schedule	10	8	2	2	2		24	\$6,630.10
1.02	Project Development Support - Escorting							-	\$0.00
<b>Task Total</b>		<b>10</b>	<b>8</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>-</b>	<b>24</b>	<b>\$6,630.10</b>
<b>Task 2 Conceptual/Preliminary Design</b>									
2.01	Data Collection and Review of As-Built Conditions			8				8	\$1,750.48
2.02	Site Survey, Scanning and/or Testing							-	\$0.00
2.03	On-Site Walkthrough							-	\$0.00
2.04	Development of Existing Condition Revit Model							-	\$0.00
2.05	Master Plan Review							-	\$0.00
2.06	Terminal Planning - Program Validation							-	\$0.00
2.07	Assistance in CMAR Selection							-	\$0.00
2.08	Development of Conceptual Preliminary Concepts - Code Review	2	8	16	16	16		58	\$12,395.56
2.09	Concept Review Workshop							-	\$0.00
2.10	Concept Refinement	2	2	4	4			12	\$2,939.40
2.11	Phasing and Constructability							-	\$0.00
2.12	Cost Estimating		2					2	\$520.24
2.13	Refined Concept Review/Design Coordination Meetings		2					2	\$520.24
2.14	Conceptual Design Report Meeting Update							-	\$0.00
2.15	Quality Control Review	4	4	2	2	2		14	\$3,583.58
2.16	Submittal							-	\$0.00
2.17	Project Management	2						2	\$668.68
<b>Task Total</b>		<b>10</b>	<b>18</b>	<b>30</b>	<b>22</b>	<b>18</b>	<b>-</b>	<b>98</b>	<b>\$22,378.18</b>
<b>Task 3 Schematic Design (30%)</b>									
3.01	Architectural Schematic Design							-	\$0.00
3.02	Interiors/FF&E Schematic Design							-	\$0.00
3.03	Terminal Simulation Modeling							-	\$0.00
3.04	Schematic Design Documents	24	80	142	140	46	86	518	\$110,837.58
3.05	Code and Permitting Research with AHJs							-	\$0.00
3.06	Cost Estimating Consultant/CMAR Estimating and VE							-	\$0.00
3.07	Design Coordination Meetings		4					4	\$1,040.48
3.08	Federal Agency Coordination							-	\$0.00
3.09	Quality Control Review	8	8	8	8	8		40	\$9,578.64
3.10	Submittal		4				6	10	\$1,926.38
3.11	Schematic Design Review Meeting		4	4				8	\$1,915.72
3.12	Project Management and Discipline Coordination	8	16	8	8	8	8	56	\$12,840.80
<b>Task Total</b>		<b>40</b>	<b>116</b>	<b>162</b>	<b>156</b>	<b>62</b>	<b>100</b>	<b>636</b>	<b>\$138,139.60</b>
<b>Task 4 Design Development (60%)</b>									
4.01	Prior Phase Comment Incorporation	4	12	8	8	12	12	56	\$11,714.56
4.02	Design Development (60%)	28	80	112	96	60	134	510	\$105,383.70
4.03	Code and Permitting Coordination with AHJs							-	\$0.00
4.04	Cost Estimating Consultant/CMAR Estimating and VE	2	4	6				12	\$3,022.02
4.05	Design Coordination Meetings		4					4	\$1,040.48
4.06	Federal Agency Coordination							-	\$0.00
4.07	Quality Control Review	8	4	8	8	8		36	\$8,538.16
4.08	Submittal		4				4	8	\$1,631.08
4.09	Design Development Review Meeting		16	16				32	\$7,662.88
4.10	Project Management	4	16	8	4	4	4	40	\$9,376.60
4.11	Bidding		2				4	6	\$1,110.84
<b>Task Total</b>		<b>46</b>	<b>142</b>	<b>158</b>	<b>116</b>	<b>84</b>	<b>158</b>	<b>704</b>	<b>\$149,480.32</b>
<b>Task 5 Construction Documents (90%)</b>									
5.01	Prior Phase Drawing/Comment Incorporation	4	12	8	8	8	4	44	\$9,872.36
5.02	Construction Documents (90%)	26	74	116	96	44	180	536	\$108,177.44
5.03	Code and Permitting Coordination with AHJs							-	\$0.00
5.04	Cost Estimating Consultant/CMAR Estimating and VE	2	4	8				14	\$3,459.64
5.05	Design Coordination Meetings		4	2				6	\$1,478.10
5.06	Federal Agency Coordination							-	\$0.00
5.07	Quality Control Review	8	8	8	8	8		40	\$9,578.64
5.08	Submittal		4				4	8	\$1,631.08
5.09	Construction Documents (90%) Review Meeting		2	2				4	\$957.86
5.10	Project Management	4	12	2	2	2	2	24	\$5,959.84
5.11	Bid Reconciliation	4	4	12	12	4	2	38	\$8,585.58
5.12	Permitting							-	\$0.00
<b>Task Total</b>		<b>48</b>	<b>124</b>	<b>158</b>	<b>126</b>	<b>66</b>	<b>192</b>	<b>714</b>	<b>\$149,700.54</b>
<b>Task 6 Construction Documents (IFC)</b>									
6.01	Prior Phase Drawing/Comment Incorporation	4	16	16	16	8	8	68	\$15,004.40
6.02	Construction Document (IFC) Preparation	4	4	8	8	8	8	40	\$8,382.00
6.03	Cost Estimating Consultant/CMAR Estimating							-	\$0.00
6.04	Design Coordination Meetings		2					2	\$520.24
6.05	Quality Control Review	4	16	8	8			36	\$9,000.24
6.06	Submittal	4	8	8	8	8	8	44	\$9,422.48
6.07	Project Management	2	2					4	\$1,188.92
<b>Task Total</b>		<b>18</b>	<b>48</b>	<b>40</b>	<b>40</b>	<b>24</b>	<b>24</b>	<b>194</b>	<b>\$43,518.28</b>
<b>Task 7 Construction Administration Services</b>									
7.01	Pre-Construction Conference		2	2	2			6	\$1,395.48
7.02	RFI/Substitutions/Submittal Review	6	6	8	8	4	4	36	\$8,319.32
7.03	Construction Meetings/Site Visits	4	16	60	16	8	8	112	\$24,632.04
7.04	ASIs, RCO's, RFI's, & Clarifications	2	4	12	12	8	12	50	\$10,054.40
7.05	Punchlist and Final Observation	4	16	40	8			68	\$16,002.16
7.06	Project Management	4	38	22	22	24	24	134	\$28,359.16
<b>Task Total</b>		<b>20</b>	<b>82</b>	<b>144</b>	<b>68</b>	<b>44</b>	<b>48</b>	<b>406</b>	<b>\$88,762.56</b>
<b>Task 8 Project Closeout</b>									
8.01	Record Documents	8	12	8	8	8	8	52	\$11,800.32
8.02	Warranty Inspection							-	\$0.00
8.03	Project Management and Discipline Coordination	4	12	8	8	8	8	48	\$10,462.96
<b>Task Total</b>		<b>12</b>	<b>24</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>100</b>	<b>\$22,263.28</b>
<b>TOTAL FOR ALL TASKS</b>		<b>204</b>	<b>562</b>	<b>710</b>	<b>546</b>	<b>316</b>	<b>538</b>	<b>2,876</b>	<b>\$620,872.86</b>

PIE Passenger Terminal Improvements

Lerch Bates

		HOURS				HOURS	TOTAL COST (\$)
		Project Manager Principal Consultant	BIM Manager CAD Design	Project Officer QA/QC	Admin Assistant		
Burdened hourly rate		\$185.87	\$139.08	\$335.27	\$97.80		
<b>Task 1 Program Management</b>							
1.01	Overall Project Process Support and Coordination Schedule					-	\$0.00
1.02	Project Development Support - Escorting					-	\$0.00
	<b>Task Total</b>	-	-	-	-	-	<b>\$0.00</b>
<b>Task 2 Conceptual/Preliminary Design</b>							
2.01	Data Collection and Review of As-Built Conditions					-	\$0.00
2.02	Site Survey, Scanning and/or Testing					-	\$0.00
2.03	On-Site Walkthrough					-	\$0.00
2.04	Development of Existing Condition Revit Model					-	\$0.00
2.05	Master Plan Review					-	\$0.00
2.06	Terminal Planning - Program Validation					-	\$0.00
2.07	Assistance in CMAR Selection					-	\$0.00
2.08	Development of Conceptual Preliminary Concepts - Code Review					-	\$0.00
2.09	Concept Review Workshop					-	\$0.00
2.10	Concept Refinement					-	\$0.00
2.11	Phasing and Constructability					-	\$0.00
2.12	Cost Estimating					-	\$0.00
2.13	Refined Concept Review/Design Coordination Meetings	8				8	\$1,486.96
2.14	Conceptual Design Report Meeting Update	8				8	\$1,486.96
2.15	Quality Control Review					-	\$0.00
2.16	Submittal	12				12	\$2,230.44
2.17	Project Management	16				4	\$3,365.12
	<b>Task Total</b>	<b>44</b>	-	-	-	<b>4</b>	<b>\$8,569.48</b>
<b>Task 3 Schematic Design (30%)</b>							
3.01	Architectural Schematic Design					-	\$0.00
3.02	Interiors/FF&E Schematic Design					-	\$0.00
3.03	Terminal Simulation Modeling		16			16	\$2,225.28
3.04	Schematic Design Documents					-	\$0.00
3.05	Code and Permitting Research with AHJs	2				2	\$371.74
3.06	Cost Estimating Consultant/CMAR Estimating and VE	4				4	\$743.48
3.07	Design Coordination Meetings	10				10	\$1,858.70
3.08	Federal Agency Coordination					-	\$0.00
3.09	Quality Control Review					-	\$0.00
3.10	Submittal	16				16	\$2,973.92
3.11	Schematic Design Review Meeting	10				10	\$1,858.70
3.12	Project Management and Discipline Coordination	24				4	\$4,852.08
	<b>Task Total</b>	<b>66</b>	<b>16</b>	-	-	<b>4</b>	<b>\$14,883.90</b>
<b>Task 4 Design Development (60%)</b>							
4.01	Prior Phase Comment Incorporation	4				4	\$743.48
4.02	Design Development (60%)		16			16	\$2,225.28
4.03	Code and Permitting Coordination with AHJs					-	\$0.00
4.04	Cost Estimating Consultant/CMAR Estimating and VE	2				2	\$371.74
4.05	Design Coordination Meetings	16				16	\$2,973.92
4.06	Federal Agency Coordination					-	\$0.00
4.07	Quality Control Review					-	\$0.00
4.08	Submittal	12				12	\$2,230.44
4.09	Design Development Review Meeting	5				5	\$929.35
4.10	Project Management	24				4	\$4,852.08
4.11	Bidding	8				8	\$1,486.96
	<b>Task Total</b>	<b>71</b>	<b>16</b>	-	-	<b>4</b>	<b>\$15,813.25</b>
<b>Task 5 Construction Documents (90%)</b>							
5.01	Prior Phase Drawing/Comment Incorporation	4				4	\$743.48
5.02	Construction Documents (90%)		16			16	\$2,225.28
5.03	Code and Permitting Coordination with AHJs					-	\$0.00
5.04	Cost Estimating Consultant/CMAR Estimating and VE					-	\$0.00
5.05	Design Coordination Meetings	16				16	\$2,973.92
5.06	Federal Agency Coordination					-	\$0.00
5.07	Quality Control Review					-	\$0.00
5.08	Submittal	12				12	\$2,230.44
5.09	Construction Documents (90%) Review Meeting	10				10	\$1,858.70
5.10	Project Management	16				4	\$3,365.12
5.11	Bid Reconciliation	6				6	\$1,115.22
5.12	Permitting					-	\$0.00
	<b>Task Total</b>	<b>64</b>	<b>16</b>	-	-	<b>4</b>	<b>\$14,512.16</b>
<b>Task 6 Construction Documents (IFC)</b>							
6.01	Prior Phase Drawing/Comment Incorporation					-	\$0.00
6.02	Construction Document (IFC) Preparation					-	\$0.00
6.03	Cost Estimating Consultant/CMAR Estimating					-	\$0.00
6.04	Design Coordination Meetings	16				16	\$2,973.92
6.05	Quality Control Review					-	\$0.00
6.06	Submittal					-	\$0.00
6.07	Project Management	8				4	\$1,878.16
	<b>Task Total</b>	<b>24</b>	-	-	-	<b>4</b>	<b>\$4,852.08</b>
<b>Task 7 Construction Administration Services</b>							
7.01	Pre-Construction Conference			8		8	\$2,682.16
7.02	RFI/Substitutions/Submittal Review	10				10	\$1,858.70
7.03	Construction Meetings/Site Visits			36		36	\$12,069.72
7.04	ASI's, RCO's, RFI's, & Clarifications	12				12	\$2,230.44
7.05	Punchlist and Final Observation			64		64	\$21,457.28
7.06	Project Management	10		10		4	\$5,602.60
	<b>Task Total</b>	<b>32</b>	-	<b>118</b>	-	<b>4</b>	<b>\$45,900.90</b>
<b>Task 8 Project Closeout</b>							
8.01	Record Documents	8				8	\$1,486.96
8.02	Warranty Inspection			16		16	\$5,364.32
8.03	Project Management and Discipline Coordination	20				20	\$3,717.40
	<b>Task Total</b>	<b>28</b>	-	<b>16</b>	-	<b>44</b>	<b>\$10,568.68</b>
<b>TOTAL FOR ALL TASKS</b>		<b>329</b>	<b>48</b>	<b>134</b>	<b>24</b>	<b>535</b>	<b>\$115,100.45</b>

## PIE Passenger Terminal Improvements

## Digital Building Services, LLC

		HOURS				HOURS	TOTAL COST (\$)
		Project Manager	Principal Engineer / Architect	BIM Manager	Technician / Designer		
Burdened hourly rate		\$96.40	\$152.77	\$140.77	\$85.93		
<b>Task 1 Program Management</b>							
1.01	Overall Project Process Support and Coordination Schedule					-	\$0.00
1.02	Project Development Support - Escorting					-	\$0.00
	<b>Task Total</b>	-	-	-	-	-	<b>\$0.00</b>
<b>Task 2 Conceptual/Preliminary Design</b>							
2.01	Data Collection and Review of As-Built Conditions					-	\$0.00
2.02	Site Survey, Scanning and/or Testing	400	180	80	1,186	1,846	\$179,233.18
2.03	On-Site Walkthrough					-	\$0.00
2.04	Development of Existing Condition Revit Model					-	\$0.00
2.05	Master Plan Review					-	\$0.00
2.06	Terminal Planning - Program Validation					-	\$0.00
2.07	Assistance in CMAR Selection					-	\$0.00
2.08	Development of Conceptual Preliminary Concepts - Code Review					-	\$0.00
2.09	Concept Review Workshop					-	\$0.00
2.10	Concept Refinement					-	\$0.00
2.11	Phasing and Constructability					-	\$0.00
2.12	Cost Estimating					-	\$0.00
2.13	Refined Concept Review/Design Coordination Meetings					-	\$0.00
2.14	Conceptual Design Report Meeting Update					-	\$0.00
2.15	Quality Control Review					-	\$0.00
2.16	Submittal					-	\$0.00
2.17	Project Management					-	\$0.00
	<b>Task Total</b>	<b>400</b>	<b>180</b>	<b>80</b>	<b>1,186</b>	<b>1,846</b>	<b>\$179,233.18</b>
<b>Task 3 Schematic Design (30%)</b>							
3.01	Architectural Schematic Design					-	\$0.00
3.02	Interiors/FF&E Schematic Design					-	\$0.00
3.03	Terminal Simulation Modeling					-	\$0.00
3.04	Schematic Design Documents					-	\$0.00
3.05	Code and Permitting Research with AHJs					-	\$0.00
3.06	Cost Estimating Consultant/CMAR Estimating and VE					-	\$0.00
3.07	Design Coordination Meetings					-	\$0.00
3.08	Federal Agency Coordination					-	\$0.00
3.09	Quality Control Review					-	\$0.00
3.10	Submittal					-	\$0.00
3.11	Schematic Design Review Meeting					-	\$0.00
3.12	Project Management and Discipline Coordination					-	\$0.00
	<b>Task Total</b>	-	-	-	-	-	<b>\$0.00</b>
<b>Task 4 Design Development (60%)</b>							
4.01	Prior Phase Comment Incorporation					-	\$0.00
4.02	Design Development (60%)					-	\$0.00
4.03	Code and Permitting Coordination with AHJs					-	\$0.00
4.04	Cost Estimating Consultant/CMAR Estimating and VE					-	\$0.00
4.05	Design Coordination Meetings					-	\$0.00
4.06	Federal Agency Coordination					-	\$0.00
4.07	Quality Control Review					-	\$0.00
4.08	Submittal					-	\$0.00
4.09	Design Development Review Meeting					-	\$0.00
4.10	Project Management					-	\$0.00
4.11	Bidding					-	\$0.00
	<b>Task Total</b>	-	-	-	-	-	<b>\$0.00</b>
<b>Task 5 Construction Documents (90%)</b>							
5.01	Prior Phase Drawing/Comment Incorporation					-	\$0.00
5.02	Construction Documents (90%)					-	\$0.00
5.03	Code and Permitting Coordination with AHJs					-	\$0.00
5.04	Cost Estimating Consultant/CMAR Estimating and VE					-	\$0.00
5.05	Design Coordination Meetings					-	\$0.00
5.06	Federal Agency Coordination					-	\$0.00
5.07	Quality Control Review					-	\$0.00
5.08	Submittal					-	\$0.00
5.09	Construction Documents (90%) Review Meeting					-	\$0.00
5.10	Project Management					-	\$0.00
5.11	Bid Reconciliation					-	\$0.00
5.12	Permitting					-	\$0.00
	<b>Task Total</b>	-	-	-	-	-	<b>\$0.00</b>
<b>Task 6 Construction Documents (IFC)</b>							
6.01	Prior Phase Drawing/Comment Incorporation					-	\$0.00
6.02	Construction Document (IFC) Preparation					-	\$0.00
6.03	Cost Estimating Consultant/CMAR Estimating					-	\$0.00
6.04	Design Coordination Meetings					-	\$0.00
6.05	Quality Control Review					-	\$0.00
6.06	Submittal					-	\$0.00
6.07	Project Management					-	\$0.00
	<b>Task Total</b>	-	-	-	-	-	<b>\$0.00</b>
<b>Task 7 Construction Administration Services</b>							
7.01	Pre-Construction Conference					-	\$0.00
7.02	RFI/Substitutions/Submittal Review					-	\$0.00
7.03	Construction Meetings/Site Visits					-	\$0.00
7.04	ASI's, RCO's, RFI's, & Clarifications					-	\$0.00
7.05	Punchlist and Final Observation					-	\$0.00
7.06	Project Management					-	\$0.00
	<b>Task Total</b>	-	-	-	-	-	<b>\$0.00</b>
<b>Task 8 Project Closeout</b>							
8.01	Record Documents					-	\$0.00
8.02	Warranty Inspection					-	\$0.00
8.03	Project Management and Discipline Coordination					-	\$0.00
	<b>Task Total</b>	-	-	-	-	-	<b>\$0.00</b>
<b>TOTAL FOR ALL TASKS</b>		<b>400</b>	<b>180</b>	<b>80</b>	<b>1,186</b>	<b>1,846</b>	<b>\$179,233.18</b>



PIE Passenger Terminal Improvements

OHC Environmental Engineering Inc.

		HOURS						HOURS	TOTAL COST (\$)
		Project Officer	Project Manager	Principle Engineer/ Architect	Sr. Environment al Specialist	Certified Industrial Hygienist	Industrial Hygienist		
		\$248.25	\$130.49	\$232.34	\$222.79	\$232.34	\$85.93	\$92.30	
<b>Task 1</b>		<b>Program Management</b>							
1.01	Overall Project Process Support and Coordination Schedule								\$0.00
1.02	Project Development Support - Escorting								\$0.00
<b>Task Total</b>		-	-	-	-	-	-	-	<b>\$0.00</b>
<b>Task 2</b>		<b>Conceptual/Preliminary Design</b>							
2.01	Data Collection and Review of As-Built Conditions	10		10		20	150	20	\$24,188.20
2.02	Site Survey, Scanning and/or Testing								\$0.00
2.03	On-Site Walkthrough								\$0.00
2.04	Development of Existing Condition Revit Model								\$0.00
2.05	Master Plan Review								\$0.00
2.06	Terminal Planning - Program Validation								\$0.00
2.07	Assistance in CMAR Selection								\$0.00
2.08	Development of Conceptual Preliminary Concepts - Code Review								\$0.00
2.09	Concept Review Workshop								\$0.00
2.10	Concept Refinement								\$0.00
2.11	Phasing and Constructability								\$0.00
2.12	Cost Estimating								\$0.00
2.13	Refined Concept Review/Design Coordination Meetings								\$0.00
2.14	Conceptual Design Report Meeting Update								\$0.00
2.15	Quality Control Review								\$0.00
2.16	Submittal								\$0.00
2.17	Project Management		25					25	\$3,262.25
<b>Task Total</b>		<b>10</b>	<b>25</b>	<b>10</b>	<b>-</b>	<b>20</b>	<b>150</b>	<b>20</b>	<b>\$27,450.45</b>
<b>Task 3</b>		<b>Schematic Design (30%)</b>							
3.01	Architectural Schematic Design	5		40	15	25	10	95	\$20,544.50
3.02	Interiors/FF&E Schematic Design								\$0.00
3.03	Terminal Simulation Modeling								\$0.00
3.04	Schematic Design Documents								\$0.00
3.05	Code and Permitting Research with AHJs								\$0.00
3.06	Cost Estimating Consultant/CMAR Estimating and VE								\$0.00
3.07	Design Coordination Meetings								\$0.00
3.08	Federal Agency Coordination								\$0.00
3.09	Quality Control Review								\$0.00
3.10	Submittal								\$0.00
3.11	Schematic Design Review Meeting								\$0.00
3.12	Project Management and Discipline Coordination		20					20	\$2,609.80
<b>Task Total</b>		<b>5</b>	<b>20</b>	<b>40</b>	<b>15</b>	<b>25</b>	<b>10</b>	<b>-</b>	<b>\$23,154.30</b>
<b>Task 4</b>		<b>Design Development (60%)</b>							
4.01	Prior Phase Comment Incorporation			5				5	\$1,161.70
4.02	Design Development (60%)		5	20		10		35	\$7,622.65
4.03	Code and Permitting Coordination with AHJs								\$0.00
4.04	Cost Estimating Consultant/CMAR Estimating and VE		5	10				15	\$2,975.85
4.05	Design Coordination Meetings								\$0.00
4.06	Federal Agency Coordination								\$0.00
4.07	Quality Control Review								\$0.00
4.08	Submittal								\$0.00
4.09	Design Development Review Meeting					10		10	\$2,323.40
4.10	Project Management		20					20	\$2,609.80
4.11	Bidding								\$0.00
<b>Task Total</b>		<b>-</b>	<b>30</b>	<b>35</b>	<b>-</b>	<b>20</b>	<b>-</b>	<b>85</b>	<b>\$16,693.40</b>
<b>Task 5</b>		<b>Construction Documents (90%)</b>							
5.01	Prior Phase Drawing/Comment Incorporation			5				5	\$1,161.70
5.02	Construction Documents (90%)		5	15				20	\$4,137.55
5.03	Code and Permitting Coordination with AHJs								\$0.00
5.04	Cost Estimating Consultant/CMAR Estimating and VE								\$0.00
5.05	Design Coordination Meetings								\$0.00
5.06	Federal Agency Coordination								\$0.00
5.07	Quality Control Review								\$0.00
5.08	Submittal								\$0.00
5.09	Construction Documents (90%) Review Meeting								\$0.00
5.10	Project Management		5					5	\$652.45
5.11	Bid Reconciliation								\$0.00
5.12	Permitting								\$0.00
<b>Task Total</b>		<b>-</b>	<b>10</b>	<b>20</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>30</b>	<b>\$5,951.70</b>
<b>Task 6</b>		<b>Construction Documents (IFC)</b>							
6.01	Prior Phase Drawing/Comment Incorporation								\$0.00
6.02	Construction Document (IFC) Preparation		5	10				15	\$2,975.85
6.03	Cost Estimating Consultant/CMAR Estimating								\$0.00
6.04	Design Coordination Meetings			10				10	\$2,323.40
6.05	Quality Control Review								\$0.00
6.06	Submittal								\$0.00
6.07	Project Management		5					5	\$652.45
<b>Task Total</b>		<b>-</b>	<b>10</b>	<b>20</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>30</b>	<b>\$5,951.70</b>
<b>Task 7</b>		<b>Construction Administration Services</b>							
7.01	Pre-Construction Conference		5	10				15	\$2,975.85
7.02	RFI/Substitutions/Submittal Review					10		10	\$2,323.40
7.03	Construction Meetings/Site Visits								\$0.00
7.04	ASI's, RCO's, RFI's, & Clarifications								\$0.00
7.05	Punchlist and Final Observation								\$0.00
7.06	Project Management								\$0.00
<b>Task Total</b>		<b>-</b>	<b>5</b>	<b>10</b>	<b>-</b>	<b>10</b>	<b>-</b>	<b>25</b>	<b>\$5,299.25</b>
<b>Task 8</b>		<b>Project Closeout</b>							
8.01	Record Documents								\$0.00
8.02	Warranty Inspection								\$0.00
8.03	Project Management and Discipline Coordination		5			10		15	\$2,975.85
<b>Task Total</b>		<b>-</b>	<b>5</b>	<b>-</b>	<b>-</b>	<b>10</b>	<b>-</b>	<b>15</b>	<b>\$2,975.85</b>
<b>TOTAL FOR ALL TASKS</b>		<b>15</b>	<b>105</b>	<b>135</b>	<b>15</b>	<b>85</b>	<b>160</b>	<b>20</b>	<b>\$87,476.65</b>

## PIE Passenger Terminal Improvements

Remember PIE does not allow reimbursement for local offices/Staff

C&S EXPENSES										
TRAVEL										
Task				Airfare	Car	Lodging	Per Diem	Pkg		
	# Trips	# People	# Days	\$800	\$85	\$175	\$69	\$80		
1.02	Project Development Support - Escorting	1	1	10	\$800	\$850	\$1,575	\$690	\$0	\$3,915
2.02	Site Survey, Scanning and/or Testing				\$0	\$0	\$0	\$0	\$0	\$0
2.03	On-Site Walkthrough	1	2	2	\$1,600	\$170	\$350	\$276	\$0	\$2,396
2.07	Assistance in CMAR Selection				\$0	\$0	\$0	\$0	\$0	\$0
2.09	Concept Review Workshop	1	2	2	\$1,600	\$170	\$350	\$276	\$0	\$2,396
2.12	Cost Estimating				\$0	\$0	\$0	\$0	\$0	\$0
2.13	Refined Concept Review/Design Coordination Meetings									
	Workshop	1	2	2	\$1,600	\$170	\$350	\$276	\$0	\$2,396
	Bi-Weekly	1	1	2	\$800	\$170	\$175	\$138	\$0	\$1,283
2.14	Conceptual Design Report Meeting Update	1	1	2	\$800	\$170	\$175	\$138	\$0	\$1,283
3.04	Schematic Design Documents	2	3	12	\$4,800	\$2,040	\$11,550	\$4,968	\$0	\$23,358
3.05	Code and Permitting Research with AHJs				\$0	\$0	\$0	\$0	\$0	\$0
3.06	Cost Estimating Consultant/CMAR Estimating and VE	1	2	2	\$1,600	\$170	\$350	\$276	\$0	\$2,396
3.07	Design Coordination Meetings									
	Design Review Meetings	2	2	2	\$3,200	\$340	\$700	\$552	\$0	\$4,792
	Bi-Weekly				\$0	\$0	\$0	\$0	\$0	\$0
3.08	Federal Agency Coordination				\$0	\$0	\$0	\$0	\$0	\$0
3.11	Schematic Design Review Meeting	1	2	2	\$1,600	\$170	\$350	\$276	\$0	\$2,396
4.03	Code and Permitting Coordination with AHJs				\$0	\$0	\$0	\$0	\$0	\$0
4.04	Cost Estimating Consultant/CMAR Estimating and VE				\$0	\$0	\$0	\$0	\$0	\$0
4.05	Design Coordination Meetings									
	Design Review Meetings	2	2	2	\$3,200	\$340	\$700	\$552	\$0	\$4,792
	Bi-Weekly				\$0	\$0	\$0	\$0	\$0	\$0
4.09	Design Development Review Meeting	1	2	2	\$1,600	\$170	\$350	\$276	\$0	\$2,396
4.11	Bidding				\$0	\$0	\$0	\$0	\$0	\$0
5.03	Code and Permitting Coordination with AHJs				\$0	\$0	\$0	\$0	\$0	\$0
5.04	Cost Estimating Consultant/CMAR Estimating and VE				\$0	\$0	\$0	\$0	\$0	\$0
5.05	Design Coordination Meetings									
	Design Review Meetings	2	2	2	\$3,200	\$340	\$700	\$552	\$0	\$4,792
	Bi-Weekly				\$0	\$0	\$0	\$0	\$0	\$0
5.09	Construction Documents (90%) Review Meeting	1	2	2	\$1,600	\$170	\$350	\$276	\$0	\$2,396
6.03	Cost Estimating Consultant/CMAR Estimating				\$0	\$0	\$0	\$0	\$0	\$0
6.04	Design Coordination Meetings									
	Bi-Weekly				\$0	\$0	\$0	\$0	\$0	\$0
<b>DESIGN TRAVEL</b>										<b>\$60,987</b>
7.01	Pre-Construction Conference				\$0	\$0	\$0	\$0	\$0	\$0
7.03	Construction Meetings/Site Visits	12	3	2	\$28,800	\$2,040	\$6,300	\$4,968	\$5,760	\$47,868
7.05	Punchlist and Final Observation	1	3	2	\$2,400	\$170	\$525	\$414	\$480	\$3,989
8.02	Warranty Inspection				\$0	\$0	\$0	\$0	\$0	\$0
<b>CONSTRUCTION ADMINISTRATION TRAVEL</b>										<b>\$51,857</b>
<b>OTHER EXPENSES</b>										
	Reprographics									\$0
	Badging				\$1,200					\$1,200
	Permit Review Expenses									\$0
<b>SUBTOTAL OTHER EXPENSES</b>										<b>\$1,200</b>
<b>TOTAL EXPENSES</b>										<b>\$114,044</b>

## PIE Passenger Terminal Improvements

Remember PIE does not allow reimbursement for local offices/Staff

GENSLER EXPENSES										
TRAVEL										
Task				Airfare	Car	Lodging	Per Diem	Pkg		
	# Trips	# People	# Days	\$750	\$100	\$325	\$70	\$20		
1.02	Project Development Support - Escorting			\$0	\$0	\$0	\$0	\$0		\$0
2.02	Site Survey, Scanning and/or Testing			\$0	\$0	\$0	\$0	\$0		\$0
2.03	On-Site Walkthrough	1	3	2	\$2,250	\$200	\$975	\$420	\$120	\$3,965
2.07	Assistance in CMAR Selection	1	2	2	\$1,500	\$200	\$650	\$280	\$80	\$2,710
2.09	Concept Review Workshop	1	3	3	\$2,250	\$300	\$1,950	\$630	\$180	\$5,310
2.12	Cost Estimating				\$0	\$0	\$0	\$0	\$0	\$0
2.13	Refined Concept Review/Design Coordination Meetings									
	Workshop	1	3	2	\$2,250	\$200	\$975	\$420	\$120	\$3,965
	Bi-Weekly	-			\$0	\$0	\$0	\$0	\$0	\$0
2.14	Conceptual Design Report Meeting Update	1	2	2	\$1,500	\$200	\$650	\$280	\$80	\$2,710
3.04	Schematic Design Documents	2	3	3	\$4,500	\$600	\$3,900	\$1,260	\$360	\$10,620
3.05	Code and Permitting Research with AHJs				\$0	\$0	\$0	\$0	\$0	\$0
3.06	Cost Estimating Consultant/CMAR Estimating and VE	1	1	2	\$750	\$200	\$325	\$140	\$40	\$1,455
3.07	Design Coordination Meetings									
	Design Review Meetings	1	3	4	\$2,250	\$400	\$2,925	\$840	\$240	\$6,655
	Bi-Weekly				\$0	\$0	\$0	\$0	\$0	\$0
3.08	Federal Agency Coordination				\$0	\$0	\$0	\$0	\$0	\$0
3.11	Schematic Design Review Meeting	1	2	2	\$1,500	\$200	\$650	\$280	\$80	\$2,710
4.03	Code and Permitting Coordination with AHJs				\$0	\$0	\$0	\$0	\$0	\$0
4.04	Cost Estimating Consultant/CMAR Estimating and VE				\$0	\$0	\$0	\$0	\$0	\$0
4.05	Design Coordination Meetings									
	Design Review Meetings	2	3	4	\$4,500	\$800	\$5,850	\$1,680	\$480	\$13,310
	Bi-Weekly				\$0	\$0	\$0	\$0	\$0	\$0
4.09	Design Development Review Meeting	1	2	2	\$1,500	\$200	\$650	\$280	\$80	\$2,710
4.11	Bidding				\$0	\$0	\$0	\$0	\$0	\$0
5.03	Code and Permitting Coordination with AHJs				\$0	\$0	\$0	\$0	\$0	\$0
5.04	Cost Estimating Consultant/CMAR Estimating and VE	1	1	2	\$750	\$200	\$325	\$140	\$40	\$1,455
5.05	Design Coordination Meetings									
	Design Review Meetings	2	3	3	\$4,500	\$600	\$3,900	\$1,260	\$360	\$10,620
	Bi-Weekly				\$0	\$0	\$0	\$0	\$0	\$0
5.09	Construction Documents (90%) Review Meeting	1	3	2	\$2,250	\$200	\$975	\$420	\$120	\$3,965
6.03	Cost Estimating Consultant/CMAR Estimating				\$0	\$0	\$0	\$0	\$0	\$0
6.04	Design Coordination Meetings									
	Bi-Weekly				\$0	\$0	\$0	\$0	\$0	\$0
<b>DESIGN TRAVEL</b>										<b>\$72,160</b>
7.01	Pre-Construction Conference	1	1	2	\$750	\$200	\$325	\$140	\$40	\$1,455
7.03	Construction Meetings/Site Visits	10	2	2	\$15,000	\$2,000	\$6,500	\$2,800	\$800	\$27,100
7.05	Punchlist and Final Observation	1	2	2	\$1,500	\$200	\$650	\$280	\$80	\$2,710
8.02	Warranty Inspection	1	2	2	\$1,500	\$200	\$650	\$280	\$80	\$2,710
<b>CONSTRUCTION ADMINISTRATION TRAVEL</b>										<b>\$33,975</b>
<b>OTHER EXPENSES</b>										
	Badging				\$700					\$700
	Permit Review Expenses				\$0					\$0
<b>SUBTOTAL OTHER EXPENSES</b>										<b>\$700</b>
<b>TOTAL EXPENSES</b>										<b>\$106,835</b>

## PIE Passenger Terminal Improvements

Remember PIE does not allow reimbursement for local offices/Staff

### CONNICO EXPENSES

TRAVEL										
Task				Airfare	Car	Lodging	Per Diem	Pkg		
	# Trips	# People	# Days	\$950	\$115	\$384	\$69	\$25		
1.02				\$0	\$0	\$0	\$0	\$0		\$0
2.02				\$0	\$0	\$0	\$0	\$0		\$0
2.03				\$0	\$0	\$0	\$0	\$0		\$0
2.07				\$0	\$0	\$0	\$0	\$0		\$0
2.09				\$0	\$0	\$0	\$0	\$0		\$0
2.12	1	1	2	\$950	\$230	\$384	\$138	\$50		\$1,752
2.13										
				\$0	\$0	\$0	\$0	\$0		\$0
				\$0	\$0	\$0	\$0	\$0		\$0
2.14				\$0	\$0	\$0	\$0	\$0		\$0
3.04				\$0	\$0	\$0	\$0	\$0		\$0
3.05				\$0	\$0	\$0	\$0	\$0		\$0
3.06	1	1	2	\$950	\$230	\$384	\$138	\$50		\$1,752
3.07										
				\$0	\$0	\$0	\$0	\$0		\$0
				\$0	\$0	\$0	\$0	\$0		\$0
3.08				\$0	\$0	\$0	\$0	\$0		\$0
3.11				\$0	\$0	\$0	\$0	\$0		\$0
4.03				\$0	\$0	\$0	\$0	\$0		\$0
4.04				\$0	\$0	\$0	\$0	\$0		\$0
4.05										
				\$0	\$0	\$0	\$0	\$0		\$0
				\$0	\$0	\$0	\$0	\$0		\$0
4.09				\$0	\$0	\$0	\$0	\$0		\$0
4.11				\$0	\$0	\$0	\$0	\$0		\$0
5.03				\$0	\$0	\$0	\$0	\$0		\$0
5.04				\$0	\$0	\$0	\$0	\$0		\$0
5.05										
				\$0	\$0	\$0	\$0	\$0		\$0
				\$0	\$0	\$0	\$0	\$0		\$0
5.09				\$0	\$0	\$0	\$0	\$0		\$0
6.03				\$0	\$0	\$0	\$0	\$0		\$0
6.04										
				\$0	\$0	\$0	\$0	\$0		\$0
<b>DESIGN TRAVEL</b>										<b>\$3,504</b>
7.01				\$0	\$0	\$0	\$0	\$0		\$0
7.03				\$0	\$0	\$0	\$0	\$0		\$0
7.05				\$0	\$0	\$0	\$0	\$0		\$0
8.02				\$0	\$0	\$0	\$0	\$0		\$0
<b>CONSTRUCTION ADMINISTRATION TRAVEL</b>										<b>\$0</b>
<b>OTHER EXPENSES</b>										
										\$0
										\$0
										\$0
<b>SUBTOTAL OTHER EXPENSES</b>										<b>\$0</b>
<b>TOTAL EXPENSES</b>										<b>\$3,504</b>

## PIE Passenger Terminal Improvements

Remember PIE does not allow reimbursement for local offices/Staff

VTC EXPENSES										
TRAVEL										
Task		# Trips	# People	# Days	Airfare	Car	Lodging	Per Diem	Pkg	
					\$642	\$133	\$216	\$74		
1.02	Project Development Support - Escorting				\$0	\$0	\$0	\$0	\$0	\$0
2.02	Site Survey, Scanning and/or Testing	1	2	4	\$1,284	\$532	\$1,296	\$592	\$0	\$3,704
2.03	On-Site Walkthrough				\$0	\$0	\$0	\$0	\$0	\$0
2.07	Assistance in CMAR Selection				\$0	\$0	\$0	\$0	\$0	\$0
2.09	Concept Review Workshop	1	2	4	\$1,284	\$532	\$1,296	\$592	\$0	\$3,704
2.12	Cost Estimating				\$0	\$0	\$0	\$0	\$0	\$0
2.13	Refined Concept Review/Design Coordination Meetings									
	Workshop				\$0	\$0	\$0	\$0	\$0	\$0
	Bi-Weekly				\$0	\$0	\$0	\$0	\$0	\$0
2.14	Conceptual Design Report Meeting Update				\$0	\$0	\$0	\$0	\$0	\$0
3.04	Schematic Design Documents				\$0	\$0	\$0	\$0	\$0	\$0
3.05	Code and Permitting Research with AHJs				\$0	\$0	\$0	\$0	\$0	\$0
3.06	Cost Estimating Consultant/CMAR Estimating and VE				\$0	\$0	\$0	\$0	\$0	\$0
3.07	Design Coordination Meetings									
	Design Review Meetings				\$0	\$0	\$0	\$0	\$0	\$0
	Bi-Weekly				\$0	\$0	\$0	\$0	\$0	\$0
3.08	Federal Agency Coordination				\$0	\$0	\$0	\$0	\$0	\$0
3.11	Schematic Design Review Meeting				\$0	\$0	\$0	\$0	\$0	\$0
4.03	Code and Permitting Coordination with AHJs				\$0	\$0	\$0	\$0	\$0	\$0
4.04	Cost Estimating Consultant/CMAR Estimating and VE				\$0	\$0	\$0	\$0	\$0	\$0
4.05	Design Coordination Meetings									
	Design Review Meetings				\$0	\$0	\$0	\$0	\$0	\$0
	Bi-Weekly				\$0	\$0	\$0	\$0	\$0	\$0
4.09	Design Development Review Meeting				\$0	\$0	\$0	\$0	\$0	\$0
4.11	Bidding				\$0	\$0	\$0	\$0	\$0	\$0
5.03	Code and Permitting Coordination with AHJs				\$0	\$0	\$0	\$0	\$0	\$0
5.04	Cost Estimating Consultant/CMAR Estimating and VE				\$0	\$0	\$0	\$0	\$0	\$0
5.05	Design Coordination Meetings									
	Design Review Meetings				\$0	\$0	\$0	\$0	\$0	\$0
	Bi-Weekly				\$0	\$0	\$0	\$0	\$0	\$0
5.09	Construction Documents (90%) Review Meeting	1	2	3	\$1,284	\$399	\$864	\$444	\$0	\$2,991
6.03	Cost Estimating Consultant/CMAR Estimating				\$0	\$0	\$0	\$0	\$0	\$0
6.04	Design Coordination Meetings									
	Bi-Weekly				\$0	\$0	\$0	\$0	\$0	\$0
<b>DESIGN TRAVEL</b>										<b>\$10,399</b>
7.01	Pre-Construction Conference				\$0	\$0	\$0	\$0	\$0	\$0
7.03	Construction Meetings/Site Visits	17	1	4	\$10,914	\$7,914	\$9,180	\$4,403	\$0	\$32,411
7.05	Punchlist and Final Observation	1	1	2	\$642	\$266	\$216	\$148	\$0	\$1,272
8.02	Warranty Inspection				\$0	\$0	\$0	\$0	\$0	\$0
<b>CONSTRUCTION ADMINISTRATION TRAVEL</b>										<b>\$33,683</b>
<b>OTHER EXPENSES</b>										
	Reprographics									\$0
	Badging				\$1,150					\$1,150
	Permit Review Expenses									\$0
<b>SUBTOTAL OTHER EXPENSES</b>										<b>\$1,150</b>
<b>TOTAL EXPENSES</b>										<b>\$45,232</b>

## PIE Passenger Terminal Improvements

Remember PIE does not allow reimbursement for local offices/Staff

TIERRA EXPENSES									
TRAVEL									
Task	# Trips	# People	# Days	Airfare	Car	Lodging	Per Diem	Pkg	
1.02	Project Development Support - Escorting			\$0	\$0	\$0	\$0	\$0	\$0
2.02	Site Survey, Scanning and/or Testing			\$0	\$0	\$0	\$0	\$0	\$0
2.03	On-Site Walkthrough			\$0	\$0	\$0	\$0	\$0	\$0
2.07	Assistance in CMAR Selection			\$0	\$0	\$0	\$0	\$0	\$0
2.09	Concept Review Workshop			\$0	\$0	\$0	\$0	\$0	\$0
2.12	Cost Estimating			\$0	\$0	\$0	\$0	\$0	\$0
2.13	Refined Concept Review/Design Coordination Meetings								
	Workshop			\$0	\$0	\$0	\$0	\$0	\$0
	Bi-Weekly			\$0	\$0	\$0	\$0	\$0	\$0
2.14	Conceptual Design Report Meeting Update			\$0	\$0	\$0	\$0	\$0	\$0
3.04	Schematic Design Documents			\$0	\$0	\$0	\$0	\$0	\$0
3.05	Code and Permitting Research with AHJs			\$0	\$0	\$0	\$0	\$0	\$0
3.06	Cost Estimating Consultant/CMAR Estimating and VE			\$0	\$0	\$0	\$0	\$0	\$0
3.07	Design Coordination Meetings								
	Design Review Meetings			\$0	\$0	\$0	\$0	\$0	\$0
	Bi-Weekly			\$0	\$0	\$0	\$0	\$0	\$0
3.08	Federal Agency Coordination			\$0	\$0	\$0	\$0	\$0	\$0
3.11	Schematic Design Review Meeting			\$0	\$0	\$0	\$0	\$0	\$0
4.03	Code and Permitting Coordination with AHJs			\$0	\$0	\$0	\$0	\$0	\$0
4.04	Cost Estimating Consultant/CMAR Estimating and VE			\$0	\$0	\$0	\$0	\$0	\$0
4.05	Design Coordination Meetings								
	Design Review Meetings			\$0	\$0	\$0	\$0	\$0	\$0
	Bi-Weekly			\$0	\$0	\$0	\$0	\$0	\$0
4.09	Design Development Review Meeting			\$0	\$0	\$0	\$0	\$0	\$0
4.11	Bidding			\$0	\$0	\$0	\$0	\$0	\$0
5.03	Code and Permitting Coordination with AHJs			\$0	\$0	\$0	\$0	\$0	\$0
5.04	Cost Estimating Consultant/CMAR Estimating and VE			\$0	\$0	\$0	\$0	\$0	\$0
5.05	Design Coordination Meetings								
	Design Review Meetings			\$0	\$0	\$0	\$0	\$0	\$0
	Bi-Weekly			\$0	\$0	\$0	\$0	\$0	\$0
5.09	Construction Documents (90%) Review Meeting			\$0	\$0	\$0	\$0	\$0	\$0
6.03	Cost Estimating Consultant/CMAR Estimating			\$0	\$0	\$0	\$0	\$0	\$0
6.04	Design Coordination Meetings								
	Bi-Weekly			\$0	\$0	\$0	\$0	\$0	\$0
<b>DESIGN TRAVEL</b>									<b>\$0</b>
7.01	Pre-Construction Conference			\$0	\$0	\$0	\$0	\$0	\$0
7.03	Construction Meetings/Site Visits			\$0	\$0	\$0	\$0	\$0	\$0
7.05	Punchlist and Final Observation			\$0	\$0	\$0	\$0	\$0	\$0
8.02	Warranty Inspection			\$0	\$0	\$0	\$0	\$0	\$0
<b>CONSTRUCTION ADMINISTRATION TRAVEL</b>									<b>\$0</b>
<b>OTHER EXPENSES</b>									
	Geotechnical equipment, samples, & testing			\$27,669					\$27,669
									\$0
									\$0
<b>SUBTOTAL OTHER EXPENSES</b>									<b>\$27,669</b>
<b>TOTAL EXPENSES</b>									<b>\$27,669</b>

## PIE Passenger Terminal Improvements

Remember PIE does not allow reimbursement for local offices/Staff

AVANT EXPENSES										
TRAVEL										
Task		# Trips	# People	# Days	Airfare \$600	Car \$75	Lodging \$185	Per Diem \$65	Pkg \$35	
1.02	Project Development Support - Escorting				\$0	\$0	\$0	\$0	\$0	\$0
2.02	Site Survey, Scanning and/or Testing				\$0	\$0	\$0	\$0	\$0	\$0
2.03	On-Site Walkthrough	1	1	2	\$600	\$150	\$185	\$130	\$70	\$1,135
2.07	Assistance in CMAR Selection				\$0	\$0	\$0	\$0	\$0	\$0
2.09	Concept Review Workshop				\$0	\$0	\$0	\$0	\$0	\$0
2.12	Cost Estimating				\$0	\$0	\$0	\$0	\$0	\$0
2.13	Refined Concept Review/Design Coordination Meetings									
	Workshop	1	1	2	\$600	\$150	\$185	\$130	\$70	\$1,135
	Bi-Weekly				\$0	\$0	\$0	\$0	\$0	\$0
2.14	Conceptual Design Report Meeting Update				\$0	\$0	\$0	\$0	\$0	\$0
3.04	Schematic Design Documents				\$0	\$0	\$0	\$0	\$0	\$0
3.05	Code and Permitting Research with AHJs				\$0	\$0	\$0	\$0	\$0	\$0
3.06	Cost Estimating Consultant/CMAR Estimating and VE				\$0	\$0	\$0	\$0	\$0	\$0
3.07	Design Coordination Meetings									
	Design Review Meetings				\$0	\$0	\$0	\$0	\$0	\$0
	Bi-Weekly				\$0	\$0	\$0	\$0	\$0	\$0
3.08	Federal Agency Coordination				\$0	\$0	\$0	\$0	\$0	\$0
3.11	Schematic Design Review Meeting				\$0	\$0	\$0	\$0	\$0	\$0
4.03	Code and Permitting Coordination with AHJs				\$0	\$0	\$0	\$0	\$0	\$0
4.04	Cost Estimating Consultant/CMAR Estimating and VE				\$0	\$0	\$0	\$0	\$0	\$0
4.05	Design Coordination Meetings									
	Design Review Meetings				\$0	\$0	\$0	\$0	\$0	\$0
	Bi-Weekly				\$0	\$0	\$0	\$0	\$0	\$0
4.09	Design Development Review Meeting				\$0	\$0	\$0	\$0	\$0	\$0
4.11	Bidding				\$0	\$0	\$0	\$0	\$0	\$0
5.03	Code and Permitting Coordination with AHJs				\$0	\$0	\$0	\$0	\$0	\$0
5.04	Cost Estimating Consultant/CMAR Estimating and VE				\$0	\$0	\$0	\$0	\$0	\$0
5.05	Design Coordination Meetings									
	Design Review Meetings				\$0	\$0	\$0	\$0	\$0	\$0
	Bi-Weekly				\$0	\$0	\$0	\$0	\$0	\$0
5.09	Construction Documents (90%) Review Meeting				\$0	\$0	\$0	\$0	\$0	\$0
6.03	Cost Estimating Consultant/CMAR Estimating				\$0	\$0	\$0	\$0	\$0	\$0
6.04	Design Coordination Meetings									
	Bi-Weekly				\$0	\$0	\$0	\$0	\$0	\$0
<b>DESIGN TRAVEL</b>										<b>\$2,270</b>
7.01	Pre-Construction Conference				\$0	\$0	\$0	\$0	\$0	\$0
7.03	Construction Meetings/Site Visits	3	2	4	\$3,600	\$900	\$3,330	\$1,560	\$840	\$10,230
7.05	Punchlist and Final Observation	1	1	2	\$600	\$150	\$185	\$130	\$70	\$1,135
8.02	Warranty Inspection				\$0	\$0	\$0	\$0	\$0	\$0
<b>CONSTRUCTION ADMINISTRATION TRAVEL</b>										<b>\$11,365</b>
<b>OTHER EXPENSES</b>										
	Reprographics									\$0
	Badging									\$0
	Permit Review Expenses									\$0
<b>SUBTOTAL OTHER EXPENSES</b>										<b>\$0</b>
<b>TOTAL EXPENSES</b>										<b>\$13,635</b>





## PIE Passenger Terminal Improvements

Remember PIE does not allow reimbursement for local offices/Staff

DBS EXPENSES										
TRAVEL										
Task				Airfare	Car	Lodging	Per Diem	Pkg		
	# Trips	# People	# Days	\$300	\$85	\$225	\$50			
1.02				\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.02	1	3	12	\$900	\$1,020	\$7,425	\$1,800	\$0	\$0	\$11,145
2.03				\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.07				\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.09				\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.12				\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.13										
				\$0	\$0	\$0	\$0	\$0	\$0	\$0
				\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.14				\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.04				\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.05				\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.06				\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.07										
				\$0	\$0	\$0	\$0	\$0	\$0	\$0
				\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.08				\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.11				\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.03				\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.04				\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.05										
				\$0	\$0	\$0	\$0	\$0	\$0	\$0
				\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.09				\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.11				\$0	\$0	\$0	\$0	\$0	\$0	\$0
5.03				\$0	\$0	\$0	\$0	\$0	\$0	\$0
5.04				\$0	\$0	\$0	\$0	\$0	\$0	\$0
5.05										
				\$0	\$0	\$0	\$0	\$0	\$0	\$0
				\$0	\$0	\$0	\$0	\$0	\$0	\$0
5.09				\$0	\$0	\$0	\$0	\$0	\$0	\$0
6.03				\$0	\$0	\$0	\$0	\$0	\$0	\$0
6.04										
				\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>DESIGN TRAVEL</b>										<b>\$11,145</b>
7.01				\$0	\$0	\$0	\$0	\$0	\$0	\$0
7.03				\$0	\$0	\$0	\$0	\$0	\$0	\$0
7.05				\$0	\$0	\$0	\$0	\$0	\$0	\$0
8.02				\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>CONSTRUCTION ADMINISTRATION TRAVEL</b>										<b>\$0</b>
<b>OTHER EXPENSES</b>										
										\$0
										\$0
										\$0
<b>SUBTOTAL OTHER EXPENSES</b>										<b>\$0</b>
<b>TOTAL EXPENSES</b>										<b>\$11,145</b>

## PIE Passenger Terminal Improvements

Remember PIE does not allow reimbursement for local offices/Staff

OHC EXPENSES										
TRAVEL										
Task				Airfare	Car	Lodging	Per Diem	Pkg		
	# Trips	# People	# Days							
1.02	Project Development Support - Escorting			\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.02	Site Survey, Scanning and/or Testing			\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.03	On-Site Walkthrough			\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.07	Assistance in CMAR Selection			\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.09	Concept Review Workshop			\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.12	Cost Estimating			\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.13	Refined Concept Review/Design Coordination Meetings									
	Workshop			\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Bi-Weekly			\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.14	Conceptual Design Report Meeting Update			\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.04	Schematic Design Documents			\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.05	Code and Permitting Research with AHJs			\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.06	Cost Estimating Consultant/CMAR Estimating and VE			\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.07	Design Coordination Meetings									
	Design Review Meetings			\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Bi-Weekly			\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.08	Federal Agency Coordination			\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.11	Schematic Design Review Meeting			\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.03	Code and Permitting Coordination with AHJs			\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.04	Cost Estimating Consultant/CMAR Estimating and VE			\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.05	Design Coordination Meetings									
	Design Review Meetings			\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Bi-Weekly			\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.09	Design Development Review Meeting			\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.11	Bidding			\$0	\$0	\$0	\$0	\$0	\$0	\$0
5.03	Code and Permitting Coordination with AHJs			\$0	\$0	\$0	\$0	\$0	\$0	\$0
5.04	Cost Estimating Consultant/CMAR Estimating and VE			\$0	\$0	\$0	\$0	\$0	\$0	\$0
5.05	Design Coordination Meetings									
	Design Review Meetings			\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Bi-Weekly			\$0	\$0	\$0	\$0	\$0	\$0	\$0
5.09	Construction Documents (90%) Review Meeting			\$0	\$0	\$0	\$0	\$0	\$0	\$0
6.03	Cost Estimating Consultant/CMAR Estimating			\$0	\$0	\$0	\$0	\$0	\$0	\$0
6.04	Design Coordination Meetings									
	Bi-Weekly			\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>DESIGN TRAVEL</b>										<b>\$0</b>
7.01	Pre-Construction Conference			\$0	\$0	\$0	\$0	\$0	\$0	\$0
7.03	Construction Meetings/Site Visits			\$0	\$0	\$0	\$0	\$0	\$0	\$0
7.05	Punchlist and Final Observation			\$0	\$0	\$0	\$0	\$0	\$0	\$0
8.02	Warranty Inspection			\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>CONSTRUCTION ADMINISTRATION TRAVEL</b>										<b>\$0</b>
<b>OTHER EXPENSES</b>										
	Asbestos Bulk Sample Analysis			20	\$250					\$5,000
	Lead Bulk Sample Analysis			20	\$100					\$2,000
	Badging									\$0
	Permit Review Expenses									\$0
<b>SUBTOTAL OTHER EXPENSES</b>										<b>\$7,000</b>
<b>TOTAL EXPENSES</b>										<b>\$7,000</b>

EXHIBIT D – FDOT CONTRACT PROVISIONS

EXHIBIT D

FLORIDA DEPARTMENT OF TRANSPORTATION CONTRACT  
PROVISIONS

This project is being funded in part by a Grant from the Florida Department of Transportation (FDOT). The contractor must abide by the following contract provisions:

**Equal Employment Opportunity:** In connection with the carrying out of this Project, the contractor shall not discriminate against any employee or applicant for employment because of race, age, creed, color, sex or national origin. The Contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, age, creed, color, sex, or national origin. Such action shall include, but not be limited to, the following: Employment upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Contractor shall insert the foregoing provision modified only to show the particular contractual relationship in all its subcontracts in connection with the development or operation of the Project, except subcontracts for the standard commercial supplies or raw materials, and shall require all such subcontractors to insert a similar provision in all subcontracts, except subcontracts for standard commercial supplies or raw materials. When the Project involves installation, construction, demolition, removal, site improvement, or similar work, the Contractor shall post, in conspicuous places available to employees and applicants for employment for Project work, notices to be provided by the Department setting forth the provisions of the nondiscrimination clause.

**Title VI - Civil Rights Act of 1964:** The Contractor will comply with all the requirements imposed by Title VI of the Civil Rights Act of 1964 (42 USC 2000d, et. seq), the Regulations of the Federal Department of Transportation issued thereunder, and the assurance by the Contractor pursuant thereto.

**Title VIII - Civil Rights Act of 1968:** The Contractor will comply with all the requirements imposed by Title VIII of the Civil Rights Act of 1968, (42 USC 3601, et seq.,) which among other things, prohibits discrimination in housing on the basis of race, color, national origin, creed, sex and age.

**Americans with Disabilities Act of 1990 (ADA):** The Contractor will comply with all the requirements imposed by the ADA (42 USC 12012. et. Seq.) the regulations of the federal government issued thereunder, and the assurance by the Contractor pursuant thereto.

**EXHIBIT D – FDOT CONTRACT PROVISIONS**

**Disadvantaged Business Enterprise (DBE) Policy and Obligation:**

**DBE Policy:** It is the policy of the FDOT Grant that Disadvantaged Business Enterprises (DBE) as defined in 49 CFR Part 26, as amended, shall have the equal opportunity to participate in the performance of contracts financed in whole or in part with FDOT funds. The DBE requirements of 49 CFR Part 26, as amended, apply to this contract.

**DBE Obligation:** The Contractor agrees to ensure that Disadvantaged Business Enterprises as defined in 49 CFR Part 26, as amended, have the equal opportunity to participate in the performance of this contract. In this regard, the contractor shall take all necessary and reasonable steps in accordance with 49 CFR Part 26, as amended, to ensure that the Disadvantaged Business Enterprises have the maximum opportunity to compete for and perform this contract. The contractor and their subcontractors shall not discriminate on the basis of race, color, national origin or sex in the award and performance of this contract.

The contractor shall not discriminate on the basis of race color national origin or sex in the award and

performance of any DOT assisted contract or in the administration of its DBE program or the requirements of 49 CFR part 26 The contractor shall take all necessary and reasonable steps under 49 CFR part 26 to ensure nondiscrimination in the award and administration of DOT assisted contracts The airport's DBE program goal as required by 49 CFR part 26 and as approved by DOT is incorporated by reference in this agreement. Implementation of this program is a legal obligation and failure to carry out its terms shall be treated as a violation of this contract. Upon notification to the contractor of its failure to carry out its approved program the County may impose sanctions as provided for under part 26 and may in appropriate cases refer the matter for enforcement under 18USC1001 and/or the Program Fraud Civil Remedies Act of 1986 (31USC3801 et seq.)

**E-Verify**

The contractor shall utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the Vendor/Contractor during the term of the contract; and

Shall expressly require any subcontractors performing work or providing services pursuant to this contract to likewise utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor during the contract term.

**EXHIBIT E – FAA CONTRACT PROVISIONS**



**FAA  
Airports**

**EXHIBIT E**  
**FAA CONTRACT PROVISIONS**

**EXHIBIT E – FAA CONTRACT PROVISIONS**

**ACCESS TO RECORDS AND REPORTS**

The Contractor must maintain an acceptable cost accounting system. The Contractor agrees to provide the Owner, the Federal Aviation Administration and the Comptroller General of the United States or any of their duly authorized representatives access to any books, documents, papers and records of the Contractor which are directly pertinent to the specific contract for the purpose of making audit, examination, excerpts and transcriptions. The Contractor agrees to maintain all books, records and reports required under this contract for a period of not less than three years after final payment is made and all pending matters are closed.

**EXHIBIT E – FAA CONTRACT PROVISIONS****BREACH OF CONTRACT TERMS**

Any violation or breach of terms of this contract on the part of Consultant or its subcontractors may result in the suspension or termination of this contract or such other action that may be necessary to enforce the rights of the parties of this agreement.

Owner will provide Consultant written notice that describes the nature of the breach and corrective actions the Consultant must undertake in order to avoid termination of the contract. Owner reserves the right to withhold payments to Contractor until such time the Contractor corrects the breach or the Owner elects to terminate the contract. The Owner's notice will identify a specific date by which the Consultant must correct the breach. Owner may proceed with termination of the contract if Consultant fails to correct the breach by the deadline indicated in the Owner's notice.

The duties and obligations imposed by the Contract Documents and the rights and remedies available thereunder are in addition to, and not a limitation of, any duties, obligations, rights and remedies otherwise imposed or available by law.

<b>EXHIBIT E – FAA CONTRACT PROVISIONS</b>
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### **BUY AMERICAN PREFERENCE**

The Contractor agrees to comply with 49 USC § 50101, which provides that Federal funds may not be obligated unless all steel and manufactured goods used in AIP funded projects are produced in the United States, unless the Federal Aviation Administration has issued a waiver for the product; the product is listed as an Excepted Article, Material Or Supply in Federal Acquisition Regulation subpart 25.108; or is included in the FAA Nationwide Buy American Waivers Issued list.

A bidder or offeror must complete and submit the Buy America certification included herein with their bid or offer. The Owner will reject as nonresponsive any bid or offer that does not include a completed Certificate of Buy American Compliance.

### **CERTIFICATE OF BUY AMERICAN COMPLIANCE FOR TOTAL FACILITY**

As a matter of bid responsiveness, the bidder or offeror must complete, sign, date, and submit this certification statement with its proposal. The bidder or offeror must indicate how it intends to comply with 49 USC § 50101 by selecting one of the following certification statements. These statements are mutually exclusive. Bidder must select one or the other (i.e. not both) by inserting a checkmark (✓) or the letter “X”.

- Bidder or offeror hereby certifies that it will comply with 49 USC § 50101 by:
- a) Only installing steel and manufactured products produced in the United States; or
  - b) Installing manufactured products for which the Federal Aviation Administration (FAA) has issued a waiver as indicated by inclusion on the current FAA Nationwide Buy American Waivers Issued listing; or
  - c) Installing products listed as an Excepted Article, Material or Supply in Federal Acquisition Regulation Subpart 25.108.

By selecting this certification statement, the bidder or offeror agrees:

- To provide to the Owner evidence that documents the source and origin of the steel and manufactured product.
  - To faithfully comply with providing U.S. domestic products.
  - To refrain from seeking a waiver request after establishment of the contract, unless extenuating circumstances emerge that the FAA determines justified.
- The bidder or offeror hereby certifies it cannot comply with the 100 percent Buy American Preferences of 49 USC § 50101(a) but may qualify for either a Type 3 or Type 4 waiver under 49 USC § 50101(b). By selecting this certification statement, the apparent bidder or offeror with the apparent low bid agrees:
- a) To submit to the Owner within 15 calendar days of the bid opening, a formal waiver request and required documentation that supports the type of waiver being requested.
  - b) That failure to submit the required documentation within the specified timeframe is cause for a non-responsive determination that may result in rejection of the proposal.
  - c) To faithfully comply with providing U.S. domestic products at or above the approved U.S. domestic content percentage as approved by the FAA.
  - d) To furnish U.S. domestic product for any waiver request that the FAA rejects.
  - e) To refrain from seeking a waiver request after establishment of the contract, unless extenuating circumstances emerge that the FAA determines justified.
  - f)



<b>EXHIBIT E – FAA CONTRACT PROVISIONS</b>
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**Required Documentation**

**Type 3 Waiver** – The cost of components and subcomponents produced in the United States is more than 60 percent of the cost of all components and subcomponents of the “facility”. The required documentation for a Type 3 waiver is:

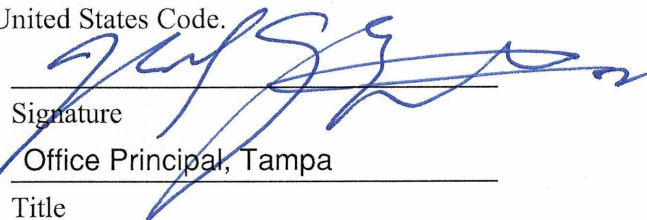
- a) Listing of all manufactured products that are not comprised of 100 percent U.S. domestic content (excludes products listed on the FAA Nationwide Buy American Waivers Issued listing and products excluded by Federal Acquisition Regulation Subpart 25.108; products of unknown origin must be considered as non-domestic products in their entirety).
- b) Cost of non-domestic components and subcomponents, excluding labor costs associated with final assembly and installation at project location.
- c) Percentage of non-domestic component and subcomponent cost as compared to total “facility” component and subcomponent costs, excluding labor costs associated with final assembly and installation at project location.

**Type 4 Waiver** – Total cost of project using U.S. domestic source product exceeds the total project cost using non-domestic product by 25 percent. The required documentation for a Type 4 of waiver is:

- a) Detailed cost information for total project using U.S. domestic product
- b) Detailed cost information for total project using non-domestic product

**False Statements:** Per 49 USC § 47126, this certification concerns a matter within the jurisdiction of the Federal Aviation Administration and the making of a false, fictitious or fraudulent certification may render the maker subject to prosecution under Title 18, United States Code.

April 9, 2024  
 \_\_\_\_\_  
 Date  
 C&S Engineers, Inc.  
 \_\_\_\_\_  
 Company Name

  
 \_\_\_\_\_  
 Signature  
 Office Principal, Tampa  
 \_\_\_\_\_  
 Title

<b>EXHIBIT E – FAA CONTRACT PROVISIONS</b>
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### Certificate of Buy American Compliance for Manufactured Products

As a matter of bid responsiveness, the bidder or offeror must complete, sign, date, and submit this certification statement with their proposal. The bidder or offeror must indicate how they intend to comply with 49 USC § 50101 by selecting one on the following certification statements. These statements are mutually exclusive. Bidder must select one or the other (not both) by inserting a checkmark (✓) or the letter “X”.

- Bidder or offeror hereby certifies that it will comply with 49 USC § 50101 by:
- a) Only installing steel and manufactured products produced in the United States;
  - b) Installing manufactured products for which the Federal Aviation Administration (FAA) has issued a waiver as indicated by inclusion on the current FAA Nationwide Buy American Waivers Issued listing; or
  - c) Installing products listed as an Excepted Article, Material or Supply in Federal Acquisition Regulation Subpart 25.108.

By selecting this certification statement, the bidder or offeror agrees:

1. To provide to the Owner evidence that documents the source and origin of the steel and manufactured product.
  2. To faithfully comply with providing U.S. domestic product.
  3. To furnish U.S. domestic product for any waiver request that the FAA rejects
  4. To refrain from seeking a waiver request after establishment of the contract, unless extenuating circumstances emerge that the FAA determines justified.
- The bidder or offeror hereby certifies it cannot comply with the 100 percent Buy American Preferences of 49 USC § 50101(a) but may qualify for either a Type 3 or Type 4 waiver under 49 USC § 50101(b). By selecting this certification statement, the apparent bidder or offeror with the apparent low bid agrees:
1. To the submit to the Owner within 15 calendar days of the bid opening, a formal waiver request and required documentation that supports the type of waiver being requested.
  2. That failure to submit the required documentation within the specified timeframe is cause for a non-responsive determination may result in rejection of the proposal.
  3. To faithfully comply with providing U.S. domestic products at or above the approved U.S. domestic content percentage as approved by the FAA.
  4. To refrain from seeking a waiver request after establishment of the contract, unless extenuating circumstances emerge that the FAA determines justified.

### Required Documentation

**Type 3 Waiver** – The cost of the item components and subcomponents produced in the United States is more that 60 percent of the cost of all components and subcomponents of the “item”. The required documentation for a Type 3 waiver is:

- a) Listing of all product components and subcomponents that are not comprised of 100 percent U.S. domestic content (Excludes products listed on the FAA Nationwide Buy American Waivers Issued listing and products excluded by Federal Acquisition Regulation Subpart 25.108; products of unknown origin must be considered as non-domestic products in their entirety).
- b) Cost of non-domestic components and subcomponents, excluding labor costs associated with final assembly at place of manufacture.
- c) Percentage of non-domestic component and subcomponent cost as compared to total “item” component and subcomponent costs, excluding labor costs associated with final assembly at place of manufacture.

**EXHIBIT E – FAA CONTRACT PROVISIONS**

**Type 4 Waiver** – Total cost of project using U.S. domestic source product exceeds the total project cost using non-domestic product by 25 percent. The required documentation for a Type 4 of waiver is:

- a) Detailed cost information for total project using U.S. domestic product
- b) Detailed cost information for total project using non-domestic product

**False Statements:** Per 49 USC § 47126, this certification concerns a matter within the jurisdiction of the Federal Aviation Administration and the making of a false, fictitious or fraudulent certification may render the maker subject to prosecution under Title 18, United States Code.

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Date

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Signature

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Company Name

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Title

**EXHIBIT E – FAA CONTRACT PROVISIONS****GENERAL CIVIL RIGHTS PROVISIONS**

The Contractor agrees to comply with pertinent statutes, Executive Orders and such rules as are promulgated to ensure that no person shall, on the grounds of race, creed, color, national origin, sex, age, or disability be excluded from participating in any activity conducted with or benefiting from Federal assistance.

This provision binds the Contractor and subcontractors from the bid solicitation period through the completion of the contract. This provision is in addition to that required by Title VI of the Civil Rights Act of 1964.

Title VI of the Civil Rights Act of 1964, as amended, (Title VI) prohibits discrimination on the grounds of race, color, or national origin under any program or activity receiving Federal financial assistance. Sponsors must include appropriate clauses from the Standard DOT Title VI Assurances in all contracts and solicitations.

The text of each individual clause comes from the U.S. Department of Transportation [Order DOT 1050.2](#), Standard Title VI Assurances and Nondiscrimination Provisions, effective April 24, 2013. These assurances require that the Recipient (the sponsor) insert the appropriate clauses in the form provided by the DOT. Where the clause refers to the applicable activity, project, or program, it means the AIP project.

**Title VI Solicitation Notice:**

The **St Pete-Clearwater International Airport** in accordance with the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252, 42 USC §§ 2000d to 2000d-4) and the Regulations, hereby notifies all bidders or offerors that it will affirmatively ensure that any contract entered into pursuant to this advertisement, will be afforded full and fair opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award.

**EXHIBIT E – FAA CONTRACT PROVISIONS****Compliance with Nondiscrimination Requirements:**

During the performance of this contract, the Contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the “Contractor”), agrees as follows:

1. **Compliance with Regulations:** The Contractor (hereinafter includes consultants) will comply with the Title VI List of Pertinent Nondiscrimination Acts and Authorities, as they may be amended from time to time, which are herein incorporated by reference and made a part of this contract.
2. **Nondiscrimination:** The Contractor, with regard to the work performed by it during the contract, will not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The Contractor will not participate directly or indirectly in the discrimination prohibited by the Nondiscrimination Acts and Authorities, including employment practices when the contract covers any activity, project, or program set forth in Appendix B of 49 CFR part 21.
3. **Solicitations for Subcontracts, including Procurements of Materials and Equipment:** In all solicitations, either by competitive bidding or negotiation made by the Contractor for work to be performed under a subcontract, including procurements of materials, or leases of equipment, each potential subcontractor or supplier will be notified by the Contractor of the contractor’s obligations under this contract and the Nondiscrimination Acts and Authorities on the grounds of race, color, or national origin.
4. **Information and Reports:** The Contractor will provide all information and reports required by the Acts, the Regulations, and directives issued pursuant thereto and will permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the sponsor or the Federal Aviation Administration to be pertinent to ascertain compliance with such Nondiscrimination Acts and Authorities and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish the information, the Contractor will so certify to the sponsor or the Federal Aviation Administration, as appropriate, and will set forth what efforts it has made to obtain the information.
5. **Sanctions for Noncompliance:** In the event of a Contractor’s noncompliance with the non-discrimination provisions of this contract, the sponsor will impose such contract sanctions as it or the Federal Aviation Administration may determine to be appropriate, including, but not limited to:
  - a. Withholding payments to the Contractor under the contract until the Contractor complies; and/or
  - b. Cancelling, terminating, or suspending a contract, in whole or in part.
6. **Incorporation of Provisions:** The Contractor will include the provisions of paragraphs one through six in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Acts, the Regulations, and directives issued pursuant thereto. The Contractor will take action with respect to any subcontract or procurement as the sponsor or the Federal Aviation Administration may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, that if the Contractor becomes involved in, or is threatened with litigation by a subcontractor, or supplier because of such direction, the Contractor may request the sponsor to enter into any litigation to protect the interests of the sponsor. In addition, the Contractor may request the United States to enter into the litigation to protect the interests of the United States.

<b>EXHIBIT E – FAA CONTRACT PROVISIONS</b>
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### **Title VI List of Pertinent Nondiscrimination Acts and Authorities**

During the performance of this contract, the Contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the “Contractor”) agrees to comply with the following non-discrimination statutes and authorities; including but not limited to:

- Title VI of the Civil Rights Act of 1964 (42 USC § 2000d *et seq.*, 78 stat. 252) (prohibits discrimination on the basis of race, color, national origin);
- 49 CFR part 21 (Non-discrimination in Federally-assisted programs of the Department of Transportation—Effectuation of Title VI of the Civil Rights Act of 1964);
- The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 USC § 4601) (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);
- Section 504 of the Rehabilitation Act of 1973 (29 USC § 794 *et seq.*), as amended (prohibits discrimination on the basis of disability); and 49 CFR part 27;
- The Age Discrimination Act of 1975, as amended (42 USC § 6101 *et seq.*) (prohibits discrimination on the basis of age);
- Airport and Airway Improvement Act of 1982 (49 USC § 471, Section 47123), as amended (prohibits discrimination based on race, creed, color, national origin, or sex);
- The Civil Rights Restoration Act of 1987 (PL 100-209) (broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, the Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms “programs or activities” to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not);
- Titles II and III of the Americans with Disabilities Act of 1990, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 USC §§ 12131 – 12189) as implemented by U.S. Department of Transportation regulations at 49 CFR parts 37 and 38;
- The Federal Aviation Administration’s Nondiscrimination statute (49 USC § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex);
- Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures nondiscrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations;
- Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100);
- Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 USC 1681 *et seq.*).

**EXHIBIT E – FAA CONTRACT PROVISIONS****CLEAN AIR AND WATER POLLUTION CONTROL**

Contractor agrees to comply with all applicable standards, orders, and regulations issued pursuant to the Clean Air Act (42 USC § 740-7671q) and the Federal Water Pollution Control Act as amended (33 USC § 1251-1387). The Contractor agrees to report any violation to the Owner immediately upon discovery. The Owner assumes responsibility for notifying the Environmental Protection Agency (EPA) and the Federal Aviation Administration.

Contractor must include this requirement in all subcontracts that exceeds \$150,000.

**EXHIBIT E – FAA CONTRACT PROVISIONS****CONTRACT WORKHOURS AND SAFETY STANDARDS ACT REQUIREMENTS****1. Overtime Requirements.**

No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic, including watchmen and guards, in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

**2. Violation; Liability for Unpaid Wages; Liquidated Damages.**

In the event of any violation of the clause set forth in paragraph (1) of this clause, the Contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (1) of this clause, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (1) of this clause.

**3. Withholding for Unpaid Wages and Liquidated Damages.**

The Federal Aviation Administration (FAA) or the Owner shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2) of this clause.

**4. Subcontractors.**

The Contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraphs (1) through (4) and also a clause requiring the subcontractor to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (1) through (4) of this clause.



**EXHIBIT E – FAA CONTRACT PROVISIONS****COPELAND “ANTI-KICKBACK” ACT**

Contractor must comply with the requirements of the Copeland “Anti-Kickback” Act (18 USC 874 and 40 USC 3145), as supplemented by Department of Labor regulation 29 CFR part 3. Contractor and subcontractors are prohibited from inducing, by any means, any person employed on the project to give up any part of the compensation to which the employee is entitled. The Contractor and each Subcontractor must submit to the Owner, a weekly statement on the wages paid to each employee performing on covered work during the prior week. Owner must report any violations of the Act to the Federal Aviation Administration.

<b>EXHIBIT E – FAA CONTRACT PROVISIONS</b>
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### DAVIS-BACON REQUIREMENTS

#### 1. Minimum Wages.

(i) All laborers and mechanics employed or working upon the site of the work will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by the Secretary of Labor under the Copeland Act (29 CFR Part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalent thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the Contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph (1)(iv) of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in 29 CFR Part 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: *Provided* that the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under (1)(ii) of this section) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the Contractor and its subcontractors at the site of the work in a prominent and accessible place where it can easily be seen by the workers.

(ii)(A) The contracting officer shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The contracting officer shall approve an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

- (1) The work to be performed by the classification requested is not performed by a classification in the wage determination;
- (2) The classification is utilized in the area by the construction industry; and
- (3) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(B) If the Contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the contracting officer agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the contracting officer to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action

**EXHIBIT E – FAA CONTRACT PROVISIONS**

within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(C) In the event the Contractor, the laborers, or mechanics to be employed in the classification, or their representatives, and the contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits where appropriate), the contracting officer shall refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Administrator for determination. The Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(D) The wage rate (including fringe benefits where appropriate) determined pursuant to subparagraphs (1)(ii) (B) or (C) of this paragraph, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

(iii) Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

(iv) If the Contractor does not make payments to a trustee or other third person, the Contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program: *Provided* that the Secretary of Labor has found, upon the written request of the Contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the Contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

## 2. Withholding.

The Federal Aviation Administration or the sponsor shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld from the Contractor under this contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the Contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of work, all or part of the wages required by the contract, the Federal Aviation Administration may, after written notice to the Contractor, Sponsor, Applicant, or Owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

## 3. Payrolls and Basic Records.

(i) Payrolls and basic records relating thereto shall be maintained by the Contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker; his or her correct classification; hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types

**EXHIBIT E – FAA CONTRACT PROVISIONS**

described in 1(b)(2)(B) of the Davis-Bacon Act); daily and weekly number of hours worked; deductions made; and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-Bacon Act, the Contractor shall maintain records that show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and that show the costs anticipated or the actual costs incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

(ii)(A) The Contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to the Federal Aviation Administration if the agency is a party to the contract, but if the agency is not such a party, the Contractor will submit the payrolls to the applicant, Sponsor, or Owner, as the case may be, for transmission to the Federal Aviation Administration. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead the payrolls shall only need to include an individually identifying number for each employee (*e.g.* the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at [www.dol.gov/whd/forms/wh347instr.htm](http://www.dol.gov/whd/forms/wh347instr.htm) or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker and shall provide them upon request to the Federal Aviation Administration if the agency is a party to the contract, but if the agency is not such a party, the Contractor will submit them to the applicant, sponsor, or Owner, as the case may be, for transmission to the Federal Aviation Administration, the Contractor, or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the sponsoring government agency (or the applicant, Sponsor, or Owner).

(B) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the Contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

- (1) The payroll for the payroll period contains the information required to be provided under 29 CFR § 5.5(a)(3)(ii), the appropriate information is being maintained under 29 CFR § 5.5 (a)(3)(i), and that such information is correct and complete;
- (2) Each laborer and mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations 29 CFR Part 3;

**EXHIBIT E – FAA CONTRACT PROVISIONS**

(3) Each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(C) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the “Statement of Compliance” required by paragraph (3)(ii)(B) of this section.

(D) The falsification of any of the above certifications may subject the Contractor or subcontractor to civil or criminal prosecution under Section 1001 of Title 18 and Section 231 of Title 31 of the United States Code.

(iii) The Contractor or subcontractor shall make the records required under paragraph (3)(i) of this section available for inspection, copying, or transcription by authorized representatives of the sponsor, the Federal Aviation Administration, or the Department of Labor and shall permit such representatives to interview employees during working hours on the job. If the Contractor or subcontractor fails to submit the required records or to make them available, the Federal agency may, after written notice to the Contractor, Sponsor, applicant, or Owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

#### 4. Apprentices and Trainees.

(i) Apprentices. Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Bureau of Apprenticeship and Training, or with a State Apprenticeship Agency recognized by the Bureau, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Bureau of Apprenticeship and Training or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice. The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman’s hourly rate) specified in the Contractor’s or subcontractor’s registered program shall be observed. Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice’s level of progress, expressed as a percentage of the journeymen hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable

**EXHIBIT E – FAA CONTRACT PROVISIONS**

classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination. In the event the Bureau of Apprenticeship and Training, or a State Apprenticeship Agency recognized by the Bureau, withdraws approval of an apprenticeship program, the Contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(ii) Trainees. Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration. The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration. Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination that provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate that is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. In the event the Employment and Training Administration withdraws approval of a training program, the Contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(iii) Equal Employment Opportunity. The utilization of apprentices, trainees, and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR Part 30.

#### 5. Compliance with Copeland Act Requirements.

The Contractor shall comply with the requirements of 29 CFR Part 3, which are incorporated by reference in this contract.

#### 6. Subcontracts.

The Contractor or subcontractor shall insert in any subcontracts the clauses contained in 29 CFR Part 5.5(a)(1) through (10) and such other clauses as the Federal Aviation Administration may by appropriate instructions require, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR Part 5.5.

#### 7. Contract Termination: Debarment.

**EXHIBIT E – FAA CONTRACT PROVISIONS**

A breach of the contract clauses in paragraph 1 through 10 of this section may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

8. Compliance with Davis-Bacon and Related Act Requirements.

All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR Parts 1, 3, and 5 are herein incorporated by reference in this contract.

9. Disputes Concerning Labor Standards.

Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR Parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the Contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

10. Certification of Eligibility.

(i) By entering into this contract, the Contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the Contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

(ii) No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

(iii) The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 USC 1001.

**EXHIBIT E – FAA CONTRACT PROVISIONS****CERTIFICATION OF OFFERER/BIDDER REGARDING DEBARMENT**

By submitting a bid/proposal under this solicitation, the bidder or offeror certifies that neither it nor its principals are presently debarred or suspended by any Federal department or agency from participation in this transaction.

**CERTIFICATION OF LOWER TIER CONTRACTORS REGARDING DEBARMENT**

The successful bidder, by administering each lower tier subcontract that exceeds \$25,000 as a “covered transaction”, must verify each lower tier participant of a “covered transaction” under the project is not presently debarred or otherwise disqualified from participation in this federally assisted project. The successful bidder will accomplish this by:

1. Checking the System for Award Management at website: <http://www.sam.gov>.
2. Collecting a certification statement similar to the Certification of Offerer /Bidder Regarding Debarment, above.
3. Inserting a clause or condition in the covered transaction with the lower tier contract.

If the Federal Aviation Administration later determines that a lower tier participant failed to disclose to a higher tier participant that it was excluded or disqualified at the time it entered the covered transaction, the FAA may pursue any available remedies, including suspension and debarment of the non-compliant participant.



**EXHIBIT E – FAA CONTRACT PROVISIONS****DISADVANTAGED BUSINESS ENTERPRISES**

**The DBE goal for FY 2023 is 6.68%. Due to the duration of this project, DBE goals may change throughout the term of this agreement. The goals for FY24 – FY26 will be determined by August 2023. DBE goals for construction-related services or additional or optional work will be determined at those times.**

**Contract Assurance (§ 26.13) –**

The Contractor or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The Contractor shall carry out applicable requirements of 49 CFR part 26 in the award and administration of Department of Transportation-assisted contracts. Failure by the Contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the Owner deems appropriate, which may include, but is not limited to:

- 1) Withholding monthly progress payments;
- 2) Assessing sanctions;
- 3) Liquidated damages; and/or
- 4) Disqualifying the Contractor from future bidding as non-responsible.

**Prompt Payment (§26.29) –** The prime contractor agrees to pay each subcontractor under this prime contract for satisfactory performance of its contract no later than thirty (30) days from the receipt of each payment the prime contractor receives from **Pinellas County**. The prime contractor agrees further to return retainage payments to each subcontractor within thirty (30) days after the subcontractor's work is satisfactorily completed. Any delay or postponement of payment from the above referenced time frame may occur only for good cause following written approval of the **Pinellas County**. This clause applies to both DBE and non-DBE subcontractors.

**EXHIBIT E – FAA CONTRACT PROVISIONS****TEXTING WHEN DRIVING**

In accordance with Executive Order 13513, “Federal Leadership on Reducing Text Messaging While Driving”, (10/1/2009) and DOT Order 3902.10, “Text Messaging While Driving”, (12/30/2009), the Federal Aviation Administration encourages recipients of Federal grant funds to adopt and enforce safety policies that decrease crashes by distracted drivers, including policies to ban text messaging while driving when performing work related to a grant or subgrant.

In support of this initiative, the Owner encourages the Contractor to promote policies and initiatives for its employees and other work personnel that decrease crashes by distracted drivers, including policies that ban text messaging while driving motor vehicles while performing work activities associated with the project. The Contractor must include the substance of this clause in all sub-tier contracts exceeding \$3,500 that involve driving a motor vehicle in performance of work activities associated with the project.

**EXHIBIT E – FAA CONTRACT PROVISIONS**

**ENERGY CONSERVATION REQUIREMENTS**

Contractor and Subcontractor agree to comply with mandatory standards and policies relating to energy efficiency as contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (42 USC 6201*et seq.*).

**EXHIBIT E – FAA CONTRACT PROVISIONS****EQUAL OPPORTUNITY CLAUSE**

During the performance of this contract, the Contractor agrees as follows:

- (1) The Contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The Contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, color, religion, sex, sexual orientation, gender identify, or national origin. Such action shall include, but not be limited to, the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff, or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.
- (2) The Contractor will, in all solicitations or advertisements for employees placed by or on behalf of the Contractor, state that all qualified applicants will receive considerations for employment without regard to race, color, religion, sex, or national origin.
- (3) The Contractor will send to each labor union or representative of workers with which it has a collective bargaining agreement or other contract or understanding, a notice to be provided advising the said labor union or workers' representatives of the Contractor's commitments under this section and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
- (4) The Contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.
- (5) The Contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the administering agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.
- (6) In the event of the Contractor's noncompliance with the nondiscrimination clauses of this contract or with any of the said rules, regulations, or orders, this contract may be canceled, terminated, or suspended in whole or in part and the Contractor may be declared ineligible for further Government contracts or federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.
- (7) The Contractor will include the portion of the sentence immediately preceding paragraph (1) and the provisions of paragraphs (1) through (7) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The Contractor will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for noncompliance: *Provided, however*, that in the event a contractor becomes involved in, or is threatened

**EXHIBIT E – FAA CONTRACT PROVISIONS**

with, litigation with a subcontractor or vendor as a result of such direction by the administering agency the Contractor may request the United States to enter into such litigation to protect the interests of the United States.

**STANDARD FEDERAL EQUAL EMPLOYMENT OPPORTUNITY  
CONSTRUCTION CONTRACT SPECIFICATIONS**

1. As used in these specifications:

- a. “Covered area” means the geographical area described in the solicitation from which this contract resulted;
- b. “Director” means Director, Office of Federal Contract Compliance Programs (OFCCP), U.S. Department of Labor, or any person to whom the Director delegates authority;
- c. “Employer identification number” means the Federal social security number used on the Employer’s Quarterly Federal Tax Return, U.S. Treasury Department Form 941;
- d. “Minority” includes:
  - (1) Black (all persons having origins in any of the Black African racial groups not of Hispanic origin);
  - (2) Hispanic (all persons of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish culture or origin regardless of race);
  - (3) Asian and Pacific Islander (all persons having origins in any of the original peoples of the Far East, Southeast Asia, the Indian Subcontinent, or the Pacific Islands); and
  - (4) American Indian or Alaskan native (all persons having origins in any of the original peoples of North America and maintaining identifiable tribal affiliations through membership and participation or community identification).

2. Whenever the Contractor, or any subcontractor at any tier, subcontracts a portion of the work involving any construction trade, it shall physically include in each subcontract in excess of \$10,000 the provisions of these specifications and the Notice which contains the applicable goals for minority and female participation and which is set forth in the solicitations from which this contract resulted.

3. If the Contractor is participating (pursuant to 41 CFR part 60-4.5) in a Hometown Plan approved by the U.S. Department of Labor in the covered area either individually or through an association, its affirmative action obligations on all work in the Plan area (including goals and timetables) shall be in accordance with that Plan for those trades which have unions participating in the Plan. Contractors shall be able to demonstrate their participation in and compliance with the provisions of any such Hometown Plan. Each contractor or subcontractor participating in an approved plan is individually required to comply with its obligations under the EEO clause and to make a good faith effort to achieve each goal under the Plan in each trade in which it has employees. The overall good faith performance by other contractors or subcontractors toward a goal in an approved Plan does not excuse any covered contractor’s or subcontractor’s failure to take good faith efforts to achieve the Plan goals and timetables.

4. The Contractor shall implement the specific affirmative action standards provided in paragraphs 7a through 7p of these specifications. The goals set forth in the solicitation from which this contract resulted are expressed as percentages of the total hours of employment and training of minority and

**EXHIBIT E – FAA CONTRACT PROVISIONS**

female utilization the Contractor should reasonably be able to achieve in each construction trade in which it has employees in the covered area. Covered construction contractors performing construction work in a geographical area where they do not have a Federal or federally assisted construction contract shall apply the minority and female goals established for the geographical area where the work is being performed. Goals are published periodically in the Federal Register in notice form, and such notices may be obtained from any Office of Federal Contract Compliance Programs office or from Federal procurement contracting officers. The Contractor is expected to make substantially uniform progress in meeting its goals in each craft during the period specified.

5. Neither the provisions of any collective bargaining agreement nor the failure by a union with whom the Contractor has a collective bargaining agreement to refer either minorities or women shall excuse the Contractor's obligations under these specifications, Executive Order 11246, or the regulations promulgated pursuant thereto.

6. In order for the non-working training hours of apprentices and trainees to be counted in meeting the goals, such apprentices and trainees shall be employed by the Contractor during the training period and the Contractor shall have made a commitment to employ the apprentices and trainees at the completion of their training, subject to the availability of employment opportunities. Trainees shall be trained pursuant to training programs approved by the U.S. Department of Labor.

7. The Contractor shall take specific affirmative actions to ensure equal employment opportunity. The evaluation of the Contractor's compliance with these specifications shall be based upon its effort to achieve maximum results from its actions. The Contractor shall document these efforts fully and shall implement affirmative action steps at least as extensive as the following:

a. Ensure and maintain a working environment free of harassment, intimidation, and coercion at all sites, and in all facilities at which the Contractor's employees are assigned to work. The Contractor, where possible, will assign two or more women to each construction project. The Contractor shall specifically ensure that all foremen, superintendents, and other onsite supervisory personnel are aware of and carry out the Contractor's obligation to maintain such a working environment, with specific attention to minority or female individuals working at such sites or in such facilities.

b. Establish and maintain a current list of minority and female recruitment sources, provide written notification to minority and female recruitment sources and to community organizations when the Contractor or its unions have employment opportunities available, and maintain a record of the organizations' responses.

c. Maintain a current file of the names, addresses, and telephone numbers of each minority and female off-the-street applicant and minority or female referral from a union, a recruitment source, or community organization and of what action was taken with respect to each such individual. If such individual was sent to the union hiring hall for referral and was not referred back to the Contractor by the union or, if referred, not employed by the Contractor, this shall be documented in the file with the reason therefore along with whatever additional actions the Contractor may have taken.

d. Provide immediate written notification to the Director when the union or unions with which the Contractor has a collective bargaining agreement has not referred to the Contractor a minority person or female sent by the Contractor, or when the Contractor has other information that the union referral process has impeded the Contractor's efforts to meet its obligations.

**EXHIBIT E – FAA CONTRACT PROVISIONS**

- e. Develop on-the-job training opportunities and/or participate in training programs for the area which expressly include minorities and women, including upgrading programs and apprenticeship and trainee programs relevant to the Contractor's employment needs, especially those programs funded or approved by the Department of Labor. The Contractor shall provide notice of these programs to the sources compiled under 7b above.
- f. Disseminate the Contractor's EEO policy by providing notice of the policy to unions and training programs and requesting their cooperation in assisting the Contractor in meeting its EEO obligations; by including it in any policy manual and collective bargaining agreement; by publicizing it in the company newspaper, annual report, etc.; by specific review of the policy with all management personnel and with all minority and female employees at least once a year; and by posting the company EEO policy on bulletin boards accessible to all employees at each location where construction work is performed.
- g. Review, at least annually, the company's EEO policy and affirmative action obligations under these specifications with all employees having any responsibility for hiring, assignment, layoff, termination, or other employment decisions, including specific review of these items, with onsite supervisory personnel such as superintendents, general foremen, etc., prior to the initiation of construction work at any job site. A written record shall be made and maintained identifying the time and place of these meetings, persons attending, subject matter discussed, and disposition of the subject matter.
- h. Disseminate the Contractor's EEO policy externally by including it in any advertising in the news media, specifically including minority and female news media, and providing written notification to and discussing the Contractor's EEO policy with other contractors and subcontractors with whom the Contractor does or anticipates doing business.
- i. Direct its recruitment efforts, both oral and written, to minority, female, and community organizations, to schools with minority and female students; and to minority and female recruitment and training organizations serving the Contractor's recruitment area and employment needs. Not later than one month prior to the date for the acceptance of applications for apprenticeship or other training by any recruitment source, the Contractor shall send written notification to organizations, such as the above, describing the openings, screening procedures, and tests to be used in the selection process.
- j. Encourage present minority and female employees to recruit other minority persons and women and, where reasonable, provide after school, summer, and vacation employment to minority and female youth both on the site and in other areas of a contractor's workforce.
- k. Validate all tests and other selection requirements where there is an obligation to do so under 41 CFR part 60-3.
- l. Conduct, at least annually, an inventory and evaluation at least of all minority and female personnel, for promotional opportunities and encourage these employees to seek or to prepare for, through appropriate training, etc., such opportunities.
- m. Ensure that seniority practices, job classifications, work assignments, and other personnel practices do not have a discriminatory effect by continually monitoring all personnel and

**EXHIBIT E – FAA CONTRACT PROVISIONS**

employment related activities to ensure that the EEO policy and the Contractor's obligations under these specifications are being carried out.

n. Ensure that all facilities and company activities are non-segregated except that separate or single user toilet and necessary changing facilities shall be provided to assure privacy between the sexes.

o. Document and maintain a record of all solicitations of offers for subcontracts from minority and female construction contractors and suppliers, including circulation of solicitations to minority and female contractor associations and other business associations.

p. Conduct a review, at least annually, of all supervisor's adherence to and performance under the Contractor's EEO policies and affirmative action obligations.

8. Contractors are encouraged to participate in voluntary associations, which assist in fulfilling one or more of their affirmative action obligations (7a through 7p). The efforts of a contractor association, joint contractor union, contractor community, or other similar groups of which the Contractor is a member and participant may be asserted as fulfilling any one or more of its obligations under 7a through 7p of these specifications provided that the Contractor actively participates in the group, makes every effort to assure that the group has a positive impact on the employment of minorities and women in the industry, ensures that the concrete benefits of the program are reflected in the Contractor's minority and female workforce participation, makes a good faith effort to meet its individual goals and timetables, and can provide access to documentation which demonstrates the effectiveness of actions taken on behalf of the Contractor. The obligation to comply, however, is the Contractor's and failure of such a group to fulfill an obligation shall not be a defense for the Contractor's noncompliance.

9. A single goal for minorities and a separate single goal for women have been established. The Contractor, however, is required to provide equal employment opportunity and to take affirmative action for all minority groups, both male and female, and all women, both minority and non-minority. Consequently, if the particular group is employed in a substantially disparate manner (for example, even though the Contractor has achieved its goals for women generally), the Contractor may be in violation of the Executive Order if a specific minority group of women is underutilized.

10. The Contractor shall not use the goals and timetables or affirmative action standards to discriminate against any person because of race, color, religion, sex, or national origin.

11. The Contractor shall not enter into any subcontract with any person or firm debarred from Government contracts pursuant to Executive Order 11246.

12. The Contractor shall carry out such sanctions and penalties for violation of these specifications and of the Equal Opportunity Clause, including suspension, termination, and cancellation of existing subcontracts as may be imposed or ordered pursuant to Executive Order 11246, as amended, and its implementing regulations, by the Office of Federal Contract Compliance Programs. Any contractor who fails to carry out such sanctions and penalties shall be in violation of these specifications and Executive Order 11246, as amended.

13. The Contractor, in fulfilling its obligations under these specifications, shall implement specific affirmative action steps, at least as extensive as those standards prescribed in paragraph 7 of these specifications, so as to achieve maximum results from its efforts to ensure equal employment opportunity. If the Contractor fails to comply with the requirements of the Executive Order, the



**EXHIBIT E – FAA CONTRACT PROVISIONS**

implementing regulations, or these specifications, the Director shall proceed in accordance with 41 CFR part 60-4.8.

14. The Contractor shall designate a responsible official to monitor all employment related activity to ensure that the company EEO policy is being carried out, to submit reports relating to the provisions hereof as may be required by the Government, and to keep records. Records shall at least include for each employee, the name, address, telephone number, construction trade, union affiliation if any, employee identification number when assigned, social security number, race, sex, status (e.g., mechanic, apprentice, trainee, helper, or laborer), dates of changes in status, hours worked per week in the indicated trade, rate of pay, and locations at which the work was performed. Records shall be maintained in an easily understandable and retrievable form; however, to the degree that existing records satisfy this requirement, contractors shall not be required to maintain separate records.

15. Nothing herein provided shall be construed as a limitation upon the application of other laws which establish different standards of compliance or upon the application of requirements for the hiring of local or other area residents (e.g. those under the Public Works Employment Act of 1977 and the Community Development Block Grant Program).

**EXHIBIT E – FAA CONTRACT PROVISIONS****FEDERAL FAIR LABOR STANDARDS**

All contracts and subcontracts that result from this solicitation incorporate by reference the provisions of 29 CFR part 201, the Federal Fair Labor Standards Act (FLSA), with the same force and effect as if given in full text. The FLSA sets minimum wage, overtime pay, recordkeeping, and child labor standards for full and part-time workers.

The Consultant has full responsibility to monitor compliance to the referenced statute or regulation. The Consultant must address any claims or disputes that arise from this requirement directly with the U.S. Department of Labor – Wage and Hour Division.

**EXHIBIT E – FAA CONTRACT PROVISIONS****CERTIFICATION REGARDING LOBBYING**

The Bidder or Offeror certifies by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

- (1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the Bidder or Offeror, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
- (3) The undersigned shall require that the language of this certification be included in the award documents for all sub-awards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all sub-recipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

**EXHIBIT E – FAA CONTRACT PROVISIONS****PROHIBITION OF SEGREGATED FACILITIES**

- (a) The Contractor agrees that it does not and will not maintain or provide for its employees any segregated facilities at any of its establishments, and that it does not and will not permit its employees to perform their services at any location under its control where segregated facilities are maintained. The Contractor agrees that a breach of this clause is a violation of the Equal Employment Opportunity clause in this contract.
- (b) “Segregated facilities,” as used in this clause, means any waiting rooms, work areas, rest rooms and wash rooms, restaurants and other eating areas, time clocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees that are segregated by explicit directive or are in fact segregated on the basis of race, color, religion, sex, or national origin because of written or oral policies or employee custom. The term does not include separate or single-user rest rooms or necessary dressing or sleeping areas provided to assure privacy between the sexes.
- (c) The Contractor shall include this clause in every subcontract and purchase order that is subject to the Equal Employment Opportunity clause of this contract.

**EXHIBIT E – FAA CONTRACT PROVISIONS****OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970**

All contracts and subcontracts that result from this solicitation incorporate by reference the requirements of 29 CFR Part 1910 with the same force and effect as if given in full text. The employer must provide a work environment that is free from recognized hazards that may cause death or serious physical harm to the employee. The employer retains full responsibility to monitor its compliance and their subcontractor's compliance with the applicable requirements of the Occupational Safety and Health Act of 1970 (29 CFR Part 1910). The employer must address any claims or disputes that pertain to a referenced requirement directly with the U.S. Department of Labor – Occupational Safety and Health Administration.

**EXHIBIT E – FAA CONTRACT PROVISIONS****PROCUREMENT OF RECOVERED MATERIALS**

Contractor and subcontractor agree to comply with Section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act, and the regulatory provisions of 40 CFR Part 247. In the performance of this contract and to the extent practicable, the Contractor and subcontractors are to use products containing the highest percentage of recovered materials for items designated by the Environmental Protection Agency (EPA) under 40 CFR Part 247 whenever:

- 1) The contract requires procurement of \$10,000 or more of a designated item during the fiscal year; or
- 2) The contractor has procured \$10,000 or more of a designated item using Federal funding during the previous fiscal year.

The list of EPA-designated items is available at [www.epa.gov/smm/comprehensive-procurement-guidelines-construction-products](http://www.epa.gov/smm/comprehensive-procurement-guidelines-construction-products).

Section 6002(c) establishes exceptions to the preference for recovery of EPA-designated products if the contractor can demonstrate the item is:

- a) Not reasonably available within a timeframe providing for compliance with the contract performance schedule;
- b) Fails to meet reasonable contract performance requirements; or
- c) Is only available at an unreasonable price.

**EXHIBIT E – FAA CONTRACT PROVISIONS****RIGHTS TO INVENTIONS**

Contracts or agreements that include the performance of experimental, developmental, or research work must provide for the rights of the Federal Government and the Owner in any resulting invention as established by 37 CFR part 401, Rights to Inventions Made by Non-profit Organizations and Small Business Firms under Government Grants, Contracts, and Cooperative Agreements. This contract incorporates by reference the patent and inventions rights as specified within 37 CFR §401.14.

Contractor must include this requirement in all sub-tier contracts involving experimental, developmental, or research work.

**EXHIBIT E – FAA CONTRACT PROVISIONS****SEISMIC SAFETY**

In the performance of design services, the Consultant agrees to furnish a building design and associated construction specification that conform to a building code standard that provides a level of seismic safety substantially equivalent to standards as established by the National Earthquake Hazards Reduction Program (NEHRP). Local building codes that model their building code after the current version of the International Building Code (IBC) meet the NEHRP equivalency level for seismic safety. At the conclusion of the design services, the Consultant agrees to furnish the Owner a “certification of compliance” that attests conformance of the building design and the construction specifications with the seismic standards of NEHRP or an equivalent building code.



**EXHIBIT E – FAA CONTRACT PROVISIONS****CERTIFICATION OF OFFERER/BIDDER REGARDING TAX DELINQUENCY AND FELONY CONVICTIONS**

The applicant must complete the following two certification statements. The applicant must indicate its current status as it relates to tax delinquency and felony conviction by inserting a checkmark (✓) in the space following the applicable response. The applicant agrees that, if awarded a contract resulting from this solicitation, it will incorporate this provision for certification in all lower tier subcontracts.

**Certifications**

- 1) The applicant represents that it is (  ) is not (  ) a corporation that has any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability.
- 2) The applicant represents that it is (  ) is not (  ) is not a corporation that was convicted of a criminal violation under any Federal law within the preceding 24 months.

**Note**

If an applicant responds in the affirmative to either of the above representations, the applicant is ineligible to receive an award unless the sponsor has received notification from the agency suspension and debarment official (SDO) that the SDO has considered suspension or debarment and determined that further action is not required to protect the Government's interests. The applicant therefore must provide information to the owner about its tax liability or conviction to the Owner, who will then notify the FAA Airports District Office, which will then notify the agency's SDO to facilitate completion of the required considerations before award decisions are made.

**Term Definitions**

**Felony conviction:** Felony conviction means a conviction within the preceding twentyfour (24) months of a felony criminal violation under any Federal law and includes conviction of an offense defined in a section of the U.S. code that specifically classifies the offense as a felony and conviction of an offense that is classified as a felony under 18 U.S.C. § 3559.

**Tax Delinquency:** A tax delinquency is any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted, or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability.

<b>EXHIBIT E – FAA CONTRACT PROVISIONS</b>
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### **TERMINATION FOR CONVENIENCE (PROFESSIONAL SERVICES)**

The Owner may, by written notice to the Consultant, terminate this Agreement for its convenience and without cause or default on the part of Consultant. Upon receipt of the notice of termination, except as explicitly directed by the Owner, the Contractor must immediately discontinue all services affected.

Upon termination of the Agreement, the Consultant must deliver to the Owner all data, surveys, models, drawings, specifications, reports, maps, photographs, estimates, summaries, and other documents and materials prepared by the Engineer under this contract, whether complete or partially complete.

Owner agrees to make just and equitable compensation to the Consultant for satisfactory work completed up through the date the Consultant receives the termination notice. Compensation will not include anticipated profit on non-performed services.

Owner further agrees to hold Consultant harmless for errors or omissions in documents that are incomplete as a result of the termination action under this clause.

### **TERMINATION FOR DEFAULT (PROFESSIONAL SERVICES)**

Either party may terminate this Agreement for cause if the other party fails to fulfill its obligations that are essential to the completion of the work per the terms and conditions of the Agreement. The party initiating the termination action must allow the breaching party an opportunity to dispute or cure the breach.

The terminating party must provide the breaching party [7] days advance written notice of its intent to terminate the Agreement. The notice must specify the nature and extent of the breach, the conditions necessary to cure the breach, and the effective date of the termination action. The rights and remedies in this clause are in addition to any other rights and remedies provided by law or under this agreement.

- a) **Termination by Owner:** The Owner may terminate this Agreement in whole or in part, for the failure of the Consultant to:
1. Perform the services within the time specified in this contract or by Owner approved extension;
  2. Make adequate progress so as to endanger satisfactory performance of the Project; or
  3. Fulfill the obligations of the Agreement that are essential to the completion of the Project.

Upon receipt of the notice of termination, the Consultant must immediately discontinue all services affected unless the notice directs otherwise. Upon termination of the Agreement, the Consultant must deliver to the Owner all data, surveys, models, drawings, specifications, reports, maps, photographs, estimates, summaries, and other documents and materials prepared by the Engineer under this contract, whether complete or partially complete.

Owner agrees to make just and equitable compensation to the Consultant for satisfactory work completed up through the date the Consultant receives the termination notice. Compensation will not include anticipated profit on non-performed services.

Owner further agrees to hold Consultant harmless for errors or omissions in documents that are incomplete as a result of the termination action under this clause.

If, after finalization of the termination action, the Owner determines the Consultant was not in default of the Agreement, the rights and obligations of the parties shall be the same as if the Owner issued the termination for the convenience of the Owner.

**EXHIBIT E – FAA CONTRACT PROVISIONS**

- b) **Termination by Consultant:** The Consultant may terminate this Agreement in whole or in part, if the Owner:
1. Defaults on its obligations under this Agreement;
  2. Fails to make payment to the Consultant in accordance with the terms of this Agreement;
  3. Suspends the Project for more than [180] days due to reasons beyond the control of the Consultant.

Upon receipt of a notice of termination from the Consultant, Owner agrees to cooperate with Consultant for the purpose of terminating the agreement or portion thereof, by mutual consent. If Owner and Consultant cannot reach mutual agreement on the termination settlement, the Consultant may, without prejudice to any rights and remedies it may have, proceed with terminating all or parts of this Agreement based upon the Owner's breach of the contract.

In the event of termination due to Owner breach, the Engineer is entitled to invoice Owner and to receive full payment for all services performed or furnished in accordance with this Agreement and all justified reimbursable expenses incurred by the Consultant through the effective date of termination action. Owner agrees to hold Consultant harmless for errors or omissions in documents that are incomplete as a result of the termination action under this clause.

<b>EXHIBIT E – FAA CONTRACT PROVISIONS</b>
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**TRADE RESTRICTION CERTIFICATION**

By submission of an offer, the Offeror certifies that with respect to this solicitation and any resultant contract, the Offeror –

- 1) is not owned or controlled by one or more citizens of a foreign country included in the list of countries that discriminate against U.S. firms as published by the Office of the United States Trade Representative (USTR);
- 2) has not knowingly entered into any contract or subcontract for this project with a person that is a citizen or national of a foreign country included on the list of countries that discriminate against U.S. firms as published by the USTR; and
- 3) has not entered into any subcontract for any product to be used on the Federal project that is produced in a foreign country included on the list of countries that discriminate against U.S. firms published by the USTR.

This certification concerns a matter within the jurisdiction of an agency of the United States of America and the making of a false, fictitious, or fraudulent certification may render the maker subject to prosecution under Title 18 USC Section 1001.

The Offeror/Contractor must provide immediate written notice to the Owner if the Offeror/Contractor learns that its certification or that of a subcontractor was erroneous when submitted or has become erroneous by reason of changed circumstances. The Contractor must require subcontractors provide immediate written notice to the Contractor if at any time it learns that its certification was erroneous by reason of changed circumstances.

Unless the restrictions of this clause are waived by the Secretary of Transportation in accordance with 49 CFR 30.17, no contract shall be awarded to an Offeror or subcontractor:

- 1) who is owned or controlled by one or more citizens or nationals of a foreign country included on the list of countries that discriminate against U.S. firms published by the USTR or
- 2) whose subcontractors are owned or controlled by one or more citizens or nationals of a foreign country on such USTR list or
- 3) who incorporates in the public works project any product of a foreign country on such USTR list.

Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render, in good faith, the certification required by this provision. The knowledge and information of a contractor is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

The Offeror agrees that, if awarded a contract resulting from this solicitation, it will incorporate this provision for certification without modification in all lower tier subcontracts. The Contractor may rely on the certification of a prospective subcontractor that it is not a firm from a foreign country included on the list of countries that discriminate against U.S. firms as published by USTR, unless the Offeror has knowledge that the certification is erroneous.

This certification is a material representation of fact upon which reliance was placed when making an award. If it is later determined that the Contractor or subcontractor knowingly rendered an erroneous certification, the Federal Aviation Administration (FAA) may direct through the Owner cancellation of the contract or subcontract for default at no cost to the Owner or the FAA.

**VETERAN'S PREFERENCE**

In the employment of labor (excluding executive, administrative, and supervisory positions), the Contractor and all sub-tier contractors must give preference to covered veterans as defined within Title 49 United States Code Section 47112. Covered veterans include Vietnam-era veterans, Persian Gulf veterans, Afghanistan-Iraq war veterans, disabled veterans, and small business concerns (as defined by 15 USC 632) owned and controlled by disabled veterans. This preference only applies when there are covered veterans readily available and qualified to perform the work to which the employment relates.