

CONSULTANT WORK ORDER

Date:	06/25/2024
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1. PROJECT INFORMATION:

Project Title:	Air Park Renovations	
City Project Number:	23-0015-AP	
City Plan Set Number:		
Consultant Project Number:	CLW23002	

2. SCOPE OF SERVICES:

American Infrastructure Development, Inc. (AID) (CONSULTANT) has been requested to perform architectural and engineering services for the Clearwater Air Park General Aviation (GA) Terminal and parking lot improvements (PROJECT) based on the scope of work outlined in the City of Clearwater's (Owner's) Request for Qualifications #17-24 Design Services-Airpark Renovations, dated January 22, 2024. The Project Stakeholders for the project include the Airport Staff, FLY USA, and Paradise Ventures. AID will provide discovery, conceptual design services including programming, conceptual design rendered elevations, development of Permit and Construction Documents and full A/E services for the proposed building and related parking lot sitework. AID will be providing architectural, civil, building, structural, mechanical, electrical, plumbing and fire protection services; and will serve as the Prime Consultant for the project. The anticipated Design Phase services are to be completed by May 8, 2025, and are to include the following elements:

- General Aviation Terminal (two story scheme), approximately 17,000 - 19,000-SF;
- Site Plan Development and Storm water Engineering for the facility parking lot;
- Sample material & color palette for presentations exhibit (Digital Finish Board);
- Conceptual Design Documents to confirm the project costs;
- Design Development Documents;
- Contract Documents (CD) 30%, 90% and 100% CD submittals;
- Coordination with all Sub-Consultants;
- Permitting documents and coordination with the AHJ;
- Bidding Phase Services; and
- Limited Construction Administration and Project Closeout Services. (No Full time Inspection or RPR Services)

The project delivery method will be Design-Bid-Build.

This scope of work has been divided into the following tasks for the site and building design and are listed in anticipated chronological order:

Task 1 – Discovery Project Kick-off Meeting Including Programming Confirmation

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Task 2 – Conceptual Building and Site Design

Task 3 – Contract Document Submittals 30%, 90% & 100% (60% Submittal Excluded)

Task 4 – Permitting & Bidding

Task 5 – Limited Construction Phase Services/Project Close Out

A/E tasks anticipated for development of the design, contract documents and project delivery include permit documents, and bidding, phase services. Scope and fee for future or additional requested tasks will be developed at a later date. AID and its subconsultants' detailed scope of services are provided in the detailed-man-hour estimate included in Attachment "B", that also defines scope elements that are not included. A contingency has been established for added labor costs required to be performed to complete the project, as noted in the attachments.

I. PRE-DESIGN PHASE (Discovery/Facility Programming):

Task 1.1: Review Existing Documents and Field Survey of Existing Conditions and proposed Geometrics.

Task 1.2: Site Survey/Geotechnical Coordination and Evaluation (Excluded from this Task Order. To be provided under separate contract by the City from other consultants)

II. CONCEPTUAL DESIGN PHASE (30% Conceptual Design):

Task 2.1: GA Terminal Concepts

Task 2.2: Preliminary Design Concepts/Finish Boards including Site Stormwater and Drainage Concepts

Task 2.3: Concepts Review Meeting

Task 2.4: Final Concept Design

III. FINAL DESIGN PHASE (90%, 100% Design Development and Contract Documents):

Task 3.1: GA Terminal Design Development, Calculations, Specifications and Contract Drawings

Task 3.2: Design Development and Contract Document Review Meetings

IV. PERMITTING AND BIDDING PHASE:

Task 4.1: Site and Building Permits and Bid Phase Drawings

Task 4.2: Pre-Bid Meeting

V. CONSTRUCTION PHASE AND PROJECT CLOSEOUT

Task 5.1: GA Terminal Construction Administration

Task 5.2: Job Progress Meetings (None Included)

Task 5.3: Punch List and Project Closeout

VI. EXPENSES AND CONTINGENCIES

- Task 6.1: Expense and Reproduction Allowance
- Task 6.2: Labor Contingency (T&M for Out-of-Scope Items)
- Task 6.3 Prepare and submit FAA Airspace Analysis form 7460 through the FAA OE/AAA Online portal for temporary, permanent, and crane impacts to the airspace during construction and for the permanent building height.

VII. ASSUMPTIONS AND EXCLUSIONS

- The GA Terminal will be an essential facility and the structural engineer will design foundations and will establish the structural parameters/performance/wind load criteria for the building. The roof trusses will be a delegated design element.
- Scope excludes preparing an update to the Airport Layout Plan (ALP), the Airport Master Plan (AMP), or the Airport Master Drainage Plan (AMDP).
- Scope excludes discovery of unsuitable materials/soils, underground utility locations within the limits of the building wetland delineation or wetland mitigation and associated permitting. It is assumed that the site has been formally cleared of these items.
- Scope excludes hazardous materials surveys and mitigation and associated permitting.
- OWNER will provide the CONSULTANT and Subconsultants access to the site to perform site investigations, as necessary. CONSULTANT is responsible for badge fees and escorting CONSULTANT's staff onsite, if SIDA is required.
- OWNER and the Stakeholders will provide all available information pertinent to the design and construction of this project.
- The design phase includes a single design concept, and the scope does not include multiple refinements after the Preferred Design concept is approved by the City of Clearwater and the Stakeholders. Multiple design iterations are not included in the scope of work.
- There are no DBE goals or requirements for this contract.
- MEP&FP and Structural Subconsultants will not attend OWNER meetings unless specially stated otherwise.
- The conceptual design will be prepared in AutoDesk Civil 3D format, latest version.
- Grant services are currently excluded from the scope of work. OWNER will submit any grant applications that might be required.
- Construction Phasing, Sequencing, and Scheduling have been excluded
- Scope excludes Gopher Tortoise and Burrowing Owl surveys.
- On-Site Resident Project Representative has not been included in this fee proposal, but can be provided on a time and material bases at the City Approved rates for this contract.
- Special purpose protected species surveys for the Florida bonneted bat, the Florida Scrub-Jay, Bald Eagles and/or the Crested Caracara are not included in this scope.
- Formal consultation meetings or correspondence with the USFWS to address potential protected species impacts are not included in this scope.

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- OWNER may negotiate additional contract(s) or tasks with CONSULTANT for services beyond the scope or assumptions of this project for PROJECT related services not specifically identified herein.
- The scope of work excludes any zoning, sound mitigation, Geotech or survey work.
- The schedule of work is based on receiving feedback from the City of Clearwater and the Stakeholders in the timeframes outlined and does not include additional design work once the Preferred Alternate has been selected and approved by the City of Clearwater and Stakeholders.
- The Permit and plan review fees will be paid by the City of Clearwater and the Stakeholders.
- The Scope of Work does not include full time construction inspection.
- 3 Dimensional (3D) Renderings are not included in the scope of work.
- Pressure tests for water mains have been excluded from the consultants scope and will be provided by the operator.

3. PROJECT GOALS:

Task I – Discovery Project Kick-off Meeting including programming confirmation

AID will review the site and available documents provided by the City and the Airport prior to visiting the field to confirm existing conditions. In addition, a preliminary draft facility program will be generated for the GA Terminal and sitework to confirm the scope of the building, geometric layout of the parking area, and anticipated drive lane pavement thicknesses. The kick-off meeting will be attended in person.

Based on the drawings provided by the City of Clearwater, it is assumed that additional site survey information will be required to provide grading and site utility information. Site survey information will be used for coordination of the building location/foundations and will be provided by the City of Clearwater by a surveyor contracted separately. Geotechnical Engineering will be provided under a separate contract by the City of Clearwater. The proposed site has a history of being used for disposal and as a landfill site; investigation of hazardous material and the extent of hidden conditions and landfill material is excluded from AID's scope of work. The site design and building locations are preliminarily set based on the drawings included in the RFQ. Sound mitigation, ALP Updates and sitework beyond the parking lot are specifically excluded from this proposal.

Task I Deliverables: Existing conditions field report and preliminary facility program submitted electronically in Excel format. AID will assist in the development of meeting minutes based on the feedback from the City of Clearwater and the Stakeholders.

Travel: One (1) On-site meeting site visit.

Task II – Conceptual Building and Site Design (30% Design Development)

- A. AID will provide conceptual design documents including floor plans, elevations of the proposed building and a preliminary pavement and drainage design for the parking lot based on the current City of Clearwater and Airport Design Standards. The floor plan and

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finishes for the GA Terminal will be based on the City of Clearwater's and FLY USA's approved program. The GA Terminal will be a two-story building and will include the following elements, based on a Florida Vernacular Design Theme:

- Gathering Space for Potential Civil Air Patrol and Educational/Training events, Corporate Gatherings, and City Public Meetings, FBO and Flight Operations Spaces, Flight Training Offices, a Second-Floor Office Space for Fly USA.
- A Charter Passenger Lounge and Pilot's Lounge including a rest area, TV lounge workspace, a private restroom and shower, and flight planning room will be provided on the ground floor of the facility.
- The Design scope includes development of a single design concept for the proposed GA Terminal. Extensive revisions and multiple design refinements after the Preferred Alternate (Final Concept) is approved by the City of Clearwater and the Stakeholders are excluded from this proposal.

- B. AID will prepare Preliminary Design Concepts for review with the City of Clearwater and the Stakeholders. The concepts will outline the project scope and indicate options for the various work areas. Exhibits will be based on the City of Clearwater's and Stakeholder's approved program, preliminary site plan included in the RFQ, and existing conditions compiled in Task 1. AID will perform an internal Quality Control review of the Concepts. The Concepts will be updated based on feedback from the City of Clearwater and the Stakeholders based on the Preferred Alternate site and floor plan for the GA Terminal.

Digital finish boards for the building and draft technical specifications for the project will be provided for the GA Terminal, based on an up-scale and Class A type space for consideration by the City of Clearwater and Stakeholders. Two digital finish board schemes will be provided for consideration. Physical material samples will not be provided, only photographic images.

Concept options and digital finish boards will be provided by AID in preparation for a Concept Review Meeting to discuss the options and obtain feedback.

- C. After the City of Clearwater and Stakeholders have had adequate time to review the conceptual options, AID will prepare the required graphic materials, assist in the development of an agenda will assist in facilitating a meeting with the City of Clearwater and the Stakeholders to present and review the design concept. The meeting will be attended in-person.
- D. Based on feedback from the Task II.C Concepts Design Review Meeting, AID will update and further develop a single Design Concept based on feedback from the City of Clearwater and Stakeholders. The colored Elevation two-dimensional renderings will be based on the approved elevations for the project. An Estimate of Probable Cost broken down by CSI Division 1-6 Format will be prepared by the airport operator's cost estimator based on square foot costs and historical cost data for the project. A meeting with the City of Clearwater's

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Zoning Department or Architectural design Review Committee is excluded from this scope of work.

This Design Concept will be provided to the City of Clearwater and the Project Stakeholders in preparation for continued development of the project in future tasks and the meeting will be attended in person. AID will assist in the preparation of a meeting agenda and meeting summary for the meetings with the Airport and the City.

Task II Deliverables:

- a. **Conceptual Plan:** One conceptual plan and exterior elevations for the GA Terminal (2 story scheme) and parking lot site plan. (PDF format with 11"x17" paper drawings provided for Concept Review Meeting). AID will assist in developing meeting minutes based on the City of Clearwater and the Stakeholder's feedback.
- b. **Preliminary Concept Design:** One updated concept option (PDF format with 11"x17" paper drawings provided for Concept Review Meeting), and one final design concept based on feedback from the City of Clearwater and Stakeholders on the Preferred Alternate (Final Concept Design). The documents will include a site plan, floor plans and elevations of the buildings. AID will assist in developing meeting minutes based on the City of Clearwater and the Stakeholder's feedback.
- c. **Final Concept Design:** A Single Final Design Concept (PDF format with 11"x17" paper drawings provided for the Final Concept Review Meeting), colored elevation-2-D renderings of the facility. AID will assist in developing meeting minutes based on the City of Clearwater and the Stakeholder's feedback.

Travel: Three (3) In-Person Meetings

Task III: Final Contract Documents (90% and 100% Contract Documents)

- A. Upon approval of the Design Development (DD) drawings (30% CDs) by the City of Clearwater and the Stakeholders, the Contract Documents (Drawings and Specifications) will be prepared including, 90%, and 100% submittal milestones. Submittal review meetings will be conducted with the City of Clearwater and the Stakeholders for each milestone. The structural, mechanical, electrical, fire protection, plumbing and fire protection engineers (AID Subconsultants) will be engaged to attend the design progress meetings during this phase of the project delivery. Inter-disciplinary coordination will occur with all Project Team members through regularly scheduled design progress meetings.

The Estimate of Probable Costs will be updated with each milestone submittal and provided by the Airport Operator for inclusion in each submittal. The City of Clearwater's and the Stakeholder's comments will be tracked utilizing a Bluebeam Review process, with resolved issues and comments highlighted in yellow. QA/QC procedures and documentation will be followed for each submission.

- B. After the City of Clearwater and the Stakeholders have approved the conceptual options and the design is finalized, AID will prepare the required materials and facilitate a meeting with the City of Clearwater and the Stakeholders to present and review the progress of the Design Development and progress of the Contract Documents at DD/30%, 90%, & 100% milestone submittals. Progress review meetings for the 90% and 100% submittals will be conducted virtually via Microsoft Teams; the DD/30% review meetings will be attended in person. A preliminary meeting with the Building Department will be conducted as part of the 90% submittal. The structural, mechanical, electrical, plumbing and fire protection engineers (AID-Subconsultants) will be engaged to attend the design progress meetings during this phase of the project delivery. Inter-disciplinary coordination will occur with all Project Team members through regularly scheduled design progress meetings. The 60% CD milestone is excluded from this proposal; however, AID will prepare the 60% set of CDs for internal and subconsultant coordination and pre-permitting meetings with the Building Department and Site Permitting Agencies (AHJs).

Task III Deliverables: Milestone submittal documents. (PDF format with 11"x17" digital drawings will be provided for Milestone Review Meetings and AID will assist in developing meeting agendas & minutes/action items for each meeting. Estimate of Probable Cost updates for each milestone submittal will be provided by Airport Operator for inclusion in the milestone deliverable. The QA/QC documentation will be provided by AID and the AID-subconsultants for the architectural, structural, mechanical, electrical, plumbing and fire protection scope of work.

Travel: Three (3) In-Person Meetings

Task IV: Permitting and Bidding Phase Services

- A. AID will prepare applicable permit drawings for the project and submit a permit application to the City for Approval. Anticipated permitting agencies will include the following:
- a. City of Clearwater
 - i. Building (including Mech/Elec/Plumb/Fire)
 - ii. Landscape Review (AID to provide code compliant landscape plans through their subconsultant, Coyle and Caron, for review)
 - iii. Traffic Operations (AID to submit traffic study if required)
 - iv. Utility
 - v. Clearing and Grubbing
 - vi. Planning and Zoning
 - b. SWFWMD
 - i. Environmental Resource Permit (including submittal of applicable report to City for concurrence)
 - c. FAA
 - i. Temporary, Permanent, and Crane Obstruction Permits
- B. AID will provide full sized signed and sealed drawings for the GA Terminal and Parking Lot based on the City of Clearwater's and the Stakeholder's Approved Design and Contract

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Documents. The Bid Phase Drawings and Specifications will be assembled in pdf format for electronic distribution to prospective Bidders by the City of Clearwater. AID and the AID Subconsultants will assist in the responses to Bidder questions and requests for clarification and prepare the applicable Addendum Documents. Once the Bids are received then the Bidder submissions and supporting information will be reviewed by AID, and AID will assist in the formulation of a Recommendation of Award that will be generated based on the lowest responsive bidder.

- C. After the City of Clearwater and the Stakeholders have approved the Contract Documents and the procurement documents have been assembled and approved the City of Clearwater, then a Pre-Bid Meeting date will be set, and the Bid Documents will be issued. AID will assist as needed with the pre-bid meeting.

Task IV Deliverables: Signed and sealed drawings for permitting. (PDF format and 24"x36" paper signed and sealed drawings provided for Building Department and Site Permitting Agency review.

Task V – Construction Administration Services:

AID will provide limited construction administration phase services for the GA Terminal and Parking Lot including shop drawing review, a limited number of AID and its Subconsultant site visits, preparation of responses to the Contractor's Substitution Requests & Request for Information and Clarifications, Substantial Completion & Final Completion inspections and review of the Contractor's project close-out documents, as outlined in Attachment "B". A set and specific number of hours have been estimated for this phase of the project scope. Review of the Contractor's Pay Applications and Change Order resolution are excluded for the Scope of AID's Work.

A/E inspections will be conducted at Substantial Completion and Final Completion milestones once the Contractor's request for these inspections is received by AID. Only two inspections are included in this scope of work, multiple, interim or follow up inspections are not part of the scope of services.

Task V Deliverables: AID will prepare a punch list and final punch list of construction work or deficiencies that remain to be completed. These documents will be provided to the City of Clearwater, the Project Stakeholders, and the Contractor in electronic (PDF) format.

Travel Time Allocation: 14 Site Visits or on-Site Meetings (Including Pre-Construction and Substantial Completion/Final Completion Meetings). Virtual General Coordination Meetings with Clearwater Airpark will take place monthly starting from NTP through the anticipated 20-month construction phase.

4. FEES:

See Attachment "A". This price includes labor and expenses anticipated to be incurred by American Infrastructure Development, Inc. for the completion of the tasks defined in this Consultant Work Order in accordance with Professional Services Method "B" – Lump Sum –

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Percentage of Completion by Task, for a fee not to exceed Four Hundred and Thirty-Two Thousand, Four Hundred Dollars and fifty cents (\$432,400.50). AID will prepare permit submittals and obtain pricing from permit agencies for the City to issue a check for direct costs.

5. SCHEDULE:

The manhour fee estimate is based on the following milestone durations and review periods:

TASK	DURATION (Calendar Days)
Design Notice to Proceed (Estimated August 15, 2024)	0
Task 1.1 – Review of Existing Documents and Field Survey of Existing Conditions & Programming	1 week
Task 2.1 – GA Terminal Concepts	2 weeks
City of Clearwater and Stakeholder Review Period	1 week
Task 2.2 – Conceptual Design Concepts	2 weeks
City of Clearwater and Stakeholder Review Period	1 week
Task 2.3 – Concept Review Meeting	1 week
Task 2.4 – Final Concept Design	3 weeks
Discovery & Conceptual Design Duration	11 Weeks
Task 3.1 Design Development & Contract Document Drawings:	
30% CDs	9 Weeks
90% CDs	12 Weeks
100% CDs	6 Weeks
Design Development and Contract Documents Duration:	27 Weeks
Task 4.1 Permit and Bid Phase:	
Permitting	8 Weeks
Bidding	10 Weeks
Permitting and Bid Phase Duration:	18 Weeks
Total Design and Permitting Duration:	56 Weeks

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Task 5.1 Construction Phase:	20 Months (TBD)

*Based on a professional services contract execution by August 15, 2024.

AID to provide a details CPM schedule upon execution of contract detailing exact dates and deliverable timeframes based upon the NTP date.

6. STAFF ASSIGNMENT:

Chip Hayward, AIA – Principal Architect (AID)

Michael Cummings, BSCE – Project Manager (AID)

Rozeth Aquino – Architectural Designer (AID)

7. CORRESPONDENCE/REPORTING PROCEDURES:

Consultant's project correspondence shall be directed to:

Kyle Holley, PE

813-426-4515

KHolley@AIDinc.us

All City project correspondence shall be directed to:

Raymond Dresch – 727-444-8775

Raymond.dresch@myclearwater.com

Cc: Michael MacDonald, Marine and Aviation Director (727-224-7005)

michael.mcdonald@myclearwater.com

Cc: William Hodgson, Marine and Aviation Operations Manager (727-444-7692)

william.hodgson@myclearwater.com

8. INVOICING/FUNDING PROCEDURES:

City Invoicing Code: _____ 3027302-563600-
G2307 _____

For work performed, invoices shall be submitted monthly to:

Attention: Aaron Braley, Controller

City of Clearwater, Marine and Aviation Department

25 Causeway Blvd

Clearwater, FL, 33767

Aaron.braley@myclearwater.com

Contingency services will be billed as incurred only after written authorization provided by the City to proceed with those services.

9. INVOICING PROCEDURES:

At a minimum, in addition to the invoice amount(s) the following information shall be provided on all invoices submitted on the Work Order:

1. Purchase Order, Project and Invoice Numbers and Contract Amount.
2. The time period (begin and end date) covered by the invoice.
3. A short narrative summary of activities completed in the time period.
4. Contract billing method – Lump Sum or Hourly Rate.
5. If Lump Sum, the percent completion, amount due, previous amount earned and total earned to date for all tasks (direct costs, if any, shall be included in lump sum amount).
6. If Hourly Rate, hours, hourly rates, names of individuals being billed, amount due, previous amount earned, the percent completion, total earned to date for each task and other direct costs (receipts will be required for any single item with a cost of \$50 or greater or cumulative monthly expenses greater than \$100).
7. If the Work Order is funded by multiple funding codes, an itemization of tasks and invoice amounts shall be broken out by funding code.

10. CONSIDERATIONS:

Consultant acknowledges the following:

1. The Consultant named above is required to comply with Section 119.0701, Florida Statutes, where applicable.
2. All City directives shall be provided by the City Project Manager.
3. "Alternate equals" shall not be approved until City Project Manager agrees.
4. All submittals must be accompanied by evidence each has been internally checked for QA/QC before providing to City.
5. Consultants/Contractors are not permitted to use City-owned equipment (i.e. sampling equipment, etc.).
6. PDF Documents posted on City website must be ADA accessible.

11. ADDITIONAL CONSIDERATIONS:

All work orders should include considerations for the following:

1. Sea Level Rise and Flood Resilience, as applicable.
2. Submittal of a Critical Path Method (CPM) Schedule(s).
3. Submittal of a Project Catalog with the following items, as appropriate:
 - a. Data requests, assumptions, critical correspondence, meeting agenda, sign-in sheets, meeting minutes, document comment-response log(s), technical memorandum/reports, addenda, progress reports, regulatory correspondence, and other project-related documents.
 - b. If construction project, also include design plans, conformed plans, change orders, field orders, RFIs, work change directives, addenda, progress reports,

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shop drawing and progress submittals, as-builts, record drawings, and other project-related documents such as O&M manuals and warranty information.

- c. At the conclusion of the project, CONSULTANT will combine this information into a Project Catalog and submit to the City for review and comment.

4. Arc Flash labeling requirements:

- a. All electrical designs and construction shall adhere to NFPA 70 E "Standard for Electrical Safety in the Workplace".
- b. Updated calculations of Fault and Arc Flash, and provisions for new or updated Arc Flash equipment labeling shall be included in the contract documents.


12. SPECIAL CONSIDERATIONS:

A man-hour estimate and summary has been included as Attachment "B"

13. SIGNATURES:

PREPARED BY:

APPROVED BY:



Sabina S. Chaudhry
President/CEO
American Infrastructure Development, Inc.

Tara Kivett, P.E.
City Engineer
City of Clearwater

July 24, 2024

Date

Date

ATTACHMENT "A"
CONSULTANT WORK ORDER – PROJECT FEES TABLE
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PROJECT FEES TABLE

Task	Description	Subconsult. Services	Arch Labor	Civil Labor	Total
1.0	Pre-Design				
1.1	Review of Existing Documents & Programming		\$28,425.75	\$5,001.00	\$33,426.75
Pre-Design Total:					\$33,426.75
2.0	Concept Design				
2.1	GA Terminal Conceptual Site Plan		\$6,868.75	\$1,832.00	\$8,700.75
2.2	Conceptual Design Concepts	\$42,744.00	\$54,700.50	\$12,602.00	\$110,046.50
2.3	Concept Review Meeting		\$590.00	\$433.00	\$1,023.00
2.4	Final Concept Design		\$881.25	\$2,088.00	\$2,969.25
Design Total:					\$122,739.50
3.0	Final Design Plans and Specifications				
3.1	Ga Terminal DD and Contract Docs	\$51,865.50	\$84,432.50	\$21,588.00	\$157,886.00
3.2	DD Coordination and Review Meetings		\$15,122.75	\$2,444.00	\$17,566.75
Final Design Plans and Specifications Total:					\$175,452.75
4.0	Bidding and Award				
4.1	Prepare and Distribute Bid Set	\$2,250	\$4,871.50	\$3,344.00	\$10,465.50
4.2	Pre-Bid Meeting		\$1,519.50	\$1,466.00	\$2,985.50
Permitting Services Total:					\$13,451.00
5.0	Construction Phase Services - Parking				
5.1	GA Terminal Construction Administration Services	\$25,120.50	\$25,202.50	\$5,960.00	\$56,283.00
5.2	Punch List and Project Closeout		\$10,092.50	\$1,782.00	\$11,874.50
Construction Phase Services Total:					\$68,157.50
SUBTOTAL, LABOR, AND SUB-CONTRACTORS:					
	Subtotal				\$413,227.50
6.1	Other Direct Costs (prints, photocopies, postage, etc.) (Not applicable to lump sum Work Orders)				\$2,740.00
6.2	Labor Contingency (T&M for Out-of-Scope Items)				\$13,500.00
6.3	FAA Airspace Analysis and OE/AAA Permit				\$2,933.00
GRAND TOTAL:					\$432,400.50

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CITY DELIVERABLES

1. FORMAT:

The design plans shall be compiled utilizing the following methods:

1. City of Clearwater CAD standards.
2. Datum: Horizontal and Vertical datum shall be referenced to North American Vertical Datum of 1988 (vertical) and North American Datum of 1983/90 (horizontal). The unit of measurement shall be the United States Foot. Any deviation from this datum will not be accepted unless reviewed by the City of Clearwater Engineering/Geographic Technology Division.

2. DELIVERABLES:

The design plans shall be produced on bond material, 24" x 36" at a scale of 1" = 20' unless approved otherwise. Upon completion the consultant shall deliver all drawing files in digital format with all project data in Autodesk Civil 3D file format.

NOTE: If approved deviation from Clearwater CAD standards is used, the Consultant shall include all necessary information to aid in manipulating the drawings including either PCP, CTB file or pen schedule for plotting. The drawing file shall include only authorized fonts, shapes, line types or other attributes contained in the standard release of Autodesk software. All block references and other references contained within the drawing file shall be included. Please address any questions regarding format to Mr. Thomas Mahony, at (727) 562-4762 or email address Thomas.Mahony@myClearwater.com.

All electronic files (including CAD and Specification files) must be delivered upon completion of project or with 100% plan submittal to City of Clearwater.