

# Board of Directors Meeting

January 25, 2021 09:00 AM



## Agenda Topic

## Presenter

### Agenda

I. Pledge of Allegiance/Moment of Silence

Wendy Hamilton

II. [Approval of Minutes](#)

Chairman Shelton

Board of Directors Meeting Minutes - December 7, 2020

III. Public Comments

IV. New Business

[AC2021-01-19-01](#)

James Bennett

Bartram Island DMMA Cell "C" Concept Development Design & Permitting, Taylor Engineering, Inc.

[AC2021-01-19-02](#)

Fred Wong

Repair & Installation of Video Surveillance Systems  
United Security Alliance, Inc.

V. CEO Update

Eric Green

VI. Reports

[R2021-01-01 Engineering and Construction Update](#)

James Bennett

[R2021-01-02 Financial Highlights by Beth McCague](#)

Info Only

[R2021-01-03 Financials/Vital Statistics](#)

Mike McClung

[R2021-01-04 Commercial Highlights](#)

Robert Peek

VII. Miscellaneous

[A. Awards Committee Meeting Minutes - Jan. 19, 2021](#)

B. Emergency Purchases - None

C. Unbudgeted Transactions - None

VIII. Adjourn

Chairman Shelton

The next Board of Directors meeting is scheduled for Monday, February 22, 2021 @9:15AM.



## **Minutes for Board of Directors Meeting**

12/07/2020 | 08:30 AM - 09:20 AM - Eastern Time (US and Canada)

### **Board Members Attending:**

Mr. Jamie Shelton, Chairman  
Ms. Wendy Hamilton, Vice Chair  
Mr. Palmer Clarkson, Treasurer  
Mr. Daniel Bean, Secretary  
Mr. Ed Fleming, Member  
Dr. John Allen Newman, Member

### **Other Attendees:**

Mr. Eric Green, Chief Executive Officer  
Ms. Beth McCague, Chief Financial Officer  
Ms. Linda Williams, Chief, Adm. & Corporate Performance  
Mr. Robert Peek, Director & GM, Business Development  
Mr. James Bennett, Sr. Director, Engineering & Construction  
Mr. Mike McClung, Director of Finance  
Mr. Nick Primrose, Chief, Regulatory Compliance  
Mr. David Migut, Office of General Counsel  
Ms. Rebecca Dicks, Board Liaison

## **Agenda**

A meeting of the Jacksonville Port Authority Board of Directors was held on Monday, December 7, 2020 at the Port Central Office Building, 2831 Talleyrand Avenue, Jacksonville, Florida. Chairman Shelton called the meeting to order at 8:30 a.m. and welcomed all attendees.

### **Pledge of Allegiance/Moment of Silence**

Board Member John Newman led the audience in the Pledge of Allegiance and a moment of silence.

### **Approval of Minutes**

Chairman Shelton called for approval of the October 5, 2020 Board of Directors Meeting Minutes and the November 5, 2020 Board of Directors Workshop Minutes. After a motion by Mr. Bean and a second by Mr. Fleming, the Board unanimously approved the minutes as submitted.

## **Public Comments**

Chairman Shelton called for comments from the public. There being none, he moved on to New Business.

## **New Business**

### **BD2020-12-01 Capital Budget Transfer – Talleyrand Marine Terminal West**

Ms. Beth McCague presented this submission seeking approval of a transfer of \$3 million from the capital budget for development of 27 acres west of Talleyrand for continued expansion.

After a motion by Dr. Newman and a second by Mr. Bean, the Board voted to approve this submission.

### **BD2020-12-02 FDOT Grant for Rail Crossing Signal Installation at Talleyrand Avenue**

Mr. James Bennett presented this submission seeking approval of a Florida Department of Transportation grant for the installation of gate arms and other safety enhancements to JAXPORT's southern railroad crossing on Talleyrand Avenue.

After a motion by Mr. Fleming and a second by Mr. Clarkson, the Board voted to approve this submission.

### **BD2020-12-03 City of Jacksonville, Big Fishweir Creek Project Temporary Work Area Easement**

Mr. James Bennett presented this submission seeking approval of a temporary work area easement to the City of Jacksonville for the USACE to perform maintenance dredging on behalf for the City of Jacksonville to allow a contractor to access the dredge material management area at Bartram Island in support of the City's maintenance dredging of Big Fishweir Creek.

After a motion by Mr. Clarkson and a second by Dr. John Newman, the Board voted to approve this submission.

### **AC2020-11-30-02 Railroad Trestle Repairs at BIMT**

Mr. James Bennett presented this submission seeking approval of a change order in the amount of \$274,500.00 to Intron Technologies, Inc. to complete railroad trestle repairs currently underway at Blount Island.

After a motion by Mr. Fleming and a second by Mr. Clarkson, the Board voted to approve this submission.

## **CEO Update**

Mr. Green thanked the Board for their participation in the Strategic Planning Workshop held last month. He stated the team took their suggestions and that he will be presenting them with a prioritized timeline for projects at the January meeting.

Mr. Green stated that 2020 has been a challenging year for JAXPORT; however, the entire JAXPORT team has performed amazingly. The team has persevered in the face of adversity. In the month of November alone, the port faced a sinking barge at TraPac, the drowning of a Tug Boat Captain who was a subcontractor to Great Lakes, and another Höegh ship fire at Berth 20.

Mr. Green informed the Board that business is beginning to rebound and the port is seeing autos come back very strong. He stated that Toyota is utilizing an additional 27 acres at the Talleyrand South property. Mr. Green stated that there has also been an uptick in containers, but trade and the upcoming Chinese New Year may cause an impact on containers.

He also informed the Board that the port is preparing its response to the JEA RFQ for the St. Johns River Power Park property with support from Jacobs Engineering. The scheduled submittal date for the RFQ is January 27, 2021. He stated that the port's response timeline is for 50% completion by December 23; 75% completion by January 1; and to have a completed rough draft by January 18. He stated that his goal would be for Jacobs Engineering to attend the January 25, 2021 Board meeting and present the Board with a high-level presentation of the RFQ.

Mr. Green provided the Board with details on the G4S Security issues and solutions. Currently G4S has 130-140 employees but they have a high turnover rate. The turnover has resulted in several failures or breaches at the terminal gates. G4S management team met with the port's executive team regarding these issues. One innovative solution was to utilize the funds from fines assessed on G4S by JAXPORT to create a "Secret Shopper" program that rewards G4S employees who are diligent with TWIC inspections and other duties. He explained that word is getting around and G4S employees are stepping up. One recent example over the weekend, a G4S employee noticed smoke and promptly notified JAXPORT.

Mr. Green informed the Board he will discuss the DMMA disposal site and how the port can mitigate impending capacity concerns going forward at the next Board meeting.

He also stated that he, along with Fred and James, will be traveling to Vicksburg, Mississippi this week for a vessel simulation training. This information will help the port's marketing team as it will provide data for different types and sizes of vessels that can call on JAXPORT.

## **Reports**

### **R2020-12-01 Engineering and Construction Update**

Mr. James Bennett provided an overview of the key capital and engineering projects.

### **R2020-12-02 Financial Highlights by Beth McCague**

Ms. Beth McCague provided Financial Highlights to the Board in their books for the month of October 2020.

### **R2020-12-03 Financials/Vital Statistics**

Mr. Mike McClung provided an overview of the financials and vital statistics.

### **R2020-12-04 Commercial Highlights by Robert Peek**

Mr. Robert Peek provided commercial highlights to the Board in their books for the month of December 2020.

## **Miscellaneous**

### **A. Awards Committee Meeting Minutes - November 30, 2020**

### **B. Emergency Purchases**

There was an emergency purchase of One (1) Active Front End (AFE) for ZPMC crane #10486 located at Talleyrand Marine Terminal in support of Crowley's operations.

### **C. Unbudgeted Transactions - None**

## **Adjourn**

There being no further business of the Board, the meeting adjourned at 9:20 a.m.

**SUBMISSION FOR AWARDS COMMITTEE  
AND CHIEF EXECUTIVE OFFICER APPROVAL  
JACKSONVILLE PORT AUTHORITY**

AC-2021-01-19-01  
Reference No.

\_\_\_\_\_  
File

01/19/2021  
Date

**SUBJECT: Bartram Island DMMA Cell "C" Concept Development, Design and Permitting**  
JPA Project No.: G2021.06                      JPA Contract No.: AE-1742  
Taylor Engineering, Inc.

**COST: \$939,619.00     BUDGETED                       NON-BUDGETED**

**BACKGROUND:**

On Friday, September 11, 2020, in accordance with requirements of the Consultants' Competitive Negotiations Act (CCNA), Procurement Services solicited Request for Qualifications (RFQ) AE-1742 Bartram Island DMMA Cell "C" Concept Development, Permitting and Design Services. Through this contract, the most qualified Consultant Firm will provide all labor, materials, and expertise to produce concept drawings, plans, specifications, estimates final plans and bidding documents covering improvements to Bartram Island Cell "C" to create additional capacity. The scope of work includes, but is not limited to, topographic survey, wetland delineation, and survey after receiving confirmation from FDEP and USACE on the location of wetland boundary, geotechnical investigations, environmental permitting, berm/wall design, etc.

On Monday, October 12, 2020, Procurement Services received three (3) conforming Statements of Qualifications (SOQ) from the following firms: Lloyd Engineering, Inc, HDR Engineering, Inc., and Taylor Engineering, Inc.

The Statements of Qualifications were evaluated and ranked by the Evaluation Committee in this order: 1) Taylor Engineering, Inc., 2) HDR Engineering, Inc., and 3) Lloyd Engineering, Inc. The Evaluation Committee consisted of: James Bennett, Sr. Director, Engineering & Construction, Marv Grieve, Director, Project Manager and Nick Primrose, Chief, Regulatory Compliance.

On October 27, 2020 the Awards Committee and the Chief Executive Officer approved the ordinal rankings and authorized negotiations to be conducted with Taylor Engineering, Inc., the most qualified firm. In accordance with JAXPORT's Procurement Code and CCNA rules and regulations, the Negotiation Team conducted successful negotiations. The negotiated rates include, direct personnel wages; employee benefits; overhead/profit, and related professional fees. The number of hours to complete the tasks included in the scope of work were also negotiated. The negotiated rates and hours will be firm for the term of the contract. The base contract value is \$854,134.00 with an option of \$85,485.00 if the optional work is determined to be necessary. The potential total contract value is \$939,619.00.

At the conclusion of negotiations, it is the consensus of the Engineering and Construction Department to recommend award of a contract to Taylor Engineering, Inc. the most qualified firm.

**EXPENSE CATEGORY:**

- Renewal of existing services
- Replacement (end of life) or upgrade of equipment
- Related to new opportunity
- Related to or part of cap-ex strategy

This is a budgeted capital item for FY 21, and will be funded with 50% FDOT funds and 50% JPA funds.

**FINANCIAL:**

Available Budget:	\$1,000,000
Proposed Expense:	<u>\$ 939,619</u>
Remaining Balance:	\$ 60,381

**RECOMMENDATION:**

Management recommends that the Awards Committee recommend that the Board of Directors approve the award of a contract to Taylor Engineering, Inc. for Bartram Island DMMA Cell "C" Concept Development, Design and Permitting in the amount of \$939,619.00.





December 18, 2020

VIA EMAIL

Jacqueline R. Glass  
Director of Procurement Services Department  
Jacksonville Port Authority  
2831 Talleyrand Avenue  
Jacksonville, FL 32206-0005  
Jacqueline.Glass@jaxport.com

RE: Proposal: Bartram Island DMMA Cell "C" Concept Development, Design, and Permitting (Rev. 2)

Ms. Glass:

Per your request, we have prepared the enclosed proposal for Bartram Island DMMA Cell "C" Concept Development, Design, and Permitting. This submittal includes our proposed Scope of Work which incorporates proposed tasks, deliverables, schedule (Exhibit A), and fee summaries. Exhibit B provides a detailed breakdown of the proposed fees. Notably, for the development of these fees, we applied the rates and terms as agreed in our executed Marine Engineering Consulting and Design Services contract (AE-177A).

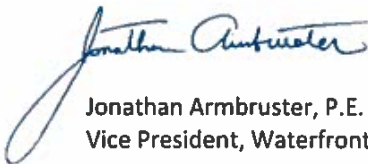
We have revised our original proposal (transmitted November 11, 2020) based on input from our negotiation meeting (November 17, 2020), informative follow-up site visit (December 4, 2020), and our second negotiation meeting (December 16). This input and subsequent revisions to the proposed scope of work result in a proposed fee reduction of approximately 30%. This most recent revision focused on breaking out optional tasks and included review and adjustments to labor hour estimates.

Taylor Engineering will perform the outlined services on a time and materials basis for a "Base Project" not to exceed fee of \$854,133.64 with optional tasks offered for a not to exceed fee of \$85,485.04.

Included in the Base Project fee, \$260,000.00 represents the lump-sum fee for our drilling sub-consultant, AMDRILL, Inc. (detailed in Attachment 1). \$56,950.00 represents the proposed fee for our survey sub-consultant, Arc Surveying and Mapping, Inc. (detailed in Attachment 2), and \$197,205.08 represents the proposed fee for our geotechnical engineering subconsultant Wood Environment & Infrastructure Solutions, Inc. (detailed in Attachment 3).

We look forward to our discussion on December 22.

Sincerely,



Jonathan Armbruster, P.E.  
Vice President, Waterfront Engineering



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**BARTRAM ISLAND CELL "C"  
CONCEPT DEVELOPMENT, DESIGN, AND PERMITTING  
SCOPE OF WORK**

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**INTRODUCTION**

The expansion of dredged material storage capacity at Bartram Island Cell "C" is critical to JAXPORT's mission execution and operational success. Therefore, this scope of work encompasses tasks—Project Kickoff Conference, Site Assessment and Data Collection, Conceptual Plan Evaluation and Development, and Final Engineering Design and Permitting—for Taylor Engineering (Taylor) to complete the project's engineering design and permitting.

**ASSUMPTIONS**

Taylor has developed its scope of work based on the following assumptions:

- Geotechnical investigations are assumed to require 21-days of field time using two simultaneously operated drilling rigs/crews. Drilling crews consist of three drillers and one geotechnical technician per rig.
- In an effort to reduce geotechnical investigation costs, the base scope of work includes only a limited number of accessible borings outside of the dike toe. However, because foundation soil conditions beyond the dike toe may contribute to dike instability, the scope of work includes geophysical investigation which should alert the design team of any anomalous conditions beyond the dike toe. If it becomes necessary to further evaluate any unusual geophysical finding, the scope of work offers a daily rate of \$10,000/day for any contingency borings in excess of those identified herein. Taylor will not proceed with contingency work requiring additional expense without approval from JAXPORT.
- The project schedule does not envision extended timelines for project permitting. Therefore, conceptual plan evaluation will not include alternatives that cause wetland impacts or other impacts requiring mitigation. Similarly, conceptual plan evaluation will not include alternatives that include offsite offloading and disposal.
- Some alternatives (e.g., stockpiling offloaded dredged material in an upland area on Bartram Island) may not require environmental permitting. Other alternatives (raising the impoundment dike) may require permit modifications or other regulatory approvals. As required in the request for qualification, this scope of work includes periodic consultation with regulatory agencies to confirm permitting assumptions and to expedite any approvals. This scope of work also includes optional permitting activities (Task 4.2, 4.3, and 4.5); however, if these activities are confirmed as unnecessary, Taylor will neither conduct nor invoice for these tasks.
- Task 3.1 offers an optional task to develop an additional candidate alternative design to 30%-complete level if that becomes necessary.

- JAXPORT will be responsible for payment of all required agency permit application fees.

If any of these assumptions prove incorrect, Taylor will work with JAXPORT to develop appropriate modifications to this scope of work and cost.

## TASKS

### **Task 1. Project Kickoff Conference**

Project success will pivot on comprehensive communication; this communication will commence with the kickoff conference. Taylor will schedule a meeting between appropriate JAXPORT personnel and the Taylor Project Manager, Project Principal, and key staff. This meeting will confirm the details of the work and review and refine the schedule for deliverable milestones. In addition to setting the project management framework, this meeting will also serve as a brainstorming session to review and expand the spectrum of conceptual solutions to identify the full range of options that could cost-effectively increase Cell "C"'s dredged material storage capacity.

### **Task 2. Site Assessment and Data Collection**

#### Task 2.1 Review of Background Information

Taylor will gather relevant teammate member files (previous geotechnical investigations, surveys, DMMP, and design documents), existing permit files (State and Federal), and any additional historical information available from JAXPORT, USACE, or other stakeholders identified in the kickoff conference. Taylor will review and organize these files and make them available on a file-sharing server so all project participants may easily access and review pertinent information.

#### Task 2.2 Site Visit and Conditions Assessment

Taylor's field assessment team will include licensed professionals having expertise in dredged material management area design, operations, and maintenance. In addition, one team member will hold an FAA Remote Pilots certification and will use an unmanned aircraft to collect aerial photographs, video, and preliminary ground surface elevation information. The team will physically walk the perimeter of the DMMA with observers distributed across the width of the embankment to make assessments along the side slopes, toes, crests, and at any associated surface structures (e.g., pipe penetrations, erosion protection systems, weirs). The team will evaluate the DMMA for indications of degraded conditions such as bank sloughing/cracking, seepage, piping, slope instability, erosion, depressions, rutting, unwanted vegetation, bank caving, animal disturbances, and other visual signs of geo-structural degradation. Observations of the site interior will support characterization of surface vegetation and surficial sediment types. Taylor will photograph and GPS-locate specific field observations to document existing conditions and identify areas of degradation or deficiency. Using collected observations, Taylor will further refine and target the remaining data collection tasks.

#### Task 2.3 Natural Resources Survey

Taylor environmental scientists will survey natural resources on and around Bartram Island Cell "C" to assess the current biological conditions of the site. The survey will include wetlands delineation (based on state and federal methodologies), vegetation community and habitat characterization, assessment of listed and managed species, and submerged/intertidal resources (e.g., oysters) survey along the site

shoreline. This scope of work does not include a formal gopher tortoise survey or relocation permitting; however, Taylor will record the location of observed gopher tortoise burrows (if any) encountered during the natural resources survey. A formal gopher tortoise survey and relocation permitting (if required) will occur closer to site construction and will be approved under a separate authorization. Taylor will coordinate one site visit with state and federal agency staff to review and validate the delineated wetland line. The results of this survey will support the engineering design effort including impact avoidance and minimization.

Task 2.4 Topographic and Hydrographic Survey

Taylor will coordinate with teammate Arc Surveying & Mapping (Arc) to conduct a detailed topographic/existing conditions survey and limited hydrographic survey.

On the upland, survey will capture grade break, slopes, crest elevations, and any other features noted during the site assessment. The survey limits will extend from edge-of-water to edge-of-water and include a 500-foot buffer to the north and south project limits and run along and adjacent to the access road to the north to include the waterfront landing area. Surveyor will perform the survey with a combination of airborne LiDAR and topographic conventional surveying methods. LiDAR acquisition will include a point density of not less than 25 points per square meter to support ground, vegetation, and structure classifications. In addition, high resolution digital aerial photography will support production of three-inch pixel resolution and be adequate to allow successful production of accurate ortho digital imagery. Topographic survey will include Mean High Water Line (MHWL), existing weir structures and other discharge and drainage structures, dike roadway topography, wetland locations (based on Task 2.3), and core boring locations (as identified in Task 2.5).

This scope of work includes a limited hydrographic survey to document conditions offshore of the equipment landing/access beach.

Taylor will immediately apply the survey data to create a detailed digital terrain model (DTM) in AutoCAD. This model development will incorporate in-house developed CAD tools and methods to allow rapid evaluation of storage capacity under various alternatives.

Task 2.5 Geotechnical Investigation

Taylor's geology and geotechnical engineering team will refine its draft geotechnical investigation plan and coordinate for AMDRILL's drilling crews access to Bartram Island. Drilling crews will mobilize equipment to the interior of the DMMA such that they can effectively sample across the potential range of surficial conditions—dry ground and soft sediments. Project staff will supervise all drilling and coring operations to allow real-time feedback regarding encountered materials and to make any necessary adjustment to the investigation plan.

Field sampling will include vibracore or direct push continuous core samples to evaluate stored dredged materials for suitability as a borrow source as well as Standard Penetration Test (SPT) and wash borings to evaluate engineering properties of foundation and embankment soils. Table 1 summarizes the investigation plan.

Table 1. Summary of Geotechnical Investigation Plan

Boring Type	Purpose	Quantity of Borings	Depth (ft)	Total (ft)
SPT	Foundation/Embankment	12	40	480
SPT	Foundation/Embankment	12	60	720
SPT	Foundation/Embankment	6	90	540
<b>Subtotal:</b>				<b>1740</b>
Wash	Foundation/Embankment	5	90	450
Vibracore/Direct Push	Borrow Source Evaluation	12	20	480

The field investigation team will deliver all vibracore/direct push samples to Taylor’s AASHTO- and USACE- accredited Coastal and Marine Geosciences Laboratory in Jacksonville. Taylor will split and photograph cores and log these per FDEP and USACE guidelines. Taylor will perform moisture content, gradation by sieving, and Atterberg limit analyses. These tests will characterize Cell “C” stored dredged material and provide vital information to optimize the reuse of materials to expand Cell “C” capacity.

At the same time, Taylor will coordinate with Wood Environment & Infrastructure Solutions (Wood) to conduct engineering laboratory tests to evaluate the deep in-situ soils and soils planned for structural reuse on site. Table 3 summarizes the planned geotechnical testing.

Table 3. Summary of Geotechnical Testing.

Test	Quantity of Tests
<b>Vibracore/Direct Push Borings</b>	
Grain size analysis	96
Moisture content	48
Atterberg limits	48
<b>SPT and Wash Borings</b>	
Grain size analysis	198
Moisture content	198
Organic content	40
Atterberg limits	40
Modified Proctor	10
Hydraulic Conductivity	10
Direct Shear:	10
Triaxial Shear (including remolding)	15
Consolidation (12 loading increments)	10
Unit weight and moisture content of Shelby tube sample	25
Unconfined compressive strength (clay)	10

In an effort to reduce geotechnical investigation costs, this base scope of work includes only a limited number of accessible borings outside of the dike toe. However, because foundation soil conditions beyond the dike toe may contribute to dike instability, the scope of work includes geophysical investigation which should alert the design team of any anomalous conditions beyond the dike toe.

To further evaluate any unusual geophysical finding that may be identified through borings or geophysical investigation, the scope of work offers a daily rate of \$10,000/day for any contingency borings in excess of those identified herein. Taylor will not proceed with contingency work requiring additional expense without approval from JAXPORT.

### **Task 3. Conceptual Plan Evaluation and Development**

Based on the kickoff meeting and results of site data collection, Taylor will complete a concept spectrum analysis. This analysis will identify and summarize reasonable concepts that may achieve the goal of increased Cell "C" capacity. These concepts may include 1.) raising containment dikes, 2.) moving stored dredged material to adjacent uplands on the island, or 3.) some combination thereof. Considering potential variations on the above general approaches, this scope of work assumes the spectrum analysis will consider up to 5 concepts. For each identified concept, Taylor will develop a graphic and narrative thumbnail sketch of the alternative, a relative ranking of expected construction costs, a relative ranking of potential storage capacity gained, comparison of permitting challenges as assessed based on past experience and informal discussion with regulatory agencies, and a tabular summary of concept strengths, weaknesses, opportunities, and threats. The resulting concept summaries will allow for rapid side-by-side conceptual comparison of alternatives.

Taylor will organize a meeting with JAXPORT to present the concept spectrum analysis. Following the presentation, the project team will engage in a collaborative internal workshop to winnow the concept spectrum down to one preferred alternative for further investigation.

With a candidate alternative identified, Taylor will complete design calculations to further detail the conceptual design to a 30%-complete level. At this level of design, Taylor will apply Geostudio software tools to analyze seepage and slope stability conditions if the alternative raises the Cell "C" containment dikes. Structural designers will evaluate any required adjustments to the weir and discharge structures. In addition, the preliminary design will evaluate equipment access and staging requirements, particularly if the alternative considers offloading of stored dredged sediment to an adjacent upland stockpile. Taylor will develop preliminary drawings and DTMs to calculate earthwork balance and document gained storage capacity. Based on the design results, Taylor will prepare a preliminary opinion of probable construction cost and construction schedule for the alternative.

With the goal of expediting permitting, at this point in the project, Taylor will arrange for a virtual meeting with regulatory agencies and including JAXPORT to discuss the project goals and present the preliminary design. Taylor will receive and document agency feedback regarding permitting feasibility and likely timelines. Based on this meeting, Taylor will develop a permitting strategy for the project.

As a culmination of the conceptual plan evaluation and development, Taylor will prepare a summary of key results including technical merit/risk, permitting feasibility and timeline, storage capacity increase in cubic yards(cy), construction cost, storage unit construction cost (\$/cy storage gained), estimated realization schedule duration (inclusive of final design, permitting, bidding, and construction timelines), storage unit construction duration (days/cy storage gained).

Taylor will organize a meeting with JAXPORT to present the conceptual plan development and evaluation. Following the presentation, the project team will engage in a collaborative internal workshop to receive final comments and direction to proceed with final design. Then, Taylor will finalize and submit the concise deliverable report to document Task 3 results and recommendations.

**OPTIONAL Task 3.1 Development of Additional Candidate Alternative to 30%-Complete Design Level**

If the concept spectrum analysis noted above (Task 3, Paragraph 1) identifies two alternatives which appear competitive in terms of basic technical merit, potential dredged material storage gains, and generalized construction costs, JAXPORT may wish to develop a second candidate alternative to 30%-complete design level to allow more thorough comparison of the top two alternatives. Similarly, if regulatory consultation indicates that the initially preferred alternative will require time consuming permitting and that other concepts may receive more rapid review, JAXPORT may wish to consider developing a second candidate alternative to 30%-complete design level. If, for any reason following the concept spectrum analysis, JAXPORT wishes to develop a second candidate alternative to the 30%-complete level, JAXPORT will inform Taylor in writing to execute this optional task and complete the 30% design process outlined in Task 3 for JAXPORT's chosen additional candidate alternative.

**Task 4. Final Engineering Design and Permitting**

**Task 4.1 60%-Complete Design: Permit-Level Engineering and Permit Drawings**

Beginning with the results of Task 3, Taylor will refine the design and prepare 60%-complete drawings to document modifications required to increase the capacity of Bartram Island Cell "C." As necessary, the design will incorporate existing conditions, geotechnical findings, dredged material reuse processes, Geostudio design models, and structural design for weir structure modifications. This design process will incorporate FDEP's Environmental Resources Permit (ERP) DMMA Engineering Review Criteria— (1) Capacity and Water Quality Discharge Standards, (2) Dike Stability, (3) Stormwater Management, and (4) Operations, Maintenance and Safety Inspection Protocols. In addition, where applicable, Taylor will employ USACE design standards for DMMA design and construction.

If the preferred alternative incorporates raising of the containment dikes, Taylor will evaluate earthworks scenarios to further optimize dredged material storage. These iterations may consider dike slope and crest width, internal seepage drain additions/retrofits, stability berms, or other earthwork measures to achieve slope stability and increase storage.

If the preferred alternative includes offloading and onsite upland stockpiling of dredged material, this scope of work will include design for any necessary site modifications. We assume that offloading infrastructure would primarily include earthworks and temporary staging areas to allow for efficient offloading and onsite stockpiling.

This scope of work does not include design for offsite offloading, identification of an offsite recipient location, or for design of offsite infrastructure to support or receive dredged material. If such offsite design or permitting becomes necessary, Taylor will address these tasks through a separate scope of work.

The task deliverable will provide a drawing product serving as both permit drawings (if permitting is necessary) and 60%-complete design documents. These drawings will depict plan arrangement, typical cross-sections, anticipated structural arrangements, and accurate dimensional representation of key site features. In addition, Taylor will prepare an updated opinion of probable construction cost.

**OPTIONAL Task 4.2 Pre-Application Meeting**

If consultation with agencies indicate that permitting is required, JAXPORT will inform Taylor to proceed with this optional permitting task.

Taylor will coordinate and lead a virtual pre-application meeting with JAXPORT and environmental permitting agencies (FDEP and/or USACE) to update agency stakeholders on the project status, discuss the permit application, and solicit any agency recommendations concerning the content and format of the application materials. Following the meeting, Taylor will prepare meeting minutes for distribution to all meeting attendees.

**OPTIONAL Task 4.3 Environmental Permit Application**

If consultation with agencies indicate that permitting is required, JAXPORT will inform Taylor to proceed with this optional permitting task.

Based on the results of Task 4.1 and Task 4.2, Taylor will prepare permit applications including completed forms, permit drawings, project narratives, locations of on-site sensitive natural habitats, impact avoidance/minimization measures, construction methodology and schedule, and ERP DMMA Engineering Review Criteria summary.

To avoid lengthy permitting timelines, this scope of work does not contemplate or include design or permitting that results in natural resources impacts requiring mitigation. Therefore, this scope of work excludes impact analysis and development of compensatory mitigation concepts or designs. If such activities become necessary, impact analysis and mitigation design services will be addressed under a separate scope of work.

**Task 4.4 90%-Complete Design Documents**

In parallel with regulatory agencies' application review period (if any), Taylor will proceed with 90% engineering design. This task will develop project features to a near-final design level. The drawings will depict all components with appropriate earthwork and structural details. During this task, Taylor will produce a draft project manual and technical specifications detailing construction material and activities. Taylor will prepare technical specifications in stand-alone documents supplied in Microsoft Word format and/or PDF format and using Taylor's standard formatting. JAXPORT will supply all other "front-end" legal/contract documents (bid documents, contract agreements, general and specific condition, forms, etc.). Taylor will coordinate with JAXPORT to incorporate the project technical specifications within Port's standard "front-end" documents. However, JAXPORT will retain the right and responsibility to develop, review, and finalize these "front-end" project manual components (legal,

contractual, and procurement, etc.) beyond those engineering and technical specifications authored by Taylor.

Taylor will also update the opinion of probable construction cost and compile the draft bid package. The deliverable package will include 90%-complete drawings, project manual (JAXPORT "front-end" documents and technical specifications), and detailed bid sheet with estimated construction quantities and methods of payment (unit cost or lump sum), and a summary memo describing changes and updates occurring since the 60%-complete design drawings.

**OPTIONAL Task 4.5 Response to Agency Request for Additional Information (RAI) and Agency Coordination**

If consultation with agencies indicate that permitting is required, JAXPORT will inform Taylor to proceed with this optional permitting task.

Following submittal of the permit application, Taylor anticipates that after agency review, the agencies may require some additional information to complete their review. During this task, Taylor will develop responses to the comments or questions arising during interagency consultations. The single most important activity during the permitting process is the establishment and maintenance of a clear line of communications between the applicant and the participating agencies. To that end, Taylor will schedule meetings with key reviewers and actively coordinate with state and federal agencies staff during the application review process. Depending on project details, these agencies may include, but are not limited to, the FDEP, USACE, U.S. Fish and Wildlife Service, Florida Fish and Wildlife Conservation Commission, and National Marine Fisheries Service. Taylor will maintain consistency between the state and federal permit applications and other environmental documentation to resolve environmental issues that arise during the review period. This scope of work allocates a budget of \$15,000 to complete this task. If the labor required to address agency comments and coordinate with regulatory staffs significantly exceeds this budget, Taylor will submit an additional scope of work and fee proposal for the additional work. Taylor will provide all draft responses to agency RAIs to JAXPORT for review and comment prior to agency submittal.

**Task 4.6 Final Design Documents**

Taylor will develop final design documents. This task will incorporate all client comments as well as Taylor's final QA/QC review and result in signed and sealed construction drawings, engineer's final opinion of probable construction cost, and project manual (JAXPORT "front-end" documents, technical specifications, and specification appendices including geotechnical reports and final permit authorizations). Taylor will transmit bid-ready documents to JAXPORT in digital (native file [Word, AutoCAD, etc.] and PDF formats) and hard copy forms.

**EXCLUDED ACTIVITIES**

The following work or activities are excluded from this scope of work unless later included through issuance of an amendment to this scope of work or subsequent task order:

- Boundary survey or sovereign submerged lands surveys
- Subsurface utility investigation or survey



- Design of electrical or other utility systems including pump systems.
- Design of automated earth moving equipment such as conveyor belts.
- Design of off-site offloading of dredged material or structures required for offloading or mobilization of equipment
- Payment of permit application fees
- Compensatory mitigation planning or design to address unavoidable impacts
- Gopher tortoise or other species-specific surveys, relocation permitting, and relocation efforts.
- Bid advertisement, bidding support, or printing of bid documents for hardcopy distribution
- Construction phase engineering services

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**DELIVERABLES**

Table 4. lists the deliverable on a task-by-task basis.

Table 4. Project Deliverable Summary

Task	Deliverables
<b>Task 1. Project Kickoff Conference</b>	<ul style="list-style-type: none"> <li>• Kickoff meeting notes</li> </ul>
<b>Task 2. Site Assessment and Data Collection</b>	See Subtasks Below
<i>Task 2.1 Review of Background Information</i>	<ul style="list-style-type: none"> <li>• Link to file-sharing server with background files</li> </ul>
<i>Task 2.2 Site Visit and Conditions Assessment</i>	<ul style="list-style-type: none"> <li>• Drone video and still photos</li> </ul>
<i>Task 2.3 Natural Resources Survey</i>	<ul style="list-style-type: none"> <li>• Natural resources survey report</li> </ul>
<i>Task 2.4 Topographic and Hydrographic Survey</i>	<ul style="list-style-type: none"> <li>• Signed &amp; sealed topographic/hydrographic survey</li> </ul>
<i>Task 2.5 Geotechnical Investigation</i>	<ul style="list-style-type: none"> <li>• Geotechnical investigations reports</li> </ul>
<b>Task 3. Conceptual Plan Evaluation and Development</b>	<ul style="list-style-type: none"> <li>• Conceptual plan evaluation and development summary report (1 concept)</li> </ul>
<i>OPTIONAL Task 3.1 Development of Additional Candidate Alternative to 30%-Complete Design Level</i>	<ul style="list-style-type: none"> <li>• Additional conceptual plan evaluation and development incorporated into summary report</li> </ul>
<b>Task 4. Final Engineering Design and Permitting</b>	See Subtasks Below
<i>Task 4.1 60%-Complete Design: Permit-Level Engineering and Permit Drawings</i>	<ul style="list-style-type: none"> <li>• 60%-complete design drawings</li> <li>• Preliminary opinion of probable construction cost</li> </ul>
<i>OPTIONAL Task 4.2 Pre-Application Meeting</i>	<ul style="list-style-type: none"> <li>• Pre-application meeting notes</li> </ul>
<i>OPTIONAL Task 4.3 Environmental Permit Application</i>	<ul style="list-style-type: none"> <li>• Environmental permit applications</li> </ul>
<i>Task 4.4 90%-Complete Design Documents</i>	<ul style="list-style-type: none"> <li>• 90%-Draft Bid package                             <ul style="list-style-type: none"> <li>○ Drawings</li> <li>○ Project manual</li> <li>○ Bid sheets</li> <li>○ Updated opinion of probable construction cost</li> </ul> </li> <li>• Memo summarizing changes since 60%-drawings</li> </ul>
<i>OPTIONAL Task 4.5 Response to Agency Request for Additional Information (RAI) and Agency Coordination</i>	<ul style="list-style-type: none"> <li>• Draft and final RAI responses</li> </ul>
<i>Task 4.6 Final Design Documents</i>	<ul style="list-style-type: none"> <li>• Final Bid package                             <ul style="list-style-type: none"> <li>○ Drawings</li> <li>○ Project manual</li> <li>○ Bid sheets</li> <li>○ Final opinion of probable construction cost</li> </ul> </li> </ul>

**SCHEDULE**

Exhibit A provides a Gantt chart schedule for the proposed work. The scheduled dates shown on the attachment assume an arbitrary project start date of February 1, 2021. Taylor will update and maintain the schedule with confirmed dates upon receipt of a notice to proceed from JAXPORT.

Optional permitting tasks (4.2, 4.3, 4.5) are shown in the schedule to allow for potential that they may become necessary. Taylor assumes that Optional Task 3.1, if selected, will occur in parallel with scheduled work for Task 3. If JAXPORT choses to proceed with this optional task at a later time in the project schedule, schedule modifications may become necessary.

Weather conditions, site conditions, scheduling dates for key meetings and participants, and JAXPORT review timelines may require schedule modifications.

Taylor has no control over regulatory agency review timeline or schedules.

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**FEE**

Taylor will complete the work described herein on a Time and Materials Basis for a Base Project Not to Exceed Fee of \$854,133.64. Table 5 summarizes the Base Project fees on a task-by-task basis.

The scope of work includes optional task, and JAXPORT may authorize these tasks individually on an as-needed basis. Table 6 summarizes Optional Tasks fees—with total Not to Exceed Fee of \$85,485.04—on a task-by-task basis.

Exhibit B provides a detailed breakdown of hours, rates, and fees on a task-by-task basis.

Attachments 1, 2, and 3 provide breakdown of subcontractor—AMDRILL, Arc Surveying and Mapping, and Wood, respectively—fees.

Table 5. Base Project Not to Exceed Fees

Task	Taylor Fee	Sub-contractor Fee	Total Fee
<b>Task 1. Project Kickoff Conference</b>	\$6,349.20	-	\$6,349.20
<b>Task 2. Site Assessment and Data Collection</b>	See Subtasks Below		
<i>Task 2.1 Review of Background Information</i>	\$7,458.24	-	\$7,458.24
<i>Task 2.2 Site Visit and Conditions Assessment</i>	\$4,836.48	-	\$4,836.48
<i>Task 2.3 Natural Resources Survey</i>	\$15,245.00	-	\$15,245.00
<i>Task 2.4 Topographic and Hydrographic Survey</i>	\$4,069.12	\$59,797.50	\$63,866.62
<i>Task 2.5 Geotechnical Investigation <sup>1</sup></i>	\$19,855.36	\$462,026.34	\$481,881.70
<b>Task 3. Conceptual Plan Evaluation and Development</b>	\$99,434.80	\$11,592.00	\$ 111,026.80
<b>Task 4. Final Engineering Design and Permitting</b>	See Subtasks Below		
<i>Task 4.1 60%-Complete Design: Permit-Level Engineering and Permit Drawings</i>	\$66,030.28	\$ 16,359.00	\$82,389.28
<i>Task 4.4 90%-Complete Design Documents</i>	\$64,393.56	\$ 2,688.00	\$67,081.56
<i>Task 4.6 Final Design Documents</i>	\$13,998.76	-	\$ 13,998.76
<b>TOTALS</b>	<b>\$301,670.80</b>	<b>\$552,462.84</b>	<b>\$ 854,133.64</b>

Notes:

1. AMDRILL's subcontractor fee of \$260,000 is a lump sum cost including all mobilization costs, equipment, staff, and per diem costs necessary to meet the geotechnical investigation outlined herein. AMDRILL offers a daily rate of \$10,000/day for any contingency borings in excess of those identified herein. Taylor (and its subcontractor, AMDRILL) will not proceed with contingency work requiring additional expense without written approval from JAXPORT.

Table 6. Optional Tasks Not to Exceed Fees

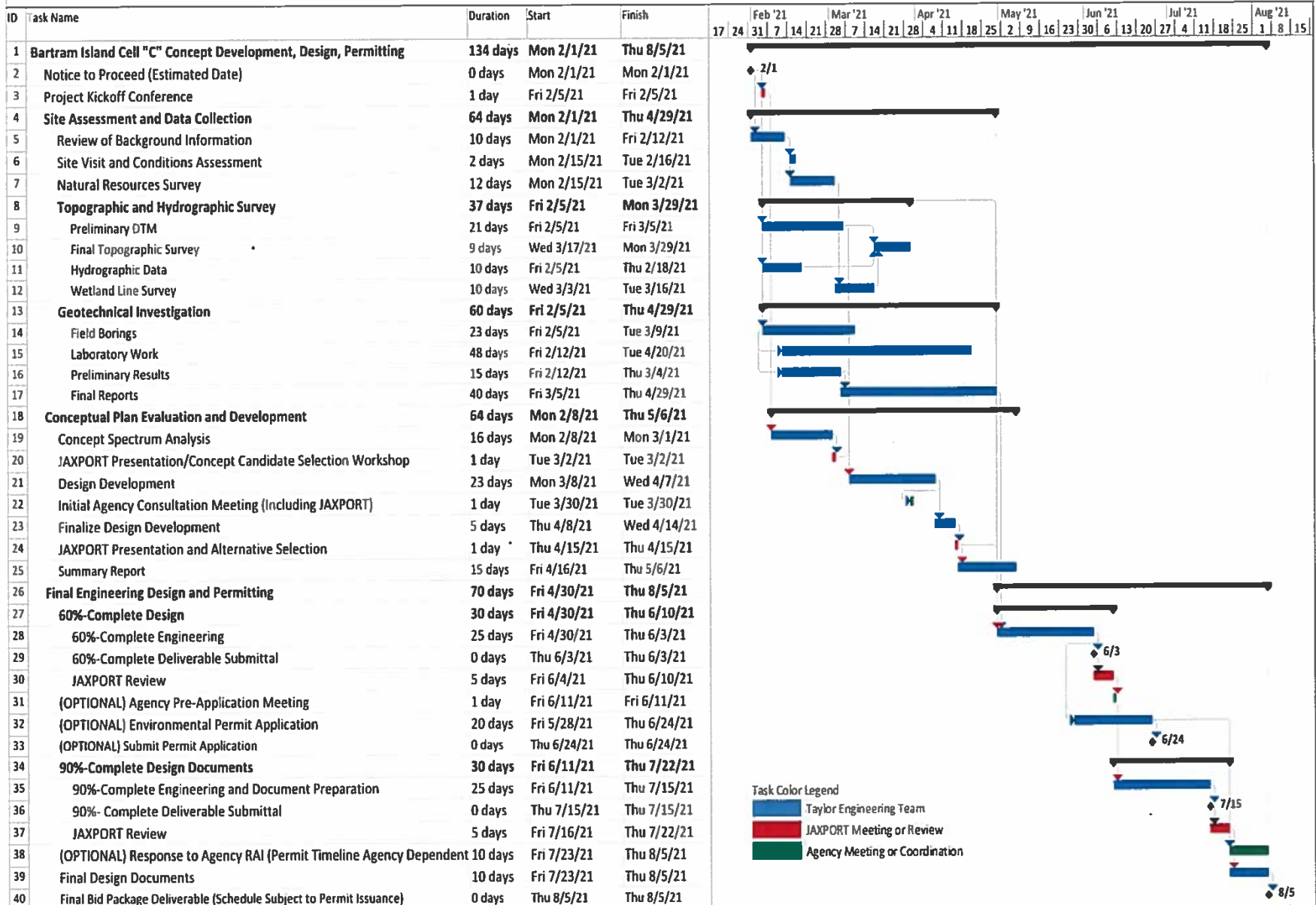
Task	Taylor Fee	Sub-contractor Fee	Total Fee
<b>Task 3. Conceptual Plan Evaluation and Development</b>	See Subtasks Below		
<i>OPTIONAL Task 3.1 Development of Additional Candidate Alternative to 30%-Complete Design Level</i>	\$45,952.04	-	\$45,952.04
<b>Task 4. Final Engineering Design and Permitting</b>	See Subtasks Below		
<i>Task 4.2 Pre-Application Meeting</i>	\$3,565.00	-	\$3,565.00
<i>Task 4.3 Environmental Permit Application</i>	\$20,828.00	-	\$20,828.00
<i>Task 4.5 Response to Agency Request for Additional Information (RAI) and Agency Coordination</i>	\$15,140.00	-	\$15,140.00
<b>TOTALS</b>	<b>\$85,485.04</b>	<b>-</b>	<b>\$85,485.04</b>

Taylor will complete all work as authorized on a Time and Materials Basis for a total (Base Project + Optional Tasks) Not to Exceed Fee of \$939,618.68.

**Exhibit A**

**Gantt Chart Schedule**

Exhibit A. Preliminary Schedule for Bartram Island DMMA Cell "C" Concept Development, Design, and Permitting



Note: Task Durations Measured in Working Days. Project Calendar Day Duration = 185 Days

**Exhibit B**

**Taylor Engineering  
Hourly Rates  
and  
Task-by-Task Fee Summary**



**EXHIBIT B  
FEE EXCERPTS FROM  
MARINE ENGINEERING CONSULTING AND DESIGN SERVICES  
FOR THE  
JACKSONVILLE PORT AUTHORITY  
CONTRACT NO. AE-177A**

**1. ENGINEERING CONSULTING AND DESIGN SERVICES**

<b>Job Categories</b>	<b>Resource</b>	<b>Rate</b>
Principal / Officer	James Marino	\$270.00
Senior Marine Specialist (QA/QC)	Jerry Scarborough Cliff Truitt	\$217.83
Senior Railroad Specialist	Subconsultant	NA
Senior Environmental Specialist	David Stites	\$190.50
Project Manager	Jonathan Armbruster	\$195.00
Sr. Engineer / Architect I	Michael Trudnak William Miller Christopher Bender Michael Kabiling Hugh Verkerk Angela Schedel Keith Knight	\$190.00
Design Engineer or Architect	Yehya Siddiqui R. Mitch Doll Duncan Greer Jenna Phillips	\$112.28
Designer or Technician	J. Anton Flewelling Jonathan Brumfield Omar Lopez-Feliciano Morgan Smith	\$110.00
Drafter or CADD Operator	Cathy Shell	\$85.00
Clerical / Secretary	Jamie Gregory Sandra McLaren	\$67.74

- ii. Direct Reimbursable Expenses – Direct Reimbursable expenses consist of actual expenditures made by the Consultant in the interest of the project.
- a. Direct expenses included in Contract Hourly rates are routine travel and meals, materials and supplies, postage, shipping, and deliver, automobile, boat, and equipment rental, telephone, reproduction. These expenses are not reimbursable by the Authority.
- vii. Subcontracting Administration – The Consultant will be allowed to charge a percentage of the subconsultant agreement to cover its administration and management costs associated with using the subconsultant. This charge will cover all Prime Consultant time in spent on arranging for the subcontracting work including such tasks as getting quotes, negotiations, contracting and administration and management of the subcontract and is in lieu of any direct salary charges. The amount will be 5% for all sub agreements. This administrative charge will also be deemed to cover all legal and insurance issues arising out of the use of the subconsultant. No direct time will be charged to the Authority in the Consultant's process of contracting with subconsultants unless specifically allowed by the Authority's Senior Director of Engineering and Construction prior to the execution of a contract with any subconsultant. However, direct time may be charged by the Consultant for independent, specific technical review of subconsultant's work, if authorized by the Authority's staff.

**TAYLOR ENGINEERING, INC.**  
**COST SUMMARY BY TASK**  
**BARTRAM ISLAND CELL "C"**  
**CONCEPT DEVELOPMENT, DESIGN, AND PERMITTING**

**TASK 1: Project Kickoff Conference**

<i>Labor</i>	Hours	Cost	Task Totals
Principal / Officer	3.0	810.00	
Project Manager	11.0	2,145.00	
Sr. Engineer/ Architect	9.0	1,710.00	
Design Engineer or Architect	15.0	1,684.20	
Total Man-Hours	38.0		
Labor Cost			6,349.20
<i>Total Task 1</i>		\$	6,349.20

**TASK 2.1: Review of Background Information**

<i>Labor</i>	Hours	Cost	Task Totals
Senior Marine Specialist (QA/QC)	8.0	1,742.64	
Project Manager	10.0	1,950.00	
Sr. Engineer/ Architect	8.0	1,520.00	
Design Engineer or Architect	20.0	2,245.60	
Total Man-Hours	46.0		
Labor Cost			7,458.24
<i>Total Task 2.1</i>		\$	7,458.24

**BARTRAM ISLAND CELL "C"  
CONCEPT DEVELOPMENT, DESIGN, AND PERMITTING**

**TASK 2.2: Site Visit and Conditions Assessment**

<i>Labor</i>	Hours	Cost	Task Totals
Sr. Engineer/ Architect	16.0	3,040.00	
Design Engineer or Architect	16.0	1,796.48	
Total Man-Hours	32.0		
Labor Cost			4,836.48
<i>Total Task 2.2</i>		\$	4,836.48

**TASK 2.3: Natural Resources Survey**

<i>Labor</i>	Hours	Cost	Task Totals
Senior Environmental Specialist	50.0	9,525.00	
Designer or Technician	52.0	5,720.00	
Total Man-Hours	102.0		
Labor Cost			15,245.00
<i>Total Task 2.3</i>		\$	15,245.00

**BARTRAM ISLAND CELL "C"  
CONCEPT DEVELOPMENT, DESIGN, AND PERMITTING**

**TASK 2.4: Topographic Survey**

<i>Labor</i>	Hours	Cost	Task Totals
Project Manager	4.0	780.00	
Sr. Engineer/ Architect	8.0	1,520.00	
Design Engineer or Architect	4.0	449.12	
Designer or Technician	12.0	1,320.00	
<b>Total Man-Hours</b>	<b>28.0</b>		
<b>Labor Cost</b>			<b>4,069.12</b>
<i>Non-Labor</i>	Units	Cost	
Arc Survey Subcontract	1.0	56,950.00	
Fee @ 5.0%		2,847.50	
<b>Total Non-Labor Cost</b>			<b>59,797.50</b>
<b>Total Task 2.4</b>		<b>\$</b>	<b>63,866.62</b>

**TASK 2.5: Geotechnical Investigation**

<i>Labor</i>	Hours	Cost	Task Totals
Project Manager	12.0	2,340.00	
Sr. Engineer/ Architect	26.0	4,940.00	
Design Engineer or Architect	112.0	12,575.36	
<b>Total Man-Hours</b>	<b>150.0</b>		
<b>Labor Cost</b>			<b>19,855.36</b>
<i>Non-Labor</i>	Units	Cost	
Amdrill - Drilling and Coring	1.0	260,000.00	
Wood - Field Engineering	1.0	65,213.08	
Wood - Geotechnical Laboratory	1.0	43,256.50	
Wood - Engineering and Reporting	1.0	33,335.50	
Wood - Geophysical	1.0	26,220.00	
Geoscience Lab	1.0	12,000.00	
<b>Non-Labor Cost</b>		<b>440,025.08</b>	
<b>Fee @ 5.0%</b>		<b>22,001.25</b>	
<b>Total Non-Labor Cost</b>			<b>462,026.34</b>
<b>Total Task 2.5</b>		<b>\$</b>	<b>481,881.70</b>

**BARTRAM ISLAND CELL "C"  
CONCEPT DEVELOPMENT, DESIGN, AND PERMITTING**

**TASK 3: Conceptual Plan Evaluation and Development**

<i>Labor</i>	Hours	Cost	Task Totals
Principal / Officer	6.0	1,620.00	
Senior Marine Specialist (QA/QC)	4.0	871.32	
Senior Environmental Specialist	28.0	5,334.00	
Project Manager	86.0	16,770.00	
Sr. Engineer/ Architect	155.0	29,450.00	
Design Engineer or Architect	227.0	25,487.56	
Designer or Technician	176.0	19,360.00	
Clerical / Secretary	8.0	541.92	
<b>Total Man-Hours</b>	<b>690.0</b>		
<b>Labor Cost</b>			<b>99,434.80</b>
<i>Non-Labor</i>	Units	Cost	
Wood - Engineering Support	1.0	11,040.00	
Fee @ 5.0%		552.00	
<b>Total Non-Labor Cost</b>			<b>11,592.00</b>
<b>Total Task 3</b>		<b>\$</b>	<b>111,026.80</b>

**TASK 4.1: 60%-Complete Design Documents (Permit Level Engineering and Permit Drawings)**

<i>Labor</i>	Hours	Cost	Task Totals
Senior Marine Specialist (QA/QC)	4.0	871.32	
Senior Environmental Specialist	8.0	1,524.00	
Project Manager	40.0	7,800.00	
Sr. Engineer/ Architect	118.0	22,420.00	
Design Engineer or Architect	182.0	20,434.96	
Designer or Technician	118.0	12,980.00	
<b>Total Man-Hours</b>	<b>470.0</b>		
<b>Labor Cost</b>			<b>66,030.28</b>
<i>Non-Labor</i>	Units	Cost	
Wood - Engineering Support	1.0	15,580.00	
Fee @ 5.0%		779.00	
<b>Total Non-Labor Cost</b>			<b>16,359.00</b>
<b>Total Task 4.1</b>		<b>\$</b>	<b>82,389.28</b>

Exhibit B

**BARTRAM ISLAND CELL "C"  
CONCEPT DEVELOPMENT, DESIGN, AND PERMITTING**

**TASK 4.4: 90% Complete Design Documents**

<i>Labor</i>	Hours	Cost	Task Totals
Principal / Officer	4.0	1,080.00	
Senior Marine Specialist (QA/QC)	4.0	871.32	
Project Manager	34.0	6,630.00	
Sr. Engineer/ Architect	142.0	26,980.00	
Design Engineer or Architect	176.0	19,761.28	
Designer or Technician	80.0	8,800.00	
Clerical / Secretary	4.0	270.96	
<b>Total Man-Hours</b>	<b>444.0</b>		
<b>Labor Cost</b>			<b>64,393.56</b>
<i>Non-Labor</i>	Units	Cost	
Wood- Engineering Support	1.0	2,560.00	
Fee @ 5.0%		128.00	
<b>Total Non-Labor Cost</b>			<b>2,688.00</b>
<b>Total Task 4.4</b>		<b>\$</b>	<b>67,081.56</b>

Exhibit B

**BARTRAM ISLAND CELL "C"**  
**CONCEPT DEVELOPMENT, DESIGN, AND PERMITTING**

**TASK 4.6: Final Design Documents**

<i>Labor</i>	Hours	Cost	Task Totals
Principal / Officer	2.0	540.00	
Senior Marine Specialist (QA/QC)	4.0	871.32	
Project Manager	8.0	1,560.00	
Sr. Engineer/ Architect	24.0	4,560.00	
Design Engineer or Architect	16.0	1,796.48	
Designer or Technician	40.0	4,400.00	
Clerical / Secretary	4.0	270.96	
<b>Total Man-Hours</b>	<b>98.0</b>		
<b>Labor Cost</b>			<b>13,998.76</b>
<b>Total Task 4.6</b>		<b>\$</b>	<b>13,998.76</b>
<b>Base Project (Task 1, 2.1, 2.2, 2.3 2.4, 2.5, 3, 4.1, 4.4, 4.6)</b>			<b>854,133.64</b>
<b>Optional Tasks (3.1, 4.2, 4.3, 4.5) - Cost Summaries Follow</b>			<b>85,485.04</b>
<b>Not To Exceed Project Total</b>			<b>939,618.68</b>

**BARTRAM ISLAND CELL "C"  
CONCEPT DEVELOPMENT, DESIGN, AND PERMITTING**

**Optional Tasks**

<b>OPTIONAL TASK 3.1: Development of Additional Candidate Alternative to 30%-Complete Design Level</b>			
<i>Labor</i>	Hours	Cost	Task Totals
Principal / Officer	3.0	810.00	
Senior Environmental Specialist	6.0	1,143.00	
Project Manager	34.0	6,630.00	
Sr. Engineer/ Architect	76.0	14,440.00	
Design Engineer or Architect	118.0	13,249.04	
Designer or Technician	88.0	9,680.00	
<b>Total Man-Hours</b>	<b>325.0</b>		
<b>Labor Cost</b>			<b>45,952.04</b>
<i>Total Optional Task 3.1</i>		<b>\$</b>	<b>45,952.04</b>



Exhibit B

**BARTRAM ISLAND CELL "C"**  
**CONCEPT DEVELOPMENT, DESIGN, AND PERMITTING**

**OPTIONAL TASK 4.2: Pre-Application Meeting**

<i>Labor</i>	<i>Hours</i>	<i>Cost</i>	<i>Task Totals</i>
Senior Environmental Specialist	10.0	1,905.00	
Project Manager	4.0	780.00	
Designer or Technician	8.0	880.00	
Total Man-Hours	22.0		
Labor Cost			3,565.00
<i>Total Optional Task 4.2</i>			\$ 3,565.00

**OPTIONAL TASK 4.3: Environmental Permit Application**

<i>Labor</i>	<i>Hours</i>	<i>Cost</i>	<i>Task Totals</i>
Senior Environmental Specialist	56.0	10,668.00	
Project Manager	16.0	3,120.00	
Designer or Technician	64.0	7,040.00	
Total Man-Hours	136.0		
Labor Cost			20,828.00
<i>Total Optional Task 4.3</i>			\$ 20,828.00

Exhibit B

**BARTRAM ISLAND CELL "C"  
CONCEPT DEVELOPMENT, DESIGN, AND PERMITTING**

<b>OPTIONAL TASK 4.5: Responses to Agency Request for Additional Information (RAI)</b>			
<i>Labor</i>	<i>Hours</i>	<i>Cost</i>	<i>Task Totals</i>
Senior Environmental Specialist	40.0	7,620.00	
Project Manager	16.0	3,120.00	
Designer or Technician	40.0	4,400.00	
<b>Total Man-Hours</b>	<b>96.0</b>		
<b>Labor Cost</b>			<b>15,140.00</b>
<b>Total Optional Task 4.5</b>		<b>\$</b>	<b>15,140.00</b>
<b>Optional Tasks (3.1, 4.2, 4.3, 4.5) \$</b>			<b>85,485.04</b>

**Attachment 1**

**AMDRILL, Inc.**

**Fee Proposal  
and  
Preliminary Boring Plan**



December 11, 2020

Taylor Engineering, Inc.  
10199 Southside Blvd, Suite 310  
Jacksonville, FL 32256

Direct: (904) 256-1362  
Mobile: (904) 710-4309  
[jarmbruster@taylorengeering.com](mailto:jarmbruster@taylorengeering.com)

Attn: Jonathan Armbruster

RE: ATV-Port of Jacksonville/Bartram Island Drill in Jacksonville, FL

Per your request, we are submitting the following quote for the above referenced project.

Mobilization/Demobilization .....	\$50,000.00
(ATV, Go Track, P-3, P-5 Vibracore, all tooling to perform drill task, Kobota Side-by-Side, support boat, and barge [for transporting equipment to island] to/from Jacksonville, FL)	
Drilling Task Estimated Completion Time is 21 days.....	\$210,000.00
(Utilizing two Rigs to collect soil samples.)	
<b>Project Total (Lump Sum) .....</b>	<b>\$260,000.00</b>

This proposal is based off the job scope that was provided to Amdrill.

**For contingency borings that are added, there will be an addition fee of \$10,000.00 for 2 rigs per day.**

**Client is responsible for locating and logging boring holes.**

**Client will take samples from boat ramp daily.**

**Client is responsible for obtaining all permits and utility clearance.**

For any additional work or changes not quoted, Amdrill’s standard schedule of fees will apply.

A finance charge of 1.5% per month will be charged to all invoices over 30 days old.

If we can be of any further service or if you have any questions, please call.

Respectfully,

*Tim Clarkson*

Tim Clarkson  
President  
[tim@amdrillinc.com](mailto:tim@amdrillinc.com)

**P.O. BOX 10278 – BROOKSVILLE, FLORIDA 34603  
PHONE: (352) 540-9666 – FAX: (352) 796-1666**



**PLEASE VISIT OUR WEBSITE AT:**  
**[www.amdrillinc.com](http://www.amdrillinc.com)**

**PLEASE SIGN AND FAX COPY TO AMDRILL, INC.**

Should it become necessary to place this account with an attorney for collection, suit or other legal action, I/we hereby agree to pay all cost of such collections, suit or other legal action, including a reasonable attorney's fee. Taylor Engineering, Inc. acknowledges and agrees that if Taylor Engineering, Inc. and Amdrill, Inc. enter into a proposal to provide service by Amdrill, Inc. that the enforcement of such obligations and the rights of the parties shall be governed by the laws of the State of Florida and venue of any action thereunder shall lie in the State Courts in Orlando, Florida.

Taylor Engineering, Inc. understands that all payments for services rendered by Amdrill, Inc. shall be due and payable by Taylor Engineering, Inc. within 30 days of invoicing from Amdrill, Inc. Taylor Engineering, Inc. further understands and agrees that **SERVICE CHARGES of 1.5% per month** will be added to the new balance if unpaid within 30 days.

CORPORATE OFFICER'S SIGNATURE

PRINTED NAME

TITLE

DATE

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**P.O. BOX 10278 – BROOKSVILLE, FLORIDA 34603**  
**PHONE: (352) 540-9666 – FAX: (352) 796-1666**



**Attachment 2**

**Arc Surveying and Mapping, Inc.**

**Fee Proposal**



*Arc Surveying & Mapping, Inc.*  
*Professional Hydrographers • Surveyors • Mappers*

November 10, 2020

Mr. Jonathan Armbruster, P.E.

Taylor Engineering, Inc.  
10199 Southside Blvd., Suite 310, Jacksonville, FL 32256  
Main: 904-731-7040 | Direct: 904-256-1362  
jarmbruster@taylorengeering.com

Mr. Jonathan Armbruster, P.E.

Taylor Engineering, Inc.  
10199 Southside Blvd., Suite 310, Jacksonville, FL 32256  
Main: 904-731-7040 | Direct: 904-256-1362 [jarmbruster@taylorengeering.com](mailto:jarmbruster@taylorengeering.com)

RE: Bartram Island Cell C Design Surveys  
Jacksonville, Florida

As requested, Arc Surveying & Mapping, Inc. (Arc) is providing a proposal for acquisition of topographic and bathymetric data acquisition of portion of Bartram Island, designated as Cell "C".

**General Scope:** Arc will provide all equipment and labor resources necessary to acquire topographic and bathymetric data within and around a portion of Bartram Cell "C". The objective of the survey is to document accurate topographic and bathymetric existing site conditions in support of analysis and engineering design efforts for modifications to DDMA Cell C.

1) **Project Datum:** The Horizontal project datum will be based on the Lambert Conformal Conic Projection for the East Zone of Florida (0901) and referenced to the North American Adjustment of 83/90 (NAD83/90). The Vertical project datum will be referenced to the National American Vertical Datum adjustment of 1988 (NAVD88). The units of measurement will be U.S. Survey Foot. Published values, as documented in the NGS data sheets, will be held as the controlling values, and utilized for RTK GPS site calibrations.

2) **Task:**

**Topographic Survey:** Survey within the projects limit, limited by edge of water to edge of water and to include a 500-foot buffer to the north and south project limits. In addition, topographic data will be acquired at the JaxPort landing and access road to Cell C. Access road survey limits will be bound by the MHW line. Survey to be performed with a combination of airborne LiDAR and topographic conventional surveying methods. LiDAR acquisition will include a point density of not less than 25 points per square meter to support ground, vegetation, and structure classifications. In addition, high resolution digital aerial photography will be acquired suitable for production of three-inch pixel resolution and adequate to assure successful production of accurate ortho digital imagery. JPA Cell C –

5202 San Juan Ave. Jacksonville, FL 32210 Phone 904.384.8377 Fax 904.384.8388



Design Survey  
Page 2

Topographic survey to include a current representation of Digital Terrain Model (DTM), Mean High Water line (MHWL), existing weir structures, dike roadway topography and landing area and access road. *(Deliverable of preliminary DTM available 14 to 21 working days from NTP and final deliverable available 30 working days from NTP. – weather contingent).*

- a) ~~Hydrographic Survey (optional): Hydrographic Survey along the east and west side of the project from water's edge to navigable depth. Limits of survey will be determined by the order of: 1) an adjacent Federal Channel 2) a depth of 15 feet from published mean low water, or 3) 500 feet from the shoreline, whichever limit is encountered first. (Deliverable of hydrographic data available 10 days from NTP).~~
- c) **Wetland Location Survey:** Locate and map wetland delineation. Wetland will not be determined by ARC, only field markers by other will be located. *(wetland locations available 10 days from notification that wetlands have been designated in the field)*
- b) **Core Boring Location Survey:** Locate and map core boring locations performed by others. ARC will locate the boring location including position and elevation of the natural ground where borings were acquired. The identification of where the borings were performed will be a field marker established by the geotechnical firm performing coring operations. An approximate location and sketch of coring locations will be required prior to locating. *(core boring locations available 10 days from notification that all coring's have been completed in the field)*

3) Deliverables:

- a) DTM and digital survey cad files of survey results.
- b) Topographic, hydrographic, and planimetric digital mapping with one-foot contours at a scale of 1" = 50' in compatible format.
- c) Lidar DEM and DSM in LAS format and XYZ format.
- d) 3" pixel resolution digital orthoimagery in TIF and ECW format.

4) Professional Fees:

- a) Topographic, Wetland, Core Boring, and Landing Hydrographic Survey: \$56,950 US Dollars.
- b) ~~Optional hydrographic Survey: \$8,550 US Dollars~~

This proposal applies only to the scope of services as described herein, any work item not specifically mentioned is not a part of this proposal. Work directed and completed outside the lump sum amount will be invoiced at the following rates:

Rates:

Topographic Survey: \$1,850 per day  
Hydrographic Survey: \$2,250 per day  
Cad: \$110 per hour  
PLS: \$140 per hour

JPA Cell C – Design Survey  
Page 3

Arc Surveying and Mapping, Inc. appreciates the opportunity to work with Taylor on this project and are available to answer any questions or concerns you may have.

Sincerely,

**Richard Sawyer**

Richard J. Sawyer, PSM, CH  
Vice President

1) Accepted By: \_\_\_\_\_ Date: \_\_\_\_\_  
Taylor Engineering



**Attachment 3**

**Wood Environment & Infrastructure Solutions, Inc.**

**Fee Proposal**



**FEE ESTIMATE - LABORATORY TESTING SERVICES (REVISION NO. 1)**  
**Jacksonville Port Authority Bartram Island DMMA Cell "C"**  
**Jacksonville, Florida**

Prepared by: MBW      Reviewed by: GRA  
 Date: 12/11/2020      Date: 12/11/2020

Test	Test Frequency (1 test/_ ft)	Total SPT Boring Footage*	Quantity of Tests	Unit Rate	Total Cost
Grain size analysis	10	1980	198	\$ 56.50	\$ 11,187.00
Moisture content	10	1980	198	\$ 10.25	\$ 2,029.50
Organic content	50	1980	40	\$ 36.00	\$ 1,440.00
Atterberg limits	50	1980	40	\$ 80.00	\$ 3,200.00
Modified Proctor	--	--	10	\$ 110.00	\$ 1,100.00
Hydraulic Conductivity	--	--	10	\$ 220.00	\$ 2,200.00
Direct Shear:	--	--	10	\$ 515.00	\$ 5,150.00
Triaxial Shear (including remolding)	--	--	15	\$ 545.00	\$ 8,175.00
Consolidation (12 loading increments)	--	--	10	\$ 620.00	\$ 6,200.00
Unit weight and moisture content of Shelby tube sample	--	--	25	\$ 67.00	\$ 1,675.00
Unconfined compressive strength (clay)	--	--	10	\$ 90.00	\$ 900.00
<b>Totals:</b>			<b>566</b>		<b>\$ 43,256.50</b>

\* Includes allowance for contingency borings (if required)

ENGINEERING STAFF-HOUR ESTIMATE (REVISION NO. 1)

PROJECT: Jacksonville Port Authority Bartram Island DMMA Cell "C"  
 LOCATION: Jacksonville, Florida

Prepared by: MBW  
 Date: 12/11/2020

Reviewed by: GRA  
 Date: 12/11/2020

Task	Basis	Typical Qty.	Estimated Quantities (hrs)							Totals	
			Project Engineer (Chordia or Haskins)	Project Engineer (Chascin)	Senior Engineer (Setzer)	Principal Engineer (Woodward)	Senior Principal (Andersen)	Chief Engineer (Horton)	Project Admin. (Weaver)		CAD (Patterson)
Planning Meetings/Research	Size of Project	1.0 to 4.0 hrs				8.00	2.00				10.00
Contract Review	Size/Complexity of Project	1.0 to 4.0 hrs				2.00			3.00		5.00
Set Up Project	Per Project	0.25 to 0.5 hr				2.00			3.00		5.00
Drilling Assignments	Per Project	0.25 to 1.0 hr									0.00
Utility Clearance	Size of Project	0.5 hr									0.00
Field Coordination	Per Day of Drilling	0.5 hr per day				10.50					10.50
Engineering During Drilling Operations (technical decisions)						15.00	15.00				30.00
Sample Stratification / Draft Boring Logs	Per 100' of Drilling (including contingency boring)	1.0 hr per 100'		20.00							20.00
Draft Appendix / GSP / Assign Drafting	Per 250' of SPT Boring	1.0 hr per 250'	10.00								10.00
Check Draft Appendix	Size of Project	1.0 hr per 500'	5.00								5.00
Laboratory Testing Assignment	Size of Project					24.00	4.00				28.00
Check Lab Data	Size of Project			16.00							16.00
Engineering Analysis											0.00
- Develop Soil Parameters for Various Analyses	Size of Project	4.0 to 16.0 hrs				12.00	4.00				16.00
- Review Taylor's GeoStudio Stability Analyses (10%)	2 cross sections, 1 concept	5 hrs/run					10.00				10.00
- Review Taylor's GeoStudio Seepage Analyses (10%)	2 cross sections, 1 concept	5 hrs/run					10.00				10.00
- Review Taylor's GeoStudio Stability Analyses (60%)	2 cross sections, 1 concept	5 hrs/run					10.00				10.00
- Review Taylor's GeoStudio Seepage Analyses (60%)	2 cross sections, 1 concept	5 hrs/run					10.00				10.00
- Review Taylor's GeoStudio Stability Analyses (10%) - Contingency for possible seepage breakthrough	2 cross sections, 1 concept	3 hrs/run					0.00				0.00
- Review Taylor's GeoStudio Seepage Analyses (10%) - Contingency for possible seepage breakthrough	2 cross sections, 1 concept	3 hrs/run					0.00				0.00
- Review Taylor's GeoStudio Stability Analyses (60%) - Contingency for possible seepage breakthrough	2 cross sections, 1 concept	3 hrs/run					0.00				0.00
- Review Taylor's GeoStudio Seepage Analyses (60%) - Contingency for possible seepage breakthrough	2 cross sections, 1 concept	3 hrs/run					0.00				0.00
- Dike Settlement Analysis using Settle3 and other analysis methods, including reviewing and providing technical input for Taylor's staged construction design			24.00			4.00	10.00				38.00
Provide assistance with toe (possible toe drain)						3.00	8.00				11.00
Review Taylor's 60% design report						3.00	6.00				9.00
Review Taylor's drawings and specifications						4.00	8.00				12.00
CAD											0.00
- Site Location Map	Size of Project	0.5 hr							0.50		0.50
- Field Exploration Plan	Size of Project	1.0 to 3.0 hrs							2.00		2.00
- Generalized Subsurface Profile	Per 200' of SPT Boring	1.0 hr per 200'							12.00		12.00
- gLNT Logs	Per 200' of SPT Boring	1.0 hr per 200'							12.00		12.00
Consultation and/or Meetings with client	Size/Complexity of Project	2.0 to 4.0 hrs									0.00
- Brainstorming						3.00	3.00				6.00
- Design criteria discussion						2.00	2.00				4.00
- Post 30% meeting						3.00	3.00				6.00
- Post 60% meeting						3.00	3.00				6.00
Draft Report Preparation	Size/Complexity of Project	4.0 to 20.0 hrs				18.00	8.00		2.00		28.00
Draft Report Review	Size/Complexity of Project	2.0 to 12.0 hrs					8.00				8.00
Independent Technical Review	Size/Complexity of Project							4.00			4.00
Finalize Report	Size/Complexity of Project	1.0 to 4.0 hrs				4.00	2.00		4.00	2.00	12.00
<b>Totals:</b>			<b>39.00</b>	<b>36.00</b>	<b>0.00</b>	<b>120.50</b>	<b>118.00</b>	<b>4.00</b>	<b>12.00</b>	<b>28.50</b>	<b>358.00</b>

Hourly Rates: \$110.00 \$100.00 \$150.00 \$200.00 \$220.00 \$250.00 \$100.00 \$80.00

Fees by Category: \$4,290.00 \$3,600.00 \$0.00 \$24,100.00 \$25,960.00 \$1,000.00 \$1,200.00 \$2,365.50 \$62,515.50

% of Total Engineering Budget: 6.9% 5.8% 0.0% 38.6% 41.5% 1.6% 1.9% 3.8% 100.0%

Total Engineering Budget: \$62,515.50

Task 2.5 \$33,335.50

Task 3 \$11,040.00

Task 4.1 \$15,580.00

Task 4.2 \$2,560.00

TOTAL \$62,515.50

**SUBMISSION FOR AWARDS COMMITTEE  
AND CHIEF EXECUTIVE OFFICER APPROVAL  
JACKSONVILLE PORT AUTHORITY**

AC-2021-01-19-02  
Reference No.

\_\_\_\_\_  
File

01/19/2021  
Date

**SUBJECT: Repair and Installation of Video Surveillance Systems**  
JPA Project No.: Various                      JPA Contract No.: 075-20 Multi-Agency  
United Security Alliance, Inc.

**COST: \$1,048,000**

**BUDGETED**

**NON-BUDGETED**

**BACKGROUND:**

This contract is for the installation of new equipment and the maintenance and repair of video surveillance systems at various JAXPORT locations. The scope of work includes but is not limited to, all materials, labor, supervision, tools, electronic parts, wiring, software, hardware and equipment necessary to provide installation, maintenance, adjustments, testing, replacement of parts, and emergency services. All work will be performed on an as needed basis.

This award is the result of a multi-agency solicitation effort led by JEA.

On October 5, 2020, JEA solicited bids from qualified and licensed contractors, to provide the aforementioned services. On November 24, 2020, JEA received two (2) conforming bids from United Security Alliance, Inc. and G4S Secure Integration, LLC. On December 17, 2020, the JEA Awards Committee approved award of a contract to United Security Alliance, Inc., the lowest responsive and responsible bidder. The initial contract period is five (5) years with one (1) one-year (1) renewal option.

Security Operations anticipants use of this contract on an annual basis:

**RECOMMENDATION:**

Management recommends that the Awards Committee recommend that the Board of Directors approve the issuance of a master service agreement to United Security Alliance for maintenance, repair, and installation of video surveillance systems in the estimated amount of \$1,048,000.



AC-2021-01-19-02

Once necessary approvals are obtained by the Awards Committee Chairman, the Chief Executive Officer is authorized to sign purchase orders, agreements or contracts for the Award.

Attachments: JEA's award submission approved 12/17/2020.

**ORIGINATED BY:**

**Dwight Collins**  
Digital Signer Dwight Collins  
DN=C=US, E=dwight.collins@jea.org, OU=JASPORT OU=Public Safety, CN=Dwight Collins  
Date: 2021.01.14 15:14:29 -05:00  
Dwight Collins, Director, Public Safety & Security

**SUBMITTED FOR APPROVAL**

**Jacqueline R. Glass**  
Digital Signer Jacqueline R. Glass  
DN=C=US, E=jacqueline.glass@jea.org, OU=JASPORT OU=Procurement, CN=Jacqueline R. Glass  
Date: 2021.01.15 09:04:05 -05:00  
Jacqueline Glass, Director, Procurement Services

**AWARDS COMMITTEE ACTION**

APPROVED       REJECTED       DEFERRED

CONDITIONS OF APPROVAL (IF ANY):

**Retta Rogers**  
Digital Signer Retta Rogers  
DN=C=US, E=retta.rogers@jea.org, OU=JASPORT OU=Operations, CN=Retta Rogers  
Date: 2021.01.15 15:55:45 -05:00  
Retta Rogers, Secretary to Awards Committee

**Frederick Wong**  
Digital Signer Frederick Wong  
DN=C=US, E=Frederick.Wong@jea.org, OU=JASPORT OU=Operations, CN=Frederick Wong  
Date: 2021.01.20 10:14:21 -05:00  
Frederick P. Wong Jr., Chairman to Awards Committee

**CHIEF EXECUTIVE OFFICER ACTION**

APPROVED       REJECTED       DEFERRED

CONDITIONS OF APPROVAL (IF ANY):

  
Eric B. Green, Chief Executive Officer

CONDITIONS OF APPROVAL (IF ANY):

\_\_\_\_\_  
Date      Rebecca Dicks, Corporate Secretary

**BOARD DECISION**

APPROVED       REJECTED       DEFERRED

CONDITIONS OF APPROVAL (IF ANY):

\_\_\_\_\_  
Date      Board Chairman  
\_\_\_\_\_  
Date      Board Secretary

Approved by the JEA Awards Committee

Date: 12/17/2020 Item# 21



## Formal Bid and Award System

Award #21 December 17, 2020

**Type of Award Request:** BID (IFB)  
**Request #:** 6864  
**Requestor Name:** Summers, Matthew K. - Manager, Physical Security  
**Requestor Phone:** (904) 665-4798  
**Project Title:** Repair and Installation of Video Surveillance Systems  
**Project Number:** 8006696, 8006563, 8006472, 8006809, 8006810, HE31000  
**Project Location:** JEA  
**Funds:** Capital and O&M  
**Budget Estimate:** \$8,100,000.00 (JEA = \$6,400,000.00, other agencies = \$1,700,000.00)

**Scope of Work:**

The scope of this contract is to secure the services of a qualified contractor which will provide procurement, installation, and maintenance for the JEA video surveillance systems. The work performed by the contractor consists of, but is not limited to, all materials, labor, supervision, tools, electronic parts, wiring, software, hardware and equipment necessary to provide installation, maintenance, adjustments, testing, replacement of parts, and emergency service as herein specified. All maintenance services rendered under this contract shall be by uniformed employees of the bidder and no part of the servicing or emergency call-back service may be sub-contracted.

**JEA IFB/RFP/State/City/GSA#:** 075-20  
**Purchasing Agent:** Rix, Lynn Woods  
**Is this a Ratification?:** NO

If yes, explain:

**RECOMMENDED AWARDEE(S):**

Name	Contact Name	Email	Address	Phone	Award Amount
UNITED SECURITY ALLIANCE, INC.	Luis Carmona	luis.carmona@usasolutions.com	9008 Brittany Way, Tampa, FL 33619	(813) 620-0505	\$6,400,000.00

**Amount for entire term of Contract/PO:** \$6,400,000.00  
**Award Amount for remainder of this FY:** \$1,275,000.00  
**Length of Contract/PO Term:** Five (5) Years w/One (1) – 1 Yr. Renewal  
**Begin Date (mm/dd/yyyy):** 12/15/2020  
**End Date (mm/dd/yyyy):** 12/14/2025  
**Renewal Options:** YES – One (1) – 1 Yr. Renewal  
**JSEB Requirement:** N/A – Optional

**BIDDER:**

Name	Amount
UNITED SECURITY ALLIANCE, INC.	\$11,869,606.05
G4S SECURE INTEGRATION LLC	\$14,682,760.48

**Background/Recommendations:**

Advertised on 10/05/2020. Seven (7) Companies attended the mandatory pre-bid meeting on October 16, 2020. At bid opening, November 3, 2020, only one (1) bid was received. JEA did not open the bid and set as second mandatory pre-bid meeting to increase competition. In order to bid, a supplier must have attended at least one of the two mandatory pre-bid meetings. No additional companies attended the second mandatory pre-bid meeting on November 13, 2020. At bid opening, November 24, 2020, two (2) bids were received. United Security Alliance, LLC. was the lowest responsive and responsible Bidder. JTA and JPA participated in the Bid process and their forecast spend was aggregated with JEA's spend for a five (5) year multi-agency Bid. A copy of the Bid Form is attached.

This award is the result of a joint effort between JEA, JAXPORT, and JTA to create a single solicitation and provide the identified services for all three (3) agencies as a collaborative sourcing effort. This award is for JEA projects only. The primary goals are to:

- Obtain reduced, and secured, united costs for all three (3) agencies for the next five (5) years;
- Create interoperability between agencies; and
- Enhance the availability of materials and responsiveness of service in Jacksonville for these systems, while reducing the administrative burden to the agencies.

Comparing United Security Alliance labor rates to the current contract labor rates, they decreased by an average of nine percent (9%). The forecasted materials spend has increased due to material changes and pricing changes, which varied and are not directly comparable. Rates are fixed for the first two (2) years of the contract and then the Bidder can request a CPI increase capped at 2%. The award amount is less than the Bid Amount due to current budget and the business unit intends to examine the budget in the out years to support carrying the contract to term.

075-20 - Request approval to award a five (5) year contract to United Security Alliance Inc. for repair and installation of video surveillance systems in the amount of \$6,400,000.00, subject to the availability of lawfully approved funds.

**Manager:** Summers, Matthew K. – Manager, Physical Security  
**Director:** Edwards, Brandon L. - Director Security  
**VP:** Tuten, Steven V. – Interim Chief Compliance Officer

**APPROVALS:**

 12/17/2020

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**Chairman, Awards Committee** **Date**

**Budget Representative** **Date**

 12/17/2020

---

**APPENDIX B  
BID FORM FOR SOLICITATION 075-20**

**REPAIR AND INSTALLATION OF VIDEO SURVELLIANCE SYSTEMS**

The Bidder shall submit one original set of Bid Documents. Bids/Responses will only be accepted electronically via link provided. Please use the REQUEST A SUBMISSION LINK on the Formal Procurement Opportunities page of JEA.com to receive a unique, password-protected link. An automated, detailed auditing system provides sealed bid integrity. To ensure the link is received in a timely manner, link requests should be made by 5:00 p.m. on the Friday prior to the bid due date. JEA will not accept Bid Document files transmitted via email.

Company Name: United Security Alliance, Inc.

Company's Address 9008 Brittany Way, Tampa, FL 33619

State of Florida General Contractor's License Number EF0000803

Phone Number: 813.620.0505 FAX No: 813.622.6992 Email Address: Bids@USASolutions.com

**BID SECURITY REQUIREMENTS**

- None required
- Certified Check or Bond (Five Percent (5%))

**TERM OF CONTRACT**

- One Time Purchase
- Other, Specify – 5 yrs, w/ 1 optional renewal Annual Requirements

**SAMPLE REQUIREMENTS**

- None required
- Samples required prior to Bid Opening
- Samples may be required subsequent to Bid Opening

**SECTION 255.05, FLORIDA STATUTES CONTRACT BOND**

- None required
- Bond required 100% of Bid Award

**QUANTITIES**

- Quantities indicated are exacting
- Quantities indicated reflect the approximate quantities to be purchased Throughout the Contract period and are subject to fluctuation in accordance with actual requirements.

**INSURANCE REQUIREMENTS**

**Insurance required**

**PAYMENT DISCOUNTS**

- 1% 20, net 30
- 2% 10, net 30
- 3% 5, net 30
- Other \_\_\_\_\_
- None Offered

#	ENTER YOUR BID FOR THE IFB 075-20 SERVICES	BID PRICE
1	BID WORKBOOK LABOR RATES TOTAL	\$ 4,420,000.00
2	BID WORKBOOK MATERIALS RATES TOTAL	\$ 7,449,606.05
TOTAL BID PRICE (Sum of Lines 1 through 2 above)		\$ 11,869,606.05

**Contractor's Mark-Up** - Mark-Up percentage will only be used for task orders issued by JPA/JTA, where the Davis Bacon Act applies, for federally funded projects. The mark-up percentages shall include all associated cost over and above local Davis Bacon prevailing wages and mandatory fringe benefits.

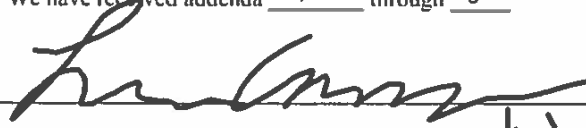
Overhead and Profit	RATE
Contractor's Mark-Up	% <u>84</u>

**APPENDIX B**  
**BID FORM FOR SOLICITATION 075-20**

**REPAIR AND INSTALLATION OF VIDEO SURVEILLANCE SYSTEMS**  
**BIDDER'S CERTIFICATION**

By submitting this Bid, the Bidder certifies that it has read and reviewed all of the documents pertaining to this Solicitation, that the person signing below is an authorized representative of the Bidder's Company, that the Company is legally authorized to do business in the State of Florida, and that the Company maintains in active status an appropriate contractor's license for the work (if applicable). The Bidder also certifies that it complies with all sections (including but not limited to Conflict Of Interest and Ethics) of this Solicitation, and that the Bidder is an authorized distributor or manufacturer of the equipment that meets the Technical Specifications stated herein.

We have received addenda   1   through   5  



11/24/2020

Handwritten Signature of Authorized Officer of Company or Agent

Date

Luis Carmona, Vice President of Technology

Printed Name and Title

**075-20 - REPAIR AND INSTALLATION OF VIDEO SURVEILLANCE SYSTEMS  
APPENDIX B BID FORM**

**Company:** United Security Alliance, Inc.  
**Contact:** Luis Carmona, VP of Technology  
**Phone No.:** (813) 620-0505

I. Labor Rates – Labor used for the repair and installation of the video surveillance system will be provided by the contractor. Quantities

LABOR TYPE	LABOR FUNCTION	SERVIGE	RATE	QTY	TOTAL
Project Management	Responsible for the account management, documentation, scheduling, programming, etc.	SR	\$ 60.00	7000	\$ 420,000.00
System Software Administrator	Responsible for software programming, updating, development, etc.	SR	\$ 60.00	7000	\$ 420,000.00
		ER	\$ 75.00	2000	\$ 150,000.00
Technician Working Foreman	Responsible for the management of technicians, jobsite efforts, sign-offs, etc	SR	\$ 50.00	30000	\$ 1,500,000.00
		ER	\$ 62.50	4000	\$ 250,000.00
Technician	Responsible for system testing, repairs, evaluations, wiring, etc.	SR	\$ 48.00	30000	\$ 1,440,000.00
		ER	\$ 60.00	4000	\$ 240,000.00

UNIT

**GRAND TOTAL -TRANSFER TO BID FORM PAGE 1 OF 5 (SECTION #1): \$ 4,420,000.00**

075-20 - REPAIR AND INSTALLATION OF VIDEO SURVEILLANCE SYSTEMS  
APPENDIX B BID FORM

SECTION #1 - Labor Rates

Company: 0 United Security Alliance, Inc.  
Contact: 0 Luis Carmona, VP of Technology  
Phone No.: 0 (813) 620-0505

2. **Materials** – All materials used for the installation and repairs of the video surveillance system will be provided by the contractor. The material pricing below should include all standard delivery shipping and handling charges. Quantities below are estimates for evaluation purposes and are not a

VENDOR	PART NO.	DESCRIPTION	UNIT	QTY	PRICE
ARMORLOGIX	AL272213N	ArmorLogix Field Enclosure w/Backplane 27" x 22" x 13"	\$ 846.69	100	\$ 84,669.00
GSI	10.60307	G-ST 3000+	\$ 4,635.60	50	\$ 231,780.00
GSI	4.21744	Rack Mount for Re_Porter and GeViScope	\$ 41.40	50	\$ 2,070.00
GSI	8.31150	License/GSC/IP-Cam	\$ 109.50	750	\$ 82,125.00
GSI	8.34340	G-Sim Channel Connect License	\$ 154.80	750	\$ 116,100.00
GSI	8.34345	G-Sim Channel Connect Failover License	\$ 43.80	750	\$ 32,850.00
GSI	5.36500U5	HDD / 12TB / S-ATA-HT	\$ 630.00	100	\$ 63,000.00
GSI	8.31075	License/GSC/ITB	\$ 0.01	300	\$ 3.00
GSI	5.35464	Ethernet/1Gbps/PCI	\$ 64.20	50	\$ 3,210.00
GSI	5.35465	Ethernet/1Gbps/SERV2x/PCI-E	\$ 374.40	100	\$ 37,440.00
GSI	5.35294	SER-4/PCI-E/CP-114EL	\$ 406.80	35	\$ 14,238.00
GSI	8.31060	License/GSC/View-10x	\$ 0.01	100	\$ 1.00
GSI	5.03730	EFD-4230 Full HD Dome Camera, 2.8-12mm, IR, IP66	\$ 819.60	300	\$ 245,880.00
GSI	5.04740	EBDA-004 Cap for Dome Cameras	\$ 107.40	300	\$ 32,220.00
GSI	5.04864	BWM-001 Wall Mount for Dome Cameras	\$ 82.20	300	\$ 24,660.00
GSI	5.03731	4MP Bullet Camera 3-9mm	\$ 833.40	100	\$ 83,340.00
GSI	5.03738	1080p 40X PTZ Camera	\$ 2,182.20	25	\$ 54,555.00
GSI	5.03727	4MP Box Camera	\$ 627.60	300	\$ 188,280.00
ORION	DC2000RTX1	2U Rackmounted UPS - 2000V	\$ 1,265.00	50	\$ 63,250.00
ORION	DC2000TX1EBM	External Battery Pack for DC2000RTX1	\$ 589.56	50	\$ 29,478.00
ORION	OPS-Rail Kit	UPS Rail Kit	\$ 59.80	50	\$ 2,990.00
BOSCH	NBN-63013-B	IP HD Fixed Camera	\$ 498.09	200	\$ 99,618.00
BOSCH	NDP-7512-Z30K	IP HD PTZ Camera w/ Housing	\$ 2,462.32	100	\$ 246,232.00
BOSCH	NDE-4502-A	Flexidome IP Camera	\$ 449.65	100	\$ 44,965.00
BOSCH	NDV-3502-F02	Flexidome IP Micro Camera	\$ 182.61	100	\$ 18,261.00
BOSCH	NDI-4502-A	Flexidome IP Indoor Camera	\$ 407.76	100	\$ 40,776.00
BOSCH	VG4-A-PA0	Wall Mount	\$ 158.73	50	\$ 7,936.50
BOSCH	VG4-A-9541	Pole Mount	\$ 62.25	50	\$ 3,112.50
TRANSITION	SM24TAT2SA	Managed PoE+ Switch, 24-port Gigabit PoE+, 2-port SFP	\$ 634.89	100	\$ 63,489.00
TRANSITION	SISTP1040-342-LRT	Unmanaged, Hardened Gb Switch, PoE+, 4+2 SFP	\$ 330.70	100	\$ 33,070.00
TRANSITION	TN-GLC-SX-MM	SFP, 1Gb, MM	\$ 47.70	100	\$ 4,770.00
TRANSITION	25105	Switch Power Supply, DIN, 48VDC, 120W	\$ 221.99	100	\$ 22,199.00
TRIPPLITE	B030-008-17-IP	1U KVM Console, 8-Port HDMI, 17". Remote Access	\$ 2,553.97	100	\$ 255,397.00
PELCO	EH-20M	Small Outdoor Enclosure	\$ 132.92	400	\$ 53,168.00
DITEK	DTK-WM4NETS	Wall Mount Shielded Network Surge Protector	\$ 121.37	250	\$ 30,342.50
DITEK	DTK-8FF	8 Outlet Surge Power Strip	\$ 19.54	100	\$ 1,954.00
DITEK	DTK-2MHLP48BWB	Hybrid Modular Surge Protector - 48VDC	\$ 66.82	350	\$ 23,387.00
DITEK	DTK-RM24NETS	24 Port Rack Mount Surge Protection	\$ 820.19	125	\$ 102,523.75

**075-20 - REPAIR AND INSTALLATION OF VIDEO SURVEILLANCE SYSTEMS**  
**APPENDIX B BID FORM**

DITEK	DTK-MRJOE	1 Device Network Device Surge Protection for High PoE Devices	\$ 51.82	150	\$ 7,773.00
HOFFMAN	A24124ALP	24X24X6 Enclosure	\$ 611.57	50	\$ 30,578.50
HOFFMAN	A24P24	24X24X6 Backplane	\$ 82.22	100	\$ 8,222.00
HOFFMAN	CPMK24	Pole Mount Brackets for Hoffman Enclosures	\$ 246.58	250	\$ 61,645.00
HOFFMAN	A664PHC	Junction Box: Polyester; Hinged; Clamp; Gray	\$ 67.76	250	\$ 16,940.00
GARRETTCOM	PES42P-1ST-48VDC+PS42-AC/DC	Magnum PoE Edge Switch with Internal Power Supply	\$ 1,336.57	250	\$ 334,142.50

GARRETTCOM	CS14-ST-4	Converter Switch - (1) 100Mb Fiber, (2) 10/100 RJ45	\$ 308.44	250	\$ 77,110.00
GARRETTCOM	MC14-TR-PS9	Media Converter Rack Mount Tray with PS	\$ 352.50	175	\$ 61,687.50
MIDDLE ATLANTIC	DWR-1R-32	Enclosure - Wall Mount	\$ 711.30	35	\$ 24,895.50
MIDDLE ATLANTIC	PFD-1R	Plexi-Glass Door	\$ 268.17	35	\$ 9,385.95
MIDDLE ATLANTIC	DWR-FK32	Fan Kit	\$ 142.58	35	\$ 4,990.30
MIDDLE ATLANTIC	DWR-RR18	Rear Rack Rails	\$ 48.20	35	\$ 1,687.00
MIDDLE ATLANTIC	PD-815SC	Power Strip	\$ 101.15	35	\$ 3,540.25
MIDDLE ATLANTIC	MRK-431-DVR	Floor Mount Cabinet, Complete Kit	\$ 3,032.01	50	\$ 151,600.50
MIDDLE ATLANTIC	MV-RR44	Rear Rack Rails	\$ 102.51	50	\$ 5,125.50
CORNING	SPH-01P	Fiber Optic LIU - Wall Mount	\$ 60.02	350	\$ 21,007.00
CORNING	CCIL-CP06-15T	Fiber Optic Terminal Inserts	\$ 37.52	350	\$ 13,132.00
CORNING	95-000-50	Fiber Optic ST Unicam 62.5 µm Multimode Connectors	\$ 11.37	2000	\$ 22,740.00
CORNING	CCH-03U	Rack Mounted Fiber Optic LIU	\$ 291.91	175	\$ 51,084.25
SAMSUNG	LCDIU17-15N	Samsung Keyboard/Monitor Combo - Shallow Depth	\$ 909.60	50	\$ 45,480.00
AXIS	01337-001	2N Helios IP Force - 1 Button Camera 10W Speaker	\$ 1,115.08	100	\$ 111,508.00
AXIS	01377-001	2N Helios IP License - Enhanced Video	\$ 84.06	100	\$ 8,406.00
CABLE	Cable	CAT5e Cable - Plenum (1000' FT)	\$ 162.75	150	\$ 24,412.50
CABLE	Cable	CAT5e Cable - PVC (1000' FT)	\$ 98.99	120	\$ 11,878.80
CABLE	Cable	CAT5e Cable - Wet Location (1000' FT)	\$ 201.60	75	\$ 15,120.00
CABLE	Cable	6-CT MM Fiber Optic Cable - Riser (1000' FT)	\$ 882.00	55	\$ 48,510.00
CABLE	Cable	6-CT MM Fiber Optic Cable - Wet Location (1000' FT)	\$ 1,050.00	60	\$ 63,000.00
CABLE	FIBER PATCH	ST/MTRJ MM 3 Meter	\$ 15.00	250	\$ 3,750.00
CABLE	FIBER PATCH	ST/ST MM 3 Meter	\$ 13.25	250	\$ 3,307.50
CABLE	FIBER PATCH	ST/LC MM 3 Meter	\$ 14.38	250	\$ 3,595.00
AXIS	M3065-V	Mini Fixed Dome indoor	\$ 230.74	100	\$ 23,074.00
AXIS	M3058-PLVE	Panoramic Fisheye indoor / outdoor	\$ 720.95	150	\$ 108,142.50
AXIS	M5525-E	10x PTZ, indoor	\$ 848.33	100	\$ 84,833.00
AXIS	F1035-E	ATM Fisheye, indoor / outdoor	\$ 228.44	100	\$ 22,844.00
AXIS	P1245	ATM Fisheye, indoor / outdoor	\$ 287.80	150	\$ 43,170.00
AXIS	P3717-PLE	Quad Sensor with 360 IR - 1080P model, indoor / outdoor	\$ 1,146.03	200	\$ 229,206.00
AXIS	P3719-PLE	AXIS P3719-PLE Quad Sensor in 2K, indoor / outdoor	\$ 1,371.55	100	\$ 137,155.00
AXIS	P3807-PVE	Multi Sensor Seamless, indoor / outdoor	\$ 1,157.11	100	\$ 115,711.00
AXIS	Q6010-E	Quad Sensor, Capable of MK II PTZ attachment, indoor / outdoor	\$ 1,351.25	100	\$ 135,125.00
AXIS	Q3708-PVE	180 Triple Sensor, indoor / outdoor	\$ 1,345.76	100	\$ 134,576.00
AXIS	Q6155-E	32x PTZ, indoor / outdoor	\$ 2,546.68	100	\$ 254,668.00
AXIS	Q1615-E MK II	Rugged Fixed / 1080p, indoor / outdoor	\$ 1,103.58	150	\$ 165,537.00
AXIS	P9106-V	Corner Mount, indoor	\$ 556.68	100	\$ 55,668.00
AXIS	P3935-LR	Fixed Mini Dome, indoor and vehicle mountable	\$ 499.44	100	\$ 49,944.00



**075-20 - REPAIR AND INSTALLATION OF VIDEO SURVEILLANCE SYSTEMS  
APPENDIX B BID FORM**

AXIS	P14448-LE	4K Fixed Camera	\$ 805.87	100	\$ 80,587.00
AXIS	Q3515-LV	Fixed Dome	\$ 720.95	100	\$ 72,095.00
AXIS	Q1942-E	Thermal Network Camera, fixed	\$ 4,230.00	100	\$ 423,000.00
AXIS	Q6215-LE	Duel 30x PTZ and IR camera	\$ 2,966.88	25	\$ 74,172.00
AXIS	A8105-E	Network video Door station, intercom, camera	\$ 678.50	50	\$ 33,925.00
AXIS	A8004-VE	Network video Door station, intercom, camera	\$ 1,060.62	50	\$ 53,031.00
AXIS	A8207-VE MkII	Network Video Door station , intercom, camera, reader	\$ 1,188.00	50	\$ 59,400.00
AXIS	01208-001	2N SIP Microphone	\$ 942.67	50	\$ 47,133.50
AXIS	C1004-E	Network Cabinet Speaker	\$ 466.20	50	\$ 23,310.00
AXIS	C1310-E	Network Horn Speaker	\$ 423.75	50	\$ 21,187.50
AXIS	C1410	Network Mini Speaker	\$ 253.91	50	\$ 12,695.50
AXIS	C2005	Network Ceiling Speaker	\$ 338.83	50	\$ 16,941.50
AXIS	C8210	Network Audio Amplifier	\$ 338.83	50	\$ 16,941.50
AXIS	F8134	Single Port 60 Watt Midspan	\$ 126.59	150	\$ 18,988.50
AXIS	F34 MAIN UNIT	4 Port ATM Style Camera Main Unit	\$ 341.93	50	\$ 17,096.50
AXIS	0333-608	Perimeter Defense E-License	\$ 256.47	50	\$ 12,823.50
AXIS	01147-071	Tailgating Detector E-License	\$ 367.98	50	\$ 18,399.00
AXIS	01147-081	Direction Detector E-License	\$ 367.98	50	\$ 18,399.00
AXIS	01147-091	Random Selector E-License	\$ 367.98	50	\$ 18,399.00
AMERICAN DYNAMICS	SSA - ADVS1SSA	Annual SSA Renewal	\$ 122.68	5	\$ 613.40
AMERICAN DYNAMICS	LICENSE -ADVC-VCRECSURV	Victor Client Professional License	\$ 215.74	25	\$ 5,393.50
AMERICAN DYNAMICS	LICENSE -ADVEC01	VideoEdge IP License	\$ 188.33	400	\$ 75,332.00
LAN POWER	LP-2590	90 Watt Single Port PoE Injector	\$ 112.80	200	\$ 22,560.00
LAN POWER	LP-2535	35 Watt Single Port PoE Injector	\$ 50.39	200	\$ 10,078.00
APC	SMT750RM2UNC	Rack Mount 750 Watt UPS - Nema 5-15 w/ Network Management Card and temperature probe	\$ 1,018.02	70	\$ 71,261.40
APC	SMT1500RM2UNC	Rack Mount 1500 Watt UPS - Nema 5-15 w/ Network Management Card and temperature probe	\$ 1,371.44	15	\$ 20,571.60
APC	SMT750	UPS 750 Watt - Nema 5-15 w/ Network Management Card and Temp Probe	\$ 392.24	70	\$ 27,456.80
APC	SMT1500NC	UPS 1500 Watt - Nema 5-15 w/ Network Management Card and Temp Probe	\$ 1,179.44	15	\$ 17,691.60
APC	AP9631	Network Management Card 2 w/ Environmental Monitoring	\$ 534.86	70	\$ 37,440.20
APC	AP9641	Network Management Card 3 w/ Environmental Monitoring	\$ 519.44	70	\$ 36,360.80
APC	APCRBC123	Replacement Batteries for SMT750RM2UNC	\$ 67.20	100	\$ 6,720.00
APC	APCRBC133	Replacement Batteries for SMT1500RM2UNC	\$ 260.57	25	\$ 6,514.25
APC	RBC48	Replacement Batteries for SMT750	\$ 117.95	100	\$ 11,795.00
APC	RBC7	Replacement Batteries for SMT1500NC	\$ 194.75	25	\$ 4,868.75
DDB Unlimited	SOD-302420	CCTV Enclosure	\$ 1,240.00	125	\$ 155,000.00
DDB Unlimited	F25-115T	110 Volt Dual Fan Kit w/ Thermostat	\$ 172.80	125	\$ 21,600.00
DDB Unlimited	JZ-SQUARE-P	Populated 4 Square Outlet	\$ 52.50	125	\$ 6,562.50
DDB Unlimited	CF-4-PSOD	Wall / Pole Mounting Brackets	\$ 245.70	125	\$ 30,712.50
DDB Unlimited	DB-175L11	Combination Locks	\$ 40.50	125	\$ 5,062.50
MEAN WELL	SDR-480-48	48 Volt Industrial Power Supply	\$ 423.00	75	\$ 31,725.00
MEAN WELL	SDR-240-48	48 Volt Industrial Power Supply	\$ 384.75	150	\$ 57,712.50
Panduit	DP24088TGY	24 Port Punchdown Patch Panel	\$ 273.75	150	\$ 41,062.50
UBIQUITI	NS-5AC	Nano Station 5Gz Wireless Bridge	\$ 130.84	30	\$ 3,925.20
Cisco	IP-2800K-16le-gp	16 port industrial PoE network switch	\$ 2,717.29	75	\$ 203,796.75

**075-20 - REPAIR AND INSTALLATION OF VIDEO SURVEILLANCE SYSTEMS**

**APPENDIX B BID FORM**

**MATERIAL SUBTOTAL: \$ 7,199,606.05**

**OTHER MATERIAL MARKUP PERCENTAGE (NOT TO EXCEED 25%):**

\$ 200,000.00	25%	\$ 250,000.00
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**GRAND TOTAL -TRANSFER TO BID FORM ITEM No. 2 Materials (SECTION #2): \$ 7,449,606.05**

Repair and installation of Video Surveillance Systems - Contract Budget Plan

Project Number	Description
	JAXPORT
	JTA
	JSO/COJ
8006696	Facilities Security - Electric
8006563	Facilities Security - Water
8006472	Facilities Security - DES
8006809	SOCC Security Hardening
8006810	Buckman Security Hardening
	HQ1
	HQ2
	Southside Service Center
	Commonwealth Service Center
	Southwest WRF
	Greenland WRF
	JUTC
	Other Water Projects
	Other Electric Projects
Unknown	Security Stand Alone Projects
HE31000	Annual Maintenance

Combined Est. Totals:

JEA Est. Totals:

Estimated Combined Budget:

Estimated JEA Portion:

Estimated Other Agencies:

FY21	FY22	FY23	FY24	FY25	
\$140,000.00	\$140,000.00	\$140,000.00	\$140,000.00	\$140,000.00	
\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	
\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	
\$295,000.00	\$315,000.00	\$315,000.00	\$315,000.00	\$315,000.00	\$1,555,000.00
\$450,000.00	\$350,000.00	\$355,000.00	\$300,000.00	\$300,000.00	\$1,755,000.00
\$80,000.00	\$80,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$220,000.00
\$50,000.00					
\$50,000.00					
\$150,000.00	\$350,000.00				
	\$200,000.00	\$200,000.00			
\$75,000.00					
	\$150,000.00				
	\$20,000.00	\$80,000.00			
	\$20,000.00	\$80,000.00			
	\$120,000.00				
	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	
\$75,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	
	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	
\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	
\$1,615,000.00	\$2,245,000.00	\$1,690,000.00	\$1,275,000.00	\$1,275,000.00	
\$1,275,000.00	\$1,905,000.00	\$1,350,000.00	\$935,000.00	\$935,000.00	
	\$8,100,000.00				
	\$6,400,000.00				
	\$1,700,000.00				

Board of Directors Meeting - R2021-01-01 Engineering and Construction Update

KEY CAPITAL PROJECTS

No.	Contract Number	Project Description	Vendor	Scope	Original Contract Amt. (\$)	Approved Change Orders To Date	Total Contract as Amended	Payments to Date	Work Remaining To Invoice	Proposed Change Orders (PCO's)	Remarks
1	AE-1436D	Rehabilitate Berths 33 & 34	HDR Eng., Inc.	Engineering Services During Construction BIMT Wharf Reconstruction Phase II	\$1,813,479	\$26,200 Last CO #01 6/5/19	\$1,839,679	\$1,708,715	\$130,964	\$0	HDR awarded contract for Services During Construction. HDR is performing on-site daily observation including reports. Their services are critical in answering RFI's to keep the contractor working expeditiously.
	C-1436C		Manson Construction	BIMT Wharf Rehabilitation Phase II	\$51,021,172	\$212,640 Last CO #04 10/16/20	\$51,233,812	\$34,053,485	\$17,180,327	(\$29,344)	Manson Construction Co was awarded the construction contract to build Phase 2A and 2B on BIMT wharf. Construction NTP was issued on December 3, 2018. Contract completion date is February 1, 2021. Contractor is behind schedule but making every effort to improve the schedule. Substantial completion of Phase 2A was scheduled for Friday December 4. The berth has been released to JAXPORT for operations. The first pile in Phase 2B was driven on December 1. The entire length of Phase 2B has been turned over to Manson for construction. Demolition of the first 150' of Phase 2B has started.
2	AE-1658	Upland Dredge Material Management Design & Construction	HDR Engineering	Engineering Design & Services During Construction for Toe Dike at Buck Island	\$340,055	\$58,967 Last CO #04 11/27/20	\$399,022	\$295,621	\$103,401	\$0	HDR completed the design documents and will be performing administrative services during construction which includes reviewing submittals, rfi's, change order requests, and monthly inspections.
	C-1737		Brance Diversified Inc.	Upland DMMA Construction Phase 1 - Buck Island	\$3,897,200	\$0	\$3,897,200	\$567,356	\$3,329,844	\$0	Brance Diversified received a Notice to Proceed on November 24, 2020. Contract duration is 450 calendar days. Brance Diversified has completed the gopher tortoise survey and is mobilizing to start work.
	AE-1737A		C&ES	Engineering & Inspection Services for Buck Island DMMA	\$116,032	\$0	\$116,032	\$0	\$116,032	\$0	C & ES is performing on-site inspection services as needed to confirm that testing and construction procedures are in accordance with plans and specifications.
3	AE-1728	Westrock Property Improvements	Tetra Tech, Inc	Westrock Property Concept & Design	\$262,600	\$0	\$262,600	\$0	\$262,600	\$0	Tetra Tech has been awarded the design contract to evaluate and design a phased approach to improving the Westrock property for tenant operations.
4	EQ-1739	Paceco Crane Demo	Global Rigging & Transport	Paceco Crane Disposal at BIMT	\$713,000	\$0	\$713,000	\$365,000	\$348,000	\$0	Global Rigging has completed the demolition and removal of the Paceco Crane. They are on schedule to demo and remove the Clyde crane by January 29.
5	C-1681	Rehabilitate Railroad Trestle	Intron Technologies	Railroad Trestle Repairs	\$340,699	\$418,801 Last CO 12/1/2020	\$759,500	\$395,546	\$363,954	\$0	Intron Technologies was issued a change order to add additional cubic footage to the contract. They have completed approximately 50% of underdeck repairs and started repairs on the expansion joints on the top of the bridge.

Board of Directors Meeting - R2021-01-01 Engineering and Construction Update

	C-1671	August Drive Sheet Pile Wall Replacement	Poseidon Dredge & Marine, Inc.	August Drive Sheet Pile Wall Replacement				\$0	\$2,276,305	\$0	Poseidon Dredge & Marine, Inc has been awarded the contract to replace the sheetpile walls at the August Drive Bridge. The sheet pile have been ordered and should be delivered by the first week in February. The sheet pile will be coated and ready to install by the first of March.
7	AE-1611A	Pile Cap & Beam Rehab - TMT	HDR Engineering, Inc.	Design Services for Pile Jacket Program	\$141,569	\$0	\$141,569	\$122,107	\$19,462	\$0	HDR Engineering provided design services and is providing Services During Construction for the pile jacket repair project at Berth 4 at TMT.
	C-1611		Underwater Mechanix, Inc	TMT Pile Jacket Repair - Berth 4	\$630,299		\$630,299	\$0	\$630,299	\$0	Underwater Mechnix, Inc. was awarded the contract to provide pile jacket repairs at TMT Berth 4. Materials have been submitted and approved and the first pile jackets will be installed this week.

## **Financial Highlights**

### **December 2020**

#### **INCOME STATEMENT**

December results produced stable revenues. Nearly all Cargo categories were over budget but down slightly from same month last year except for Liquid Bulk which, at \$130 thousand was a 42% improvement over prior year. We reported no Cruise revenue for the month. Container TEU's were actually up 15% over prior year while Auto units at 62,010 were off last year's results by 3%. Also aiding Revenue was "Other" which consisted of dockage fees charged for ships using our berths while being repaired.

Expenses continue in line with budget and below same period last year. We experienced virtually no maintenance dredging at our berths in December resulting in a savings against budget of \$457 thousand. In January we will dredge the Talleyrand terminals and expect to remove 60-80 thousand cubic yards so our underage in this expense category will be short lived.

Of note, Shared Revenue from the City received in the month was \$821,490, \$22 thousand over budget. One of the components of this revenue is a tax on video streaming. As COVID has created increased use of video streaming, we are anxious to understand the expected ongoing contribution from this source. Mike McClung and I are meeting with the Chief Economist at the Office of Tax Research at the State of Florida to give us insight on this matter.

For the month, we reported \$1,548,680 for Net Income Before Depreciation. This is ahead of prior period last year by \$354 thousand, largely attributable to the fact we had almost zero maintenance dredging this month.

#### **BALANCE SHEET**

The Balance Sheet is stable. We reported Cash Balances of \$16 million. Our Line of Credit was reduced by \$4.2 million. This was realized once the City of Jacksonville made its expected December payment of \$4.2 million bringing the City's total contribution to Harbor Deepening to \$39.2 million.

#### **YEAR-TO-DATE**

Revenues have stabilized to nearly pre-COVID levels with the exception of Cruise. We still have no information from Carnival on expected sailing dates for JAXPORT's homeported ship. Total Revenues at \$15,860,960 are ahead of plan by \$1.5 million and short of the same period last year by just \$905 thousand. Expenses are below budget and same period last year.

In the Non-Operating Income category, Shared Revenue from the City at \$2,481,399, is \$84 thousand ahead of plan (due to the video streaming tax mentioned above) and \$1.9 million ahead of same period last year. This favorable variance was expected as debt issued on our behalf by the City matured at the end of 2020 fiscal year. As a result, JAXPORT now receives the full amount of its share of the Interlocal Revenue.

#### **CONCERNS**

No new concerns, but we continue to watch for "blank" sailings and any change in shipping schedules that could materially impact revenue.

# VITAL STATISTICS

## DECEMBER FY2021 - Cargo Performance

### CARGO INDICATORS

	Current Month			VARIANCE		YEAR-TO- DATE			VARIANCE	
	Actual	Budget	Prior	Budget	Prior	Actual	Budget	Prior	Budget	Prior
Vessel Calls	128	124	140	4%	-9%	387	371	421	4%	-8%
<b>Total Tons</b>	<b>842,550</b>	<b>796,421</b>	<b>864,192</b>	6%	-3%	<b>2,600,213</b>	<b>2,389,263</b>	<b>2,628,859</b>	9%	-1%
<b>Total Revenue</b>	<b>\$4,981,327</b>	<b>\$4,774,587</b>	<b>\$5,763,565</b>	4%	-14%	<b>\$15,860,960</b>	<b>\$14,323,761</b>	<b>\$16,765,722</b>	11%	-5%

### OPERATING REVENUE / STATISTICS

	Current Month			VARIANCE		YEAR-TO- DATE			VARIANCE	
	Actual	Budget	Prior	Budget	Prior	Actual	Budget	Prior	Budget	Prior
Container Revenue	\$2,689,375	\$2,588,698	\$2,724,485	4%	-1%	\$8,110,027	\$7,766,094	\$8,489,936	4%	-4%
Container TEU's	115,951	105,423	100,901	10%	15%	353,367	316,269	335,239	12%	5%
ICTF Rail Lifts	1,203	1,500	1,301	-20%	-8%	3,865	4,500	3,525	-14%	10%
Auto Revenue	\$1,324,726	\$1,248,788	\$1,573,172	6%	-16%	\$4,005,441	\$3,746,364	\$4,398,969	7%	-9%
Auto Units	62,010	49,063	63,802	26%	-3%	184,258	147,189	171,093	25%	8%
Military Revenue	\$14,840	\$105,834	\$43,042	-86%	-66%	\$292,639	\$317,502	\$362,031	-8%	-19%
Military Units	-	356	243	-100%	-100%	1,255	1,068	1,773	17%	-29%
Breakbulk Revenue	\$332,810	\$341,094	\$479,552	-2%	-31%	\$1,032,077	\$1,023,282	\$1,024,869	1%	1%
Breakbulk Tons	60,985	65,484	94,953	-7%	-36%	180,694	196,453	208,290	-8%	-13%
Liquid Bulk Revenue	\$130,963	\$109,386	\$92,097	20%	42%	\$360,860	\$328,158	\$335,754	10%	7%
Liquid Bulk Tons	42,797	24,125	31,080	77%	38%	111,821	72,374	96,005	55%	16%
Dry Bulk Revenue	\$153,502	\$168,247	\$181,909	-9%	-16%	\$484,415	\$504,741	\$475,312	-4%	2%
Dry Bulk Tons	47,908	66,819	73,462	-28%	-35%	179,617	200,456	168,609	-10%	7%
Cruise Revenue	\$0	\$0	\$454,116	0%	-100%	\$0	\$0	\$1,017,993	-	-100%
Cruise Passengers	-	-	17,472	0%	-100%	-	-	40,466	-	-100%
<b>Total Cargo Revenue</b>	<b>\$4,631,376</b>	<b>\$4,456,213</b>	<b>\$5,505,331</b>	4%	-16%	<b>\$14,285,459</b>	<b>\$13,686,141</b>	<b>\$16,104,864</b>	4%	-11%
<b>Other Revenue</b>	<b>\$335,111</b>	<b>\$212,540</b>	<b>\$215,192</b>	58%	56%	<b>\$1,575,501</b>	<b>\$637,620</b>	<b>\$660,858</b>	147%	138%



**Jacksonville Port Authority**  
**Comparative Income Statement (Unaudited)**  
**For the 3 months ending 12/31/2020**

	Current Month Actual	Current Month Budget	Budget Variance	Prior Year Month Actual	Current YTD Actual	Current YTD Budget	Budget Variance	Prior Year YTD Actual
<b>OPERATING REVENUES</b>								
CONTAINERS	2,689,375	2,588,698	100,677	2,724,485	8,110,027	7,766,094	343,933	8,489,936
AUTOS	1,324,726	1,248,788	75,938	1,573,172	4,005,441	3,746,364	259,077	4,398,969
MILITARY	14,840	105,834	(90,994)	43,042	292,639	317,502	(24,863)	362,031
BREAK BULK	332,810	341,094	(8,284)	479,552	1,032,077	1,023,282	8,795	1,024,869
LIQUID BULK	130,963	109,386	21,577	92,097	360,860	328,158	32,702	335,754
DRY BULK	153,502	168,247	(14,745)	181,909	484,415	504,741	(20,326)	475,312
CRUISE	-	-	-	454,116	-	-	-	1,017,993
OTHER OPERATING REVENUE	335,111	212,540	122,571	215,192	1,575,501	637,620	937,881	660,858
<b>TOTAL OPERATING REVENUES</b>	<b>4,981,327</b>	<b>4,774,587</b>	<b>206,740</b>	<b>5,763,565</b>	<b>15,860,960</b>	<b>14,323,761</b>	<b>1,537,199</b>	<b>16,765,722</b>
<b>OPERATING EXPENSES</b>								
SALARIES & BENEFITS	1,496,186	1,533,371	(37,185)	1,476,972	4,363,406	4,460,957	(97,551)	4,385,094
SERVICES & SUPPLIES	307,395	340,895	(33,500)	454,176	918,196	1,022,685	(104,489)	1,124,627
SECURITY SERVICES	418,356	417,445	911	456,250	1,166,157	1,252,335	(86,178)	1,294,449
BUSINESS TRAVEL AND TRAINING	17,699	36,927	(19,228)	53,448	44,445	110,781	(66,336)	182,270
PROMO,ADV,DUES & MEMBERSHIPS	39,378	52,659	(13,281)	62,117	108,960	157,977	(49,017)	236,621
UTILITY SERVICES	55,366	66,989	(11,623)	72,775	167,029	200,967	(33,938)	205,993
REPAIRS & MAINTENANCE	158,471	151,017	7,454	186,575	358,925	453,051	(94,126)	533,058
CRANE MAINTENANCE PASS THRU	(24,676)	(37,500)	12,824	(28,943)	(80,556)	(112,500)	31,944	(80,421)
BERTH MAINTENANCE DREDGING	858	458,312	(457,454)	137,749	704,319	1,374,936	(670,617)	2,258,546
MISCELLANEOUS	15,384	19,541	(4,157)	13,514	43,602	58,623	(15,021)	52,525
<b>TOTAL OPERATING EXPENSES</b>	<b>2,484,416</b>	<b>3,039,656</b>	<b>(555,240)</b>	<b>2,884,633</b>	<b>7,794,481</b>	<b>8,979,812</b>	<b>(1,185,331)</b>	<b>10,192,761</b>
<b>OPERATING INC BEFORE DS AND DEPR</b>	<b>2,496,911</b>	<b>1,734,931</b>	<b>761,980</b>	<b>2,878,932</b>	<b>8,066,480</b>	<b>5,343,949</b>	<b>2,722,531</b>	<b>6,572,961</b>
<b>NON OPERATING INCOME</b>								
INVESTMENT INCOME	584	12,194	(11,610)	28,134	2,549	36,582	(34,033)	97,424
SHARED REVENUE FROM CITY	821,490	799,026	22,464	199,562	2,481,399	2,397,078	84,321	504,828
<b>TOTAL NON OPERATING ITEMS</b>	<b>822,074</b>	<b>811,220</b>	<b>10,854</b>	<b>227,696</b>	<b>2,483,949</b>	<b>2,433,660</b>	<b>50,289</b>	<b>602,252</b>
<b>NON OPERATING EXPENSE</b>								
DEBT SERVICE	1,770,334	1,908,117	(137,783)	1,727,272	5,395,538	5,724,531	(328,993)	5,170,509
CONTRIBUTIONS TO TENANTS	-	-	-	184,380	-	-	-	439,969
CRANE RELOCATION	-	-	-	-	365,000	-	365,000	-
OTHER NON OP EXPENSE	(30)	678	(708)	(2)	1,935	2,034	(99)	3,357
<b>TOTAL NON OPERATING EXPENSE</b>	<b>1,770,304</b>	<b>1,908,795</b>	<b>(138,491)</b>	<b>1,911,650</b>	<b>5,762,473</b>	<b>5,726,565</b>	<b>35,908</b>	<b>5,613,835</b>
<b>INCOME BEFORE DEPRECIATION</b>	<b>1,548,680</b>	<b>637,356</b>	<b>911,324</b>	<b>1,194,978</b>	<b>4,787,955</b>	<b>2,051,044</b>	<b>2,736,911</b>	<b>1,561,378</b>

**Jacksonville Port Authority**  
**Balance Sheet (in thousands)**  
**At December 31, 2020**

	<b>December 31, 2020</b>	<b>November 30, 2020</b>	<b>September 30, 2020</b>
<b>Current Assets</b>			
Cash & cash equivalents	16,057	19,003	16,788
Restricted cash & cash equivalents	2,286	7	7,867
Accounts receivable, net	7,191	6,953	6,056
Notes and other receivables	1,811	1,129	1,138
Grants receivable	7,862	7,724	9,243
Inventories and other assets	1,850	1,693	1,667
<b>Total Current Assets</b>	<b>37,057</b>	<b>36,509</b>	<b>42,759</b>
<b>Noncurrent Assets</b>			
Restricted cash & cash equivalents	16,072	16,077	16,087
Restricted Cash for Cap Projects	3,457	3,457	3,457
Grants receivable - noncurrent	11,973	11,973	11,973
Deferred outflow of resources	11,117	11,163	11,208
Capital Assets, net	845,582	845,401	849,045
<b>Total Noncurrent Assets</b>	<b>888,201</b>	<b>888,071</b>	<b>891,770</b>
<b>Total Assets</b>	<b>925,258</b>	<b>924,580</b>	<b>934,529</b>
<b>Current liabilities</b>			
Accounts payable	1,126	1,430	1,755
Construction accounts payable	930	347	3,293
Accrued expenses	523	346	895
Accrued interest payable	2,523	1,262	3,365
Retainage payable	803	803	803
Unearned Revenue	7,401	7,401	7,401
Bonds and Notes Payable	7,163	7,163	7,163
<b>Total Current Liabilities</b>	<b>20,469</b>	<b>18,752</b>	<b>24,675</b>
<b>Noncurrent liabilities</b>			
Unearned Revenue	127,522	128,022	129,022
Accrued Expenses	3,406	3,406	3,406
Line of credit	17,208	21,369	19,346
Bonds and notes payable	215,463	215,495	222,152
Short Term Borrowings	37,700	37,700	37,700
Other Obligations	8,537	8,537	8,537
Net Pension Liability	15,877	15,877	15,877
Deferred inflow of resources	1,697	1,697	1,697
<b>Total Non Current Liabilities</b>	<b>427,410</b>	<b>432,103</b>	<b>437,737</b>
<b>Total Liabilities</b>	<b>447,879</b>	<b>450,855</b>	<b>462,412</b>
<b>Net Position</b>	<b>477,379</b>	<b>473,725</b>	<b>472,117</b>



# COMMERCIAL

# REPORT

**JAXPORT BOARD MEETING**

January 2021

# COMMERCIAL OVERVIEW

## ITEMS OF INTEREST

- **State of the Port**, virtual (Feb. 23)
- **JU River Education Partnership**
- **Status of cargo industry:**
  - **Containers**
  - **Vehicles**
  - **Breakbulk**



# COMMERCIAL OVERVIEW

## NEW BUSINESS EXAMPLES

### BUSINESS

PROJECT PEBBLES

PROJECT WAGON WHEEL

PROJECT CAPE

1A AUTO (*PROJECT SAUCER*)

PROJECT BENCHMARK

### ANNUAL REVENUE

\$125,000

\$125,000

\$90,000

\$45,000

\$10,000 to start...

# COMMERCIAL OVERVIEW

## KEY OPPORTUNITIES IN PIPELINE

*TOTAL OPEN OPPORTUNITIES: \$12.8 MILLION in Pipeline*

<b>PROJECT</b>	<b>PROJECTED ANNUAL REVENUE</b>
<b>MISC. OCEAN CARRIERS</b>	<b>\$230,000 - \$1.2 MILLION</b>
<b>PROJECT SLEET</b>	<b>\$128,000</b>
<b>PROJECT TIERRA</b>	<b>\$100,000</b>
<b>PROJECT GATOR</b>	<b>\$22,000</b>



# COMMERCIAL

# REPORT

**JAXPORT BOARD MEETING**

January 2021





**Item No. 5**

**AC2021-01-19-05**

Repair and Installation of Access Control Systems

JPA Project G/L No.: Various

JPA Contract No.: 074-20 Multi-Agency

G4S Secure Integration, LLC

\$N/A (Master Agreement)

A motion was made and seconded. The Awards Committee voted unanimously to award this contract.

**Item No. 6**

**AC2021-01-19-06**

Purchase of One (1) Active Front End for TMT

JPA Project G/L No.: 003.2050.CIPPARTS

JPA Contract No.: EQ-1697C

Nidec Industrial Solutions

\$62,917

A motion was made and seconded. The Awards Committee voted unanimously to award this contract.

**Item No. 7**

**AC2021-01-19-07**

Purchase of Seven (7) New Fleet Vehicles for JAXPORT

JPA Project G/L No.: 003.2030.172/178/183

JPA Contract No.: VEH-1729H

Bozard Lincoln Ford

\$228,232

A motion was made and seconded. The Awards Committee voted unanimously to award this contract.

(Item No. 1 & 2 Requires Board Approval)

*The meeting was adjourned at 3:40 PM*