

Tampa-Hillsborough County Expressway Authority

Board Meeting Packet

September 21, 2021



1104 E. Twiggs St.
Tampa FL 33602

**Meeting of the Board of Directors
September 21, 2020 - 1:30 p.m.**

Due to the COVID-19, this meeting of the Tampa Hillsborough Expressway Authority (THEA) Board of Directors is a virtual meeting.

If any person wishes to address the Board, please email Sue@Tampa-Xway.com. If you wish to present, presentations must be limited to three (3) minutes and sent to the above email address by 4:00 p.m., September 16, 2020.

Any person who decides to appeal any decisions of the Authority with respect to any matter considered at its meeting or public hearing will need a record of the proceedings and, for such purpose, may need to hire a court reporter to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which an appeal is to be based.

I. Call to Order

II. Public Input Presentations

III. Consent Agenda

A. Approval of Minutes of the August 24, 2020 Board of Directors Meeting

B. Approval for travel request form for Board Members to attend TEAMFL November 5th and 6th

**C. SWE Tolling Equipment- CDW-G- \$160,000 (CPMP HI-0001-C-58) -
*Attachment***

IV. Discussion/Action Items

A. Series 2020A Revenue Bonds and Series 2020B Refunding Revenue Bonds

- a. Results of Bond Efforts – Amy Lettelleir
- b. Discussion of Bond Initiative – Joe Waggoner

B. Planning Committee – Shaun Oxtal, Chairman

1. Gandy Park Improvements- Design - Attachment - Bob Frey, Staff

- Purpose:** With the construction of the Selmon West Extension and the use of the existing City of Tampa park at the east end of the Gandy Bridge for construction staging, THEA has committed to restoring the park to an improved state that will exceed its former condition prior to construction. The commitment includes a pedestrian underpass that will connect the north and south sides of the trail located at the park. This item consists of one task work order being authorized under the Miscellaneous Planning & Design Contract.
- Funding:** Not to Exceed \$200,000 Capital Budget
- Action:** Approval of THEA selection of Calvin Giordano & Associates, Inc. from the THEA Miscellaneous Parks & Trails shortlist and authorization for the Executive Director to execute a Task Work Order, in an amount not to exceed \$200,000 for the design of the Gandy Park Improvements. Final contract is subject to review and approval of THEA General Counsel.

2. Selmon East Slip Ramps- Fiscal Year Funding Shift - Attachment - Bob Frey, Staff

- Purpose:** Based on the analysis from the Selmon East PD&E process, THEA has identified operational improvements to the Selmon Expressway east of downtown prior to completing PD&E study that will allow THEA to utilize the existing capacity on the REL. These improvements include constructing slip ramps between the REL and general use lanes at I-4 and just west of I-75 at the I-4 Connector. The improvements will allow Selmon drivers to use the existing capacity on the REL and still access the Selmon Expressway west of Downtown, helping alleviate cut through trips in the Downtown. The design and construction phases for these improvements are currently programmed for Fiscal Years 23 and 24. THEA can now move the design and construction phase to FY21 and FY22, with procurement scheduled for Spring 2021.
- Funding:** \$145,000 from Capital Budget
- Action:** Approval of a change order to Kimley Horn & Associates contract for the Selmon East PD&E to provide additional services for the Selmon East Slip Ramps, which is part of the Selmon East PD&E study area, for an amount not to exceed a total of \$145,000 for the following tasks:

- Type 1 Categorical Exclusion (PD&E) Documentation - \$50,000
- Interchange Operational Analysis Report - \$50,000
- Potential Supplemental Survey - \$45,000

Final contract is subject to review and approval of THEA General Counsel.

C. Operations & Maintenance Committee – Bennett Barrow, Chairman

1. Selmon East Slip Ramp Design Build RFP and CEI Procurement Support - Attachment – Brian Pickard, Staff

Purpose: To utilize GEC (HNTB) to undertake soils investigation, develop the Design/Build RFP, assist in contractor selection, and provide CEI Procurement Support to allow execution of the Selmon East Slip Ramp Design/Build project and CEI before the end of the fiscal year.

Funding: Capital Budget - \$430,000

Action: Requests the Board to authorize the Executive Director to sign a Task Order with HNTB for soils investigation, development of the Design Build RFP, contractor selection assistance, and CEI Procurement for the Selmon East Slip Ramps in the amount of \$430,000.

2. Selmon East Slip Ramp Drainage Structure Investigation and Analysis - Attachment – Brian Pickard, Staff

Authorize signature of a contract with Envirowaste Services Group, Inc to provide storm sewer structures and pipe video inspection and recommendations for the Selmon East Slip Ramp Project in preparation of the RFP development. Envirowaste Services Group, Inc was selected. This is using a contract procured by FDOT.

Funding: Capital Budget - \$250,000

Action: Requests the Board to authorize the Executive Director to sign a contract with Envirowaste Services Group, Inc utilizing established rates for storm sewer structures and pipe video inspection and recommendations in preparation of Design Build RFP for the Selmon East Slip Ramps not to exceed \$250,000.

3. THEA Headquarters Renovations and TMC A/C Upgrades- Attachment -
Brian Pickard, Staff

Purpose: To provide selective demolition and interior reconfiguration of non-loadbearing partition walls, door changes, upgraded audio visual, lighting, security, and data network, mechanical, electrical, plumbing and fire protection modifications, HVAC rooftop equipment replacement and new casework as well as a comprehensive update to floor, wall, ceiling and elevator finishes throughout the building.

VENDOR	PURPOSE	NOT TO EXCEED AMOUNT
Trias Construction	Building Rehab	\$2,220,000
Interior Fusion	Furniture	\$174,000
Infotect	Low Voltage Data Wiring	\$36,000
Audio Visual Innovations	A/V Upgrades	\$133,000
Unicom Government Services	Security Upgrades Cooperative Purchasing Agreement	\$130,000
	TOTAL	\$2,693,000

Funding: Capital Budget - \$ 2,693,000

Action: Board approval to authorize THEA staff to negotiate and execute needed task orders and/or contracts with vendors listed above for the rehabilitation of the THEA headquarters. Final contract and task orders are subject to review and approval of THEA General Counsel.

4. Meridian Improvements at Twiggs CEI Contract - Attachment – Brian
Pickard, Staff

Purpose: Authorize signature of the CEI contract with EXP to provide construction engineering and inspection services for the Meridian Improvement at Twiggs project. EXP was selected in accordance with THEA Procurement Services and the contract negotiations were finalized for an amount of \$386,000. The selection of EXP was approved by the Board on July 22, 2020.

Funding: Capital Budget - \$386,000

Action: Requests the Board to authorize the Executive Director to sign the Meridian Improvements at Twiggs CEI contract with EXP in the amount of \$386,000.

V. Staff Reports

- A. Operations & Maintenance – Brian Pickard
- B. Toll Operations – Rafael Hernandez
- C. Finance Update – Jeff Seward
- D. Public Affairs & Communications – Sue Chrzan

VI. Executive Reports

- A. Executive Director – Joe Waggoner
 - 1. Contract Renewal & Expiration report – *Attachment*
 - 2. Contract increases report on Continuing Contracts - *Attachment*
- B. General Counsel – Amy Lettelleir, Esq.
- C. Chairman
 - 1. Upcoming meetings
 - THEA Committees as a Whole – Monday October 12, 2020
 - THEA Board Meeting – Monday October 26, 2020

VII. Old Business

VIII. New Business

IX. Adjournment

III. A.
CONSENT AGENDA

Approval of Minutes of the August 24, 2020 Board Meeting

DRAFT

Tampa-Hillsborough County Expressway Authority
Minutes of August 24, 2020 Virtual Board Meeting
1104 E. Twiggs Street
Tampa, FL 33602

The Tampa-Hillsborough County Expressway Authority held a virtual public meeting at 1:31 p.m. on August 24, 2020 based in the Authority's Transportation Management Center, 1104 E. Twiggs Street, Tampa, Florida. The following were virtually present:

BOARD:

Vincent Cassidy, Chairman
Bennett Barrow, Vice Chairman
Danny Alvarez, Secretary
Mayor Jane Castor, Member
FDOT D-7 Secretary David Gwynn, Member
Commissioner Lesley "Les" Miller, Member
Shaun Oxtal, Member

STAFF:

Joe Waggoner, Amy Lettelleir, Robert Frey, Sue Chrzan, Rafael Hernandez, Brian Pickard, Max Artman, Julie Aure, Shari Callahan, Elizabeth Gray, Man Le, Chaketa Mister, Debbie Northington, Donna Obuchowski, Lisa Pessina, Anna Quinones, Brian Ramirez, Lilly Salas, Carl Shack, Judith Villegas

The following registered to attend the virtual meeting:

BALLARD PARTNERS	Todd Josko
BMO LAW	Duane Draper
BANK OF AMERICA	Jim Calpin
CALVIN, GIORDANIO & ASSOCIATES, INC.	Tammy Cook- Weedon
CDM SMITH	John Melendez
CFX	Michelle Maikisch
CITI GROUP	Kevin Demsey
CULTURE & TRADE, LLC	Michael Abadier
ELAP	Betsy Davis
GRAY ROBINSON, P.A.	Brian Fender
HDR	Steve Ferrell, Stefanie McQueen
HNTB CORP.	James Drapp, Al Stewart
J.P MORGAN	Nathaniel Johnson
JEFFERIES	Jamie Scranton
KIMLEY-HORN	Michael Garau
NELSON MULLINS	Joseph Stanton
PFM	Hope Scarpinato, Brent Wilder
PLAYBOOK PUBLIC RELATIONS	Sally Dee
RAYMOND JAMES	Rick Patterson
RBC CAPITAL MARKETS	Tom Carlson
RS&H, INC.	Michael Dixon

SAILTEAM.IO RECRUITING SERVICES
STANTEC
TEAMFL
WALSH GROUP
WGI

Brandon Kievit
Pamela Bailey- Campbell, Phil Eshelman
Brady Nepple
Brian Sparks
Kimberlee DeBosier

Registered to attend but have no company affiliation:

Chris Vela, Jeffrey Seward, Jimahl Terry, Michael Bryant, Michele, Ruben Revollar, Tamara Fernandez, Valerie Courson, Ziona, Timothy Smith

I. CALL TO ORDER

Chairman Vincent Cassidy called the meeting to order at 1:30 p.m.

II. PUBLIC INPUT PRESENTATIONS

There were no public input presentations.

III. CONSENT AGENDA

The Chairman then continued with the Consent Agenda approvals.

- A.** Approval of the Minutes of the July 22, 2020 Board Meeting
- B.** Policy 120.01, Executive Director/Authority Clerk, revised to update the job titles for the Authority's senior management positions.

The Chairman asked for a motion to approve. Mr. Bennett Barrow moved, and Mr. Danny Alvarez seconded the motion. There was no discussion. A roll call vote was taken, and all Board Members present approved the Consent Agenda items.

IV. DISCUSSION/ACTION ITEMS

A. Planning Committee

- 1. Extension of Connected Vehicle (CV) Pilot Deployment – Real World Test Site – Bob Frey**

Mr. Bob Frey provided a brief history on the CV Pilot which is scheduled to end on September 30, 2020. There are current discussions with USDOT on an extension. The first three phases of the Pilot included planning, design deployment, and operations and evaluation. Findings were brought back to the Board several months ago that showed Connected Vehicles as a technology has the potential to provide valuable safety information. As one of the only places in the country where an active test site is available, USDOT feels THEA is uniquely positioned to perform interference testing. Cellular, as well as direct short-range communication technology, will be used. The same partners and original equipment/auto manufacturers (Honda, Hyundai, and Toyota) will have direct participation. The purpose of this action item is to request the Board

approve Contract Amendment #7 with USDOT to extend federal funding of the CV Pilot Deployment program with a THEA funding match for a duration of 28 months in order to continue with active deployment, investigate the use of cellular technology (CV2X) and incorporate auto manufacturer production connected vehicles in the Pilot program. There is a federal commitment of \$4,266,568 with THEA allocating \$2,667,302 for a total of approximately \$7 million project. The previous six amendments were non-monetary changes and therefore did not require Board approval.

The Chairman asked for a motion to discuss. Mr. Danny Alvarez made the first motion to approve, seconded by Mr. Shaun Oxtal, to proceed with Contract Amendment #7 with USDOT to extend federal funding of the CV Pilot Deployment program with a THEA funding match as above for a duration of 28 months.

Mr. Shaun Oxtal then took a moment to recognize all the hard work that Mr. Frey, Mr. Joe Waggoner and all the others at the Authority are doing. Mr. Oxtal noted that by proceeding with this next phase keeps THEA at the forefront of moving this technology forward both nationally and internationally. He noted that they all have done a great job in implementing their vision. Mr. Danny Alvarez echoed the same sentiment and noted the reality of the matter is that this program puts THEA on a national scale.

There being no further discussion or questions, a roll call vote was made, and the motion carried.

B. Operations and Maintenance Committee

1. Construction Engineering Inspection (CEI) Services for the Meridian Pedestrian Lighting – Brian Pickard

Mr. Brian Pickard addressed the Board stating that the purpose of this project is to procure the services of a CEI Consultant to perform field engineering and testing for the Meridian Pedestrian Lighting Upgrade Project. Negotiations were conducted and finalized with the Consor Engineers consultant team selected previously (Board Meeting on August 26, 2019) for a push-button contract for Minor Design and CEI projects the amount of \$59,719. Contacts execution is subject to final review and approval of THEA General Council.

Commissioner Les Miller moved to approve, and Mr. Bennett Barrow seconded the motion for the Executive Director to execute a contract with Consor Engineering for \$59,719. There being no questions or discussion, the vote was called by roll call, and the motion carried.

2. Memorandum of Understanding between THEA and the Central Florida Expressway Authority (CFX) for the processing of E-ZPass Electronic Prepaid Toll Transactions – Rafael Hernandez

Mr. Rafael Hernandez presented this next project to approve the Memorandum of Understanding between THEA and The Central Florida Expressway Authority (CFX) for THEA to become interoperable with the E-ZPass group. He further explained this will also require some toll

system enhancements. The purpose of this project is to allow THEA to expand its services by enhancing its tolling interoperability functions by upgrading the in-lane tolling software and creating an electronic computer interface to exchange toll transactional data with CFX, for the financial clearing of E-ZPass prepaid electronic transactions. The E-ZPass Group is comprised of toll entities stretching across 17 states in the northeast of the United States and operates over 41 million E-ZPass devices currently in circulation. The funding for the project will be capital funds for a total of \$149,991 consisting of \$120,000 for TransCore to provide software engineering services on a lump sum basis and \$29,991 for Atkins to provide project management services on a time and material, not to exceed, basis.

The Chairman called for a motion to approve a) Authorizing the Executive Director to execute a Memorandum of Understanding with the Central Florida Expressway Authority (CFX) for the processing and clearing of E-ZPass electronic prepaid toll transactions. b) Authorize staff to issue a task order in the lump sum amount of \$120,000 for TransCore to design, develop, test and implement an upgrade on THEA's in-lane tolling systems and a new electronic computer interface for the exchange of toll transactional data with CFX. c) Authorize staff to issue a task order in the amount not to exceed \$29,991 for Atkins to provide project management support during the design, development, testing and implementation of the new in-lane system upgrade and the electronic computer interface with CFX. All final contracts involved are subject to review by THEA General Counsel.

Mr. Oxtal motioned to approve, seconded by Commissioner Miller.

Secretary David Gwynn questioned if this was something that you could obtain through the Turnpike or is this something separate.

Mr. Waggoner noted this is not a service currently available through the Turnpike. Mr. Waggoner continued to explain that this helps THEA in a number of ways. He noted that CFX is already a member of the interagency group which is the governing body of E-ZPass and FTE is moving in that direction, but they are not as far advanced as CFX is at this present time. It gives THEA another option to collect tolls directly by reading an E-ZPass in the area as opposed to what THEA does now, which is Toll-By-Plate, making it a more certain way to get those tolls collected in a more efficient manner.

There being no further questions or discussion; the vote was called by roll call, and the motion carried.

C. Chairman of the Board

1. Acceptance of the Board Member's Evaluations of the Executive Director and General Counsel

Chairman Cassidy thanked the Board Members for providing the annual evaluations of THEA's Executive Director and General Counsel. Chairman Cassidy explained the individual appraisals are attached to the packet. The appraisals have been accepted. Overall exceptional performance was noted.

In line with the above, the Chairman put forth a motion that this Board recognize the exceptional work and value that Ms. Amy Lettelleir has brought to the Authority. He noted just a few of the many things that have happened in the past several years in her role as Chief Financial Officer of THEA including leading the current bond offering, as well as the previous ones that have saved THEA millions of dollars. In addition, Ms. Lettelleir has accepted new duties as General Counsel and those duties will increase as well. Chairman is asking the Board to consider a one-time lump sum payment in the amount of \$50,000 to acknowledge the work she will be doing for the Authority going forward.

Commissioner Miller expressed his sincere appreciation of the motion as well as the exceptional work that Ms. Lettelleir has done and agrees that somewhere down the road the Board needs to put that into her compensation, but now is not the right time only due to the fact that the world is currently in the middle of a pandemic and feels this could send the wrong message at this particular time. He stated that he hopes that this Board, when this pandemic has eased, and we see ourselves in a position that we can do this that it then be carried forward. Commissioner Miller reiterated that Ms. Lettelleir is capable in every aspect as THEA's CFO and Attorney and fully supports this motion in the future. Mayor Castor agrees with Commissioner Miller's sentiments and noted Ms. Lettelleir's incredible job and has nothing but praises for her work and ability to move this organization forward and therefore agrees and stated she will carry Commissioner Miller's torch to make sure a future compensation package is warranted when the time is right. Mr. Barrow also expressed his appreciation noting Ms. Lettelleir has done an amazing job and has worn multiple hats and is well deserving. Mr. Barrow thanked Mayor Castor and Commissioner Miller for the public sector view and how this would be perceived and grateful for their pointed comments, concerns and leadership and agree we need to regroup at a later date and time given the economic realities. Secretary Gwynn also expressed his appreciation of Ms. Lettelleir but agrees he does not feel he can support the motion at this time. Mr. Oxtal withdraws his initial support of the motion, moving to revisit the topic to figure out the best way to proceed at a later date.

With no further discussion, the motion was withdrawn at this time and the THEA Board will gauge when times may be different. Please note this Board appreciates everything Ms. Lettelleir has done, and the intention is to reward her when the time is appropriate for her and the community.

The Chairman thanked the Board for their time to discuss this and for helping them better understand the economic and social climate in the community during these unprecedented times.

V. STAFF REPORTS

A. Operations & Maintenance – Brian Pickard

Mr. Pickard initiated his report with an overview of the progress made on the Selmon West Extension project. It was noted a lot of progress has been made on the decks on top of the steel girders in the area of the Dale Mabry interchange.

Chairman Cassidy noted his drive on Dale Mabry South and the entrance ramp to go south on extension appears to be easily accessible. What are we doing to ensure no unauthorized vehicles accidentally enter this roadway?

Mr. Pickard noted that Jersey barriers will be placed in order to prohibit all access. Currently they have barrels across the roadway to keep vehicles from entering but allowing workers access. Mr. Pickard will revisit to make sure all precautions are taken to avoid accidental unauthorized entry.

The hope is to have all segments complete on Gandy by the end of calendar year 2020. Just before the Gandy bridge, there is a commitment to build a park on both the north and south sides for the City in return for the use the City provided for Kiewit to store their equipment and materials. The intent is to have a walkway underneath the bridge that connects the two parks.

Chairman Cassidy questioned if a date has been released to the community for completion.

Mr. Pickard stated a date has not yet been released and explained there is a lot of work to be done once the segments are finished and explained in detail that there is approximately an additional three months of work to do after the segments are all in place. Mr. Pickard noted early April albeit that date may be a little optimistic dependent upon weather.

Mr. Barrow had a comment and noted while playing basketball at the YMCA outdoor courts and noted it looked like a lot of equipment on the northbound lane off of Himes and questioned if it may be feasible to place a silk fence to cover the chain-link fence to make it less visible to children that may not be in school for both aesthetic reasons as well as safety.

Mr. Pickard acknowledged this is a staging area for both Kiewit and Granite and will work with both companies to get that accomplished.

B. Toll Operations – Rafael Hernandez

Mr. Rafael Hernandez updates for toll operations for June 2020. Mr. Hernandez further explained monitoring continues on the decrease of processing transactions and accounts as compared with June 2019 noting a negative 18.3% and a negative 27% for transactions processed. Continuing to process accounts and transactions on a normal split between SunPass and Toll-By-Plate. The average daily traffic for June 2020 with an average of Tuesday, Wednesday and Thursday to stay consistent with the criteria used by FDOT showing a split of minus 27% for transaction processing which is heavier on the west group with a minus 32.8% compared to June 2019 and minus 27.2% on the east group.

C. Financial Update – Amy Lettelleir

Ms. Lettelleir thanked the Board for their kind comments. Ms. Lettelleir presented the financial update noting unaudited expenditures for Operation Maintenance Administrative for fiscal year 2020 are 8.9% under budget and toll revenues were 7.7% off below budget. THEA ended the year with an actual debt service coverage of 2.1x noting good investment income that helped.

Toll revenue numbers through June 30, 2020 are also unaudited. She noted there will be some year end adjustments, but THEA did end the year with \$88 million in toll revenues. Of note, toll revenues were \$6.4 million for this past July and one year ago they were \$7.3 million. Ms. Lettelleir provided an update on the Series 2020 Bond issue noting THEA's financial team presented to the rating agencies on Wednesday, August 12th and engaged in good discussions both during the call and after with many follow up questions. We received affirmation of A2 for Moody's and A+ from S&P on both our current and outstanding Bonds; and S&P gave a negative outlook because the entire toll sector is on a negative outlook. The official statement and the investor road show occurred last Thursday. Ms. Lettelleir received posting of the update from JP Morgan today with a fair number of hits on the road show including 25 unique institutional investor firms. She noted, we are set to price this Thursday and scheduled to sign the Bond Purchase Agreement on Friday and closing is scheduled on September 10, 2020.

As a reminder, THEA has a Series 2020A and a Series 2020B consisting of \$202 million in refunding bonds and \$20 million in revenue bonds to fund our work program. It is anticipated that the total Series 2020 A & B Debt Service will be lower than existing 2012A Debt Service.

Ms. Lettelleir acknowledged the great work of the entire Finance Team.

Chairman Cassidy reiterated the great job and the good picture of our Authority in this town

D. Public Affairs & Communications – Sue Chrzan

Ms. Chrzan reported that she and Ms. Sally Dee were panelists for an IBTTA *Crisis Communication* webinar last month concerning the COVID -19 and how THEA responded and changed the communication plan accordingly. In addition, she noted that the Authority is a finalist with the American Marketing Awards for the *Shop Gandy Campaign* as a B2B marketer. THEA is a nominee for *Best of the Bay* for the dog park. Voting is still open. It was noted that the South Selmon PD&E Alternatives Virtual Town Hall will be held on September 10th at 6:30 p.m. All were encouraged to sign up online under Selmonstudies.com. THEA will then be conducting smaller meetings with all of the stakeholders to answer their questions in lieu of in-person meetings. There are 20 people enrolled in the testing pilot for the MacDill discount program. An email will be sent by the end of the week to get that started. The FAV Summit date has been changed to December 2nd which is planned to be an in-person event.

Chairman Cassidy questioned if IBTTA or ITS cancelled for 2020 all in-person conferences. Ms. Chrzan noted that IBTTA has but will need to confirm ITS.

Mr. Alvarez commended the efforts by both Ms. Chrzan and Ms. Dee on the blocking and tackling of communications. He then thanked Ms. Chrzan for her leadership and Ms. Dee for her hard work as well in getting THEA's work projects out there and getting coverage.

VI. EXECUTIVE REPORTS

A. Executive Director (Joe Waggoner)

Mr. Waggoner reported on continuing contracts. Mr. Waggoner stated he approved two change orders to the ramp project. One was per discussion request from District VII Traffic Operations where we added approximately 200 feet more storage lane for left turns coming off the eastbound ramp that necessitated a change order to that contract of approximately \$174,000. The work was completed on time and for that amount. While we were resurfacing a piece of the mainline as part of this contract, a depression occurred requiring an emergency response and fill. The contractor was awarded \$29,590 to complete. These two change orders in total are the change orders Mr. Waggoner has approved and the contract is now moving toward closeout at this time.

Mr. Waggoner provided information on the Contract Renewal Report stating that one contract coming up for renewal is the auditor, Rivero Gordimer. We have completed their first three years, and this would be the first year of the two-year renewal option that we recommend we move ahead with. Unless we hear anything different from the Board by the September 21, 2020 meeting, THEA will move ahead with renewal of that contract with its first option year.

Chairman Cassidy questioned if Rivero Gordimer have only been with us for the first three years. He questioned if they were not with THEA prior to that.

Mr. Waggoner replied clarifying they have been with THEA for a good 5-10 years prior to that. This contract was put out to bid three years ago and Rivero Gordimer won the re-bid.

Mr. Waggoner took a moment to thank Mr. Frey who gave a lot of credit to him on the CV Project but feels it is mostly due to Mr. Frey and his non-stop efforts to make this project successful and the team that assists him. It was no small feat to get that project up and running. There were several agencies who received grants, but Mr. Waggoner believes THEA's team are the only ones effectively running what was promised to deliver. He believes this played a big part in USDOT following through with another \$4 million to keep this project running and expand upon it.

On the close-out, Mr. Waggoner noted the numbers that Ms. Lettelleir presented, her management of investment funds actually enabling us to achieve a debt service coverage of +2.0 as it looks right now for the close out of fiscal year 2020 in the midst of the COVID 19 impacts to this Agency, are yet just another remarkable accomplishment.

B. General Counsel (*Amy Lettelleir, Esq.*)

Ms. Lettelleir has no new report.

C. Chairman (*Vincent Cassidy*)

Upcoming Meetings

The Chairman reported that the Committee Meeting as a Whole will not be needed, therefore cancelled for Tuesday, September 8, 2020. The next regularly scheduled Board Meeting is Monday, September 21, 2020 at 1:30 p.m.

Severe weather off the tropics were discussed with no impact expected to the Tampa Bay area at this time for storms Marco and Laura.

Mr. Barrow noted speaking with his acquaintance who was recently promoted to the Captain of the SEALs who said they are anticipating the Port/Starboard 50/50 from home 50 on base until the end of the year. They were hoping that would change in September. Reported only for cash flow projection purposes only. Mr. Barrow clarified as an estimate MacDill is operating at approximately 40% capacity.

Chairman Cassidy noted it would be nice to know if it is possible, when they start returning if we can correlate that to the usage on the roads to see how much returning is base versus workers in the City.

Mr. Danny Alvarez noted that in his conversations with a Full-Bird Colonel the other day talking about coming back allegedly after a vaccine. When is that on the horizon?

Mr. Waggoner noted we are taking counts on Dale Mabry and Bayshore. As that picks up we should be able to look for correlation between traffic uptick on our roadway and look for that opportunity. It was projected that is probably 2-3 / few months away.

VII. OLD BUSINESS

No report was given.

VIII. NEW BUSINESS

No report was given.

V. ADJOURNMENT

With no further business to come before the Board, Chairman Cassidy adjourned the meeting at 2:19 p.m.

APPROVED: _____
Chairman: Vincent J. Cassidy

ATTEST: _____
Vice-Chair: Bennett Barrow

DATED THIS 21st DAY of September 2020

III. B.
CONSENT AGENDA

**Approval for travel request form for Board Members to attend TEAMFL
November 5th and 6th**

Request For Travel and Professional Development, CLE, Seminar, Workshop, Course Work, Non-reimbursed Speaking Engagement - ("Event")

Other _____

Registration Fees				\$	<u>0.00</u>
Meals	Breakfast	<u>2</u>	Days @ \$	<u>6.00</u>	= \$ <u>12.00</u>
	Lunch	<u>2</u>	Days @ \$	<u>11.00</u>	= \$ <u>22.00</u>
	Dinner	<u>3</u>	Days @ \$	<u>19.00</u>	= \$ <u>57.00</u>
Lodging		<u>2</u>	Days @ \$	<u>149</u>	= \$ <u>298.00</u>
OR					
Per Diem					= \$ <u>60.00</u>
Transportation					
Airfare				\$	<u>0.00</u>
Baggage Fee				\$	<u>0.00</u>
Car Rental			Days @ \$		= \$ <u>0.00</u>
Shuttle/Taxi			Days @ \$	<u>0</u>	= \$ <u>0.00</u>
Mileage		<u>400</u>		<u>0.575</u>	= \$ <u>230.00</u>
Total Estimated Travel Expense					\$ <u>679.00</u>

The supervisor and employee, acting in the best interest of THCEA, agree that the Event will directly enhance the employee's ability to perform his/her current duties/responsibilities and/or qualify for or maintain professional certifications related to employee's current position and related license requirements.

Date

Accounting Use Only	
For College or University Course Work Reimbursement	Notes:
<div> <div>Amount Approved</div> <div>Date</div> </div>	
<div>Balance - Fiscal Year</div>	

NOTE: The form must be completed prior to making travel arrangements or registrations. Employees are responsible for payment of unapproved registrations/travel expenses.

Request For Travel and Professional Development, CLE, Seminar, Workshop, Course Work, Non-reimbursed Speaking Engagement - ("Event")

NOTE: The form must be completed prior to making travel arrangements or registrations. Employees are responsible for payment of unapproved registrations/travel expenses.

III. C.
CONSENT AGENDA

SWE Tolling Equipment- CDW-G- \$160,000

QUOTE CONFIRMATION



DEAR RAFAEL HERNANDEZ,

Thank you for considering CDW•G for your computing needs. The details of your quote are below. [Click here](#) to convert your quote to an order.

QUOTE #	QUOTE DATE	QUOTE REFERENCE	CUSTOMER #	GRAND TOTAL
LQHL601	9/10/2020	VXRAIL / CISCO CARD	9541347	\$159,397.00

QUOTE DETAILS				
ITEM	QTY	CDW#	UNIT PRICE	EXT. PRICE
DELL CTO VXRAIL P570F 2X6242R Mfg. Part#: 3000067600664 Contract: National IPA Technology Solutions (2018011-01)	2	6224934	\$72,499.00	\$144,998.00
Cisco Line Card E-Series - switch - 12 ports - plug-in module Mfg. Part#: WS-X4712-SFP+E= UNSPSC: 43222612 Contract: National IPA Technology Solutions (2018011-01)	1	2383698	\$12,999.00	\$12,999.00
Proline Cisco SFP-10G-SR Compatible SFP+ TAA Compliant Transceiver - SFP+ t Mfg. Part#: SFP-10G-SR-CDW UNSPSC: 43201553 Contract: National IPA Technology Solutions (2018011-01)	4	2146037	\$330.00	\$1,320.00
C2G 3m LC-LC 50/125 OM4 Duplex Multimode Fiber Cable - Aqua Mfg. Part#: 00999 UNSPSC: 26121609 Contract: National IPA Technology Solutions (2018011-01)	4	3224303	\$20.00	\$80.00

PURCHASER BILLING INFO	SUBTOTAL	\$159,397.00
Billing Address: TAMPA-HILLSBOROUGH EXPY AUTHORITY 1104 E TWIGGS ST STE 300 TAMPA, FL 33602-3103 Phone: (813) 272-6740 Payment Terms: Net 30 Days-Govt State/Local	SHIPPING	\$0.00
	SALES TAX	\$0.00
	GRAND TOTAL	\$159,397.00
DELIVER TO	Please remit payments to: CDW Government 75 Remittance Drive Suite 1515 Chicago, IL 60675-1515	
Shipping Address: TAMPA-HILLSBOROUGH EXPY AUTHORITY 1104 E TWIGGS ST STE 300 TAMPA, FL 33602-3103 Phone: (813) 272-6740 Shipping Method: UPS Ground (2 - 3 day)		

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Ryan Torres

(877) 500-3403

ryantor@cdwg.com

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Discussion/Action Items

Planning Committee

IV. B. 1.

Gandy Park Improvements - Design

- Purpose:** With the construction of the Selmon West Extension and the use of the existing City of Tampa park at the east end of the Gandy Bridge for construction staging, THEA has committed to restoring the park to an improved state that will exceed its former condition prior to construction. The commitment includes a pedestrian underpass that will connect the north and south sides of the trail located at the park. This item consists of one task work order being authorized under the Miscellaneous Planning & Design Contract.
- Funding:** Capital Budget - Not to exceed \$200,000
- Action:** Approval of THEA selection of Calvin Giordano & Associates, Inc. from the THEA Miscellaneous Parks & Trails shortlist and authorization for the Executive Director to execute a Task Work Order, in an amount not to exceed \$200,000, for the design of the Gandy Park Improvements. Final contract is subject to review and approval of THEA General Counsel.

Exhibit C ~ Scope of Services ~ Contract No. P-00919-CGA

SCOPE OF SERVICES

Services to be provided include, but are not limited to, the following:

FDOT Pre-Qualified Services

- Architecture
- Design, Right of Way, & Construction Surveying
- Land Planning/Engineering
- Landscape Architecture

THEA Specialized Required Services

- Greenway/Trail Master Plan Development and Prioritization
- Urban Design/Planning Services/Placemaking: Visioning, Concept Development, and Design
- Greenway/Trail Concept Development and Design
 - Wayfinding, Signage and Guidance
 - Corridor and Mobility Trail Design
 - Landscape and Hardscape Element Design/Architecture
- Facility Enhancement Planning and Design
 - Public Park Planning and Design
 - Community Parks and Dog Parks
 - Park Amenities and Facilities
 - Underpass Aesthetics
- Emergent Technologies for Greenways/Trails and Underpass Aesthetics
- Cost Estimates Development
 - Support Procurement Activities
- Public Art and Culture Services
- Public and Stakeholder Involvement/Coordination

In addition, the work categories and scope may include:

a. Miscellaneous Landscape, Greenway and Park Support

Minor Work

13.6 Land Planning/Engineering.

b. Either A PD&E FDOT prequalification in the following, or a State of Florida Landscape Architecture License:

Minor Work

14.0 Architect

15.0 Landscape Architect

c. THEA Specialized Services

- Greenway/Trail Master Plan Development and Prioritization
- Urban Design/Planning Services/Placemaking: Visioning, Concept Development, and Design
- Greenway/Trail Concept Development and Design
 - Wayfinding, Signage and Guidance
 - Corridor and Mobility Trail Design
 - Landscape and Hardscape Element Design/Architecture
- Facility Enhancement Planning and Design
 - Public Park Planning and Design
 - Community Parks and Dog Parks
 - Park Amenities and Facilities
 - Underpass Aesthetics
- Emergent Technologies for Greenways/Trails and Underpass Aesthetics
- Cost Estimates Development
 - Support Procurement Activities
- Public Art and Culture Services
- Public and Stakeholder Involvement/Coordination
- Architectural services for Parks, Public Spaces and Monuments



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Geographic Information
Systems (GIS)
Governmental Services
Indoor Air Quality
Landscape Architecture
Planning
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& Urban Design
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Transportation Planning
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Fort Lauderdale, FL
33316
954.921.7781 phone
954.921.8807 fax

www.cgasolutions.com

September 10, 2020

Mr. Bob Frey
Director of Planning and Innovation
Tampa-Hillsborough Expressway Authority
1104 East Twiggs Street, Suite 300
Tampa, Florida 33602

RE: Selmon Expressway-West Gandy Boulevard Park and Pedestrian Underpass

Dear Mr. Frey,

CGA is pleased to provide this DRAFT proposal for Staff review and comment. We appreciate the opportunity to serve Tampa Hillsborough Expressway Authority (THEA).

The following Scope of Services is proposed by Calvin, Giordano & Associates, Inc. (CGA) as requested by the Tampa Hillsborough Expressway Authority (THEA) for the West Gandy Park and Trail Project. This proposal, when executed, shall be incorporated in and become an integral part of the Agreement for professional services between the THEA and CGA. At your request, we have provided scope and fees for CGA, attached scope and fees for each of our subconsultants, and have provided an hourly breakdown for each team member by employee category.

If you have any questions or inquiries, please do not hesitate to reach out to me at 954-921-7781 or feel free to contact Tammy Cook-Weedon at 954-266-6488 or on her cell at 954-684-0532.

Sincerely,

Chris Giordano, MSC, CCM
Vice President

BACKGROUND

THEA, through the issuance of the Expanded Letter of Interest (ELOI) P-00919, solicited responses from interested parties to compete for the Miscellaneous Trails, Parks and Community Enhancement services to complete a list of improvements being requested.

Preliminary Design Assumptions:

In order to build some general assumptions about a potential schematic, technical approach to the trail design, THEA has provided an excerpt of the Friendship Trail Concept Report to use as a basis for the scope of work, as this alignment is one which would be less-likely to meet resistance with regard to environmental permitting. Specifically, the concept to follow is the 8.3.1 *Concept A – Graded Under-crossing of Gandy Boulevard* option. This is described as:



"It is described as beginning at the terminus of the existing pathway on the north side of Gandy Boulevard, just east of the intersection of Gandy Boulevard and the north frontage road. The existing pathway is 10 feet wide. The proposed trail could cross the frontage road by means of a special emphasis crosswalk to the median area between westbound Gandy Boulevard and the north frontage road. A new 12-foot-wide trail could be constructed along the south side (eastbound lane) of the Frontage Road. Approximately 500 feet west of this first crossing, in order to avoid a drainage ditch in the median, the trail may bend and cross the frontage road (by means of a special emphasis crosswalk), then continue along the north side of the frontage road. Within the next 25 feet, the trail may cross the entry drive for the Marine Corps Training Center by means of a special emphasis crosswalk. The trail could continue along the north edge of the frontage road for approximately 350 feet, at which point it crosses a park driveway, again by means

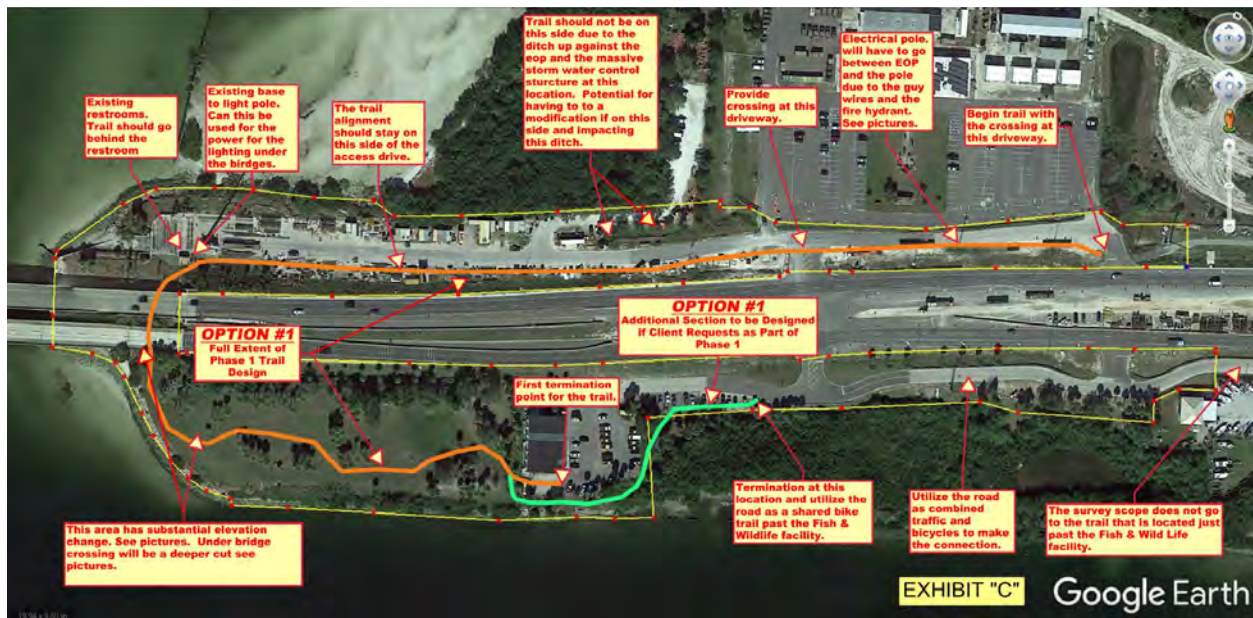
of a special emphasis crosswalk. Approximately 75 feet further west, the trail could begin to bend to the north, skirting the Friendship Trail Bridge parking area. A 12-foot-wide trail should be able to fit within an existing level strip, which is slightly lower than the edge of pavement on the parking lot. The proximity of the trail to the shoreline in this area may require some environmental permitting. The trail could then curve south around the northwest corner of the parking lot and come to a perpendicular intersection with the east end of the Friendship Trail Bridge.

The trail could proceed southeast (perpendicular to the Friendship Trail Bridge and the two Gandy Boulevard Bridges) from the intersection with the Friendship Trail Bridge, and about midway under the westbound Gandy Boulevard Bridge transitions to a graded under-crossing of the Eastbound Gandy Bridge. The under-crossing will be excavated down to allow 7 feet of clearance below the bridge girders of the span between Bents #295 and #296 (the second span from the east end of the bridge). The excavation to provide this clearance could be just less than 5 feet below existing grade. The pathway through the under-crossing will be 10 feet wide and flanked by graded embankments (3:1 slope). The pathway descending into and out of the under-pass will have a grade of 8.33%, with five-foot level landings midway through, in order to comply with the requirements of the Americans with Disabilities Act Accessibility Guidelines.

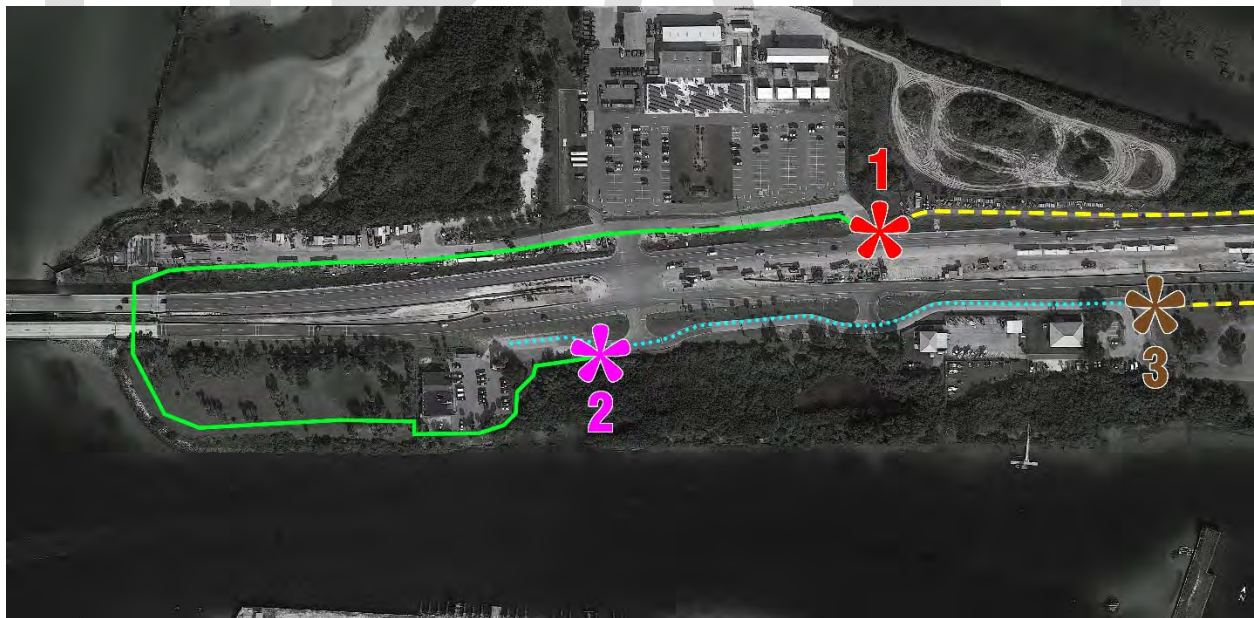
It should be noted that the AASHTO Guide for the Development of Bicycle Facilities recommends a minimum vertical clearance of 8 feet on shared use pathways. However, the most recent research by FHWA on users of shared use paths (Characteristics of Emerging Road and Trail Users and Their Safety (2004)) examined the operating characteristics of 260 trail users of various types (bicyclists, inline skaters, roller skaters, recumbent and tandem cycles, kick scooters, wheelchairs, etc.). The study group included only one user—a very tall Segway rider—whose total height exceeded seven feet. Thus, we recommend that an underpass could be constructed with 7 feet of clearance at this location, provided that advance warning of the low girder is provided.

Upon climbing out of the under-crossing and returning to existing grade (approximately 60 feet clear of the south bridge girder), the trail could return to its 12-foot width and climb gradually along existing terraces along the waterfront for approximately 200 feet. The trail then bends to the east and climbs more steeply to the Gandy Park area on the hilltop. The trail could meander slightly inland to take advantage of shade offered by some existing palm trees then proceed toward the south side parking area, approximately 500 feet to the east.”

To further understand the specifics of the identified project area and potential nuances of the design needs as they compare to the above-mentioned concept, the CGA Team conducted a preliminary site visit to make observations critical of the recommendations in the report. Based on the Team’s findings, there are existing conditions that may require the final trail alignment to deviate from the recommendations in the report. These are noted as follows:



Based on the above, CGA will provide the design vision for two concepts illustrating the potential that the design team sees for this project. In conformance with what the Team observed, this scope of work is being defined to include the components consistent with the following diagram:



1. The scope of work will connect to the existing trail (shown as yellow dashed line) on the north side of Gandy.
2. The area of work will comprise those areas abutting the proposed trail alignment (shown in solid green) between asterisk 1 and asterisk 2.
3. Immediately in the area identified by asterisk 2, we observed an approximately 1:1 grade change and vehicular guardrails. As such, any extension of the trail at this point would require a retaining

wall, fill and would have impacts on the existing mangroves, requiring additional environmental permitting.

4. In light of the previous note and recognizing that this may increase the cost of improvements beyond what has already been allocated for construction, we are recommending connecting the parking lot just west of asterisk 2 with the existing trail east of the FWC facility (shown in dashed yellow) by utilizing Pavement Markings and Striping to designate the connecting roadway (shown in dotted cyan) as a “sharrow”. This will facilitate cyclists’ connectivity to the south trail at asterisk 3.

Based on the above, CGA will conceptualize a connective strategy between asterisks 2 and 3, but any conceptualized connections will not be included in the final constructible set of plans or scope of work for this project, as that may be constructed at a later date with different funding.

Lastly, the included scope of work is all based on the assumption that all plans and specifications shall not be required to be prepared in accordance with the FDOT Plans Preparations Manual, or any such standard. Additionally, the scope of work is also based on the assumption that all work shall not be required to be prepared in Microstation nor shall they meet any digital file criteria determined by FDOT. All plans and specifications will be creating using general constructability industry standards and shall be assembled using AutoCAD software.

PROPOSAL ORGANIZATION

Included are the essential and necessary tasks to complete the desired work. Tasks are broken down and organized into 7 categories, organized in a task-format and sequenced to illustrate the workflow upon which they will be executed. All services excluded from this contract are provided at the end of the document.

1. **General Services** – Services needed to administer the project and deliver it to the client. These include general project management services, Quality Assurance and Quality Controls processes, coordinating with sub-consultants, etc.
2. **Foundation Data-Collection Phase** - Collecting all necessary background and foundational data needed to provide the services and generate a design.
3. **Conceptual Design Phase** – Working closely with THEA Staff (specifically those responsible for steering and guiding the design and development decisions) to develop a conceptual plan that identifies the size, location and metrics of the many components that need to be included and conducting any initial public outreach that THEA requires. CGA will develop the design under Staff direction to the point that it meets the criteria for submission to THEA, FDOT and the City of Tampa.
4. **Schematic Design Phase** – Assisting THEA with limited graphics for public engagement processes and the development of construction plans and detailing to a level of completion consistent with a 30% completion of the final construction plans. CGA will develop the schematic design under Staff direction to the point that it meets the criteria for re-submission to THEA, FDOT and the City of Tampa.
5. **Design Development Phase** – Development of construction plans and detailing to a level of completion consistent beyond 30% up to a 90% completion of the final construction plans. This phase will require the sign-off and approval at both the 60% and 90% completion levels by THEA Manager, THEA Engineer, THEA’s Project Manager and the THEA Board of Directors. Sign-off will serve to memorialize consistency with the design intent as presented to and approved by THEA in the Concept Plan approval processes.
6. **Biddable Documents Preparation Phase** – Development of construction plans, construction detailing, and specifications beyond the 90% completion level to 100% completion level and the

preparation of technical specifications, where needed, to provide to THEA in preparation of the bidding process.

7. Bidding and Awarding Services (AS) Phase

SCOPE OF WORK – OUTLINE

The scope of services proposed herein is provided in outline format to serve as a ‘one place’ look at the workflow sequence being proposed in order to effectively complete the work. All the tasks are further detailed following the outline.

General Services (GS)

- Task 1: Project Management
- Task 2: Quality Assurance / Quality Control (QA/QC)
- Task 3: Bi-weekly Progress Meetings

Foundation Data-Collection (FD) Phase

- Task 1: Project Kick-off Meeting
- Task 2: Survey
- Task 3: Utility Coordination
- Task 4: Design-relevant Data Collection, FDOT Review, and Review of Available Information
- Task 5: Final Base-map Development
- Task 6: Conference with THEA Staff on Final Findings

Conceptual Design (CD) Phase

- Task 1: Development of Design Brief Memorandum
- Task 2: Site Utilization and Programming Strategy
- Task 3: Draft Conceptual Design
- Task 4: Public Outreach Meeting – Conceptual Plan
- Task 5: Final Conceptual Design and Approval Milestone
- Task 6: Sign-off

Schematic Design (SD) Phase

- Task 1: Post-Approval and Design Directive Meeting
- Task 2: Pre-Application Meetings with Permitting Agencies
- Task 3: Geotechnical Engineering Analysis (via Sub-consultant)
- Task 4: Sub-surface Investigation (via Sub-consultant)
- Task 5: Development of Schematic Design Plans (30%-level Development of Construction Plans)
- Task 6: Final Schematic Design and Site Plan Approval Milestone
- Task 7: Sign-off

Design Development (DD) Phase

- Task 1: Development of 60% Design Development Plans
- Task 2: Preliminary Permitting
- Task 3: Development of 90% Design Development Plans
- Task 4: Final Permitting
- Task 5: Sign-off

Final Bid Construction Documents (BD) Phase

- Task 1: 100% Construction Drawings
- Task 2: Sign-off

Assumptions and Exclusions

- Assumptions
- Exclusions

GENERAL SERVICES (GS)

- **Task 1: Project Management**
 - CGA shall provide project management and project coordination services throughout the design and permitting process. The time and effort investment to achieve this is applied as a 4% mark-up cost of the final overall fee total. This will include:
 - the development of a communications plan,
 - coordination of the design team and included sub-consultants,
 - permitting,
 - design,
 - schedule,
 - adherence of design to construction budget,
 - adherence of design to the THEA's directives, and
 - interactions with the THEA Staff.
 - Providing prompt resolutions of issues which may arise during the design and/or permitting process.
 - Addressing internal-review comments from THEA, FDOT and THEA Staff at key staff review opportunities provided and detailed herein. The basis of scope for addressing comments from FDOT, the City of Tampa and THEA Staff is based on the assumption that THEA's Project Manager will be responsible for determining the validity and application of the comment, determining if the comment needs to be brought to the attention of CGA, and providing a direction on to what degree to incorporate the comment. CGA will not be responsible for addressing comments that are provided piece-meal or which have not been vetted by THEA's Project Manager with a directive for incorporation/exclusion from the plans.
 - Status updates shall be submitted to THEA at key milestones, indicating percent complete for each task.
 - For all meetings included in this Agreement and detailed in this scope, CGA will prepare agendas, attend and prepare meeting minutes for distribution.
- **Task 2: Quality Assurance / Quality Control (QA/QC)**
 - CGA shall provide extensive quality assurance and quality control practices to ensure that plans account for potential constructability issues, conflicts between design solutions by disciplines, and that omissions are reasonably eliminated. The time and effort investment to achieve this is detailed in each task where it will be performed. These services may include:
 - Peer-review of the entire set of plans at each phased submittal for each department and sub-consultant,
 - Constructability review by in-house, or third-party out-of-house professional.
- **Task 3: Bi-weekly Progress Meetings**
 - CGA will conduct bi-weekly progress meetings via teleconferencing platform, such as Zoom, to review the status, progress and look-ahead of the project. Bi-weekly progress meetings are intended to be short and brief, with a focus on quickly identifying immediate needs of the project and serving as an opportunity to solicit clarification or directives from

THEA on specific relevant topics. These bi-weekly progress meetings are estimated at 30 minutes for each meeting.

FOUNDATION DATA-COLLECTION (FD) PHASE

- **Task 1: Project Kick-off Meeting**
 - The CGA project team will attend one (1) kick-off meeting with the appropriate representatives to introduce key team members to THEA staff and review available planning and reference documents defining the project scope. Preliminary project goals, objectives, project reporting, decision-making processes, workflow, schedule, budget, and quality control will be discussed. THEA will provide a list of any agencies having jurisdiction or for which special processes need to be met, outside of those already known to the CGA team for known permitting processes. An important outcome of the kick-off meeting shall be the development and agreement of a preliminary schedule for critical path milestones.
 - The project kick-off meeting will be conducted via a Zoom meeting. THEA Staff to coordinate THEA Staff's availability; CGA to provide Zoom meeting information. The scope will include:
 - Preparation a digital presentation outlining all the information
 - Conducting a group meeting via teleconferencing media, such as Zoom.
- **Task 2: Survey**
 - The proposed surveying scope of services is included by reference to this Agreement. Please refer to the sub-consultant's proposed scope of work proposal and fees attached for specific scope of work items.
 - Tree Survey
 - The survey team will map the areas of existing native and non-native vegetation within the proposed project area for use in the landscaping design and to evaluate areas of exotic vegetation that will be required to be removed, as well as potential environmental impacts of the project. All trees greater than a 3-inch diameter at breast height within the project limits will be located. Information pertaining to tree type, height, canopy spread, and tree diameter will be documented per tree.
 - The tree survey will provide the Botanical and Common name within the project limits. The survey table will include these descriptions with the information noted above.
 - Tree evaluations by in-house Certified Arborists will provide final determinations on the conditions of each tree, determine their survivability to potential relocation, and determine possible mitigation requirements if each if identified for removal.
- **Task 3: Utility Coordination**
 - This task shall provide information on the construction plans meeting Subsurface Utility Engineering Quality Levels as described by ASCE "Standard Guidelines for Depiction and Collection of Existing Subsurface Utility Data". Data Acquisition is limited to available records and soft digs as noted below.
 - Utility Coordination
 - Create an 811 Design Ticket.
 - Submit Initial Utility Request Letters to applicable utility owners.
 - Create a utility matrix for tracking all utility coordination, responses and confirmation information.
 - Log and input utility information into AutoCAD.
 - THEA will provide drainage, water, and sewer as-builts.
 - Submit Confirmation Letters to applicable utility owners.

- Follow up responses and confirmation from the applicable utility owners.
 - Subsurface Utility Engineering (SUE) will be provided in the Design Development Phase.
- **Task 5: Design-relevant Data Collection, Ordinance Review, and Review of Available Information**
 - Review existing, available information relative to parks programming and needs.
 - Review applicable codes and ordinances to be reflected in the design, as provided by THEA.
 - Collection of constructability and branding election standards adopted by THEA, if applicable, such as standard site detailing across all improvements, furnishings, amenities, signage and standard policies.
 - Review of existing contract pricing and review, in concert with THEA Staff, internal procurement processes that may have an impact on the eventual cost of the project and opportunities for cost-savings.
 - Review of existing drainage, utility, and well permits as provided by THEA and related to the park property.
 - Review of any historical utility and drainage information from THEA staff.
- **Task 6: Final Base-map Development**
 - After all site reconnaissance work has been completed, CGA and DRMP will prepare a final base-map by compiling the Topographic Survey and Tree Survey to illustrate the visible existing conditions and topographic contours within the project limits. The final base-map will become the basis for the development of the project.
- **Task 7: Conference with THEA Staff on Final Findings**
 - The CGA team will schedule and attend one (1) digital conference meeting with THEA Staff to review existing conditions, identify potential design opportunities and challenges, and document/discuss relevant features/areas of interest. It is desired that all relevant THEA, FDOT or THEA Departments will partake in this conference; THEA Staff to coordinate the meeting, including identifying key individuals, key departments, coordinating availability, and scheduling. CGA will provide the meeting link.

CONCEPTUAL DESIGN (CD) PHASE

- **Task 1: Development of Design Brief Memorandum**
 - The Design Brief Memorandum will serve to memorialize all directives obtained from THEA, FDOT and City of Tampa Staff, any directive received by THEA, and general findings of all data collection. The Design Brief will serve as the Design Criteria to guide the process for developing designs.
- **Task 2: Site Utilization and Programming Strategy**
 - CGA will prepare the necessary diagrams to convey up to two (2) alternatives for Site Utilization and Use Strategies. These explorations will look at general components' placement, their use and programming relationships, and will serve to highlight constructability questions about the site design and potential operational considerations that may need to be clarified. It is expected that the Site Utilization and Programming Strategy be reviewed and approved by THEA Staff, FDOT and City of Tampa Staff that will be responsible for the operational components of the park and those coordinating potential uses in the park.
- **Task 3: Draft Conceptual Design**
 - CGA, together with applicable sub-consultants, will develop preliminary design documents for the selected Site Utilization and Programming Strategy. The draft conceptual design will be represented with preliminary design documents that will include preliminary diagrams, plans, sections and details to illustrate overall vision, character and materials to further communicate

- the iconic vision for the project. The conceptual design will be peer-reviewed by intersecting disciplines to ensure that the general approaches to site design are achievable, or that any critical condition is daylighted in order to solicit further direction from THEA.
- CGA will conduct a preliminary design review of the draft conceptual design with THEA's Project Manager via an interactive teleconferencing meeting to present the draft plan and solicit feedback from THEA Staff.
 - THEA's Project Manager will provide a consolidated list of Client comments to be incorporated into the final conceptual design documents. CGA will review and incorporate input received from THEA as a basis for developing the Final Conceptual Design Documents.
- **Task 4: Public Outreach Meeting – Conceptual Design**
 - THEA Staff will coordinate a presentation to the community, focused on providing kick-off information, overall project goals, and soliciting preliminary feedback on the conceptual design. Meeting advertisement and digital link to be coordinated and provided by THEA. The meeting will be held via a digital platform. CGA will prepare the presentation, limited to readily-available imagery or graphics prepared by CGA in the course of providing this scope of work. CGA shall be in attendance to the meeting and shall participate if needed in delivering the oral presentation.
 - Follow-up meeting with THEA Staff to review comments received and to determine an approach for incorporation, if applicable.
 - **Task 5: Final Conceptual Design and Approval Milestone**
 - CGA and any applicable sub-consultants will further refine and develop the final conceptual design documents in preparation for submission to THEA Board of Directors for approval. The final conceptual design will be represented with design documents that may include preliminary diagrams, plans, sections and details to illustrate overall vision, character and materials to further communicate the iconic vision for the project.
 - CGA may attend a THEA Board of Directors meeting at the request of THEA Staff, present the Conceptual Design package and answer any questions that THEA Board of Directors may have.
 - If THEA Board of Directors provides a different design direction than that obtained and vetted by Staff, then any re-design to develop new plans for resubmission to THEA or to address changes in design direction shall be performed under an Additional Services Agreement.
 - **Task 6: Sign-off**
 - At the completion of the Conceptual Design Phase, THEA shall be required to issue a Notice to Proceed to advance to the Schematic Design Phase.

SCHEMATIC DESIGN (SD) PHASE

- **Task 1: Post-Approval and Design Directive Meeting**
 - CGA will meet with THEA Staff via an interactive teleconferencing meeting to review any specific request or comments issued by THEA Board of Directors during the approval process of the conceptual design. This is especially critical if the Board of Directors deviates from the design direction that resulted in the conceptual plan. CGA will seek to obtain directives from THEA Staff on how they would like to proceed addressing any requests made by Board of Directors.
- **Task 2: Pre-Application Meetings with Permitting Agencies**
 - CGA staff will work with THEA Staff to develop a list of anticipated permits that will be needed for review.
 - Once finalized, CGA and DRMP will contact the various agencies on that list and begin any possible pre-application meetings and/or calls to obtain clarity on processes and to introduce

the agencies to the proposed improvements in an effort to solicit feedback on potential permitting challenges and methods for resolution/facilitation.

- **Task 3: Geotechnical Engineering Analysis (Geotechnical sub-consultant)**
 - The proposed geotechnical scope of services, as coordinated with DRMP, is included by reference to this Agreement. Please refer to the sub-consultant's proposed scope of work proposal and fees attached for specific scope of work items.
- **Task 4: Sub-surface Investigation (via Sub-consultant)**
 - The proposed geotechnical scope of services, as coordinated with DRMP, is included by reference to this Agreement. Please refer to the sub-consultant's proposed scope of work proposal and fees attached for specific scope of work items.
- **Task 5: Development of Schematic Design Plans (30%-level Development of Construction Plans)**
 - CGA will develop one (1) preliminary 30% construction plans submission package for THEA Staff Review, including illustrative plans, sections, elevations, typical details, sketches, renderings and relevant technical memos incorporating client, community and stakeholder comments received and taking into account overall impact, cost, project budget, and other relevant considerations. The 30% construction plans submission package will illustrate plan view of the improvements. Minor drainage design (slopes, swales, etc. but no drainage structures or underground piping) will be completed as appropriate for the improvements. Electrical and water utility connection will be based on the existing power source on-site and the proposed implementation. The plans will incorporate existing conditions and basic design elements including decorative details for the pathways, vegetation and key iconic architectural design features. The 30% preliminary plans will graphically convey the engineering and landscape architectural design and be formatted for a logical sequence of construction. This submission will include:
 - Technical Base Drawings: CGA will coordinate the site layout with the survey drawings and establish a set of technical base plans, each developed to a 30%-level of completion for the project, composed of:
 - G-Sheets (General)
 - Cover, Index, Standard Abbreviations and General Notes
 - V-Sheets (Existing Conditions)
 - Topographical Survey
 - D-Sheets (Demolition Work)
 - Site Demolition Notes and Plans
 - Tree and Palm Disposition Notes and Plans
 - SP-Sheets (Site Work)
 - Site Plans (Notes, Schedules, Design, Materials)
 - C-Sheets (Civil Plans)
 - Civil Notes
 - Paving, Grading and Drainage Plans - preliminary engineering drawings to include a schematic infrastructure drainage plan depicting the general direction of surface water flow
 - Signing and Pavement Marking Plans – preliminary layout of pavement markings
 - Water Plans – schematic layout for coordination purposes
 - SD-Sheets (Site Detailing)
 - Site Furnishings Palette Illustrative Board
 - Site Material and Finishes Palette Illustrative Board
 - E-Sheets (Electrical Engineering)

- Electrical Plans – schematic layout for coordination purposes
- L-Sheets (Landscape Planting)
 - Landscape General Notes
 - Tree and Palm Receptor Notes, Plans and Schedules
 - Proposed Planting Plans - planting plan with general location of planting shown to demonstrate no conflicts with existing or proposed infrastructure. No plant size, species, etc. are required to be shown.
- 30% Cost Estimate: CGA will prepare a cost estimate identifying elements, quantities breakdown and opinion of market costs for each, reflecting unit costs for components at the time that it is drafted. The cost estimate will include a 25% contingency add-on.
- 30% Quality Assurance/Quality Control peer-review.
- CGA will submit the preliminary schematic design submission package to THEA's Project Manager for review and comment by THEA. CGA will submit a complete set of all 30% plans to THEA Staff for review and comment relative to compliance with THEA's directive. The plan set will be submitted via hardcopy sized at 24x36" sheets and via PDF via a downloadable link. It is anticipated that THEA will provide comments within a reasonable timeframe.
- THEA's Project Manager will provide a consolidated list of THEA comments to be incorporated into the final schematic design documents. CGA will review and incorporate input received from THEA as a basis for developing the final schematic design documents.
- While irrigation design is not included in the scope of work for this project, CGA will assess the implications of the conceptual design and make a recommendation to THEA on whether an irrigation design is recommended to be developed and incorporated, or if alternate strategies should be considered. If THEA determines that irrigation design should be added to the scope of work, then CGA will provide the Irrigation Design services contingent upon the approval of an Additional Services Agreement.
- CGA will meet with THEA Project Manager to review the recommendations set forth by CGA and all consolidated comments to determine which comments to implement and if they impact and/or deviate from the original design direction.
- **Task 6: Final Schematic Design and Site Plan Approval Milestone**
 - CGA and any applicable sub-consultants will further refine and develop the final schematic design documents in preparation for submission to THEA Board of Directors for approval.
 - CGA may attend a THEA Board of Directors meeting, discuss the Site Plan package and answer any questions that THEA Board of Directors may have.
 - If THEA Board of Directors provides a different design direction than that obtained and vetted by Staff, then any re-design to develop new plans for resubmission to THEA or to address changes in design direction shall be performed under an Additional Services Agreement.
- **Task 7: Sign-off**
 - At the completion of the Schematic Design Phase, THEA shall be required to issue a Notice to Proceed to advance to the Design Development Phase.

DESIGN DEVELOPMENT (DD) PHASE

- **Task 1: Development of 60% Design Development Plans**
 - CGA will incorporate comments and agreed-upon resolutions from THEA's review of the schematic design 30% plans. A subsequent submittal of the design plans will be made to THEA at the 60%-level of completion. It is anticipated that the review comments from the 30% level drawings will be minor in nature, directed towards the advancement of the adopted

design and not requesting wholesale design changes, as the latter would require an Additional Services Agreement. The drawings will be prepared with industry-accepted guidelines to produce construction drawings on 24x36" sheets at appropriate scales. This submission will include:

- Technical Base Drawings: CGA will coordinate the site layout with the survey drawings and establish a set of technical base plans, each developed to a 60%-level of completion for the project, composed of:
 - G-Sheets (General)
 - Cover, Index, Standard Abbreviations, Project Map, Revision Log and General Notes
 - V-Sheets (Existing Conditions)
 - Topographical Survey
 - D-Sheets (Demolition Work)
 - Site Demolition Notes and Plans
 - Tree and Palm Preservation Notes, Schedules, and Plans
 - Tree and Palm Disposition Notes and Plans
 - SP-Sheets (Site Work)
 - Site Plans (Notes, Schedules, Layout Design, Materials, Dimensions)
 - C-Sheets (Civil Plans)
 - Civil Notes
 - Paving, Grading and Drainage Plans
 - Signing and Pavement Marking Plans
 - Storm Water Pollution Prevention Plans
 - Civil Engineering Details and Sections
 - Water and Sewer Plans and Profiles
 - Water and Sewer Details
 - SD-Sheets (Site Details)
 - Overall Site Sections
 - Detailed Site Sections
 - Paving and Edging Details
 - Furnishing and Lighting Fixture Details
 - Enlargement Plans
 - Specific Design Component Detailing
 - E-Sheets (Electrical Engineering)
 - Lighting Layout Plans
 - Electrical Plans – schematic layout for coordination purposes
 - L-Sheets (Landscape Planting)
 - Landscape General Notes
 - Tree and Palm Receptor Notes, Plans and Schedules
 - Proposed Planting Plans
 - Typical Planting Details
- 60% Cost Estimate: CGA will prepare a cost estimate identifying elements, quantities breakdown and opinion of market costs for each, reflecting unit costs for components at the time that it is drafted. The cost estimate will include a 15% contingency add-on.
- 60% Quality Assurance/Quality Control peer-review and constructability review.

- Technical Specifications: CGA will prepare a preliminary technical specification package in the Construction Specifications Institute (CSI) format for the Divisions 2-16 specifications required for the construction plans. THEA will be responsible for all “front-end” bid package documents such as General Conditions, Construction Contracts, and Division 1 Specifications, etc.
 - CGA will submit the package to THEA’s Project Manager for review and comment by THEA. CGA will submit a complete set of all 60% plans to THEA Staff for review and comment relative to compliance with THEA’s directive. The plan set will be submitted via hardcopy sized at 24”x36” sheets and via PDF via a downloadable link. It is anticipated that THEA will provide comments within a reasonable timeframe.
 - THEA’s Project Manager will provide a consolidated list of THEA comments to be incorporated into the final schematic design documents. CGA will review and incorporate input received from THEA as a basis for developing the final schematic design documents.
 - CGA will meet with THEA Project Manager to review the consolidated comments and to determine the approach for incorporation, if applicable.
- **Task 2: Preliminary Permitting**
 - Provided that the plans will not have substantive changes, CGA and DRMP, where possible, will commence the permitting process with any Agency Having Jurisdiction (AHJ) that do not require plans developed to 100% completion.
- **Task 3: Development of 90% Design Development Plans**
 - CGA will incorporate comments and agreed-upon resolutions from THEA’s review of the 60% plans. It is anticipated that the review comments from the 60% level drawings will be minor in nature, directed towards the refinement of the plans and not requesting wholesale design changes, as the latter would require an Additional Services Agreement. The drawings will be prepared with industry-accepted guidelines to produce construction drawings on 24x36” sheets at appropriate scales. This submission will include:
 - Technical Base Drawings: CGA will coordinate the site layout with the survey drawings and establish a set of technical base plans, each developed to a 90%-level of completion for the project, composed of:
 - G-Sheets (General)
 - Cover, Index, Standard Abbreviations, Project Map, Revision Log and General Notes
 - V-Sheets (Existing Conditions)
 - Topographical Survey
 - D-Sheets (Demolition Work)
 - Site Demolition Notes and Plans
 - Tree and Palm Preservation Notes, Schedules, and Plans
 - Tree and Palm Disposition Notes and Plans
 - SP-Sheets (Site Work)
 - Site Plans (Notes, Schedules, Design, Materials, Dimensions)
 - C-Sheets (Civil Plans)
 - Civil Notes
 - Paving, Grading and Drainage Plans
 - Signing and Pavement Marking Plans
 - Storm Water Pollution Prevention Plans
 - Civil Engineering Details and Sections
 - Water and Sewer Plans and Profiles
 - Water and Sewer Details

- SD-Sheets (Site Details)
 - Overall Site Sections
 - Detailed Site Sections
 - Paving and Edging Details
 - Furnishing and Lighting Fixture Details
 - Enlargement Plans
 - Specific Design Component Detailing
- E-Sheets (Electrical Engineering)
 - Lighting Layout Plans
 - Electrical Plans – schematic layout for coordination purposes
- L-Sheets (Landscape Planting)
 - Landscape General Notes
 - Tree and Palm Receptor Notes, Plans and Schedules
 - Proposed Planting Plans
 - Typical Planting Details
- 90% Cost Estimate: CGA and DRMP will prepare a cost estimate identifying elements, quantities breakdown and opinion of market costs for each, reflecting unit costs for components at the time that it is drafted. The cost estimate will include a 10% contingency add-on.
- 90% Quality Assurance/Quality Control peer-review and constructability review.
- Technical Specifications: CGA and DRMP will further develop and refine the technical specification package in the Construction Specifications Institute (CSI) format for the Divisions 2-16 specifications required for the construction plans. THEA will be responsible for all “front-end” bid package documents such as General Conditions, Construction Contracts, and Division 1 Specifications, etc.
- CGA and DRMP will submit a complete set of all 90% plans to THEA Staff for review and comment relative to compliance with THEA’s directive. The plan set will be submitted via hardcopy sized at 24x36” sheets and via PDF via a downloadable link. It is anticipated that THEA will provide comments within a reasonable timeframe.
- THEA’s Project Manager will provide a consolidated list of THEA comments to be incorporated into the final design documents. CGA will review and incorporate input received from THEA as a basis for developing the final design documents.
- CGA will meet with THEA Project Manager to review the consolidated comments and to determine the approach for incorporation, if applicable.
- **Task 4: Final Permitting**
 - CGA and DRMP will conduct the necessary permitting processes with any Agency Having Jurisdiction (AHJ) in order to secure permits for the project.
- **Task 5: Sign-off**
 - At the completion of the Design Development Phase, THEA shall be required to issue a Notice to Proceed to advance to the Final Bid Construction Documents Phase

FINAL BID CONSTRUCTION DOCUMENTS (BD) PHASE

- **Task 1: 100% Construction Drawings**
 - CGA will incorporate comments and agreed-upon resolutions from THEA’s review of the 90% construction drawings and the comments from the review meeting into the final 100% construction drawings. It is anticipated that comments or directives for revisions will be completed and the scope to develop the design drawings shall be considered finalized. Any additional or subsequent submittals of the design plans shall be made under a separate

- Additional Services Agreement. The drawings will be prepared with industry-accepted guidelines to produce construction drawings on 24x36" sheets at appropriate scales. Final 100% Construction Drawings will be sealed by Florida Registered Professional Landscape Architect or a Professional Engineer, as appropriate. Surveys for permitting, signed and sealed by a Florida Registered Surveyor, will also be provided.
- Final Cost of Opinion: The opinion of probable construction cost will be finalized and submitted with the final submittal package.
 - Final Technical Specifications: The CGA and DRMP Team will finalize the Technical Specifications to reflect construction and installation specifications for all planned components, particularly with an attention to criteria necessary to address. THEA will be responsible for all "front-end" bid package documents such as General Conditions, Construction Contracts, and Division 1 Specifications, etc.
- **Task 2: Sign-off**
 - At the completion of the Final Bid Construction Documents Phase, THEA shall be required to issue an acceptance letter to finalize this phase.

ASSUMPTIONS AND EXCLUSIONS

- **Assumptions**
 - The only services included in this contract are those identifies above. No other Services are included in this contract, nor shall they be inferred to be included.
 - No offsite improvements are included in this scope.
 - It is assumed that the existing offsite water, sewer, and drainage systems can accommodate the proposed park improvements therefore no upsizing of existing offsite utilities is included in this scope. No sanitary sewer lift stations are included.
 - CGA assumes no responsibility for the accuracy of the information provided by THEA, FDOT or other entities at the behest of THEA.
 - CGA will include proportional mark-ups, expressed as contingencies, in the provision of all cost estimates. Fluctuations in market costs for unit values will occur and are expected. Where fluctuations in unit costs for labor, materials or components exceed a 10% increase for any direct or indirect reason beyond CGA's control, they shall not constitute grounds for requiring a redesign at CGA's expense.
- **Exclusions**
 - Environmental services associated with or related to the Mangrove clearing and permitting or any other environmental permits.
 - Structural Engineering services are not included in the scope of services but can be added as an additional service to this contract.
 - Electrical Engineering services, beyond those expressly stated, are not included in the scope of services but can be added as an additional service to this contract.
 - Coordination or processing through any agency other than THEA for funding purposes.
 - Presentation materials beyond those listed in the scope. CGA will prepare presentation materials for required approvals and will share work-in-progress with the Client during project coordination meetings.
 - Meetings and presentations beyond those listed in the scope.
 - Physical models or 3d models.
 - Professional Renderings or Animations.
 - Operations and Maintenance Planning, other than those included as part of project Close-out.

- Art and programming planning and curation.
- Security design and consulting.
- Waterproofing engineering.
- Construction As-built drawing preparation. Consultant to review As-built drawings prepared by others.
- Design mock-ups; Consultant to review and approve design mockups by others if conducted.
- Client initiated changes necessitated by a change on a previous instruction or approval given by the Client or a material change in the Project including, but not limited to size, quality, complexity, schedule, budget of work resulting on an increase of the scope, or procurement or delivery method. CGA and their Subconsultant's are responsible for revisions associated with authorized Change Orders in response to errors and omissions by CGA and their Subconsultant's or Change Orders related to minor changes in work that are consistent with the intent of the Contract Documents. Change Orders will not be stand-alone packages. Where appropriate, Change Orders can be submitted as official sketches without revising official Contract Documents.
- Any work that extends beyond the schedule and timeframe for delays beyond the control of the Consultant, not including delays resulting from "Acts of God".
- Any work that is incurred because of Client directed changes in decisions once prior approvals have been made during the Design Phases of the project.
- All Electrical Engineering. Lighting design assumes market available off-the-shelf fixtures or off-the-shelf fixtures with some custom features. The design and engineering of custom fixtures is excluded.
- Any related design for the water features. Water feature designs by others.
- Archeological evaluations.
- Environmental contamination evaluations.
- Any work associated with LEED certification or Sustainable SITES.
- Electrical and utilities connections design for buildings affected by the undergrounding of the existing overhead utilities. (FPL, Comcast, AT&T, etc.)
- Any utility work required such as water, sewer, force main or reclaimed systems
- Off-site roadway improvements including deceleration and turning lanes if required
- Permitting to agencies, or permits, other than those stated herein
- Directional drill and/or jack and bore design
- Electrical engineering in support of site lighting plans.
- Site landscape plans other than nominal indications of plantings
- Transportation studies, engineering, or design
- Requests from FEMA for offsite evaluations of the impacts to include LOMR and CLO MAR development
- Maintenance of traffic design
- Bidding assistance
- Hardscape, walls, and structural design
- Assist in negotiating change orders (additional work/time and cost changes) with the contractor
- Additional agency Requests for Information (RAI) beyond those described above
- Additional meetings and negotiations beyond those specifically addressed
- Geotechnical and Environmental services to include but not limited to endangered species, wetland delineation, etc.

REIMBURSABLE EXPENSES:

CGA and its consultants will be reimbursed for the printing of drawings and specifications, fees paid for securing approval of authorities having jurisdiction over the project, renderings, models and mock-ups, as required by the THEA by providing advanced notice in writing and receiving written approval from the THEA Project Manager. Reimbursable expenses and sub-consultant invoices will be billed directly to THEA at a multiplier of 1.00.

PROFESSIONAL FEES:

THEA West Gandy Parkway - Hourly Breakdown

Task Description	Associate Landscape Architect	Landscape Architect	Landscape CADD Technician	Landscape Designer	Senior Landscape Architect	Associate Construction	Total Hours	Cost by Task
	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
	Landscape Architecture - CORE Design Team					QA/QC		
Totals by Department	\$0.00					\$0.00		\$0.00
Totals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	533.00	\$ -
General Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	71.00	\$ -
Task 1: Project Management	8.00	24.00					32.00	\$ -
Task 2: Quality Assurance / Quality Control (QA/QC)	8.00	8.00				8.00	24.00	\$ -
Task 3: Bi-weekly Progress Meetings	5.00	5.00	5.00				15.00	\$ -
Foundation Data-Collection (FD) Phase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	28.00	\$ -
Task 1: Project Kick-off Meeting	1.00	1.00	1.00				3.00	\$ -
Task 2: Survey							0.00	\$ -
Sub-task: Tree Survey (via Sub-Consultant)							0.00	\$ -
Sub-task: Arborist Tree Evaluations	4.00		4.00				8.00	\$ -
Task 3: Utility Coordination		1.00	2.00				3.00	\$ -
Task 4: Design-relevant Data Collection		2.00	4.00				6.00	\$ -
Task 5: Final Base-map Development		1.00	4.00				5.00	\$ -
Task 6: Conference with City Staff on Final Findings	1.00	1.00	1.00				3.00	\$ -
Conceptual Design (CD) Phase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	101.00	\$ -
Task 1: Development of Design Brief Memorandum		3.00	6.00				9.00	\$ -
Task 2: Site Utilization and Programming Strategy		1.00	2.00				3.00	\$ -
Task 3: Draft Conceptual Design		16.00	48.00				64.00	\$ -
Task 4: Public Outreach Meeting - Conceptual Plan	2.00	2.00	2.00				6.00	\$ -
Task 5: Final Conceptual Design and Approval Milestone		4.00	12.00				16.00	\$ -
Task 6: Sign-off	1.00	1.00	1.00				3.00	\$ -
Schematic Design (SD) Phase (30% Plans)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	98.00	\$ -
Task 1: Post-Approval and Design Directive Meeting	1.00	1.00	1.00				3.00	\$ -
Task 2: Pre-Application Meetings with Permitting Agencies	1.00	2.00					3.00	\$ -
Task 3: Geotechnical Engineering Analysis (via Sub-consultant)							0.00	\$ -
Task 4: Sub-surface Investigation (via Sub-consultant)							0.00	\$ -
Task 5: Development of Schematic Design Plans (30%-level)	2.00	20.00	40.00			8.00	70.00	\$ -
Task 6: Schematic Design & Site Plan Approval Milestone (CC)		4.00	12.00				16.00	\$ -
Task 7: Sign-off	2.00	2.00	2.00				6.00	\$ -
Design Development (DD) Phase (60-90% Plans)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	205.00	\$ -
Task 1: Development of 60% Design Development Plans	2.00	20.00	40.00			8.00	70.00	\$ -
Task 2: Preliminary Permitting		12.00	16.00				28.00	\$ -
Task 3: Development of 90% Design Development Plans	2.00	20.00	40.00			8.00	70.00	\$ -
Task 4: Final Permitting		12.00	16.00				28.00	\$ -
Task 5: Sign-off	3.00	3.00	3.00				9.00	\$ -
Final Bid Construction Documents (BD) Phase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	30.00	\$ -
Task 1: 100% Construction Drawings and Specifications		12.00	16.00				28.00	\$ -
Task 2: Sign-off	1.00	1.00					2.00	\$ -
Bidding and Awarding Services (AS) Phase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0.00	\$ -
Not Included							0.00	\$ -
Sub-Consultants								\$ -
DRMP (Civil and Electrical)								\$ -
DRMP (Survey)								\$ -
DRMP (SUE)								\$ -
TSF Geo (Geotechnical)								\$ -

PRINCIPALS

Lawrence L. Smith, Jr.
Wayne D. Chalifoux
Donaldson K. Barton, Jr.
Glenn J. Lusink
Jon S. Meadows
Mark D. Prochak
Mark E. Puckett

DRMP Project #: 20-0547.OMK

August 28, 2020

Tammy D. Cook-Weedon, PLA, LEED AP BD+C
Director of Landscape Architecture
Calvin, Giordano & Associates, Inc.
1800 Eller Drive, Suite 600
Fort Lauderdale, Florida 33316
tammyC@cgasolutions.com

Subject: Gandy Park Project – Civil Engineering & Permitting Services

Dear Ms. Cook-Weedon,

DRMP, Inc. (DRMP) is pleased to provide Calvin, Giordano & Associates, Inc. (the Client) the following proposal for professional civil engineering and permitting services related the multi-use trail located at the eastern end of the Gandy Bridge in front of the Marine Corps Amphibious training center.

PROJECT UNDERSTANDING

DRMP understands the Client intends to design and permit $\pm 4,600$ linear feet of ± 12 -foot-wide multi-use trail with up to 4 special emphasis crosswalk crossings and early warning signage (north and south) at the below bridge crossing. Reference Exhibit "C" for location of the below bridge cross location.

SCOPE OF SERVICES

We have developed the following task-oriented scope of services based on our understanding of the project's site plan development and permitting process. The end result of this project will be a fully permitted and approved plans suitable for construction. To that end, DRMP's scope of services will include the following tasks:

TASK I MULTI-USE TRAIL PLANS PREPARATION

DRMP will work with the Client to develop the preliminary layout of the multi-use trail. Once the Client has completed the trail alignment it will be sent to DRMP in CAD for DRMP complete 60% construction drawings from the Client provided CAD file. This will be an iterative process that balances the needs of the Client with constraints present on the site. The preliminary multi-use trail alignment and plans will be submitted to the Client at 60%, 90% and 100% plans completion for review and comment. The scope of this task includes up to two (2) reviews and revisions based on comments from the Client.

Revised Exhibit C is a revised alignment to be considered in coordinated design with CGA and DRMP. The Phase I route is depicted as an Orange line from the northern terminus of the existing multi-use trail at the eastern edge of the Marine Corps Training Center. The southern side of the multi-use trail can terminate at the back of the existing site contractor office trailers or an additional section can be designed to continue past the contractors fenced service yard. The final alignment ending point for DRMP design concerns will be either of the two locations shown in Exhibit C.

Once a preliminary site plan is approved by the Client, DRMP will begin to create a construction document plan for the multi-use trail alignment

OFFICES

Ashboro, North Carolina
Boca Raton, Florida
Cary, North Carolina
Charlotte, North Carolina
Chipley, Florida
DeLand, Florida
Fort Myers, Florida
Gainesville, Florida
Jacksonville, Florida
Lakeland, Florida
Melbourne, Florida
Orlando, Florida
Panama City Beach, Florida
Pensacola, Florida
Stockbridge, Georgia
Tallahassee, Florida
Tampa, Florida
Troutman, North Carolina



Items included in the Site Development Plan submittal package are:

- **Cover Sheet** – Per standard practice
- **General Notes** – Per standard practice
- **Existing Conditions & Demolition Plan** – Sheet will illustrate the extent of the project along with erosion control measurements for the SWPPP. The sheet will be based upon a site survey performed under a separate task order.
- **Quantity Sheet** – Per standard practice
- **Site Plan** – Sheet will detail multi-use trail area with callouts necessary to fully describe the multi-use trail alignment.
- **Paving, Grading and Drainage Plan** – Sheet will depict spot grading along the multi-use trail demonstrating meeting the requirements for ADA, County and FDOT requirements. The intent is for plan view only. A profile view is not included in this fee proposal.
- **Typical Section Plan** – Sheet will show cross section of the trail in strategic locations demonstrating how to construct the multi-use trail and to show compliance with ADA, County and FDOT standards.
- **Stormwater Pollution Prevention Plan** – Sheet will include pertinent drainage, erosion, and sediment control information for the construction of the project.
- **Civil Construction Details** – Site development details typical for Florida and for projects within Hillsborough County for items specified on the plans.
- **Provide an Engineer's Construction Cost Estimate at 100% submittal**

We will submit electronically to the Client the 60%, 90% and 100% plans with a response to comments document.

TASK II UNDER BRIDGE MULTI-USE TRAIL LIGHTING

The scope of services covers engineering and design for the under-bridge lighting for the Gandy Park Multi-Use trail.

- The lighting design shall include new fixtures selections for the under-bridge illumination, photometric calculations, circuiting, and controls. The illuminated area of the trail shall extend approximately 300' where the trail crosses under Gandy Blvd.
- The electrical power source for the multi-use trail lighting shall be at the restroom building on the north side of the bridges. Electrical conditions shall be verified to confirm electrical service for the new lighting circuit (s). any available electrical plans from the Client shall be provided to DRMP.
- AUTOCADD civil site plan shall be provided to the electrical engineer for design purposes.
- Specifications as required shall be provide in book form.

TASK III HILLSBOROUGH COUNTY PERMITTING

The scope of this task is to conduct/coordinate permitting of the multi-use trail plans with Hillsborough County. The task includes up to 3 resubmittals to Hillsborough County.



TASK IV SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT (SWFWMD) PERMITTING

DRMP will submit the approved multi-use trail plans to SWFWMD for an initial pre-application meeting. The intent of the meeting is to acquire a coordinated understanding that no additional stormwater treatment measures will be required other than what will be shown on the preliminary multi-use trail plans presented for the pre-application meeting. DRMP will meet with SWFWMD for a pre-application meeting at the District office and will address recommendations made at the meeting and incorporate into the multi-use plan set. An additional fee may be required if SWFWMD requires a full ERP for the multi-use trail project.

TASK IV FDOT PERMITTING

The scope of this task is to conduct/coordinate permitting of the multi-use trail plans with FDOT. This task includes up to 3 resubmittals.

POTENTIAL ADDITIONAL SERVICES ITEM

DRMP can perform structural engineering services along with electrical engineering services if required. The need for structural engineering services at this time do not appear to be an item that would be considered in the current scope of service. In the event that it is required, DRMP will be able to perform any structural services required for the multi-use trail.

The need for electrical engineering has not been noted in the scope of services. In the event that site/trail lighting is requested DRMP, will be able to perform the needed lighting plans once coordinated with the Client.

TERMS AND CONDITIONS

EXCLUDED SERVICES (Not part of this Contract)

If the Client desires to change or expand upon the above services, an additional fee shall be negotiated. This renegotiation shall be accomplished prior to further work on the project. Renegotiation may be required for the following reasons:

- Any utility work required such as water, sewer, forcemain or reclaimed systems
- Offsite roadway improvements including decel and turning lanes if required
- Permitting to agencies, or permits, other than those stated herein
- Directional drill and/or jack and bore design
- Electrical engineering in support of site lighting plans. It is assumed any necessary lighting will be included in the construction plans for the new building.
- Site landscape plans other than nominal indications of plantings
- Transportation studies, engineering, or design
- Requests from FEMA for offsite evaluations of the impacts to include LOMR and CLOMAR development
- Maintenance of traffic design
- Bidding assistance
- Hardscape, walls, and structural design



- Assist in negotiating change orders (additional work/time and cost changes) with the contractor
- Additional agency Requests for Information (RAI) beyond those described above
- Additional meetings and negotiations beyond those specifically addressed
- Geotechnical and Environmental services to include but not limited to endangered species, wetland delimitation, etc.

SCHEDULE

DRMP is available to commence work immediately upon receipt of a notice to proceed (NTP) and will coordinate with the Client on a final schedule showing the projected tasks and milestones to accomplish the work.

COMPENSATION SUMMARY AND TERMS

The following summarizes the fees and billing terms as proposed by DRMP for the Scope of Services as presented herein:

Fee Schedule		
	Scope of Service Task	Terms
I	Multi-Use Trail Plans Preparation	Lump Sum
II	Under Bridge Multi Use Trail Lighting	Lump sum
II	Hillsborough County Permitting	Lump Sum
III	SWFWMD Permitting	Lump Sum
IV	FDOT Permitting	Lump Sum
Total		

The above fees for the Scope of Services total _____ and will be performed per the terms stated above.

A Direct Reimbursable fee for this project is to allocate a fee to cover direct expenses and production costs, which will be billed at cost to the Client. Direct expenses under this task include, but are not limited to, duplication of plans and reports, plans print, travel mileage. Permitting fees are not included in this fee and are the responsibility of the Client. Should expenses for this work effort exceed the estimated amount, the Client will be notified, and the limit will be increased.

Additional services or meetings, other than described above, upon request of the Client will be invoiced hourly, consistent with Exhibits "A" and "B". The attached Exhibits "A" and "B" are hereby incorporated into this letter of agreement.

ACCEPTANCE

Your acceptance of this proposal may be indicated by signing in the space provided at the end of the proposal. The authorized proposal will serve as the basis of your authorization and our contractual agreement to proceed with the scope of services outlined in this proposal. We appreciate the opportunity to provide you with this proposal. Should you have any questions regarding the contents of this proposal or if we can be of further assistance in any way, please do not hesitate to contact us at your convenience.



This Scope of Services and Fee Schedule are hereby submitted by:

DRMP, Inc.

A handwritten signature in blue ink, appearing to read 'Donald C. Bieger', is written over a horizontal line.

Donald C. Bieger, P.E.
General Civil Division Manager

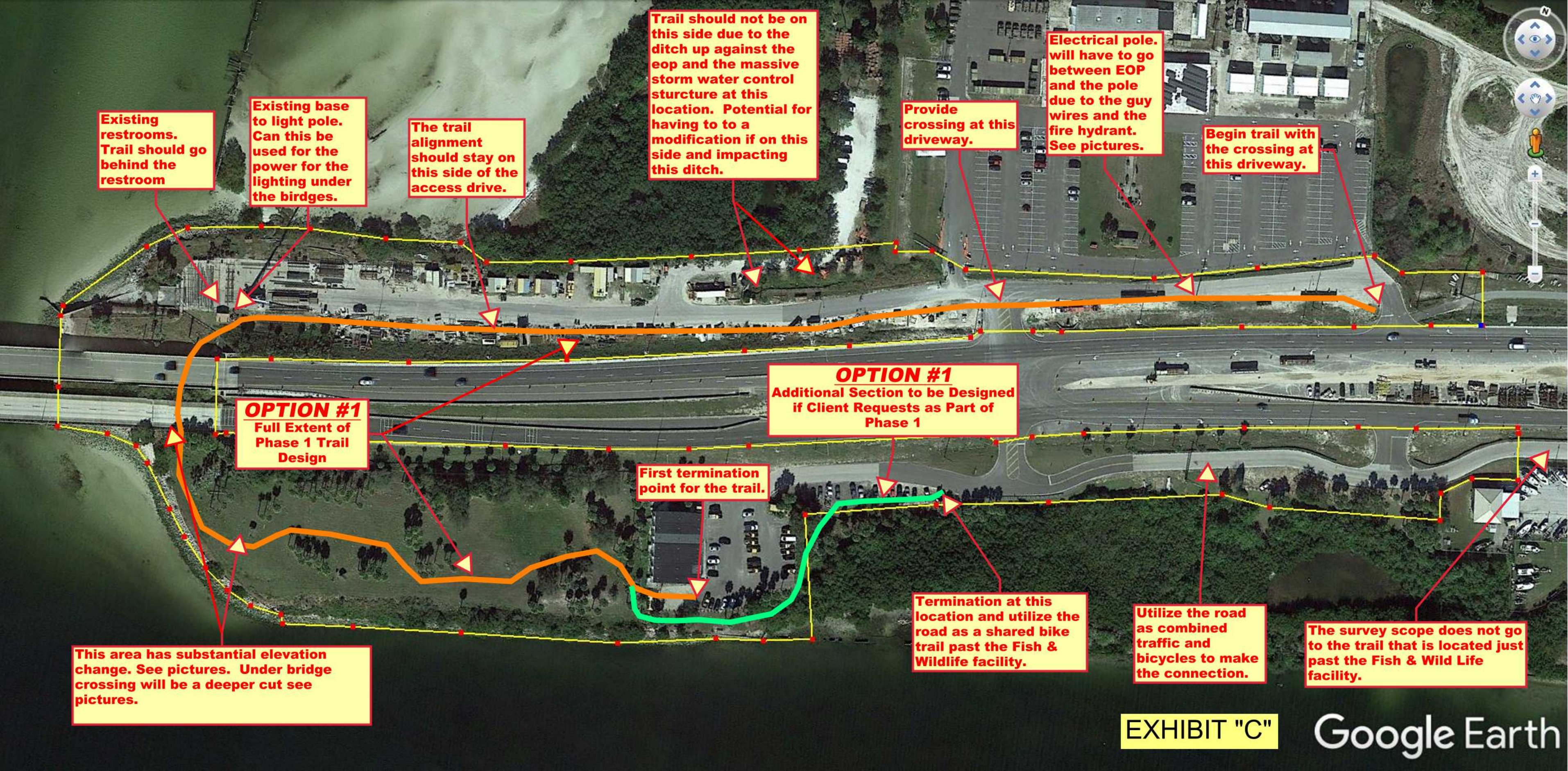
8/14/2020

This Scope of Services and Fee Schedule as authorized above is hereby accepted by:

<print and sign>

Date

Attachment(s): Exhibit "A" - Hourly Rate Schedule
 Exhibit "B" - Conditions of Agreement
 Exhibit "C" - Site Exhibit



Existing restrooms. Trail should go behind the restroom

Existing base to light pole. Can this be used for the power for the lighting under the birdges.

The trail alignment should stay on this side of the access drive.

Trail should not be on this side due to the ditch up against the eop and the massive storm water control sturcture at this location. Potential for having to to a modification if on this side and impacting this ditch.

Provide crossing at this driveway.

Electrical pole. will have to go between EOP and the pole due to the guy wires and the fire hydrant. See pictures.

Begin trail with the crossing at this driveway.

OPTION #1
Full Extent of Phase 1 Trail Design

OPTION #1
Additional Section to be Designed if Client Requests as Part of Phase 1

First termination point for the trail.

This area has substantial elevation change. See pictures. Under bridge crossing will be a deeper cut see pictures.

Termination at this location and utilize the road as a shared bike trail past the Fish & Wildlife facility.

Utilize the road as combined traffic and bicycles to make the connection.

The survey scope does not go to the trail that is located just past the Fish & Wild Life facility.

THEA Gandy Park Multi-Use Trail
Manhour Breakdown

	PROJECT MANAGER	QA/QC MANAGER	PROJECT ENGINEER	SENIOR CADD TECH	ENGINEER INTERN	AST. PROJECT MANAGER	DRAINAGE ENGINEER	ELECTRICAL PM	ELECTRICAL TECHNICIAN	ELECTRICAL ENGINEER	ADMIN	Total Hours	TOTAL Fee
Personnel	D. Bieger	D. Lowe	L. Valentine	D. Carleton	Q. Geddes	J. Gonzalez	Keenan F.	J. Highland	B. Beaver	B. Chigurupati	J. Jagmohan		
Labor Rates													
60% Plans Preparation													
Coordination with Client / Surveyor / Geotech	4		6									10	
Base Plan	3		8	15								26	
Sheet 1 - Cover	2		3	6								11	
Sheet 2- General Notes	2		1	4								7	
Sheet 3 - Existing Conditions / Demolition Sheet	2		2	10								14	
Sheets 4 Quantitiy Sheet	2		4	10	5		5					26	
Sheet 5 Site Plan Sheet	3		15	20		3	5					46	
Sheets 6 Paving Grading and Drainag	4		15	15			5					39	
Sheet 7 - Typical Section Sheet	1		6	15	10		5					37	
Sheet 8 - Signage and Marking Sheet	1		8	15	5	3						32	
Sheet 9 - Stormwater Polution Prevention Sheet			15	5	5	5	5					35	
Sheet 10 - Civil Construction Details													
SUBTOTAL 60%	24	0	83	115	25	11	25				0	283	
90% Plans Preparation													
Coordination with Client / Surveyor / Geotech	1		0									1	
Base Plan	1		1	1								3	
Sheet 1 - Cover	0.5		1	1								2.5	
Sheet 2- General Notes	0.5		1	0.5								2	
Sheet 3 - Existing Conditions / Demolition Sheet	0.5		1	1								2.5	
Sheets 4 Quantitiy Sheet	0.5		2	2	2		4					10.5	
Sheet 5 Site Plan Sheet	0.5		4	3		1	2					10.5	
Sheets 6 Paving Grading and Drainag	0.5		3	2	4	2	4					15.5	
Sheet 7 - Typical Section Sheet	0.5		4	2	0	1	2					9.5	
Sheet 8 - Signage and Marking Sheet	0.5		2	2	5	2	1					12.5	
Sheet 9 - Stormwater Polution Prevention Sheet			2	2	5	2	2					13	
Sheet 10 - Civil Construction Details													
SUBTOTAL 90%	6	0	21	16.5	16	8	15				0	82.5	
100% Plans Preparation													
Coordination with Client / Surveyor / Geotech												0	
Base Plan				2								2	
Sheet 1 - Cover	0.5		1	0.5								2	
Sheet 2- General Notes	0.5		1	0.5								2	
Sheet 3 - Existing Conditions / Demolition Sheet	0.5		1	1								2.5	
Sheets 4 Quantitiy Sheet	0.5		2	2	1							5.5	
Sheet 5 Site Plan Sheet	0.5		4	2		1						7.5	
Sheets 6 Paving Grading and Drainag	0.5		4	2	1	1						8.5	
Sheet 7 - Typical Section Sheet	0.5		2	2	1	1						6.5	
Sheet 8 - Signage and Marking Sheet	0.5		1	2	1	1						5.5	
Sheet 9 - Stormwater Polution Prevention Sheet			1	2		1						4	
Sheet 10 - Civil Construction Details													
SUBTOTAL 100%	4	0	17	16	4	5	0				0	46	
QAQC 5% of Plans Set													
Administrative Work (PCF, LOT, Letters, etc.)											5	5	
Printing, Stamping, Preparing Submittals												0	
SUBTOTAL CONSTRUCTION PLAN	34	0	121	147.5	45	24	40				5	416.5	

THEA Gandy Park Multi-Use Trail
Manhour Breakdown

	PROJECT MANAGER	QA/QC MANAGER	PROJECT ENGINEER	SENIOR CADD TECH	ENGINEER INTERN	AST. PROJECT MANAGER	DRAINAGE ENGINEER	ELECTRICAL PM	ELECTRICAL TECHNICIAN	ELECTRICAL ENGINEER	ADMIN	Total Hours	TOTAL Fee	
Personnel	D. Bieger	D. Lowe	L. Valentine	D. Carleton	Q. Geddes	J. Gonzalez	Keenan F.	J. Highland	B. Beaver	B. Chigurupati	J. Jagmohan			
Labor Rates														
PERMITTING														
Hillsborough County Permitting / including meetings	5		40	15	5	12	5							
SWFWMD Pre-App meeting	15		20	15			3							
FDOT Permitting Process / including meetings	5		40	15	5	12	5							
SUBTOTAL PERMITTING	25	0	100	45	10	24	13				0	217		
QA/QC														
Administrative Work (PCF, LOT, Letters, QA/QC Forms, etc.)												0		
Meetings and Travel Time												0		
Printing, Stamping, Preparing Submittals												0		
SUBTOTAL QA/QC SUBMITTALS	0	0	0	0	0	0	0				0	0		
LIGHTING														
Trial Lighting Design Drawings								15	35	20		70		
Electrical Coordination Time								5	2	15		22		
Specifications								3	10	5		18		
RFI Coordination								2	2	10		14		
SUBTOTAL CONSTRUCTION OVERSIGHT	0	0	0	0	0	0	0	25	49	50	0	124		
PROJECT CLOSEOUT														
Prepare Record Drawings														
QAQC														
Administrative Work (PCF, LOT, Letters, etc.)														
Meetings and Travel Time														
Printing, Stamping, Preparing Submittals														
SUBTOTAL PROJECT CLOSEOUT	0	0	0	0	0	0	0				0	0		
PROJECT COORDINATION														
Prepare Record Drawings														
SUBTOTAL PROJECT COORDINATION	0	0	0	0	0	0	0				0	0		
TOTAL HOURS AND FEE	59	0	221	192.5	55	48	53	25	49	50	5	757.5		

PRINCIPALS

Lawrence L. Smith, Jr.
Wayne D. Chalifoux
Donaldson K. Barton, Jr.
Glenn J. Lusink
Jon S. Meadows
Mark D. Prochak
Mark E. Puckett

August 10, 2020

DRMP Job #: 20-0547.0MK**SENT VIA EMAIL:** TammyC@cgasolutions.com

Tammy D. Cook-Weedon, PLA, LEED AP BD+C
Director of Landscape Architecture
Calvin, Giordano & Associates, Inc.
1800 Eller Drive, Suite 600
Fort Lauderdale, Florida 33316

Subject: Gandy Park Project – Survey and SUE Services

Dear Ms. Cook-Weedon,

DRMP, Inc. is submitting the following proposal for Surveying Services on the above referenced project.

SCOPE OF SERVICES**TASK I TOPOGRAPHIC SURVEY**

DRMP will provide a topographic survey to support the proposed improvements to Gandy Park. The survey limits will include areas north and south of Gandy Boulevard as detailed in the attached exhibit. This survey shall include:

- Existing visible improvements, including above-ground utilities
- Ground shots sufficient to create 1-foot contours of the project site
- Trees greater than 2" in diameter with 3 ground elevations ~8 feet from each tree
- Mean high-water line and mean low-water line
- Minor bridge survey to depict footprint and obtain lowest member elevations

This task does not include location of construction equipment or temporary construction trailers.

DRMP will establish elevations in the North American Vertical Datum of 1988 (NAVD88) and set a minimum of two (2) on-site benchmarks. Horizontal control will be established in the North American Datum of 1983, 2011 adjustment (NAD83,11) and projected onto the Florida State Plane Coordinate System. The survey will be prepared in accordance with the State of Florida Standards of Practice, as set forth by the Board of Professional Surveyors and Mappers, Chapter 5J-17, Florida Administrative Code, per Section 472.027, Florida Statutes. Deliverables will include a digital copy of the survey in a Civil 3D .dwg file format. Paper copies of the survey will be available upon request.

DRMP's Task I Fee:**TASK II SUBSURFACE UTILITY ENGINEERING**

DRMP will provide Quality Level A (test holes / utility locates) Subsurface Utility Engineering (SUE) services for the above referenced project. Test holes will be performed using vacuum excavation equipment to expose and record the vertical and horizontal location of the underground utility. The depth of the utility from existing grade and its estimated size and material will also be recorded. The test hole is backfilled with the material removed, and the surface restored to its previous condition. In

OFFICES

Ashieboro, North Carolina
Boca Raton, Florida
Cary, North Carolina
Charlotte, North Carolina
Chipley, Florida
DeLand, Florida
Fort Myers, Florida
Gainesville, Florida
Jacksonville, Florida
Lakeland, Florida
Melbourne, Florida
Orlando, Florida
Panama City Beach, Florida
Pensacola, Florida
Stockbridge, Georgia
Tallahassee, Florida
Tampa, Florida
Troutman, North Carolina



pavement, the test hole is repaired with cold patch bituminous material. A survey marker is installed directly over the centerline of the utility system at grade. The location of the marker is recorded with a minimum of three swing ties to existing features. Finally, a test hole report is prepared summarizing the above information. The SUE services will be performed in accordance with the Underground Facility Damage Prevention and Safety Act, Chapter 556, Florida Statutes. All work shall conform to ASCE C-1 38 -02 utilizing quality level A.

Includes field mobilization, office technical and administrative support, and project supervision for up to two (2) field days of Quality Level A SUE support.

DRMP's Task II Fee:

SCHEDULE

DRMP will begin work on the subject property within seven (7) working days after receipt of your executed Notice to Proceed (NTP). Proposed fee and schedule shown hereon is valid for up to 45 days from the date of receipt.

COMPENSATION SUMMARY AND TERMS

The following summarizes the fees and billing terms as proposed by DRMP for the Scope of Services as presented herein. All additional meetings as requested by the Client will be invoiced hourly.

We sincerely appreciate this opportunity to provide professional services for this project. If you have any questions regarding this proposal, please contact our office.

Sincerely,
DRMP, Inc.

A handwritten signature in blue ink that reads "Christopher Wild".

Christopher Wild, PSM
Survey Manager

8/10/2020

Date



ESTIMATED WORK EFFORT FOR FIELD SURVEY

DRMP # 20-0547.000

For THEA through Calvin, Giordano & Associates, Inc.

Description: Gandy Park Project - Topographic Survey

ACTIVITY	FIELD CREW DAYS			OFFICE HOURS			TOTAL	COMMENTS
	2 Person	3 Person	4 Person	Sr. PSM	PSM	TECH		
Horizontal Project Control		0.5		-	2	2	4	RTK GPS Observations on a pair project control points, locations from local NGS Control
Vertical Project Control		0.5		-	2	2	4	Level from G 3 Reset through project control and close into 872 6641 F
Topography / DTM		10.0		-	13	40	53	Locate above-ground improvements, including utilities, trees, with DBH of 2" or larger, locate 3 ground shots around each tree, and storm drainage. Temporary constructions equipment and appliances need not be located.
Field Review / Edit				-	4	5	9	Quality Control Field Review by PSM, Cadd edits by tech
Bridge Data Survey		0.5		-	1	3	4	Locate the bridge deck and obtain vertical clearances underneath
Tide Survey		0.5		-	3	3	6	Obtain the low, high, and mean water lines,
Work Zone Safety				N/A	N/A	N/A		Included in field time above
TOTALS		12.0			25.0	55.0	80.0	



ESTIMATED WORK EFFORT FOR FIELD SURVEY

DRMP # 20-0547.000

For THEA through Calvin, Giordano & Associates, Inc.

Description: Gandy Park Project - Subsurface Utility Engineering

ACTIVITY	FIELD CREW DAYS			OFFICE HOURS			TOTAL	COMMENTS
	1 Person	2 Person	3 Person	SUE PM	SR. TECH	TECH		
Pre-field research & coordination				3				Utility info research; one-call ticket(s); project control and EOR coordination
Utility Locates (Quality Level A)		2.0			5	1	6	Test holes for utility conflict resolution per EOR
Quality Control				2		1	1	Quality Control Review and edits
Work Zone Safety				N/A	N/A	N/A		Included in field time above
TOTALS		2.0		5.0	5.0	2.0	7.0	



August 11, 2020

Calvin, Giordano & Associates Inc.
1800 Eller Drive, Suite 600
Fort Lauderdale, FL 33316

Attn: Tammy Cook-Weedon

Re: **Scope and Fee Estimate for Geotechnical Services**
West Gandy Park
Tampa, Florida
TSF Project No.: 7511-20-270

As requested, **TSF** is pleased to submit this fee estimate for the above-referenced project. The estimate is based on information provided by Calvin, Giordano & Associates, Inc. It is our understanding that a pedestrian trail is proposed at the east side of the Gandy Bridge. The trail transverses the north and south side of Gandy Boulevard connected by a below grade crossing.

An outline of our proposed scope of work, an estimate of the total fees, and our anticipated schedule for completion of the work is provided herein.

PROPOSED SCOPE OF WORK

The proposed geotechnical scope of services, as coordinated with DRMP includes:

- Perform ten (10) 5-foot auger borings along the proposed trail alignment, at approximate intervals of 500 feet.
- Perform four (4) 5-foot auger borings and two (2) Double Ring Infiltrometer (DRI) tests at two potential swale locations. Two (2) borings and one (1) DRI test will be performed at each location.
- Collect four (4) bulk samples for Limerock Bearing Ratio test and determine the design value based on the 90% Method.

The borings will be approximately located in the field by our personnel by measuring distances with a tape from known reference points. Elevations at boring locations can be interpreted from topographic plans if furnished by others.

Prior to drilling at the project site, TSF will notify the local utility companies and request that underground utilities be marked. Our experience, however, is that the utility companies will not mark privately owned utilities. Our fee estimate assumes that private utility lines are located in the field by others prior to mobilization of the drill rig. **It is also assumed that the boring location will be accessible to a truck-mounted drill rig.**

Upon completion of the field exploration, laboratory testing will be performed on selected samples. A geotechnical engineer will evaluate the results of all drilling and laboratory testing. A report will be issued that contains geotechnical recommendations including design and construction considerations.

ESTIMATED FEES

It is proposed that the fee for the performance of the services outlined above be determined on a unit fee basis, and that the work be performed pursuant to the signed sub agreement. Our fees for the proposed scope of services will be . This estimated fee assumes that the site is readily accessible to our truck-mounted drilling equipment. Any bulldozer or wrecker services required to provide access pathways or mobility assistance to our truck-mounted drill rig are not included in the estimate.

Our estimate covers the work needed to present our findings and recommendations in a formal report. Not included are reviews of drawings, preparation of construction specifications, special conferences and any other work requested after submittal of our report.

SCHEDULE AND AUTHORIZATION

We will commence work within several days of notice to proceed (weather permitting and permit approval). The fieldwork is expected to take 3 days to complete. The written report will be submitted about 2 weeks after completion of the field exploration, depending on the extent of the laboratory-testing program. Verbal preliminary results can be made to appropriate parties prior to submittal of the written report.

We appreciate the opportunity to submit this proposal and look forward to working with you on this project. If you should have any questions concerning our proposal, please contact our office.

Respectfully submitted,
TIERRA SOUTH FLORIDA, INC.



Amy L. Guisinger, P.E.
Principal Engineer

Attachments: Fee Estimate
Staff Hour Estimate

TSF, INC.
FEE ESTIMATE

	Unit	# of Units	
I. FIELD INVESTIGATION			
Mobilization of Men and Equipment			
Truck-Mounted Equipment	Trip	1	\$
Support Vehicle	Trip	2	\$
Standard Penetration Test Borings (Land)			
0 - 50 ft depth	L.F.	60	\$
50 - 100 ft depth	L.F.	0	\$
Grout-Seal Boreholes (Land)			
0 - 50 ft depth	L.F.	60	\$
50 - 100 ft depth	L.F.	0	\$
Casing Allowance (Land)			
0 - 50 ft depth	L.F.	40	\$
50 - 100 ft depth	L.F.	0	\$
DRIT	Each	2	\$
Field Permeability Test, Open-End Borhole Method	Each	0	\$
Auger Boring	L.F.	70	\$
II LABORATORY TESTING			
Natural Moisture Content Tests	Test	10	\$
Grain-Size Analysis - Full Gradation	Test	10	\$
Grain-Size Analysis - Single Sieve	Test	0	\$
Atterberg Limits	Test	2	\$
Organic Content Tests	Test	2	\$
Environmental Tests (pH, sulfates, chlorides, resistivity)	Set	0	\$
LBR	Test	4	\$
III ENGINEERING AND TECHNICAL SERVICES			
Principal Engineer	Hour	1	\$
Senior Engineer 1	Hour	1	\$
Chief Engineer 2	Hour	1	\$
Engineer 2	Hour	38	\$
Engineering Intern	Hour	7	\$
CADD/Computer Technician	Hour	7	\$
Senior Engineering Technician	Hour	14	\$

35. Geotechnical

Estimator: A. Guisinger

West Gandy Park

0

Representing	Print Name	Signature / Date
THEA		
TSF		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
	Roadway					
35.1	Document Collection and Review	LS	1	1	1	
35.2	Develop Detailed Boring Location Plan	LS	1	2	2	
35.3	Stake Borings/Utility Clearance	Boring	16	0.2	3	2 SPT to 30 feet Underpass, 10 augers to 5 feet every 500 LF for trail, 4 augers to 5 feet for swales, and 2 DRI for swales
35.4	Muck Probing	Crew Day	0	4	0	
35.5	Coordinate and Develop MOT Plans for Field Investigation	EA	0	8	0	
35.6	Drilling Access Permits	Location	0	8	0	
35.7	Property Clearances	EA	0	0	0	
35.8	Groundwater Monitoring	EA	0	2	0	
35.9	LBR/Resilient Modulus Sampling	EA	1	4	4	4 LBR's for trail
35.10	Coordination of Field Work	100 lf of boring	1.3	2	3	
35.11	Soil and Rock Classification - Roadway	100 lf of boring	1.3	2	3	
35.12	Design LBR	LS	1	0	0	Only if LBR tests are required
35.13	Laboratory Data	100 lf of boring	1.3	2	3	
35.14	Seasonal High Water Table	Boring	16	0.1	2	
35.15	Parameters for Water Retention Areas	EA	0	0	0	
35.16	Delineate Limits of Unsuitable Material	Cross-section	0	1	0	
35.17	Electronic Files for Cross-Sections	100 lf of boring	1.3	2	3	
35.18	Embankment Settlement and Stability	Embankment Boring	2	4	8	Embankment at underpass
35.19	Monitor Existing Structures	LS	1	4	4	

35. Geotechnical

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
35.20	Stormwater Volume Recovery and/or Background Seepage Analysis	EA	0	0	0	
35.21	Geotechnical Recommendations	LS	1	8	8	
35.22	Pavement Condition Survey and Pavement Evaluation Report	LS	1	0	0	
35.23	Preliminary Roadway Report	LS	1	8	8	
35.24	Final Report	EA	1	0	0	
35.25	Auger Boring Drafting	100 lf of boring	0.5	4	2	
35.26	SPT Boring Drafting	100 lf of boring	0.6	5	3	
Roadway Geotechnical Subtotal					57	
Structures						
35.27	Develop Detailed Boring Location Plan	LS	1	0	0	
35.28	Stake Borings/Utility Clearance	Boring	0	0.5	0	
35.29	Coordinate and Develop MOT Plans for Field Investigation	EA	0	4	0	
35.30	Drilling Access Permits	Location	0	16	0	
35.31	Property Clearances	EA	0	0	0	
35.32	Collection of Corrosion Samples	EA	0	0	0	
35.33	Coordination of Field Work	100 lf of boring	0	1.5	0	
35.34	Soil and Rock Classification - Structures	100 lf of boring	0	2.5	0	
35.35	Tabulation of Laboratory Data	100 lf of boring	0	1	0	
35.36	Estimate Design Groundwater Level for Structures	EA	0	0	0	
35.37	Selection of Foundation Alternatives (BDR)	Bridge boring	0	5	0	
35.38	Detailed Analysis of Selected Foundation Alternate(s)	Bridge boring	0	8	0	
35.39	Bridge Construction and Testing Recommendations	Bridge boring	0	2	0	
35.40	Lateral Load Analysis (Optional)	Bridge boring	0	2	0	
35.41	Walls	Wall Boring	0	6	0	
35.42	Sheet Pile Wall Analysis (Optional)	Wall Boring	0	0	0	
35.43	Design Soil Parameters for Signs, Signals, High Mast Lights, and Strain Poles and Geotechnical Recommendations	Boring	0	0.5	0	

35. Geotechnical

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
35.44	Box Culvert Analysis	EA	0	0	0	
35.45	Preliminary Report - BDR	EA	0	28	0	
35.46	Final Report - Bridge and Associated Walls	EA	0	28	0	
35.47	Final Reports - Signs, Signals, Box Culvert, Walls and High Mast Lights	EA	0	14	0	
35.48	SPT Boring Drafting	100 lf of boring	0	5	0	
35.49	Other Geotechnical	LS	1	0	0	
Structural Geotechnical Subtotal					0	
Geotechnical Technical Subtotal					57	
35.50	Technical Special Provisions and Modified Special Provisions	EA	0	0	0	
35.51	Field Reviews	LS	1	4	4	
35.52	Technical Meetings	LS	1	0	0	Meetings listed below
35.53	Quality Assurance/Quality Control	LS	%	5%	3	
35.54	Supervision	LS	%	5%	3	
Geotechnical Nontechnical Subtotal					10	
35.55	Coordination	LS	%	3%	2	
35. Geotechnical Total					69	

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments	PM Attendance at Meeting Required?	Number
Kickoff Meeting with FDOT	EA	0	2	0			0
Boring Layout Approval	EA	0	1	0			0
Attend in BDR Review Meeting	EA	0	0	0			0
30/60/90% Submittal Review	EA	0	1	0			0
Other Meetings	EA	0	1	0			0
Subtotal Technical Meetings				0	Subtotal Project Manager Meetings		0
Progress Meetings (if required by FDOT)	EA	0	0	0	PM attendance at Progress Meetings is manually entered on General Task 3		--
Phase Review Meetings	EA	0	0	0	PM attendance at Phase Review Meetings is manually entered on General Task 3		--
Total Meetings				0	Total Project Manager Meetings (carries to Tab 3)		0

Carries to 33.18

Carries to Tab 3

Discussion/Action Items

Planning Committee

IV. B. 2.

Selmon East Slip Ramps- Fiscal Year Finding Shift

Purpose: Based on the analysis from the Selmon East PD&E process, THEA has identified operational improvements to the Selmon Expressway east of downtown prior to completing PD&E study that will allow THEA to utilize the existing capacity on the REL. These improvements include constructing slip ramps between the REL and general use lanes at I-4 and just west of I-75 at the I-4 Connector. The improvements will allow Selmon drivers to use the existing capacity on the REL and still access the Selmon Expressway west of Downtown, helping alleviate cut through trips in the Downtown. The design and construction phases for these improvements are currently programmed for Fiscal Years 23 and 24. Due to the successful bond issue, THEA can now move the design and construction phase to FY 21 and FY22, with procurement scheduled for Spring 2021.

Funding: \$145,000 from Capital Budget

Action: Approval of a change order to Kimley Horn & Associates contract for the Selmon East PD&E to provide additional services for the Selmon East Slip Ramps, which is part of the Selmon East PD&E study area, for an amount not to exceed a total of \$145,000 for the following tasks:

- Type 1 Categorical Exclusion (PD&E) Documentation - \$50,000
- Interchange Operational Analysis Report - \$50,000
- Potential Supplemental Survey - \$45,000

Final contract is subject to review and approval of THEA General Counsel.

**OPINION OF PROBABLE CONSTRUCTION COSTS
ACTUAL CONSTRUCTIONS COSTS WILL VARY
NEW WB REL RAMP TO WB LOCAL LANES (I-4 CONNECTOR) (RAMP 2)**

No.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
ROADWAY ITEMS					
1	MOBILIZATION	LS	1	\$ 555,160.00	\$ 555,160
2	MAINTENANCE OF TRAFFIC	LS	1	\$ 832,740.00	\$ 832,740
3	CLEARING AND GRUBBING	AC	1.7	\$ 17,000.00	\$ 28,900
4	REGULAR EXCAVATION	CY	1200	\$ 6.00	\$ 7,200
5	EMBANKMENT	CY	7300	\$ 20.00	\$ 146,000
6	TYPE B STABILIZATION 12" (MIN LBR 40)	SY	9200	\$ 5.00	\$ 46,000
7	OPTIONAL BASE, BASE GROUP 09	SY	9200	\$ 20.00	\$ 184,000
8	MILL EXISTING ASPHALT, 2"	SY	17000	\$ 4.00	\$ 68,000
9	SUPERPAVE ASPH CONC, TRAFFIC C	TN	4000	\$ 110.00	\$ 440,000
10	DRAINAGE	LS	1	\$ 300,000.00	\$ 300,000
11	BARRIER WALL	LF	5400	\$ 225.00	\$ 1,215,000
12	GUARDRAIL	LF	2500	\$ 25.00	\$ 62,500
13	ITS	LS	1	\$ 100,000.00	\$ 100,000
	RETAINING WALL	SF	6500	\$ 40.00	\$ 260,000
14	BRIDGE RECONSTRUCTION	SF	5200	\$ 220.00	\$ 1,144,000
15	SIGNING AND PAVEMENT MARKINGS	LS	1	\$ 1,550,000.00	\$ 1,550,000
					\$ 6,939,500
	CONTINGENCY (15%)	LS	1	\$ 1,040,925.00	\$ 693,950
					\$ 7,633,450

Because the Engineer does not control the cost of labor, materials, equipment or services furnished by others, methods of determining prices, or competitive bidding or market conditions, any opinions rendered as to costs, including but not limited to opinions as to the costs of construction and materials, shall be made on the basis of its experience and represent its judgment as an experienced and qualified professional, familiar with the industry.

The Engineer cannot and does not guarantee that proposals, bids or actual costs will not vary from its opinions of cost.

**OPINION OF PROBABLE CONSTRUCTION COSTS
ACTUAL CONSTRUCTIONS COSTS WILL VARY
NEW NB I-75 RAMP TO WB REL (RAMP 3)**

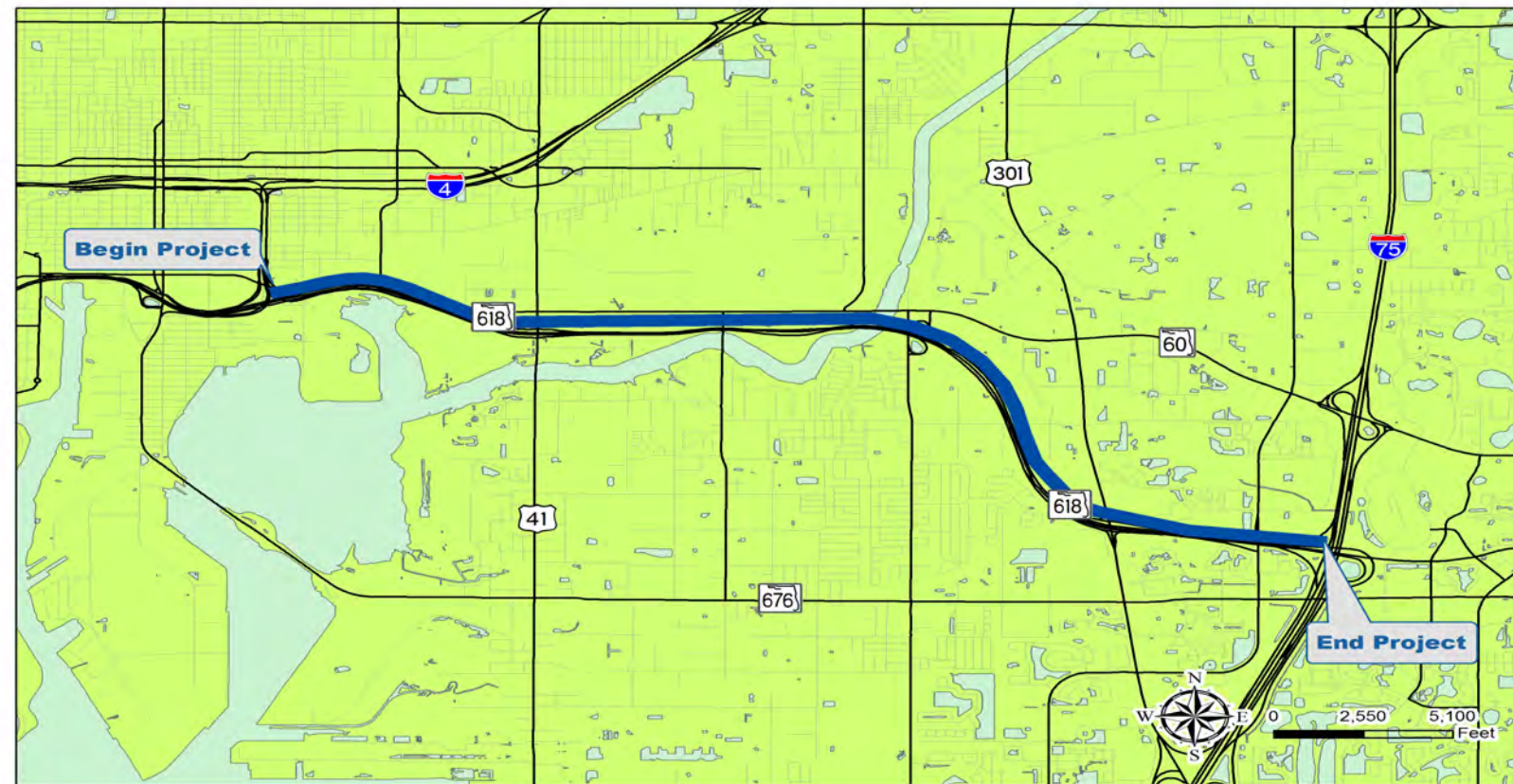
No.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
ROADWAY ITEMS					
1	MOBILIZATION	LS	1	\$ 416,040.00	\$ 416,040
2	MAINTENANCE OF TRAFFIC	LS	1	\$ 416,040.00	\$ 416,040
3	CLEARING AND GRUBBING	AC	3	\$ 17,000.00	\$ 51,000
4	REGULAR EXCAVATION	CY	2200	\$ 6.00	\$ 13,200
5	EMBANKMENT	CY	11700	\$ 20.00	\$ 234,000
6	TYPE B STABILIZATION 12" (MIN LBR 40)	SY	7000	\$ 5.00	\$ 35,000
7	OPTIONAL BASE, BASE GROUP 09	SY	7000	\$ 20.00	\$ 140,000
8	MILL EXISTING ASPHALT, 2"	SY	2800	\$ 4.00	\$ 11,200
9	SUPERPAVE ASPH CONC, TRAFFIC C	TN	1600	\$ 110.00	\$ 176,000
10	DRAINAGE	LS	1	\$ 200,000.00	\$ 200,000
11	BARRIER WALL	LF	3200	\$ 225.00	\$ 720,000
12	GUARDRAIL	LF	2000	\$ 25.00	\$ 50,000
13	ITS	LS	1	\$ 100,000.00	\$ 100,000
14	BRIDGE RECONSTRUCTION	SF	9000	\$ 220.00	\$ 1,980,000
15	SIGNING AND PAVEMENT MARKINGS	LS	1	\$ 450,000.00	\$ 450,000
					\$ 4,992,480
	CONTINGENCY (15%)	LS	1	\$ 748,872.00	\$ 748,872
					\$ 5,741,352

Because the Engineer does not control the cost of labor, materials, equipment or services furnished by others, methods of determining prices, or competitive bidding or market conditions, any opinions rendered as to costs, including but not limited to opinions as to the costs of construction and materials, shall be made on the basis of its experience and represent its judgment as an experienced and qualified professional, familiar with the industry.

The Engineer cannot and does not guarantee that proposals, bids or actual costs will not vary from its opinions of cost.

SELMON EAST PHASE 1 - DESIGN BUILD

PROJECT DEVELOPMENT AND ENVIRONMENTAL PROGRAM



PROJECT: Selmon East Phase 1 - Design Build

LOCATION: Hillsborough

DESCRIPTION: Phase 1 of the Selmon East project will consider: an additional westbound local lane from I-75 to the I-4 Connector, an additional eastbound off-ramp lane to US 301, and a relocation of the existing slip ramp from the REL to the local lanes just east of the US 301 overpass.

PURPOSE & NEED SUMMARY STATEMENT: This project's needs were determined by the Selmon East Feasibility Study completed in FY 2019. This is one of several projects to provide additional capacity and efficiency, meet future trip demands, improve the operational efficiency and utilization of the REL, and enhance operations and safety.

Traffic along the Selmon East between Downtown Tampa and I-75 has steadily grown along the local lanes to over 100,000 Average Daily Traffic (ADT) in 2019. Traffic is projected to increase by 70% by 2040 requiring additional capacity and operational efficiency, as partially provided by this project.

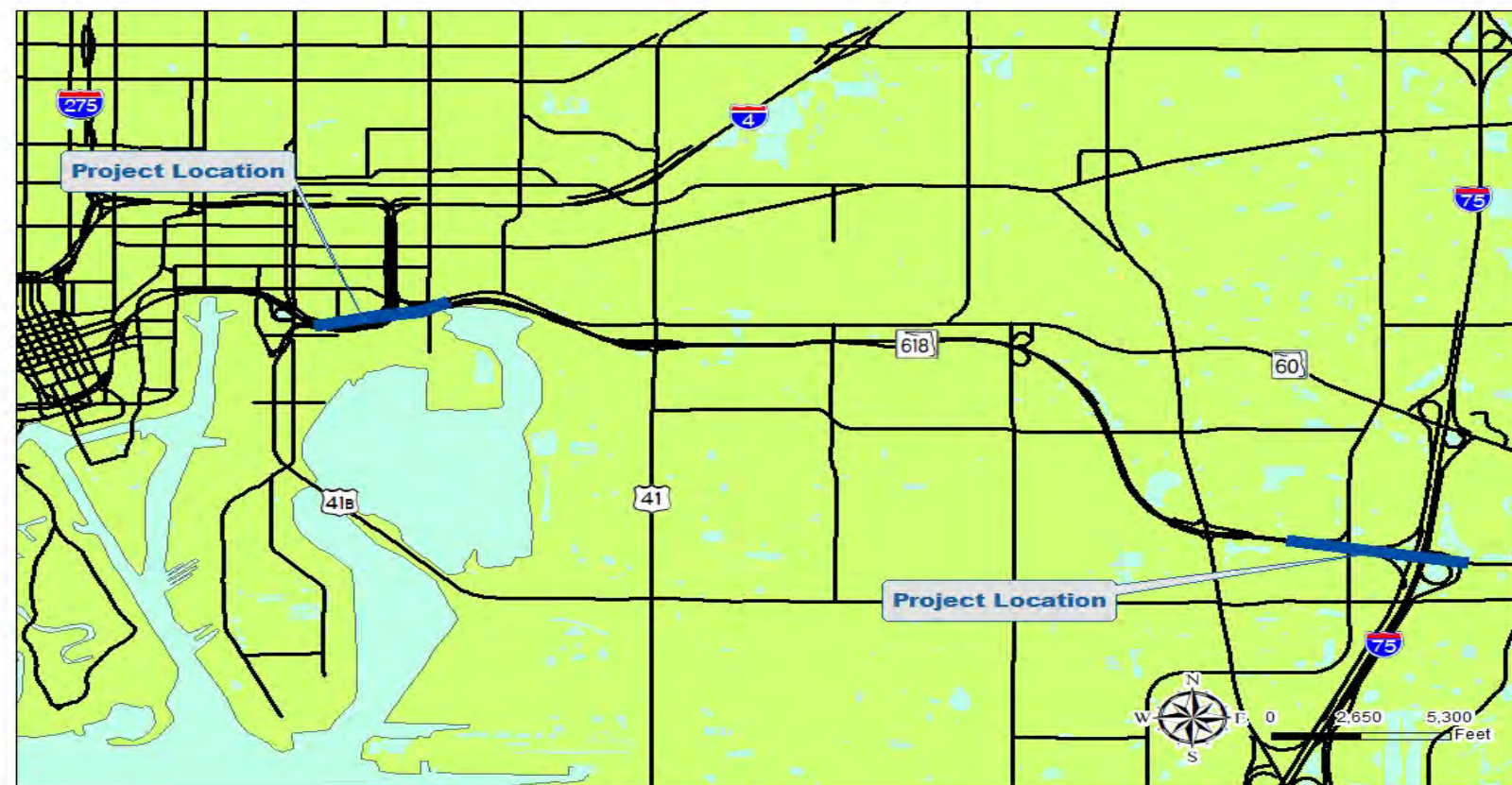
STATUS: The Selmon East PD&E began in FY 2020 (Spring 2020) and is currently underway. The PD&E will cover the segments of Selmon East Phases 1 through 3. Construction is anticipated to let in 2030.

Estimated Project Cost (in Thousands)

[illegible]

SELMON EAST RAMPS

CONSTRUCTION



PROJECT: Selmon East Ramps

LOCATION: Hillsborough

DESCRIPTION: The Selmon East Ramps project includes two slip ramps. One slip ramp is located from the northbound I-75 ramp to westbound Reversible Express Lanes (REL). The second slip ramp is from the westbound REL to the local lanes at the I-4 connector interchange,

PURPOSE & NEED SUMMARY STATEMENT: The need for slip ramps was determined as part of the Selmon East Feasibility Study completed in FY 2019. The slip ramps are the first of a multi-phased implementation plan to provide additional capacity and efficiency, meet future trip demands, improve the operational efficiency and utilization of the REL, and enhance operations and safety.

Traffic along the Selmon East between Downtown Tampa and I-75 has steadily grown along the local lanes to over 100,000 Average Daily Traffic (ADT) in 2019. Traffic is projected to increase by 70% by 2040 requiring additional capacity and operational efficiency.

STATUS: The Selmon East PD&E began in FY 2020 (Spring 2020) and is currently underway. The PD&E will cover the segments of Selmon East Phases 1 through 3.

Construction for the slip ramps is anticipated to let in 2021.

Estimated Project Cost (in Thousands)

[illegible]

From: James Drapp <jdrapp@HNTB.com>

Sent: Tuesday, September 1, 2020 8:24 AM

To: Brian Pickard <brian.pickard@tampa-xway.com>

Cc: Judith Villegas <judith.villegas@tampa-xway.com>; Sally Fisher <Sally.Fisher@tampa-xway.com>;
Alphonse Stewart <astewart@hntb.com>

Subject: East Selmon Slip Ramps Project Proposed Budget & Board Meeting Activities Schedule

Brian, Below is the estimated budget included in the CPMP for the East Selmon Slip Ramps project. The amounts for CEI & GEC services were based on each of the total KHA construction cost estimates for the two ramps. Attached are our proposed estimates and schedule for GEC Task Orders and other Board Meeting actions for the project.

Ramp 3- from NB I-75 entrance ramp to Selmon WB Local Lanes to REL just west of I-75

\$7.463M- DB Design & Construction- \$6.288M

CEI- \$0.574M

GEC (Procurement/Design/Construction/CEI Support)- \$0.574M -

Ramp 2- from REL to Selmon WB Local Lanes at I-4 Connector interchange area

\$9.923M- DB Design & Construction- \$8.396M

CEI- \$0.763M

GEC (Procurement/Design/Construction/CEI Support)- \$0.763M

PROJECT TOTALS- DB CONSTRUCTION - \$14.684

CEI- \$1.337M

GEC (Procurement/Design/Construction/CEI Support)- \$1.337M

We have also attached the two Preliminary DB Project & Scope Development Support Task Orders for DB & CEI activities to initiate project activities and scope preparation prior to the Board Meeting

at the end of the month. Upon your concurrence, the remaining task orders for the September Board Meeting will be provided to you later this week. We will obtain final cost proposals prior to the Board Meeting for the Geotechnical and Storm Sewer Video Inspection efforts. Please contact us if you have any questions.

James E. Drapp

Vice President

Tel (813) 402-4150, ext. 85147 Cell (813) 765-7891

HNTB CORPORATION

One Tampa City Center

201 N. Franklin St., Suite 1200

Tampa, FL 33602

www.hntb.com

 **0+ YEARS OF INFRASTRUCTURE SOLUTIONS**

Discussion/Action Items

Planning Committee

IV. C. 1.

Selmon East Slip Ramps Design Build RFP and CEI Procurement Support

- Purpose:** To utilize GEC (HNTB) to undertake soils investigation, develop the Design/Build RFP, assist in contractor selection, and provide CEI Procurement Support to allow execution of the Selmon East Slip Ramp Design/Build project and CEI before the end of the fiscal year.
- Funding:** Capital Budget- \$430.000
- Action:** Requests the Board to authorize the Executive Director to sign a Task Order with HNTB for soils investigation, development of the Design Build RFP, contractor selection assistance, and CEI Procurement for the Selmon East Slip Ramps in the amount of \$430,000.

Selmon East Slip Ramps Project Budget & GEC Task Orders

Immediately-

GEC Task Order for Preliminary DB & CEI Project & Scope Development Support- \$30,000

Sept. Board Meeting-

Storm Sewer Pipes Video Inspection- \$250,000

GEC Task Order for DB & CEI RFP and Procurement Support- \$430,000

Jan. Board Meeting-

CEI Contract Approval- \$1,337,000

GEC Task Order for DB Project Management, Review, Construction & CEI Support- \$380,000

DB Team Shortlisting Approval

Apr. 2021 Board Meeting

DB Team Contract Approval- \$14,684,000

Storm Sewer Pipe Video Inspection - \$250,000

GEC Task Orders- Preliminary - \$ 30,000

RFP & Procurement - \$430,000

PM, Review & CEI - \$380,000

TOTAL - \$1, 090,000

SUMMARY FEE SHEET																					
ATTACHMENT "A"																					
PROJECT DESCRIPTION: Tampa-Hillsborough Expressway Authority		HNTB PR 20200XXX																			
GEC CONTRACT NO: HNTB PR 20200XXX		2020-2021 Selmon East Slip Ramps DB & CEI RFP and Procurement Support (9/28/20 - 6/30/21)																			
PRIME CONSULTANT: HNTB Corporation																					
ACTIVITY		Sr. Technical Advisor		Project Manager		Chief Eng./Planner Sr. Proj. Eng.		Sr. Eng./Planner		Proj. Eng./Planner		Engineer/Planner		Sr. Technician		Clerical		TOTAL		Avg. Hourly Rate	
		Man Hours	Hourly Rate \$ 134.96	Man Hours	Hourly Rate \$ 128.77	Man Hours	Hourly Rate \$ 91.44	Man Hours	Hourly Rate \$ 66.08	Man Hours	Hourly Rate \$ 51.66	Man Hours	Hourly Rate \$ 42.74	Man Hours	Hourly Rate \$ 37.91	Man Hours	Hourly Rate \$ 24.62	Manhours By Activity	Salary Cost By Activity		
Sel E Slip Ramps DB&CEI RFP/Procure Support			\$0.00	180	\$23,178.60	280	\$25,603.20	320	\$21,145.60	360	\$18,597.60	320	\$13,676.80	180	\$6,823.80	30	\$738.60	1670	\$109,764.20	\$65.73	
Total Man Hours		Total Salary [(MHxHR)]	0	\$0.00	180	\$23,178.60	280	\$25,603.20	320	\$21,145.60	360	\$18,597.60	320	\$13,676.80	180	\$6,823.80	30	\$738.60	1,670	\$ 109,764.20	\$65.73
Basic Activities Maximum Limiting Fees (Salary Costs)																		\$109,764.20			
Cost Elements & Additives																					
(a) 2.84 Multiplier																		\$311,730.33			
Direct Expenses		7.51%	\$ 8,243.29	SUBTOTAL (Cost Elements applied to Basic Activities Fee):															\$311,730.33		
				Subconsultant - Tierra (Geotech-SBE)															\$100,000.00		
				Subconsultant - Omni (Utilities-SBE)															\$10,000.00		
				(d) Direct Reimbursables															\$8,243.29		
				Total Project Cost:															\$429,973.62		
				Maximum Limiting Amount:															\$430,000.00		

HNTB PR 20200XXX**2020-2021 Selmon East Slip Ramps DB & CEI RFP and Procurement Support (9/28/20 - 6/30/21)****Scope Of Services****Purpose & Need**

Provide support for THEA operations for preparation of the RFP and procurement for the Selmon East Slip Ramps Project. This work will include activities relating to the planned improvements to the expressway system.

Scope

Geotechnical, utilities and other site investigation and data collection will be performed to be used in developing the scope and RFP for both the the planned Selmon East Slip Ramps DB project and for CEI services. Provide assistance to THEA staff in advertisement, selection, negotiations and contract development for both the DB project and for CEI services.

Discussion/Action Items

Planning Committee

IV. C. 2.

Selmon East Slip Ramp Drainage Structure Investigation and Analysis

- Purpose:** Authorize signature of a contract with Envirowaste Services Group, Inc to provide storm sewer structures and pipe video inspection and recommendations for the Selmon East Slip Ramp Project in preparation of the RFP development. Envirowaste Services Group, Inc was selected. This is using a contract procured by FDOT.
- Funding:** Capital Budget - \$250,000
- Action:** Requests the Board to authorize the Executive Director to sign a contract with Envirowaste Services Group, Inc utilizing established rates for storm sewer structures and pipe video inspection and recommendations in preparation of Design Build RFP for the Selmon East Slip Ramps not to exceed \$250,000.

Selmon East Slip Ramps Project Budget & GEC Task Orders

Immediately-

GEC Task Order for Preliminary DB & CEI Project & Scope Development Support- \$30,000

Sept. Board Meeting-

Storm Sewer Pipes Video Inspection- \$250,000

GEC Task Order for DB & CEI RFP and Procurement Support- \$430,000

Jan. Board Meeting-

CEI Contract Approval- \$1,337,000

GEC Task Order for DB Project Management, Review, Construction & CEI Support- \$380,000

DB Team Shortlisting Approval

Apr. 2021 Board Meeting

DB Team Contract Approval- \$14,684,000

Storm Sewer Pipe Video Inspection	-	\$250,000
GEC Task Orders- Preliminary	-	\$ 30,000
RFP & Procurement	-	\$430,000
PM, Review & CEI	-	\$380,000
TOTAL	-	\$1, 090,000

Discussion/Action Items

Operations & Maintenance Committee

IV. C. 3.

THEA Headquarters Renovations and TMC A/C Upgrades

Purpose: To provide selective demolition and interior reconfiguration of non-loadbearing partition walls, door changes, upgraded audio visual, lighting, security, and data network, mechanical, electrical, plumbing and fire protection modifications, HVAC rooftop equipment replacement and new casework as well as a comprehensive update to floor, wall, ceiling and elevator finishes throughout the building.

VENDOR	PURPOSE	NOT TO EXCEED AMOUNT
Trias Construction	Building Rehab	\$2,220,000
Interior Fusion	Furniture	\$174,000
Infotect	Low Voltage Data Wiring	\$36,000
Audio Visual Innovations	A/V Upgrades	\$133,000
Unicom Government Services	Security Upgrades Cooperative Purchasing Agreement	\$130,000
	TOTAL	\$2,693,000

Funding: Capital Budget - \$ 2,693,000

Action: Board approval to authorize THEA staff to negotiate and execute needed task orders and/or contracts with vendors listed above for the rehabilitation of the THEA headquarters. Final contract and task orders are subject to review and approval of THEA General Counsel.



NOTICE OF INTENDED DECISION

Date: September 14, 2020

Project: Renovation Services ~ THEA Transportation Management Center
Request For Proposal (RFP) No.: O-01120

On September 10, 2020, thirteen bids were received for the above referenced project. The total bids and bid amounts were received from the following firms:

<u>Firm Name</u>	<u>Total Bid Amount</u>	<i>*SBE Certified</i>
• <i>Trias Construction*</i>	\$2,219,393.	
• <i>LEMA Construction*</i>	\$2,282,137.	
• <i>WJCreate*</i>	\$2,338,781.	
• New Vista Builders Group	\$2,367,537.	
• Bandes Construction	\$2,424,000.	
• D&M Construction	\$2,510,310.	
• Charles Perry Partners	\$2,546,987.	
• Friedrich Watkins of Tampa	\$2,556,200.	
• <i>Matcon Construction*</i>	\$2,587,963.	
• R L Burns	\$2,608,478.	
• Construction Services	\$2,769,776.	
• Nelson Construction	\$2,845,910.	
• Batson Cook Co.	\$2,917,680.	

Tampa Hillsborough County Expressway Authority staff intends to recommend approval and award of a contract to **Trias Construction** in the amount not to exceed \$2,219,393 at the Authority Board Meeting scheduled for September 21, 2020. The total bid amount includes the Base Bid and Alternates 1 through 4. If negotiations are unsuccessful, staff shall negotiate with the next highest ranked firm, if necessary.

After a thorough review of the bids' responsiveness, it was determined that WJCreate was unresponsive due to a conflict of interest. WJCreate shares an owner with Wannemacher Jensen Architects (WJA) which is the Designer of Record for this RFP.

All notices are posted on the Authority's website (www.tampa-xway.com/procurement/#) and on the DemandStar system. For questions regarding this notice, please contact the Authority's Procurement Manager, Man Le, Man.Le@tampa-xway.com .



NOTICE OF INTENDED DECISION

Date: September 14, 2020

Project: Office Furniture ~ THEA Headquarter Renovation
Request For Proposal (RFP) No.: O-01220

On September 11, 2020, four bids were received for the above referenced project. The total bids and bid amounts were received from the following firms:

<u>Firm Name</u>	<u>Total Bid Amount</u>
Interior Fusion	\$173,641.
Beaux Arts Group	\$177,952.
Contract Furniture	\$198,932.
BOS of Tampa	\$93,320*
	<i>*BOS did not bid on all furniture items.</i>

Tampa Hillsborough County Expressway Authority staff intends to recommend approval and award of a contract to **Interior Fusion** in the amount not to exceed \$173,641 at the Authority Board Meeting scheduled for September 21, 2020. The total bid amount includes the Base Bid and Alternate Bids. If negotiations are unsuccessful, staff shall negotiate with the next highest ranked firm, if necessary.

All notices are posted on the Authority's website (www.tampa-xway.com/procurement/#) and on the DemandStar system. For questions regarding this notice, please contact the Authority's Procurement Manager, Man Le, Man.Le@tampa-xway.com .

Posting Notice September 14, 2020

Low Voltage Data Wiring

	Cameras	Offices/Cubes	Conf Room Table (single drop)	Conf Room TV (single drop)	Shown on Plans
1st Floor	6	24	0	2	16
2nd Floor	4	30	2	1	33
3rd Floor	3	28	4	2	20
Total	13	82	6		

	\$300	\$200	Subtotal
VOICE/DATA (No cameras)	New	Relocate	
1st Floor	10	2	\$3,400
2nd Floor	0	34	\$6,800
3rd Floor	14	2	\$4,600
			\$14,800

NEW WORK NOT SHOWN ON PLANS

Item	Qty	Per Unit	Subtotal
WAP Cat 6a	7	\$300	\$2,100
Comm Room Remodel & Demo	32	\$85	\$2,720
Add Cat 6 drop to cam loc	13	\$300	\$3,900
			\$8,720

\$2,875

\$6,500

\$23,520

\$32,895

Good Afternoon Shari,
I spoke with the engineers about your request.
They can produce a Low Voltage Data Jack Set for you.
It will be an add service of \$2,875.
Please let me know if you want that and I will have our
business manager send you a proposal.
Thanks,
Sanchelle Lee

Add Data Run to Warehouse

Contingency

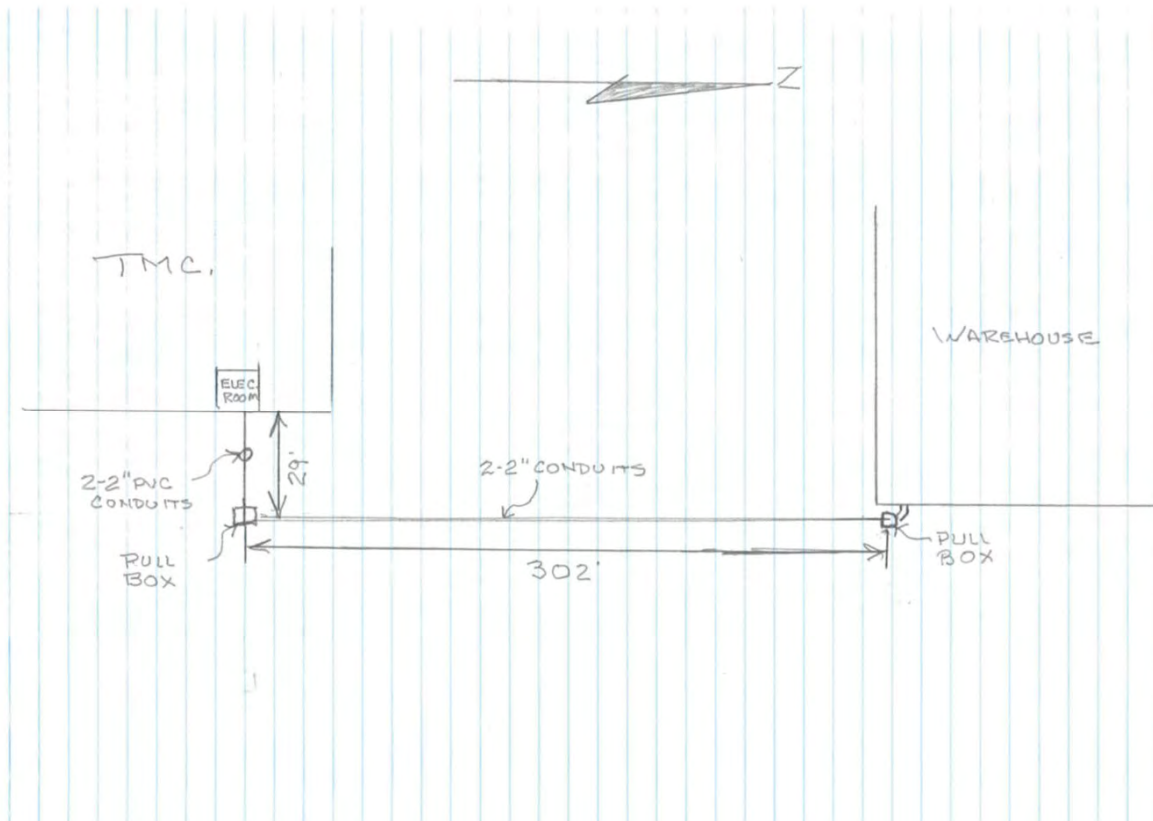
TOTAL BUDGET

NOTES:

No WAP locations shown on plans; 6 existing; 1 new 1st floor
Assumes existing firewall and floor paths are sufficient
Need a CAT 6a panel for WAP runs
Provide customer choice for new faceplates/jacks for offices (cosmetic)
Existing wiring and panels are CAT6
Do not quote patch cables
Quote 2-post racks and wire management
All locations are 2 cable drops unless stated otherwise
Demo/Comm Room Work - 3 trips as each floor construction starts then a final
Expecting final bid revision once updated architect plans arrive

COMM ROOM SCOPE:

Remove legacy equipment, paint wallboard with fire retardant paint
Relocate security wiring to MDF wall
Consolidate 3 MDF wall racks into 2 2-post floor racks
Label all major equipment
Re-patch stations using color patch cable scheme (PC, uplink, VOIP, etc.)
Improve cable management and clean up excess cabling
Setup small desk work area for vendors



Tampa-Hillsborough Expressway Authority

A/V Systems Renovation



A Digital Workplace Services Provider



Audio Visual Innovations, Inc. - A wholly owned subsidiary of AVI-SPL, Inc.

6301 Benjamin Road
Suite 101
Tampa, FL 33634
(813) 884-7168
Fax: (813) 882-9508
www.avispl.com

Prepared By: Bradley Harp
Bradley.Harp@avispl.com

Proposal No: 201250-4

Corporate Overview

Your Digital Workplace Services Partner

AVI-SPL is a digital workplace services provider that helps organizations around the world improve their team collaboration and business value through collaboration solutions. From offices in North America, Europe, and the Middle East, and through a worldwide network of engineering resources, we deliver transformative solutions and services vital to the success of your organization.

We design, deploy, manage, and support the systems and environments that empower meaningful communication and collaboration. Through this transformation, we help you improve workflows and the user experience while also easing the manageability of your technology solutions.

AVI-SPL works diligently to be a single, reliable resource for improving your organization's ability to communicate and collaborate. Through partnerships with highly regarded collaboration companies, construction firms, architects, and consultants, we design, build, integrate, manage, and support solutions, systems, and experiences that deliver state-of-the-art communications and collaboration. No other company can match our ability to handle every aspect of your integration project, from understanding your goals to providing ongoing support. When you partner with AVI-SPL, you are working with:

A Partner Working in Your Interests

- Experienced and financially stable technology contractor with a **global operational delivery model**.
- Providing **innovative, award-winning solutions** that are effective and aligned with your needs. Our solutions reflect the trends and technologies shaping professional collaboration and the workplace.

A Knowledgeable Collaborator

- Most **qualified team of engineers and technicians** in the industry.
- **In-house capabilities** to design, install and manage complex audio, video, collaboration, and communication technologies.
- **Certified to implement collaboration solutions** from industry leaders like Microsoft, Poly, Cisco, NEC, and Crestron.
- The only company that can self-certify its engineers to trade standards set by AVIXA.

An Experienced Services Provider

- Wide-ranging **technical integration capabilities**, construction experience, and engineering resources to support projects of any scale and in environments as varied as stadiums, boardrooms, hospitals, and classrooms. Our experience spans over 40 years. We support our clients through our Global Service Operations Centers, which provide 24/7 help desk support.
- **Expert engineering** with the highest per capita number of technical employees of any AV solutions provider.
- **Award-winning conferencing services** that include customizable room and device monitoring, cloud-based scheduling and management for meeting rooms and the technology enabling them, and analytics reports that provide actionable business intelligence.



We take your investment in collaborative solutions as seriously as you do. That is why we're with you every step of the way, making sure you have the support to keep your business running smoothly and that you get the return on investment you expect.

Our diverse portfolio features solutions in the corporate, education, and government sectors, including Fortune 500/Global 1000 boardrooms, military base operation centers, and education campuses. On most projects, we collaborate with architects, consultants, designers, and end users like you.

AVI-SPL's expertise includes partnerships with the industry's top technology providers, highly skilled and certified technicians, and comprehensive support that is setting the standard in the collaboration industry.

The hallmark of AVI-SPL's client success has been our ability to keep pace with the technology trends that drive the way businesses operate, and to innovate and improve upon them so that we can offer customers a standard of quality that no other company can match.

- **86% of Fortune 100** and **70% of Fortune 500** companies are AVI-SPL customers
- **120,000+ projects** completed in **80 countries**
- **12,000+ service contracts** with **1,500 ticketed cases resolved** each month
- **3,400+ employees** in **57 offices** across North America, Europe, and the Middle East
- Partnerships with the **leading technology providers** so we can craft the right solution for every client

Project Implementation Process

Integration Process

AVI-SPL is dedicated to giving you with technically sound, well-integrated, and user-friendly solutions. To that end, AVI-SPL utilizes a six-step process that ensures seamless communication and transition from project conception to project completion.

The beginning of the process is essential to the success of the implementation and Customer Care Services that ensure acclimation, adoption, and continued use of the technology.

The scope of this Design Proposal is summarized in Phases I & II. Phases III – VI outline the process through to completion including implementation of the concierge level service requested by the client.

Phase I - Consultation

The consultation process is the foundation of the system design and capabilities. During this process, we meet with key personnel to gain a thorough understanding of needs, objectives, and issues:

- Architectural Criteria
- Style of Meeting
- Visual Media
- Computer Display
- Audio Systems
- Audio Conferencing
- Video Conferencing
- Control options
- Static Display
- Supplemental (Multi-room tie-in, connection type, network interconnection, existing equipment)
- Schedule (design/construction documents, construction, AV installation, occupancy)
- Contacts (client, architect/interior designer, general contractor, other)

Phase II - Engineering & Design

AVI-SPL appoints a Project Engineer, who will team up with your AVI-SPL Account Manager and follow your project through to completion. During this phase, the information acquired during the needs analysis is developed into a technically sound and functional system design. The Project Engineer and AVI-SPL Account Manager perform a feasibility study. This study includes an examination of the desired capabilities, architectural, environmental, and technical details of your system. During the engineering and design process, we select the appropriate equipment, hardware, and software. The result of the engineering and design process is a system designed specifically to meet the requirements and environmental conditions that are unique to your application.

The goals for this phase of the project are:

- Verify initial design concepts
- Verify location of all devices
- Validate the design's performance and concepts
- Provide any value engineering and performance enhancement recommendations
- Convert concept drawings to schematic, "build to" shop drawings
- Submit final shop drawings and hardware list for approval prior to procurement and construction.

The documents created by the Systems Group engineering team include but are not limited to:

- Rack elevations
- Patch bay elevations
- Lighting fixture locations
- Custom assembly details
- Panel details
- Verification of conduit requirements
- Verification of junction box requirements



- Creation of fabrication documentation including wire numbers
- Verification of wire types
- Speaker cluster rigging design
- Creation of accurate hardware/bill of quantities (BOQ) list
- Create cut sheet books for hardware
- Items
- Provide other submittals as required

At the conclusion of Phase II, the project's design is finalized, all areas of system performance have been optimized, and the hardware parts lists, as well as the engineering drawings, are given final approval. The on-site pre-wiring shall immediately begin.

Phase III: Pre-Installation

AVI-SPL's senior procurement managers will begin procurement of the hardware required for the system.

Procurement is prioritized between:

- Items immediately required for the initial on-site pre-installation by our installation team
- Long lead items
- Custom panels and custom/project specific hardware items
- All other hardware items
- Engineering and development of custom control software

The procurement manager informs our project manager of any discontinued, new models or upgraded products on the hardware list. In these instances, AVI-SPL submits cut sheets on any new hardware items for approval and substitution into the system.

The fabrication process begins upon receipt of product. AVI-SPL's fabrication team utilizes the approved engineering drawings to build the systems. All system fabrication work is performed at our fabrication facility.

AVI-SPL's fabrication process includes:

- Quality control inspection of all hardware items prior to integration into the various systems
- Preparation of internal areas of the racks for installation of cabling
- Installation of internal rack power distribution systems
- Installation of hardware into the racks as shown on the rack elevation drawings
- Installation of internal rack wiring
- Verification of internal rack wiring and wire/cable numbering
- Installation of interconnection wiring between the racks
- Testing of individual racks
- Installation of control software
- Testing and operating of multiple racks as a complete system
- "Burn in" quality-control testing of multiple racks as a complete audio-visual system
- Initial modifications to show control software
- Acceptance of tested and "burned in" systems by the project manager and senior engineer
- Photographic documentation of racks and other hardware items
- Disassembly of racks in preparation for shipping and palletized as per AVI-SPL's custom shipping standards
- Delivery of the racks to the site via dedicated air ride trucks

The careful testing and "burn in" of the completed systems in the fabrication shop will prevent the likelihood of discrepancies encountered during the onsite installation and testing.

Phase IV: On-site Installation

The on-site installation effort is coordinated by project manager and lead installer. The lead installer will be on site directing the installation teams. Prior to delivery and installation of pre-assembled systems, AVI-SPL field verifies conformance of installed cabling and other conditions necessary to ensure efficient integration of systems and devices. The team of on-site personnel will vary in number depending on the task requirements for that day. The project manager determines the correct resources required for the specific installation tasks. The AVI-SPL lead installer, project manager, and engineer carefully supervise our subcontractor. Depending on the required tasks, our daily on-site installation crew will include:

- AVI-SPL Project Manager
- AVI-SPL Lead Installer
- Installation Personnel as necessary

When required, AVI-SPL provides:

- Senior Engineers
- Field Engineers
- Supplemental Field Technicians
- Test and Adjust Engineers
- Specialty Labor as required

Once the installation is complete, the systems are carefully checked and brought on line. The final phases of the project begin.

Phase V: Commissioning, Testing, and Adjustments

During this phase, the complete testing and final adjustments of the systems are made. Our project manager coordinates with the project team as required to complete successful testing and tuning of the system, including testing far-end Customer Care connections. Our factory-trained service engineers travel to the job site to commission the system. All installation work is thoroughly checked prior to 'turn on.' Errors or problems are corrected, and all equipment is adjusted for optimal performance in accord with the project specifications.

The test and adjustment team consist of:

- Owner's Technical Representatives
- AVI-SPL's Project Manager

The result of phase V is the shortest possible final punch list. Our projects typically have short punch lists thanks to:

- Adherence to our quality assurance program
- Correcting site-specific problems as they are detected
- Installation of fully tested and "burned in" electronic hardware
- Termination into fully tested and verified cabling and far end connections

By adhering to these engineering policies and standards, the final punch list for projects of this type is typically limited to just a few items.

Phase VI: Training – As Required

Training is available throughout the project. We recommend the owner's technical representative visit AVI-SPL's fabrication facility for initial familiarization with the system during the in-house testing phase. The fabrication manager will:

- Provide a comprehensive review of the system's hardware
- Review the system's cabling and wire numbering methods
- Discuss maintenance issues for the system
- Demonstrate initial operation of the system

The owner's technical team may observe how the system interconnects to the building's pre-installed cabling during installation and commissioning. Once the system is operational, we provide three levels of "hands on" training to the on-site operational personnel.

Training is provided to:

- System Operators (personnel who are qualified to operate the various systems)
- System Technicians (personnel who provide on-site maintenance to the systems)
- System Assistants (personnel who assist the operators and technicians)

AVI-SPL produces operator manuals and other documentation to support the systems as required.

Process Control & Documentation

Reports and documentation are all standardized. Reporting and documentation for all project activities are stored in a centralized database for efficient access by integral departments (purchasing, distribution, systems integrations, account management etc.). All systems integration projects are overseen by AVI-SPL's Chief Operating Officer (COO). The COO is responsible for overseeing all documentation and daily operational activities throughout our national systems integration network. Documentation and purchase orders are reviewed regularly by the corporate office.



Scope of Work

Board Room

AVI-SPL will:

- Provide and install One (1) projection system consisting of a projector and ceiling recessed motorized screen. The projector will utilize a laser light source and will have a native resolution of 1920 X 1200 (WUXGA) at a brightness of 6000 ANSI lumens. The screen will have a viewable area of 65" (H) X 105" (W) (123" diagonal at 16:10 aspect ratio) and will support viewers up to approximately 32' from the screen.
- Provide and install two (2) 55" flat panel displays on ceiling mounts. The displays will be mounted in the soffit along the sides of the boardroom seating area and will be used as overflow displays for viewers in the rear of the room. Final locations are TBD.
 - All displays will receive the same video feed, mirroring the projector.
 - Note: Customer requested a quantity of two (2) instead of the AVI-SPL recommended four (4) flat panel displays as for this room.
- Provide and install ten (10) 22" desktop monitors, located at the seating positions at the dais.
 - To prevent line-of-sight issues, it is recommended that the OFE dais millwork include a recessed cavity for the monitors to sit in.
- Provide and install One (1) video distribution system. The video distribution system will be used to provide video feeds to ten (10) monitors located at the dais seating positions.
 - All displays will receive the same video feed, mirroring the projector and overflow displays.
- Provide and install One (1) HDMI transmitter, located at the OFE lectern. The transmitter will support the connection of BYOD HDMI devices.
- Provide and install One (1) HDMI receiver, located at the OFE lectern. The receiver will support the connection of a local desktop monitor as required.
- Provide and install One (1) USB remote hub, located at the OFE lectern. The USB remote hub will be used to connect an OFE keyboard and mouse to the OFE PC located in the equipment rack.
- Provide and install Three (3) lectern connection plates. The plates will be used to provide alternate locations for the OFE lectern and be installed in owner-furnished floor or wall boxes. Final location of the connection plates is TBD.
- Provide and install a modular multi-format matrix audio/video switcher. The switcher will have a maximum input to output configuration of 8x8 and will be configured to support the devices noted above.

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- Provide and install One (1) Discussion System. The Discussion System will provide local audio reinforcement of voice and program audio to each discussion participant via speakers built into each microphone base. The microphones will feature led indicators to show the status of each mic. The system will consist of the following:
 - One (1) Control processor
 - Fourteen (14) microphone stations, located at the dais
 - Note: For meeting and recording purposes, the maximum number of microphones that can be active at the same time is Eight (8).



- Provide and install One (1) Assisted Listening System, consisting of the following:
 - One (1) Rack mounted transmitter
 - One (1) Remote antenna
 - Four (4) Receivers with Ear Speakers
 - Four (4) Neck Loops
 - One (1) Charging Tray
 - One (1) Signage kit.
- Provide and install One (1) Gooseneck microphone, located at the OFE lectern.
- Provide and install One (1) Digital Recorder. The Digital Recorder will record active presentation audio and voice audio from the Discussion System, lectern gooseneck and wireless microphones. The Digital Recorder will be capable of recording using the following media types:
 - SD/SDHC
 - USB drive
 - This is a network device and the customer will be responsible to providing all necessary IP configuration data for this device to have network access.
- Provide and install One (1) Digital Signal Processor (DSP). The DSP will handle all audio related tasks including equalization, signal compression, routing, and feedback elimination. The DSP will be equipped with a VOIP telephone interface for audio-only calls.
 - Sources to include:
 - One (1) feed from the Discussion System (Floor Mix)
 - One (1) feed from the Discussion System (Record Mix)
 - One (1) feed from the Modular Matrix Switcher (Program Audio)
 - Three (3) lectern connection plates (Gooseneck Mic)
 - One (1) Wireless microphone system.
 - One (1) OFE VOIP line.

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- Outputs to include:
 - One (1) feed to the Discussion System (Floor Mix)
 - One (1) feed to the Digital Recorder
 - One (1) speaker zone consisting of One (1) ceiling recessed speaker, covering the lectern area.
 - One (1) speaker zone consisting of Three (3) ceiling recessed speakers, covering the front audience area.
 - One (1) speaker zone consisting of Six (6) ceiling recessed speakers, covering the rear audience seating.
- Provide and install One (1) control system. The control system is to be accessed via a touch panel interface. The touch panel interface shall be 10", table mounted and hardwired, and will be located at the OFE dais. The user interface will follow one of AVI-SPL's pre-designed touch panel interface themes (Dashboard, Industry or True Tiles) and shall need to be approved by a customer representative prior to system installation. Basic accessible functions to include:
 - System on/off
 - Source Selection
 - Program audio level and mute
 - Discrete Display on/off
 - Recording Controls
 - Audio Conference controls
- Re-purpose and use the existing equipment rack and power distribution. The rack will be equipped with power distribution and battery back-up. Rack will be in the AV equipment closet.

Customer will:

- Provide power at the following locations:
 - Each display location.
 - Screen location (screen power must be hard-wired by a licensed electrician).
 - Dais location.
 - Lectern location.
 - Rack location.
- Provide data drops and IP configuration data for the following devices (AVI-SPL will not change or modify any settings on the owner furnished network, all network configuration for devices on the owner furnished network are to be provided by others):
 - VOIP interface (Rack).
 - Digital Recorder (Rack).
 - OFE PC (Rack).
 - Control System (Rack).
 - Only required if remote access for control and monitoring is required.
- Provide cable path between the rack and all device locations.
- Provide backing to support the combined weight of the displays and mounts.
- Provide access above the finished ceiling.

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Conference Rooms and Executive Conference Room (Typical of 4 Locations)

AVI-SPL will:

- Provide and install One (1) 75" flat panel display on a fixed wall mount. The display will be mounted center on the front wall approximately 65" above the finished floor to center. The display will support viewers up to 19' from the screen.
 - Note: Customer requested a smaller size than the AVI-SPL recommended 86" flat panel display as a more suitable size for this room.
- Provide and install One (1) UC Conferencing System, consisting of the following:
 - One (1) Pan/Tilt/Zoom (PTZ) camera, located below the display.
 - One (1) Display Hub, mounted behind the display.
 - One (1) Table Hub, mounted under the Owner-Furnished (OFE) table.
 - Two (2) Wall-mounted speakers, mounted left/right of the PTZ camera below the OFE display.
 - Three (3) Table microphones with distribution Hub, located at the OFE table. Any required table penetrations required are to be provided by the customer.



- Provide and install One (1) 4x1 HDMI auto-switch, located at the OFE table.
 - Inputs to include:
 - One (1) OFE PC (default input).
 - Wireless Keyboard/Mouse to be provided by the customer.
 - Two (2) OFE laptops (HDMI).
 - One (1) Barco Click Share wireless presentation system. The Click Share will include one (1) AV transmitter button (*Executive Conference only*)
 - Customer is responsible for providing a network drop and any required IP configuration data required to make the Click Share discoverable on the existing network if required.
 - Output of the switcher will feed the HDMI input of the UC Table Hub. The OFE PC will be the only device connected via USB to the UC Conferencing System and will serve as the host device for any web-based meetings. Laptops and Barco Click Share will be used for local presentation only.

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Customer will:

- Provide power at the following locations:
 - Display location.
 - Table location.
- Provide data drops and IP configuration data for the following devices (AVI-SPL will not change or modify any settings on the owner furnished network, all network configuration for devices on the owner furnished network are to be provided by others):
 - OFE PC (Table).
- Provide cable path between the table and display location.
- Provide backing to support the combined weight of the display and mount.

3-Year Support & Maintenance

The Tampa-Hillsborough Expressway Authority will achieve maximum return-on-investment for the installed solution through AVI-SPL's Support and Maintenance Service Program for AV support and maintenance. We have quoted Elite as the most fitting Service Agreement matching solicitation requirements. The Support and Maintenance Program provides break/fix support, warranty services, and 24/7 Global Help Desk assistance to keep systems running. With offices and partners around the world, a Team trained professional is always on-call.

Our commitment to service excellence is demonstrated by delivering support in accordance with ITIL best practices, managing formal customer satisfaction programs, articulating, and measuring performance to defined service objectives, and committing to continuous service improvement

All Service Programs offer unlimited 24x7x365 remote technical assistance from our U.S.-based helpdesk that is staffed with trained AV and video support specialists. Benefits common to all programs include facilitation of in-warranty repair/replacement with manufacturers and support for out of warranty repair/replacement at preferred prices (quoted as needed T&M). The table below summarizes support options and identifies with a check mark the service program quoted for this proposal.

Service Program	Description
<input type="checkbox"/> Essential	When the 90-day office warranty expires, remote technical phone support services and web portal access are still available, but do not include a service level guarantee. If escalated to a remote specialist for advanced support, additional non-contract specialist support hourly time and materials charges apply. Any required onsite technical dispatch will be billed at standard non-contract time and materials rates. Out of manufacturer warranty support and consumables replacement are subject to additional billing.
<input type="checkbox"/> Enhanced	Provides remote technical phone support services, facilitation of manufacturer repair or replacement programs, and access to manufacturer published software updates and upgrades for covered assets. Includes access to an online portal for incident reporting and annual business reviews. Remote technical phone support services are available 24x7x365. Onsite Field Technician dispatch services are optional and billable.
<input checked="" type="checkbox"/> Elite	Includes all items covered in Enhanced plus Onsite Field Technician dispatch services available Monday through Friday from 8 AM to 5 PM local standard time excluding AVI-SPL published holiday.

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Service Program	Description
<input type="checkbox"/> Exclusive Onsite	Includes all items covered in Elite PLUS advanced support services for all covered assets including assigned Customer Service Manager, direct access to Tier II phone support services, proactive version control, configuration change management support, equipment re-location support, advanced account reporting, trend analysis, quarterly account reviews and up to two (2) hours of remote device administrator training for covered assets.
<input type="checkbox"/> Optional Service – Annual Preventive Maintenance	During preventive maintenance visits, we will replace filters (prevent dust and heat buildup), cleaning optics, adjust display walls and blended projection systems for color balance/alignment, clean and sanitize remote controls and touch panels, change projection bulbs (cost of replacement bulb is added to visit cost), check mounts, alignment of cameras, cabling and sometime even some minor repair to cosmetics/aesthetic issues where possible.

Inclusions & Exclusions

The following items are INCLUDED in the project scope of work:

- All equipment, wire and accessories required for a fully functional audio and video system.
- Non-union labor associated with turnkey engineering, installation, programming, testing, and training during business hours: Monday through Friday from 8:00 AM to 5:00 PM, in contiguous, 8-hour blocks of time and contiguous days with escorts as necessary until completion.
- Documentation package including as-built system CAD diagrams and Manufacturer's Operation manuals.
- Coordination and cooperation with the construction team regarding system installation.
- User training on system operation.

Any additional trips, labor, or materials due to failure of the other work forces to have the AV system rough-in work completed as anticipated and previously confirmed, will be added to the project billing, as required. Where applicable, the owner's architect will provide AVI-SPL's engineering department with all required architectural floor, reflected ceiling, building elevation, and section plans in AutoCAD® format at no charge to AVI-SPL.

The following items are NOT INCLUDED in the project scope of work:

- All conduits, high voltage wiring panels, breakers, relays, boxes, receptacles, etc. Any related electrical work including but not limited to 110VAC, conduit, core drilling, raceway, and boxes.
- Voice/data cabling, IE analogue phone lines, ISDN lines, network ports, etc.
- Network connectivity, routing, switching and port configuration necessary to support AV equipment
- Concrete saw cutting and/or core drilling
- Fire wall, ceiling, roof and floor penetration, patching, removal, or fire stopping
- Necessary sheet rock replacement, ceiling tile, T-bar replacement and/or repair
- All millwork (moldings, trim, etc.). All millwork or modifications to project millwork to accommodate the AV equipment is to be provided by others, unless otherwise noted in this proposal
- Painting, patching, or finishing of architectural surfaces

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- Permits (unless specifically provided for elsewhere in the contract)
- Bonds
- HVAC and plumbing relocation
- Rough-in, bracing, framing or finish trim carpentry for installation
- Cutting, structural welding, or reinforcement of structural steel members required for support of assemblies, if required

Additional costs for union labor are not included, unless specifically identified within this document.

The above designs contain owner furnished equipment (OFE) at the request of the client. All owner furnished equipment is assumed to be in full working order, meeting or exceeding the original manufacturer's specifications, and currently supported by the manufacturer(s). This includes software, firmware and or operating system(s) required to interface with the supplied AVI-SPL system design. All OFE devices will be tested by AVI-SPL upon commencement of installation. All defects, functional issues or equipment failures will be reported to client. Upon discovery of defects, the OFE devices must be repaired or replaced. The cost for repair or replacement of OFE devices is not included in this proposal. In the instance that additional equipment is needed, or repairs required, the installation may be delayed or stopped until the defective owner furnished equipment is deemed suitable for installation. OFE equipment is not covered under the provided warranty unless it is still under the original manufacturer's warranty or noted and recorded in a separate service agreement.

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Investment Summary

Total Equipment Cost - GSA Contract # GS-35F-0275S		\$35,994.52
Total Equipment Cost - Pending GSA Contract # GS-35F-0275S		\$572.18
Total Equipment Cost - Open Market (OM)		\$40,632.76
Professional Integration Services - GSA Contract # GS-35F-0275S		\$41,026.00
Direct Costs - Non equipment or labor costs such as travel expenses, per diem, lift and vehicle rentals - OM		\$3,000.00
Shipping		\$0.00
1-Year Customer Support - OM		\$3,877.00
Optional Years 2-3 of Customer Support - OM		\$6,941.00
SYSTEM SUB TOTAL		\$132,043.46
TAX		Exempt (*)
TOTAL INVESTMENT		\$132,043.46

Includes: all equipment, cable, connectors, hardware, cable support, terminal blocks, rack hardware, etc., to insure a complete and operational system

Includes: Engineering, project management, CAD, on-site installation and wiring, coordination and supervision, testing, checkout, owner training, etc. performed on the Owner's premises. Also includes all fabrication, modification, assembly, rack wiring, programming, warranties, etc., some performed at AVI-SPL

* Exemption from sales tax will be recognized only after a valid sales tax exemption certificate or other appropriate documentation of exemption has been provided to and approved by AVI-SPL; otherwise all applicable sales taxes will apply.

Purchase orders should be addressed to Audio Visual Innovations, Inc.

Audio Visual Innovations, Inc.

Contract # GS-35F-0275S

Period Covered by Contract: March 6, 2017 - March 5, 2021

Tax ID: 59-1958935

Cage Code: OD2N6

DUNS #: 03 729 3974

CCR Registered: yes

Room Summary - Boardroom (Discussion System)

Equipment List

Mfg	Description	Qty	Unit Price	Extended Price
	<u>DISPLAYS</u>			
EPSON AMERICA, INC.	PROJECTOR, WUXGA 6000 LUMEN 19LB LASER (L610U) OPEN MARKET	1	\$3,268.00	\$3,268.00
CHIEF	MOUNT SYSTEM, SUSPENDED CEILING FOR PROJECTOR W/STORAGE GSA CONTRACT GS-35F-0275S	1	\$387.62	\$387.62
DRAPER SHADE & SCREEN	SCREEN, 123"ACCESS FIT,SER E, MATT WHT XT1000E, W/LVC-IV&LVC GSA CONTRACT GS-35F-0275S	1	\$1,888.47	\$1,888.47
LG ELECTRONICS	LCD, 55" 4K/UHD SMART LED W/3YR WARRANTY W/O WIFI - TAA GSA CONTRACT GS-35F-0275S	2	\$868.49	\$1,736.98
CRESTRON	RECEIVER/ROOM CONTROLLER, DM 8G+ 4K60 4:4:4 HDR 100 GSA CONTRACT GS-35F-0275S	2	\$510.87	\$1,021.74
CHIEF	MOUNT, SINGLE CEILING MOUNT MEDIUM BLACK OPEN MARKET	2	\$200.93	\$401.86
CHIEF	EXTENSION ADJUST COLUMN 36" - 60" - BLACK GSA CONTRACT GS-35F-0275S	2	\$99.01	\$198.02
	<u>DAIS DISPLAYS</u>			
LG ELECTRONICS	LCD, 21.5" 1080P 250NIT 1000:1 CONTRAST LED OPEN MARKET	10	\$128.05	\$1,280.50
LG ELECTRONICS	LCD, 21.5" 1080P 250NIT 1000:1 CONTRAST LED - SPARES OPEN MARKET	2	\$128.05	\$256.10
CRESTRON	RECEIVER/ROOM CONTROLLER, DM 8G+ 4K60 4:4:4 HDR 100 GSA CONTRACT GS-35F-0275S	2	\$510.87	\$1,021.74
CRESTRON	DISTRIBUTION AMP 1 TO 8 HDMI W/4K60 4:4:4 & HDR SUPPORT GSA CONTRACT GS-35F-0275S	2	\$567.64	\$1,135.28
	<u>PODIUM EQUIPMENT</u>			
CRESTRON	RECEIVER/ROOM CONTROLLER, DM 8G+ 4K60 4:4:4 HDR 100 GSA CONTRACT GS-35F-0275S	1	\$510.87	\$510.87
CRESTRON	TRANSMITTER, 4K DigitalMedia 8G+ 4K60 HDR WALLPLATE (BLACK) OPEN MARKET	1	\$588.24	\$588.24
CRESTRON	WALL PLATE, USB OVER ETHERNET W/ROUTING, LOCAL - WHITE OPEN MARKET	1	\$500.00	\$500.00
CRESTRON	WALL PLATE, USB OVER ETHERNET W/ROUTING, REMOTE- WHITE OPEN MARKET	1	\$500.00	\$500.00
	<u>AUDIO</u>			
BIAMP SYSTEMS	TESIRA FORTE DSP I/O SERVER, 128 X 128 CH AVB, AEC, VOIP GSA CONTRACT GS-35F-0275S	1	\$2,269.53	\$2,269.53
DENON ELECTRONICS	PLAYER/RECORDER, NETWORK DANTE MEDIA OPEN MARKET	1	\$612.50	\$612.50
SHURE	MICROPHONE, CONDENSER CARDIOID 18" GOOSENECK ATTACHED XLR	1	\$187.32	\$187.32

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Mfg	Description	Qty	Unit Price	Extended Price
	GSA CONTRACT GS-35F-0275S			
SHURE	MICROPHONE SYSTEM, HANDHELD DIVERSITY 494-518 Mhz OPEN MARKET	1	\$504.69	\$504.69
SHURE	ADAPTER, IN-LINE 12V DC BIAS POWER OVER COAXIAL W/PS23US OPEN MARKET	2	\$65.31	\$130.62
SHURE	ANTENNA, 1/2 WAVE OMNIDIRECTION FOR UR4S/D+, ULXS/P4 RECEIVE OPEN MARKET	2	\$24.94	\$49.88
SHURE	CABLE, 100' UHF ANTENNA GSA CONTRACT GS-35F-0275S	2	\$193.00	\$386.00
SHURE	ANTENNA AMPLIFIER IN LINE FOR REMOTE MOUNTING GSA CONTRACT GS-35F-0275S	2	\$135.10	\$270.20
CRESTRON	AMPLIFIER, 3x210W COMMERCIAL POWER, 4@8OHM OR 70/100V GSA CONTRACT GS-35F-0275S	1	\$887.34	\$887.34
CRESTRON	SPEAKER, 6.5" SAROS 2-WAY IN-CEILING, WHT (ORDER IN PAIRS) OPEN MARKET	10	\$135.29	\$1,352.90
LISTEN TECHNOLOGIES CORPO	RF SYSTEM, IDSP PRIME LEVEL III STATIONARY 72 MHZ OPEN MARKET	1	\$1,832.23	\$1,832.23
	<u>DISCUSSION SYSTEM</u>			
SHURE	CENTRAL CONTROL UNIT OPEN MARKET	1	\$826.50	\$826.50
SHURE	POWER SUPPLY FOR CCU/PI/RC PENDING GSA CONTRACT GS-35F-0275S	1	\$572.18	\$572.18
SHURE	CONFERENCE UNIT, PORTABLE, DUAL 31CHSEL OPEN MARKET	14	\$475.00	\$6,650.00
SHURE	MICROPHONE, 20" GOOSENECK, DUAL FLEX CARDIOID OPEN MARKET	14	\$172.19	\$2,410.66
SHURE	REDUNDANCY INTERFACE BOX FOR DCS-LAN OPEN MARKET	1	\$35.63	\$35.63
DANISH INTERPRETATION SYS	FEATURE LICENSE, UPGRADE DIS-CCU FROM DDS 5900 TO DCS 6000 OPEN MARKET	1	\$1,128.13	\$1,128.13
	<u>VIDEO SWITCHING AND DISTRIBUTION</u>			
CRESTRON	SWITCHER, 8x8 DIGITALMEDIA W/REDUNDANT POWER SUPPLIES GSA CONTRACT GS-35F-0275S	1	\$3,122.01	\$3,122.01
CRESTRON	INPUT CARD, DIGITAL MEDIA 8G+ 4K60 4:4:4 HDR FOR DM SWITCHER GSA CONTRACT GS-35F-0275S	3	\$624.43	\$1,873.29
CRESTRON	INPUT CARD, HDMI 4K60 4:4:4 HDR FOR DM SWITCHERS GSA CONTRACT GS-35F-0275S	1	\$454.13	\$454.13
CRESTRON	OUTPUT CARD, 2-CHAN HDMI 4K60 4:4:4 HDR SCALING FOR DM SWITC GSA CONTRACT GS-35F-0275S	1	\$1,021.75	\$1,021.75
CRESTRON	OUTPUT CARD, 2-CH DIGITALMEDIA 8G+ 4K60 4:4:4 HDR FOR DM SWI GSA CONTRACT GS-35F-0275S	2	\$737.97	\$1,475.94
CRESTRON	SPLITTER, 1:4 4K HDMI TO DM 8G+ & HDBASET GSA CONTRACT GS-35F-0275S	1	\$1,532.62	\$1,532.62

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Mfg	Description	Qty	Unit Price	Extended Price
CRESTRON	POWER PACK, HIGH-EFFICIENCY OPEN MARKET	1	\$176.47	\$176.47
CRESTRON	POWER SUPPLY, 8-PORT PoDM+ FOR DM 8G+ I/O CARDS GSA CONTRACT GS-35F-0275S	1	\$681.20	\$681.20
LIBERTY WIRE AND CABLE	CUSTOM LECTERN CONNECTIVITY PLATE OPEN MARKET	3	\$56.25	\$168.75
	CONTROL			
CRESTRON	CONTROL PROCESSOR, 3 SERIES GSA CONTRACT GS-35F-0275S	1	\$1,577.67	\$1,577.67
CRESTRON	TOUCH SCREEN, 10.1" W/O CAMERA OR MIC - BLACK SMOOTH GSA CONTRACT GS-35F-0275S	1	\$1,373.94	\$1,373.94
CRESTRON	TABLE TOP KIT FOR TSW-1060, BLACK SMOOTH GSA CONTRACT GS-35F-0275S	1	\$143.12	\$143.12
CRESTRON	SENSOR, 2000' DUAL-TECH OCCUPANCY W/ CRESNET GSA CONTRACT GS-35F-0275S	1	\$158.94	\$158.94
LUXUL	SWITCH, 12 PORT / 8 POE+ GIGA GSA CONTRACT GS-35F-0275S	1	\$313.55	\$313.55
	EQUIPMENT RACK			
MIDDLE ATLANTIC	EQUIPMENT RACK EXISTING OFE (Owner Furnished Equipment)	1	OFE	OFE
SURGEX	UPS, BATTERY BACKUP, 3000VA 2RU 120V/30A 5 RECEPTACLES OPEN MARKET	1	\$2,345.02	\$2,345.02
VARIES	ORDER LEVEL MATERIALS: CABLE, CONNECTORS, HARDWARE GSA CONTRACT GS-35F-0275S OLM SIN	1	\$1,427.37	\$1,427.37
			Subtotal	\$52,647.50

Room Support and Maintenance

Elite Maintenance Services - Room; 12-months

\$2,685.00

Equipment Total \$52,647.50

Installation Materials \$0.00

Professional Services \$31,994.00

Direct Costs \$3,000.00

General & Administrative \$0.00

Services - Room Support and Maintenance \$2,685.00

Subtotal **\$90,326.50**

For informational purposes only – all Purchase Orders must match Investment Summary details.

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Room Summary - Executive Conference Room

Equipment List

Mfg	Description	Qty	Unit Price	Extended Price
LG ELECTRONICS	LCD, 75" 4K/UHD SMART LED W/3YR WARRANTY WITH WIFI - TAA GSA CONTRACT GS-35F-0275S	1	\$2,026.47	\$2,026.47
CHIEF	MOUNT, FUSION MICRO-ADJ TILT WALL MOUNT, EXTRA LARGE OPEN MARKET	1	\$224.14	\$224.14
LOGITECH	CONFERENCING KIT, CAMERA , SPEAKERS & MICROPHONES OPEN MARKET	1	\$2,394.89	\$2,394.89
LOGITECH	RALLY MOUNTING KIT OPEN MARKET	1	\$142.45	\$142.45
LOGITECH	RALLY MIC POD HUB OPEN MARKET	1	\$236.56	\$236.56
LOGITECH	MICROPHONE POD, ADD ON MIC, OMNI DIRECTIONAL OPEN MARKET	1	\$330.48	\$330.48
EXTRON ELECTRONICS	SWITCHER, FOUR INPUT HDMI W/EDID MINDER 4K OPEN MARKET	1	\$350.00	\$350.00
BARCO ELECTRONICS, INC.	CLICKSHARE COMPLETE STARTER PKG, CS-100 OPEN MARKET	1	\$900.00	\$900.00
VARIES	ORDER LEVEL MATERIALS: CABLE, CONNECTORS, HARDWARE GSA CONTRACT GS-35F-0275S	1	\$208.00	\$208.00
			Subtotal	\$6,812.99

Room Support and Maintenance

Elite Maintenance Services - Room; 12-months **\$298.00**

Equipment Total	\$6,812.99
Installation Materials	\$0.00
Professional Services	\$2,258.00
Direct Costs	\$0.00
General & Administrative	\$0.00
Services - Room Support and Maintenance	\$298.00
Subtotal	\$9,368.99

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Room Summary - Conference Room 1

Equipment List

Mfg	Description	Qty	Unit Price	Extended Price
LG ELECTRONICS	LCD, 75" 4K/UHD SMART LED W/3YR WARRANTY WITH WIFI - TAA GSA CONTRACT GS-35F-0275S	1	\$2,026.47	\$2,026.47
CHIEF	MOUNT, FUSION MICRO-ADJ TILT WALL MOUNT, EXTRA LARGE OPEN MARKET	1	\$224.14	\$224.14
LOGITECH	CONFERENCING KIT, CAMERA , SPEAKERS & MICROPHONES OPEN MARKET	1	\$2,394.89	\$2,394.89
LOGITECH	RALLY MOUNTING KIT OPEN MARKET	1	\$142.45	\$142.45
LOGITECH	RALLY MIC POD HUB OPEN MARKET	1	\$236.56	\$236.56
LOGITECH	MICROPHONE POD, ADD ON MIC, OMNI DIRECTIONAL OPEN MARKET	1	\$330.48	\$330.48
EXTRON ELECTRONICS	SWITCHER, FOUR INPUT HDMI W/EDID MINDER 4K OPEN MARKET	1	\$350.00	\$350.00
VARIES	ORDER LEVEL MATERIALS: CABLE, CONNECTORS, HARDWARE GSA CONTRACT GS-35F-0275S	1	\$208.00	\$208.00
			Subtotal	\$5,912.99

Room Support and Maintenance

Elite Maintenance Services - Room; 12-months	\$298.00
Equipment Total	\$5,912.99
Installation Materials	\$0.00
Professional Services	\$2,258.00
Direct Costs	\$0.00
General & Administrative	\$0.00
Services - Room Support and Maintenance	\$298.00
Subtotal	\$8,468.99

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Room Summary - Conference Room 2

Equipment List

Mfg	Description	Qty	Unit Price	Extended Price
LG ELECTRONICS	LCD, 75" 4K/UHD SMART LED W/3YR WARRANTY WITH WIFI - TAA GSA CONTRACT GS-35F-0275S	1	\$2,026.47	\$2,026.47
CHIEF	MOUNT, FUSION MICRO-ADJ TILT WALL MOUNT, EXTRA LARGE OPEN MARKET	1	\$224.14	\$224.14
LOGITECH	CONFERENCING KIT, CAMERA , SPEAKERS & MICROPHONES OPEN MARKET	1	\$2,394.89	\$2,394.89
LOGITECH	RALLY MOUNTING KIT OPEN MARKET	1	\$142.45	\$142.45
LOGITECH	RALLY MIC POD HUB OPEN MARKET	1	\$236.56	\$236.56
LOGITECH	MICROPHONE POD, ADD ON MIC, OMNI DIRECTIONAL OPEN MARKET	1	\$330.48	\$330.48
EXTRON ELECTRONICS	SWITCHER, FOUR INPUT HDMI W/EDID MINDER 4K OPEN MARKET	1	\$350.00	\$350.00
VARIES	ORDER LEVEL MATERIALS: CABLE, CONNECTORS, HARDWARE GSA CONTRACT GS-35F-0275S	1	\$208.00	\$208.00
			Subtotal	\$5,912.99

Room Support and Maintenance

Elite Maintenance Services - Room; 12-months

\$298.00

Equipment Total	\$5,912.99
Installation Materials	\$0.00
Professional Services	\$2,258.00
Direct Costs	\$0.00
General & Administrative	\$0.00
Services - Room Support and Maintenance	\$298.00
Subtotal	\$8,468.99

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Room Summary - Conference Room 3

Equipment List

Mfg	Description	Qty	Unit Price	Extended Price
LG ELECTRONICS	LCD, 75" 4K/UHD SMART LED W/3YR WARRANTY WITH WIFI - TAA GSA CONTRACT GS-35F-0275S	1	\$2,026.47	\$2,026.47
CHIEF	MOUNT, FUSION MICRO-ADJ TILT WALL MOUNT, EXTRA LARGE OPEN MARKET	1	\$224.14	\$224.14
LOGITECH	CONFERENCING KIT, CAMERA , SPEAKERS & MICROPHONES OPEN MARKET	1	\$2,394.89	\$2,394.89
LOGITECH	RALLY MOUNTING KIT OPEN MARKET	1	\$142.45	\$142.45
LOGITECH	RALLY MIC POD HUB OPEN MARKET	1	\$236.56	\$236.56
LOGITECH	MICROPHONE POD, ADD ON MIC, OMNI DIRECTIONAL OPEN MARKET	1	\$330.48	\$330.48
EXTRON ELECTRONICS	SWITCHER, FOUR INPUT HDMI W/EDID MINDER 4K OPEN MARKET	1	\$350.00	\$350.00
VARIES	ORDER LEVEL MATERIALS: CABLE, CONNECTORS, HARDWARE GSA CONTRACT GS-35F-0275S	1	\$208.00	\$208.00
			Subtotal	\$5,912.99

Room Support and Maintenance

Elite Maintenance Services - Room; 12-months

\$298.00

Equipment Total	\$5,912.99
Installation Materials	\$0.00
Professional Services	\$2,258.00
Direct Costs	\$0.00
General & Administrative	\$0.00
Services - Room Support and Maintenance	\$298.00
Subtotal	\$8,468.99

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Services & Support

Global Support and Maintenance

AVI-SPL’s Global Support and Maintenance offerings provide world-class services designed to help you achieve the most uptime and the best return on investment (ROI) from your technology. We apply our 40 years of experience with 700+ manufacturer technologies to be the services partner you can count on.

Service Levels Available:

	Essential (T&M)	Enhanced	Elite
Unlimited Remote Help Desk, 24x7		●	●
Unlimited Onsite Support, 8x5			●
In Manufacturer-Warranty Hardware	●	●	●

Support Services are provided on a per-room or per-project basis.

Essential (Time & Materials)

Full suite of Global Support offerings available in a noncontract form, all billable at standard AVI-SPL rates.

Billable Offerings:

- Remote Help Desk, 24x7 Specialist Remote Support
- On-site Technical Dispatch
- Parts Repair and Replacement

Enhanced

- Offers unlimited remote help desk support – available 24x7x365.
- Facilitates the repair or replacement of manufacturer programs for applicable hardware.
- Access to software updates and upgrades for hardware covered by manufacturer program.
- Use of online incident reporting tool for easy ticket awareness.
- Eligibility for discounted hourly rates when other Global Support services not included in the Enhanced offering are requested.

Elite

- Repair or replacement programs of manufacturer programs for applicable hardware.
- Access to software updates and upgrades for manufacturer program covered hardware.
- Insight into an online incident reporting tool for easy ticket awareness.
- Eligibility for discounted hourly rates when other Global Support services not included in the Enhanced offering are requested

AVI-SPL Global Support and Maintenance PLUS Options

Plus Options are available at an additional cost.

Our Global Support and Maintenance PLUS Options are additions to the standard offering, customized to your unique environment. PLUS options allow us to take on more of the risk associated with aging equipment, help prevent unexpected expenses, and provide an accelerated on-site response time to get spaces up and running. Add one or multiple options to enable the flexibility needed.

Extended Hardware Warranty	Corrective Maintenance Visit
Accelerated Onsite Response: 4 Hour or Next Business Day	Loaner Equipment
Preventative Maintenance Check	Consumable Replacement

Extended Hardware Warranty*

We cover repair or replacement cost of malfunctioning equipment. Unforeseen expenses drop significantly as we assume the risk of replacement parts of aging equipment.

*Owner Furnished Equipment not Included

Enhanced On-site Response

Optional Next Business Day or four-hour on-site response (each purchased separately) provide the fastest response possible to keep mission-critical situations from escalating.

*Not available in all areas. Subject to AVI-SPL approval

Preventative Maintenance Check

Discover a potential issue before a meeting. On-site visits work around scheduled use of space to ensure equipment is kept in optimal operating conditions. On-site technicians complete a standard checklist and make recommendations to enhance reliability, features, and security.

Corrective Maintenance Visit

On-site maintenance visits can be purchased up-front and scheduled after a fault has been found to resolve a hardware or software issue and bring the room back to operating specifications.

Loaner Equipment

We reduce downtime by keeping rooms fully functional while a final repair is executed. We provide a functionally equivalent piece of equipment.

*Not available in all areas. Subject to AVI-SPL approval

Consumable Replacement

Proper maintenance is essential to ensuring equipment reaches its maximum lifespan. Mitigate unknown expenses by including high-volume points of failure (examples include: lamps, bulbs, filters, fuses, batteries).

*Not available in all areas. Subject to AVI-SPL approval

On-site Managed Services

As you expand your technology collaboration estate and adoption and usage becomes a must for return on investment, you may find you require in-house technical resources. However, understanding what you need, what skill set is required, and how to find the resources can be outside of your expertise. The added responsibility of job growth and training can also create undo pressures on your organization or departments. AVI-SPL On-site Managed Services (herein referred to as OMS) allows you to have the full-time resource without taking on the full-time responsibility, with the added benefit of OMS resources being supported by the #1 integrator and four GSOCs.

Understanding that every organization is unique, we will custom design all managed services deployments to ensure your needs are fully met.

Managed services can include, but are not limited to:

- Meeting Support
- Break/Fix Support
- Concierge Services
- Proactive Maintenance
- System Administration and Management

Common Staff Roles Deployed:

On-site Meeting Support Professional

- Setup and teardown of all scheduled on-site meetings
- Daily system checks to ensure equipment and room functionality
- Escalate when required to Service Provider
- Remote testing for local and regional offices
- “White glove” level of customer support to all clients
- Ensure all AV spaces are presentable for use

On-site Maintenance Technician

- Preventative maintenance to ensure equipment and room is ready for use
- Defective/failed equipment identification and incident management/ownership
- Cooperate with client and AVI-SPL support teams to provide remediation
- Interface to manufacturers, developers, engineers and project managers
- Remote troubleshooting for local and regional offices
- Reporting and adherence to service levels agreements

On-site Management

- Manage all AVI-SPL on-site personnel
- Ensure proper maintenance of AV/VTC real estate
- Ensure proper meeting and event support
- Interface with customer stakeholders at all levels
- Support reporting and analytics as needed to drive Continuous Service Improvement, improved end user satisfaction, and maximize customer’s return on investment

AVI-SPL Symphony: User Experience Management Application

AVI-SPL Symphony is a User Experience Management Application for collaboration technologies that simplifies user engagement, improves meeting success, and enables business outcomes. It is a multi-tenant cloud-based application, focused on monitoring, controlling, scheduling, ticketing, and analyzing of the supporting meeting technology estate within your organization. Deploying Symphony provides an integrated end-to-end collaboration workflow, a single-pane view into the supporting technology estate, and actionable business intelligence. This drives the desired user experience and adoption.

Symphony's simple, clean interfaces provide in-depth looks into the system to easily identify problems and troubleshoot and resolve system issues. Proactive management enables you to save the meeting before end users are impacted. Analytics enable problem management, root cause analysis, and other actionable business intelligence to enable your organization to make improvements with confidence.

Providing the deepest look into complete environments, Symphony natively integrates with a variety of devices to provide rich monitoring, ticketing applications, and scheduling applications.

Highlights of the Symphony application include:

Integrated Workflow



Activate services from your native workflow. Symphony combines trouble tickets, scheduling, and cloud video service launching into a centralized operation. Integrating with third-party applications and platforms delivers a global lens into your investments and provides a seamless meeting experience.

Single-Pane View



View your entire environment – not just a piece of it – from one portal. With the vast number of manufacturers being deployed in a collaboration environment, management of technologies is resulting in technical resources and administrators operating different tools depending on the technologies in place. With a single portal to see the health, scheduling, and ticketing of rooms, you can proactively monitor and resolve before meetings and users are impacted.



Actionable Business Intelligence

Technology investments are targeted to enable business success. It's important that you know where your teams are engaging with technology, how your technology is fairing, and that you're maximizing technology and real estate investment. Symphony provides the data behind your environments – you'll be able to see if your teams prefer huddle spaces in San Diego or conference rooms in Boston.

General Terms and Conditions

1. Applicability of Terms

1.1 These General Terms and Conditions (together with any addenda attached hereto and incorporated herein by this reference, the "Terms and Conditions") and the accompanying Audiovisual Solutions Proposal (the "Proposal") are the only terms and conditions which govern the sale of the equipment and any related software (the "Products") and services (the "Services") specified in the Proposal by Audio Visual Innovations, Inc. or Signal Perfection Ltd. (as applicable, "Seller") to the buyer/customer identified in the Proposal ("Buyer"). Seller and Buyer may be individually referred to as a "Party" and collectively as "Parties."

1.2 The Terms and Conditions and the Proposal (collectively, the "Agreement") comprise the entire agreement between the parties, and supersede all prior or contemporaneous understandings, agreements, negotiations, representations and warranties, and communications, both written and oral. In the event of a conflict or inconsistency between the General Terms and Conditions and any addendum, the addendum shall prevail to the extent of such conflict or inconsistency. In the event of a conflict between the Terms and Conditions and the Proposal, the Terms and Conditions shall prevail to the extent of such conflict or inconsistency. Notwithstanding anything herein to the contrary, if a master services agreement signed by both Parties is in effect covering the sale of the Products and Services that are the subject of the Proposal, the terms and conditions of said agreement shall prevail to the extent they conflict or are inconsistent with these Terms and Conditions.

2. Acceptance and Modification of Terms

2.1 This Agreement shall not be binding upon Seller until accepted by Buyer as set forth in this sub-Section 2.1 and the earlier of Seller's confirmation in writing of Buyer's order and Seller's performance under the applicable Proposal. Buyer's signed acceptance of the Agreement, issuance of order against the Agreement, payment for any of the Products or Services contained in the Agreement, or receipt of the Products or Services contained in the Agreement, whichever occurs first, shall constitute Buyer's acceptance of this Agreement.

2.2 Any modification, addition to, or waiver of any of this Agreement shall not be effective unless in writing and signed by an authorized representative of Seller, and any different or conflicting terms appearing in Buyer's purchase order or other documents are expressly rejected by Seller. No relaxation, forbearance or indulgence by a Party in enforcing any of the terms and conditions of this Agreement or the granting of any time to the other Party shall prejudice or restrict the rights and powers of a Party hereunder, nor shall waiver of any breach hereof operate as a waiver of any subsequent or continuing breach hereof.

3. Delivery

3.1 Seller will use its best efforts to deliver the Products in accordance with the Buyer requested delivery date, subject to receipt of all necessary information from Buyer and Buyer's compliance with Seller's reasonable instructions for site readiness. Shipping dates are approximate only, and Seller shall not be liable for failures of or delays in manufacture, delivery or installation resulting from any cause or causes beyond its reasonable control and without its fault or negligence.

3.2 Any delay due to causes beyond Seller's reasonable control and without Seller's fault or negligence shall extend delivery dates to the extent caused thereby. Seller will use reasonable efforts to timely notify Buyer in the event of a delay. Buyer shall reimburse the Seller its reasonable additional expenses resulting from any Buyer-caused delay. When delivery of the Products is delayed at the request of the Buyer and the Products have already been shipped by Seller's vendor, Seller will place the Products in storage and invoice Buyer the price of such Products, which will be promptly paid. Seller shall not be liable, and the Buyer shall have no right to cancel or rescind this Agreement, in the event of any delay due to causes beyond Seller's reasonable control and without Seller's fault or negligence, and Buyer shall accept such delayed performance by Seller. The Buyer's receipt of the Products shall constitute a waiver of any claims for delay.

4. Billing and Payment Terms

Unless otherwise agreed in writing by Buyer and Seller in the Proposal, the total Proposal price, excluding the price for Stand-alone Services (as defined in this section), shall be billed as follows: 50% down payment at time of order, 40% upon delivery at Seller; 10% upon project completion and Buyer sign-off or first beneficial use, whichever occurs first, payable net 30 from Buyer's receipt of invoice. For purposes of this Agreement, "Stand-alone Services" means any Services not attached to an installation project. Unless otherwise specified in the Proposal, Products are sold F.O.B. origin-Buyer to pay all shipping charges. If this Proposal covers Products or Services for more than one system, room, suite, or location, for purposes of payment in accordance with payment terms stated on the face hereof each room, suite, or location shall be treated as if the subject of a separate sale and payment made accordingly. Unless otherwise specified in the Proposal, all pricing and amounts are in US Dollars and all billing and payment shall be made in US Dollars.

5. Buyer in Arrears or Default

In the event Buyer is in arrears with any payment whatsoever due from it to Seller at any time, whether in respect of the Proposal price or any other amount due from the Buyer to the Seller under the terms of this Agreement, the amount in arrears shall bear interest at the rate of 1.5% per month or the maximum rate permitted by applicable law, whichever is less, as from the date each amount falls due, pending actual payment thereof in full, without prejudice to any relief or remedy available to Seller. In the event of Buyer's default, Seller may, without notice, peaceably enter any premises in which the Products are located and remove, hold and sell them in accordance with applicable law, to satisfy in whole or in part Buyer's obligations.

6. Title and Risk of Loss

6.1 Title to the Products shall pass to Buyer upon delivery, subject to the manufacturer's or Seller's software license (if applicable) and a purchase money security interest retained by Seller in the Products sold and the proceeds thereof until payment of all amounts then due to Seller. Seller shall be entitled to remove the Products from the Buyer's premises if all payments are not made when due. Buyer agrees to reasonably cooperate with Seller in the execution and filing of financing statements under the Uniform Commercial Code or other documents as Seller reasonably requests to protect its security interest.

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6.2 Risk of loss or damage to the Products or any part thereof shall pass to the Buyer upon delivery.

7. Installation and Site Preparation

7.1 Installation (e.g. field assembly, interconnection, equipment calibration and checkout) is to be performed by the Seller's trained technical employees. The Seller shall be entitled to employ subcontractors and/or agents to assist in or carry out, in whole or in part, the installation. In the event installation by Seller employees is prevented by trade unions, the Buyer shall arrange with the trade unions at its own expense to complete installation. The Seller is thereafter liable only for engineering supervision of installation.

7.2 The Seller shall reasonably coordinate and cooperate with other trades to facilitate satisfactory work progress. If the Seller's work in progress is impeded by other trades and/or contractors (excluding the Seller's own subcontractors) or by scheduling delays due to the Buyer, time delays in the final installation as well as additional charges, including labor, travel and other reasonable expenses, may result.

7.3 The Buyer shall be responsible for preparing, at its own expense, the installation site in accordance with the Seller's reasonable instructions, including the requirements specified in the Proposal. In no event shall the Seller be responsible for any high voltage electrical work, ceiling modifications, structural modifications, or mechanical systems modifications. Unless otherwise agreed in writing in the Proposal, Buyer shall provide the Seller with source code for any non-Seller programmed remote control system required to be modified under the terms of this Agreement.

8. Access to Project Site

8.1 The Buyer shall provide the Seller with reasonable access to the installation site before delivery, for purposes of determining site readiness for installation, and shall designate an individual on Buyer's staff to serve as a contact person for all site preparation and installation issues. Buyer shall provide the Seller with free access to the installation site for the purpose of preparation for installation.

8.2 Buyer shall obtain at its expense and keep effective all permissions, licenses, and permits whenever required in connection with the installation and/or use of the Products and the premises where the Products shall be situated.

9. Warranty

9.1 Seller warrants that:

(a) Immediately prior to delivery, it had good title to the Products, free from any lien or encumbrance unless otherwise specified;

(b) For a period of ninety (90) days from delivery and acceptance of the Products and Services, or, with respect to Products manufactured by a third party, such longer period of time provided by such manufacturer, the Products and Services will (i) be free from defects in materials or workmanship and (ii) conform to the requirements of the Proposal, including any instructions, specifications and documentation incorporated therein;

(c) It is in compliance with all applicable federal, state and local laws, regulations and standards relating to the sale and transportation of the supplies or items, and provision of the Products including all applicable U.S. and foreign anti-corruption laws, including without limitation, the U.S. Foreign Corrupt Practices Act ("FCPA"); and

(d) With respect to Services, Seller's personnel shall possess the requisite level of training, skill and experience to address the requisite tasks efficiently and will

perform the Services provided hereunder in a professional and workmanlike manner consistent with generally accepted industry standards.

9.2 Seller shall not be liable for nor have any warranty obligations with respect to Products that are in any way misused, altered and/or repaired by someone other than a representative of the Seller which, within the sole, reasonable judgment of the Seller, results in an adverse effect, including effects upon performance or reliability of the Products.

9.3 In order to make a warranty claim, Buyer shall promptly notify Seller in writing and Seller will, subject to the applicable manufacturer's warranty policy, repair or replace such defective Product at no cost to Buyer. Seller will attempt to reply to warranty claims received from Buyer prior to 1:00 p.m. within forty-eight hours. Normal working hours are 8 a.m. to 5 p.m., Monday through Friday, excluding legal holidays. Buyer shall reasonably and promptly cooperate with Seller's request for information regarding the claim and with return of the defective Product if required.

9.4 Except as otherwise specified in this Agreement, no warranty whatsoever is provided by the Seller hereunder as to Products manufactured by anyone other than the Seller, including but not limited to, cables, lamps, batteries, glassware, and evacuated devices (including valve, cathode ray tubes, and other special electron tubes). Seller's sole obligation with respect to Products manufactured by someone other than Seller shall be to pass through the applicable warranties, if any, provided by the manufacturer. THE WARRANTIES SET FORTH IN THIS AGREEMENT ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, WHETHER WRITTEN OR ORAL, IMPLIED OR STATUTORY. NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE SHALL APPLY.

10. Buyer Responsibilities

Buyer or any user of the Products shall (i) notify Seller as soon as any unusual operating peculiarity appears, and (ii) operate the Products in a safe and competent manner in strict compliance with the Product specifications and operating procedures and applicable laws and government regulations. In the event the Buyer or any user of the Products fails to comply with this Section 10, Seller's warranties and its obligations hereunder shall terminate without notice to Buyer.

11. Limitation of Liability and Exclusion of Damages

TO THE FULLEST EXTENT ALLOWED BY APPLICABLE LAW, IN NO EVENT WILL EITHER PARTY BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL, SPECIAL, EXEMPLARY, OR INDIRECT DAMAGES, LOST BUSINESS PROFITS, OR LOSS, DAMAGE OR DESTRUCTION OF DATA, ARISING OUT OF OR IN ANY WAY RELATED TO THIS AGREEMENT AND THE RELATIONSHIP AND/OR DEALINGS BETWEEN BUYER AND SELLER, REGARDLESS OF THE FORM OF ACTION, WHETHER IN CONTRACT, TORT (INCLUDING NEGLIGENCE), BREACH OF WARRANTY OR OTHERWISE, EVEN IF SUCH PARTY HAS BEEN ADVISED AS TO THE POSSIBILITY OF SAME. EXCEPT FOR SELLER'S GROSS NEGLIGENCE, WILLFUL MISCONDUCT OR FRAUD, SELLER'S AGGREGATE LIABILITY ARISING OUT OF OR RELATED TO THIS AGREEMENT SHALL NOT EXCEED THE TOTAL AMOUNT PAID OR PAYABLE BY BUYER UNDER THIS AGREEMENT. THE ABOVE LIMITATION WILL APPLY WHETHER AN ACTION IS IN CONTRACT OR TORT AND REGARDLESS OF THE THEORY OF LIABILITY.

12. Taxes

12.1 Any and all taxes levied or based on the prices in this Agreement, or the Products being sold hereunder, exclusive of any taxes based on net income, shall be added to the purchase prices set forth in the Proposal, except to the extent the Buyer provides the Seller with a valid tax exemption certificate approved by Seller.

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12.2 All payments to be made hereunder shall be made in cleared funds, without any deduction or set-off and free and clear of and without deduction for or on account of any taxes, levies, imports, duties, charges, fees and withholdings of any nature now or hereafter imposed by any governmental, fiscal or other authority save as required by law. If Buyer is compelled to make any such deduction, it will pay to Seller such additional amounts as are necessary to ensure receipt by Seller of the full amount which Seller would have received but for the deduction.

13. Confidentiality

13.1 Each Party may from time to time during the Agreement, in the course of discussions or dealings with each other, receive or learn, orally, visually or through any tangible medium, certain information regarding the other Party's business, including but not limited to, its products, inventions, operations, methodologies, systems, processes, product development plans or intentions, know-how, designs, trade secrets, market opportunities, business or financial affairs, and technical, marketing, financial, employees, planning, intellectual property and other confidential or proprietary information ("Confidential Information"). Confidential Information does not include, and the restrictions in this Agreement shall not apply with respect to, information (i) possessed by or independently developed by the receiving Party prior to any disclosure, (ii) obtained from sources other than the disclosing Party, which sources had no obligation of confidentiality to disclosing Party with respect to the Confidential Information, or (iii) which is within the public domain when disclosed or becomes part of the public domain after disclosed to the receiving Party without fault on the part of the receiving Party. Seller's Confidential Information also includes the terms of this Agreement.

13.2 The Confidential Information of a Party belongs to that Party. The receiving Party will not disclose the Confidential Information of the disclosing Party to any third party without the disclosing Party's prior written consent. The receiving Party will not use the Confidential Information of the disclosing Party for any purpose not expressly permitted by this Agreement or to carry out the Services or the sale of Products, and will disclose the Confidential Information of the disclosing Party only to the employees or contractors of the receiving Party who have a need to know such Confidential Information for purposes of carrying out the Services or the sale of Products and who are under a duty of confidentiality no less restrictive than the receiving Party's duty hereunder. Receiving Party will protect the disclosing Party's Confidential Information from unauthorized use, access, or disclosure in the same manner as the receiving Party protects its own confidential or proprietary information of a similar nature and with no less than reasonable care.

13.3 Receiving Party will, upon completion or termination of this Agreement or promptly upon request from the disclosing Party, return or destroy all Confidential Information of the disclosing Party, including any documents or materials that contain any Confidential Information of the disclosing Party. Notwithstanding anything to the contrary in this Agreement, the receiving Party (i) may retain one (1) copy of the disclosing Party's Confidential Information solely for archival, audit, disaster recovery, legal or regulatory purposes and (ii) will not be required to search archived electronic back-up files of its computer systems for the disclosing Party's Confidential Information in order to purge the disclosing Party's Confidential Information from its archived files; provided, however, that the receiving Party must (i) maintain its confidentiality under this Agreement as if it were still in effect, and (ii) not use the retained Confidential Information of the disclosing Party for any other purpose.

13.4 The Parties recognize that a violation of this Section 13 can cause irreparable harm to the business of the disclosing Party that could not be adequately compensated by the payment of money damages and agree that the disclosing Party may seek injunctive relief against any actual or threatened breach of this Section 13

in addition to any other available legal and equitable remedies. The prevailing Party in any action to enforce this Section 13 shall be entitled to recover from the non-prevailing Party reasonable attorneys' fees in addition to other relief granted in such action.

14. Force Majeure

Except for payment for amounts due under the Agreement, neither Party will be liable to the other for delays or failures to perform occasioned by causes beyond its reasonable control and without its fault or negligence. Such acts or events shall include but not be limited to, acts of God, civil or military authority, civil disturbance, riot, fire, strikes, lockouts or slowdowns, factory or labor conditions, inability to obtain necessary labor, materials or manufacturing facilities, and delayed issuance of export control licenses. In the event of such delays or failures to perform, any dates or times by which either Party is otherwise scheduled to perform shall be extended automatically for a period of time equal in duration to the additional time required because of the delay or failure to perform. The Party claiming force majeure shall promptly inform the other Party of any event of force majeure, and its expected duration and cessation. The Party claiming force majeure shall use its best efforts to mitigate such effects to the extent reasonably practicable.

15. Restocking Fees

In the event Buyer wishes to return any Products based on reasons outside of Seller's control, including but not limited to Buyer's cancellation or termination of this Agreement or any portion thereof for its convenience, Buyer agrees, in addition to any other amounts due under this Agreement, to reimburse Seller for any and all third party cancellation/restocking fees incurred by Seller.

16. Termination

16.1 Seller may, without prejudice to any rights or remedies available to Seller under this Agreement, at law or in equity, terminate this Agreement immediately for cause in the event Buyer breaches a material term of this Agreement (it being understood that Buyer's payment obligations shall constitute a material term) and such breach is not cured within thirty (30) days after written notice thereof. Seller may also, without prejudice to any rights or remedies available to Seller under this Agreement, at law or in equity, terminate this Agreement immediately for cause upon written notice if Buyer: (i) breaches a material term of this Agreement and such breach is incapable of cure, (ii) fails on multiple occasions to pay any amounts when due, (iii) is declared insolvent or adjudged bankrupt by any court of competent jurisdiction, or (iv) makes an assignment for the benefit of creditors, or a petition in bankruptcy or reorganization or an arrangement with creditors is filed by or against Buyer and not dismissed within thirty (30) days. Upon Seller's termination of this Agreement for cause, without waiving or otherwise limiting any other remedies available to Seller under this Agreement, at law or in equity, Buyer shall become immediately liable for any outstanding charges for Products delivered and/or Services performed up to the date of termination, any third party restocking/cancellation fees incurred by Seller, and any interest on any and all past due charges as set forth in this Agreement.

16.2 Buyer may, without prejudice to any rights or remedies available to Buyer under this Agreement, at law or in equity, terminate this Agreement immediately for cause in the event Seller breaches a material term of this Agreement and such breach is not cured within thirty (30) days after written notice thereof. Buyer may also, without prejudice to any rights or remedies available to Buyer under this Agreement, at law or in equity, terminate this Agreement immediately for cause upon written notice if Seller: (i) breaches a material term of this Agreement and such breach is incapable of cure, (ii) is declared insolvent or adjudged bankrupt by any court of competent jurisdiction, or (iii) makes an assignment for the benefit of

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creditors, or a petition in bankruptcy or reorganization or an arrangement with creditors is filed by or against Buyer and not dismissed within thirty (30) days.

16.3 Buyer may, upon written notice to Seller, terminate this Agreement for its convenience provided, however, that Seller shall be paid for all Products delivered and Services performed up to the effective date of termination (less amounts already paid) plus reimbursed for any third party restocking/cancellation fees in accordance with Section 15.

16.4 Upon any expiration or termination of this Agreement, in addition to any other provisions of this Agreement that state survival after termination or expiration of this Agreement, and notwithstanding expiration, completion or termination of this Agreement, the Parties shall continue to be bound by the provisions of this Agreement that, by their nature, shall survive such completion or termination, including without limitation provisions relating to warranties, governing law and jurisdiction, and confidentiality.

17. Governing Law and Jurisdiction

17.1 This Agreement shall be interpreted in accordance with and governed in all respects by the laws of the State of Florida without giving effect to its conflicts of law rules. Any dispute related to, arising out of, or in connection with this Agreement shall be subject to the exclusive jurisdiction of the courts in Hillsborough County, Florida and the United States District Court for the Middle District of Florida. In the event of legal proceedings arising out of or relating to this Agreement, the prevailing Party, as determined by the court, shall be entitled to recover, from the non-prevailing Party, reasonable costs suffered or incurred in connection with such proceedings including, but not limited to, court fees, attorneys' fees, expenses and costs of investigation and court.

17.2 TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAWS, SELLER AND BUYER EACH WAIVE ANY RIGHTS WHICH EITHER MAY HAVE TO TRIAL BEFORE A JURY OF

ANY DISPUTE ARISING FROM, OR RELATED TO, THIS AGREEMENT. SELLER AND BUYER FURTHER STIPULATE AND CONSENT THAT ANY SUCH LITIGATION BEFORE A COURT OF COMPETENT JURISDICTION SHALL BE NON-JURY.

18. Miscellaneous

18.1 The Proposal shall be firm for the period shown on the face of the Proposal, subject to withdrawal or change by the Seller upon notice at any time prior to Buyer's acceptance. Notwithstanding the foregoing, the Seller shall have the right to amend the price of the Products to reflect current conditions that affect the price, including increase in raw material prices, and tariffs that had not been imposed at the time this Agreement was submitted to Buyer.

18.2 In providing the Products, Seller shall be deemed to be an independent contractor and its personnel and representatives shall not act as nor be Buyer's agents or employees. Seller shall have complete charge and responsibility for personnel employed or engaged by Seller.

18.3 Buyer may not assign any of its rights or obligations under this Agreement, including by purchase, merger or operation of law, without the prior written consent of Seller, which consent shall not be unreasonably withheld or delayed. Seller may assign this Agreement to any of its affiliates or any successor of all or substantially all of its business. Any attempted assignment or transfer in violation of this sub-Section 18.4 shall be null and void.

18.4 If any provision of this Agreement shall be held to be invalid, illegal, or unenforceable, the remaining terms of this Agreement shall in no way be affected or impaired.

Buyer Acceptance

Signed Name

Company Name

Printed Name, Title

Date

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Addendum to General Terms and Conditions – Software License

The following terms supplement and modify the General Terms and Conditions as they apply to Seller's provision of control system integration and programming as more particularly described in this Addendum and the Proposal. Any capitalized terms not otherwise defined herein shall have the meanings ascribed to them in the General Terms and Conditions.

1. License Grant and Ownership

1.1 Seller hereby grants to Buyer a worldwide, perpetual, non - exclusive, non - transferable license to all Software for its use in connection with the establishment, use, maintenance and modification of the control system implemented by Seller. The term "Software" for the purposes of this Software License shall refer to all source code, executable object code, and the patches, scripts, modifications, enhancements, designs, concepts or other materials that constitute the software programs necessary for the proper function and operation of the control system as delivered by Seller and accepted by Buyer.

1.2 Except as expressly set forth in this paragraph, Seller shall at all times own all intellectual property rights to the Software. Any and all licenses, product warranties or service contracts provided by third parties in connection with the Software or control system in which such Software is implemented shall be delivered to Buyer for the sole benefit of Buyer.

1.3 Buyer may supply to Seller or allow Seller to use certain proprietary information, including service marks, logos, graphics, software, documents and business information and plans that have been authored or pre-owned by Buyer. All such intellectual property shall remain the exclusive property of Buyer and shall not be used by Seller for any purposes other than those associated with delivery of the control system.

2. Copies, Modification and Use

2.1 Buyer may make copies of the Software solely for archival purposes and as required for modifications to the control system in which such Software is implemented. All copies and distribution of the Software shall remain within the direct control of Buyer and its representatives.

2.2 Buyer may make modifications to the source code version of the Software, if and only if the results of all such modifications are applied solely to the control system in which the Software is implemented. In no way does this Software License confer any right in Buyer to license, sublicense, sell, or otherwise authorize the use or distribution of the Software, whether in executable form, source code or otherwise, by any third parties, except in connection with the use of the control system for Buyer's internal business needs.

2.3 All express or implied warranties relating to the Software shall be deemed null and void in case of any modification to the Software made by any party other than Seller or Seller's authorized personnel.

3. Warranties and Representations

3.1 the Software and all intellectual property therein, are original to Seller or its third party licensors; and

3.2 the Software, as delivered by Seller as part of the control system, will not infringe or otherwise violate the intellectual property rights of any third party.

4. Indemnification

4.1 Seller hereby indemnifies and shall defend and hold harmless Buyer, its parent companies and its and their subsidiaries, affiliates, officers, directors, employees, agents and subcontractors from and against all liability, damages, loss, cost or expense, including but not limited to reasonable attorneys' fees and expenses, arising out of or in connection with any third party claims that the Software as delivered by Seller or any intellectual property therein infringes or otherwise violates any rights of any such third party. In no event will Seller have any obligations under this provision in the event such infringement results from (i) use of the Software or control system in which it is implemented in violation of this Software License, (ii) modification or alteration of the Software or the control system in which it is implemented by someone other than Seller or Seller's authorized personnel, (iii) content or specifications provided by Buyer, or (iv) use of the Software or control system in which it is implemented in combination with any other software, hardware, services or other materials other than as provided by Seller or authorized in the applicable manufacturer specifications.

4.2 Buyer hereby indemnifies and shall defend and hold harmless Seller, its parent companies and its and their subsidiaries, affiliates, officers, directors, employees, agents and third party licensors from and against all liability, damages, loss, cost or expense, including but not limited to reasonable attorneys' fees and expenses, arising out of or in connection with any third party claims that Buyer's use of the Software in contravention of the grant of rights in this Software License infringes or otherwise violates any rights of any such third party.

4.3 Upon the assertion of any claim or the commencement of any suit or proceeding against an indemnitee by any third party that may give rise to liability of an indemnitor hereunder, the indemnitee shall promptly notify the indemnitor of the existence of such a claim and shall give the indemnitor reasonable opportunity to defend and to settle the claim at its own expense and with counsel of its own selection. The indemnitee shall cooperate with the indemnitor, shall at all times have the full right to participate in such a defense at its own expense and shall not be obligated, against its consent, to participate in any settlement which it reasonably believes would have an adverse effect on its business.

5. Term and Termination

This Software License will automatically terminate upon the disassembly of the control system in which the Software is implemented, unless the control system is reassembled in its original configuration in another location. Seller may terminate this Software License upon notice for Buyer's failure to comply with any of the terms set forth in this Software License. Upon termination, Buyer is obligated to immediately destroy the Software, including all copies and modifications.

Addendum to General Terms and Conditions - Support and Maintenance Services

The following terms supplement and modify the General Terms and Conditions as they apply to Seller's provision of support and maintenance services as more particularly described in this Addendum and the Support and Maintenance Services Description (collectively, the "Services"). Any capitalized terms not otherwise defined herein shall have the meanings ascribed to them in the General Terms and Conditions.

1. Definitions

This Addendum contains defined terms and acronyms. The following definitions shall apply:

"Help Desk" means Seller's 24x7 global help desk as described in the Support and Maintenance Services Description and this Addendum;

"In-Warranty Hardware" means the covered equipment has an active, Manufacturer or third-party sponsored warranty program that can be exercised by the Buyer or by the Seller on behalf of the Buyer;

"Manufacturer" means an entity that produces hardware and / or software;

"Out-of-Warranty Hardware" means the covered equipment does not have an active, Manufacturer or third-party sponsored warranty program that can be exercised by the Buyer or by the Seller on behalf of the Buyer;

"Software Options" means optional functionality or features of software that may be selected at the time of purchase or later, and for which separate charges are assessed;

"Software Update" means software for which the Manufacturer has provided fixes or minor revisions to correct errors or defects in the existing operation of the software in accordance with the published product specifications, and which is limited to those updates that the Manufacturer generally provides to its customers at no charge. Software Updates do not include Software Upgrades or Software Options;

"Software Upgrade" means new releases of the software which contains enhancements improving the functionality or capabilities of the software, which Manufacturer may make available to its customers. Software Upgrades do not include Software Options; and

"Support and Maintenance Services Description" means that portion of the Proposal detailing the Services being purchased by Buyer.

2. Services Description

The Services purchased by Buyer are detailed in the Support and Maintenance Services Description.

3. Services Orders

Following Seller's order confirmation, Buyer agrees to provide a contact name, contact email address, and telephone number at the service location(s). Standard response times and service level agreements are not guaranteed until such information is received by the Help Desk.

Products specifically identified in the proposal will be eligible for Services. If Buyer elects to purchase any additional or optional services or features, additional fee(s) will be invoiced separately with payment terms as specified for such services.

4. Services Term

The Services shall commence upon installation project completion or, for Stand-alone

Services, upon Seller's confirmation of Buyer's order, and shall continue for the term specified in the Proposal, unless earlier terminated. Installation projects containing multiple phases or being performed over extended periods may include multiple completion milestones / service commencement dates. The Services shall expire at the conclusion of the term specified in the Proposal, unless earlier terminated. Notwithstanding anything to the contrary in the Terms and Conditions, Seller reserves the right to postpone commencement of the Services, upon written notice to Buyer, in the event of any delays that prevent Seller from commencing the Services on the original commencement date. In such case, Seller will provide a new Services commencement date and the term of the Services will commence as of that date and continue for the term specified in the Proposal, notwithstanding any specific dates contained in the Agreement or any other purchase documents. Invoicing and payment will be adjusted to align with the new commencement date of the Services.

5. Services Availability

Help Desk remote support is available on a 24x7 basis.

Unless otherwise noted in the Support and Maintenance Services Description, the Seller's field service technicians are available Monday through Friday from 8 AM to 5 PM local standard time, excluding legal holidays. For Buyers with service locations in the United Arab Emirates, the Seller's field service technicians are available Sunday through Thursday from 8 AM to 5 PM local standard time, excluding legal holidays.

Requirements to provide Services prior to or after the agreed upon hours of support must be agreed to by both Parties in advance and in writing and additional fees may apply.

6. Third Party Services

Seller may make third party services available to Buyer. Seller offers no guarantees and assumes no responsibility or liability of any kind with respect to third party services.

7. Software Updates, Upgrades, and Options

The Help Desk will assist with the provision of Software Updates, Upgrades, or Options when necessary to resolve a reported issue and when made available by the Buyer or Manufacturer. Depending on Services elected, additional charges may apply for proactive management of Software Updates, Upgrades, or Options and when specialist or onsite support of these activities is requested or required. Seller will not be liable for any issues, damages or disruption arising from a Software Update, Upgrade, or Option released by a third party.

8. Replacement Parts

Standard program: In-Warranty Hardware will be eligible for repairs or replacement parts and the use of advanced replacement programs in accordance with the Manufacturer's published warranty program.

Replaced parts will become the property of Seller or the Manufacturer. If replacement activity is performed by Buyer, the replaced parts must be returned per the Seller's

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direction within five (5) business days of receipt of the replacement part; otherwise, Buyer will be invoiced the full list price for the replaced part.

Depending on Services elected, additional charges may apply for onsite support of In-Warranty Hardware parts repair or replacement. Out-of-Warranty Hardware or other parts repair or replacement deemed to be out-of-warranty will be considered billable activity.

Optional program: Buyers who elect an extended hardware warranty as a component of their Services are eligible for repairs or replacement parts for Out-of-Warranty Hardware. The inclusion of this coverage must be incorporated into the Support and Maintenance Services Description and is further described therein.

9. Service Level Agreement

Help Desk response: Seller's Help Desk will provide an average speed of answer of sixty (60) seconds for support calls and will respond to new service requests made via email or web portal to its Help Desk within four (4) hours with case assignment notification.

Upon the Help Desk's determination that a dispatch is required, Seller's field service technicians will provide the onsite response aligned to the service level elected in the Support and Maintenance Services Description. The ability to meet this service level may be impacted by the Buyer's room availability, the requirement for replacement parts, and the reliance on a Buyer's third-party.

When a case is opened, the Help Desk will classify the case in accordance with the following incident priority classifications:

Priority 1 – core business or technology functionality unavailable resulting in work stoppage or significant impact to user experience

Priority 2 – a loss in functionality that compromises but does not prevent work completion or have significant impact to user experience

Priority 3 – issue that does not compromise work completion and therefore does not require immediate attention

Priority 4 – issue that can be scheduled such as a maintenance activity or scheduled replacement

10. Services Exclusions

Unless otherwise specified in the Support and Maintenance Services Description, Services do not cover any of the following: (i) electrical work and / or in-house cabling; (ii) repair or replacement resulting from natural disaster, fire, accident, neglect, misuse, vandalism, water, corrosion, power surges, unconditioned or fluctuating power, Buyer-provided network, or failure of the installation site to conform to Manufacturer specifications; or resulting from use other than intended purposes; or resulting from use with items not provided or approved by Seller; or resulting from the performance of maintenance or the attempted repair by persons other than Seller's employees or persons authorized by Seller; (iii) repair or replacement excluded by or no longer covered by the Manufacturer's repair and replacement program; (iv) furnishing supplies or accessories including consumables such as projection lamps, bulbs, filters, fuses, batteries and the labor to replace these items; (v) relocation services, or the addition or removal of items from or to other devices not furnished by Seller; (vi) damage to displays caused by screen burnout or image "burn-in"; and (vii) Services in connection with computer viruses or conflicts involving software that is not installed or introduced by Seller including coverage for Buyer-furnished product unless specifically listed as covered product.

Any modifications and / or additions made without Seller's prior written approval are at Buyer's sole risk and expense. If, in Seller's reasonable discretion, such modifications and / or additions cause defects, disruptions and / or malfunction, and Buyer requests Seller's assistance to correct the issue, Seller's assistance will be billable at Seller's then-current time and material rates.

11. Charges and Payment Terms

Unless otherwise specified in the Proposal, payment terms are net 30 days from Buyer's receipt of invoice. Unless otherwise specified in the Proposal, Stand-alone Services will be billed upon Seller's confirmation of Buyer's order. Any services provided that are not included in the Services will be billable as incurred.

12. Termination

Seller may immediately terminate the Services upon written notice in whole or in part for cause if any person other than a Seller employee or designated service representative alters covered equipment rendering it unsafe.

In the event of Buyer's early termination for cause, a pro-rated refund will be issued to the Buyer for the unused term of Services, except Buyer shall remain liable for (i) all non-refundable third-party fees incurred by Seller for prepaid expenses and (ii) all services performed during Services term. Services may not be terminated for convenience.

Seller reserves the right to terminate or modify available Services at any time in its sole discretion; provided, however, that any such termination or modifications will not affect any Services already ordered by Buyer and confirmed by Seller prior to such termination or modifications except as mutually agreed by both Parties.

13. Buyer Obligations

(a) Buyer shall provide Seller with all information, cooperation and access that Seller reasonably requests for remote diagnosis of the reported issue. Parts replacement and onsite service may not become available until the Help Desk is provided the appropriate information or support to diagnose the issue.

(b) If applicable, Buyer shall provide Seller personnel with timely access to service location and adequate working space at no charge to Seller.

(c) Buyer shall provide Seller's onsite managed services personnel with adequate working conditions that comply with all applicable labor, safety and health laws and regulations.

(d) Buyer will provide the necessary utility services for use in accordance with the Manufacturer's applicable published specifications.

(e) Buyer will be responsible for payment of parts and services provided by Seller that are not covered by the Services. Seller will obtain Buyer's written consent prior to providing the parts and / or services, which will be billable at Seller's then-current time and material rates.

(f) Seller strongly recommends that Buyer install and use a current, reputable anti-virus program in connection with any PC-based, open-architecture product, and that Buyer regularly updates and runs such anti-virus program, especially in connection with the emergence of any new viruses.

(g) Buyer is solely responsible for backing up its data. Seller will not under any circumstances have a duty to back up Buyer's data or to restore data that is lost in the course of Seller's provision of Services, or otherwise. Seller will not be liable for the

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loss of Buyer's data, whatever the reason for the loss, including without limitation as a result of Seller's negligence. The preceding limitation applies to any cause of action, whether based in contract, tort, or any other theory.

14. Solicitation

At no time during the term of the Services or for one (1) year thereafter, will Buyer directly or indirectly offer employment to any Seller employees who performs Services on behalf of Seller without Seller's express prior written consent. In the event that Buyer is in breach of this provision, Seller shall have the right to invoice Buyer, and Buyer agrees to pay, a sum equal to twelve (12) months' salary in respect of the hired individual. The foregoing restrictions shall not apply to solicitation through any general recruitment advertisement in the normal course of business, without specifically targeting or approaching the other Seller's employees.

15. Warranty and Limitation of Liability

SELLER WARRANTS FOR NINETY (90) DAYS FROM THE PERFORMANCE OF ANY SERVICES HEREUNDER THAT SUCH SERVICES SHALL BE PERFORMED IN A WORKMANLIKE MANNER CONSISTENT WITH GENERALLY ACCEPTED INDUSTRY STANDARDS. SELLER MAKES NO OTHER WARRANTY, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR OF MERCHANTABILITY. SELLER MAKES NO WARRANTY THAT OPERATION OF THE PRODUCT SERVICED WILL BE UNINTERRUPTED OR ERROR FREE. BUYER MUST PROMPTLY REPORT IN WRITING ANY BREACH OF THIS WARRANTY TO SELLER NO LATER THAN FIFTEEN (15) DAYS AFTER EXPIRATION OF THE ABOVE WARRANTY PERIOD, AND BUYER'S EXCLUSIVE REMEDY AND SELLER'S ENTIRE LIABILITY FOR ANY BREACH OF SUCH WARRANTY SHALL BE FOR SELLER TO RE-PERFORM THE SERVICES OR, IF SELLER IS UNABLE TO RE-PERFORM THE SERVICES AS WARRANTED, BUYER SHALL BE ENTITLED TO RECOVER THE PRORATED FEES PAID TO SELLER FOR THE NONCONFORMING SERVICES. SUBJECT TO THE EXCLUSION OF DAMAGES PROVISION CONTAINED IN THE GENERAL TERMS AND CONDITIONS, SELLER'S MAXIMUM LIABILITY FOR ALL OTHER DAMAGES WILL BE LIMITED TO ONE (1) YEAR'S SERVICE CHARGES. THIS LIMITATION OF LIABILITY IS CUMULATIVE AND NOT PER INCIDENT. SOME STATES OR JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES AND IN SUCH EVENT, THE FOREGOING EXCLUSIONS AND LIMITATIONS SHALL ONLY APPLY TO THE EXTENT PERMITTED BY APPLICABLE LAW.

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Security Center Integrated Security Solution UGI-20-19483

Proposal to Tampa Hillsborough Express Authority (THEA)

August 3, 2020

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1.0 UNICOM GOVERNMENT, INC.

UNICOM Government, Inc. (UGI) is a recognized information technology (IT) solutions leader and Unified Visual Communications (UVC) solutions technology integrator, focusing exclusively on Federal Government, state and local governments, and large systems integrators worldwide. For more than 35 years, UGI has been delivering maximum value to our customers by employing industry leaders, developing solutions to meet customer-specific challenges, and by teaming with global IT leaders such as Microsoft, Cisco, Symantec, HP, Extron, and Crestron. We combine our experienced engineers, broad range of products and services, and our extensive contract portfolio to best support our customers.

By combining both products and services, UGI is a one-stop shop providing customers with a single point of contact (POC) for all their IT and audio visual (AV)/video teleconferencing (VTC) needs. Headquartered in Northern Virginia, UGI has offices throughout the United States and supports clients both within the continental United States (CONUS) and outside of the continental United States (OCONUS) in areas such as:

- **Professional Services.** UGI provides a wide range of professional services in support of enterprise software, enterprise storage, networking and communications, mobile and wireless, and AV/VTC systems. UGI engineers provide our clients with the expertise necessary to design, build, and maintain complex network infrastructures and AV/VTC systems in support of today's information dependent applications. Our technical experts perform storage needs assessments and design, implement, and manage IT and AV/VTC infrastructure solutions that provide consolidated environments that support a cohesive and collaborative workspace.
- **Task Order Management.** The UGI Program Management Office runs multiple, complex programs for our Federal Government and state and local government clients. We have Project Management Professional (PMP)-certified Project Managers (PM) who support our government and System Integrator clients in task order management. Our PMs provide task order oversight, risk mitigation, project scheduling, staff management, and project reporting.
- **Procurement.** UGI supports our client's procurement needs through our website, unicomgov.com, which provides convenient, customized shopping zones to meet the specific and changing needs of our customers. Through the UGI Technology Practices, we are able to offer solutions that best respond to client needs and challenges by providing information on cutting edge technology and not simply quoting a requested list of products.
- **Logistics and Integration Management.** UGI has a proven logistics and integration practice available to our clients that can handle all equipment from warehouse and storage to integration and testing, and finally, to deployment. Every step in the process has been carefully thought out and documented and continues to go through our internal process improvement program. This ensures the highest level of customer satisfaction and quality allowing us to meet all customer-driven service level agreements (SLAs) and changing expectations.
- **Maintenance and Ongoing Support.** UGI and our partners are able to offer worldwide depot and onsite maintenance support. UGI offers first call support for complex, multi-product solutions, thus reducing the quantity of information client's must retain for warranty support. UGI provides onsite engineering support to provide hands on training and solution management.

UGI engineers provide our clients with the expertise necessary to design, build, and maintain complex network infrastructures in support of today's information dependent applications. Our technical experts assess, design, implement, and manage IT infrastructure solutions that provide consolidated environments that support critical data flows over multiple networks.

The UGI Focused Partner Program is a direct result of our experience in providing IT solutions to the government for more than 35 years. To provide total IT and AV/VTC solutions, we have formed partnerships with product vendors and professional services providers that meet exacting criteria in

providing the best support to our clients. We engage partners that share the UGI vision to provide products, services, and complete solutions who not only understand our client's missions, but the regulations, qualifications, clearances, budgets, deadlines, and metrics behind them as well.

For this effort, UGI is teamed with Security 101, (herein called "the UGI Team") to provide the subject matter expertise required for this effort.

2.0 SCOPE OF WORK

2.1 Access Control

The UGI Team will provide the following:

- Install one (1) new server for the Genetec Security Center software. Security Center will manage the Access Control, Video and Intrusion Systems from a single user interface. This includes the Warehouse Access Control Door and Vehicle Gate.
- Enter all of the Doors, Cameras and Alarm Devices into Security Center.
- Decommission and remove the existing Access Control Panels and Power Supplies in Comm Rm 226 on the 2nd floor.
- Install two (2) Access Control Enclosures in Comm 226 that will house the Access Control Boards, Power Supplies and Back-up Batteries.
- Pull composite cable from the 2nd floor Comm Rm 226 to 25 access controlled door located on the 1st, 2nd and 3rd floors and the Main Building Vehicle Gate.
- Install one (1) Access Control Enclosure, Power Supply, Controller and Output Board in Elev. Rm 103. The existing conduit will be reused.
- Install one (1) Access Control Enclosure , Power Supply, Controller and Output Board Elev. Rm 130. The existing conduit will be reused.
- Install one (1) Access Control Enclosure , Power Supplies, Controller and Reader Board in the Warehouse.
- Pull cable from the Warehouse Access Control Panel to the Warehouse exterior entry door and to the rear vehicle gate.
- Replace all 24 Card Readers at the doors in the Main Bldg. and 1 at the Warehouse with new HID Multi-class Card Readers. *The Long Range Readers for the Vehicle Gates will be reused.
- Install Card Readers inside the two elevators for elevator floor control. The cable to mount the Card Reader on the floor panel inside the cable must be pulled by others to where the Card Reader will be installed and the Card Reader must be mounted by the Elevator Company. Security 101 will terminate the Card Reader.
- Programming, Testing and Training will be provided upon completion.

2.1.1 Computer Stations

01. Server

Access Control Software	One (1) GSC Synergis Standard Package which includes: 1 Access Manager. Max. 64 readers, Max. 1 Access Manager, Max. 5 clients. (Genetec – GSC-Sy-S)
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Access Control Administrator

Computer #1	One (1) Existing or Customer Supplied
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Monitor #1	One (1) Existing or Customer Supplied
UPS	One (1) Existing or Customer Supplied

2.1.2 Communication Protocols

Warehouse

Fiber Optic Module	Two (2) SFP, CC, 1000BASE-SX, 1.25G, MM LC, 850NM, 550/220 (TRANSITION NETWORKS – TN-GLC-SX-MM-RGD)
Network Switch	One (1) HARDENED UNMANAGED SWITCH, 4-PORT GE POE+, 2 SFP, (TRANSITION NETWORKS – SISTP1040-342-LRT)
Power Supply	One (1) 25105 Industrial DIN Rail Mounted Power Supply 48VDC 120 Watt (TRANSITION NETWORKS – 25105)

2.1.3 Panel Locations

001 - Level 2 -Comm Rm 226

Backboard	One (1) Existing or Customer Supplied
Batteries	Six (6) 12V 7AMP BATTERY (ULTRATECH – 1270)
Control Panel	One (1) Mercury Intelligent Controller (Genetec – SY-LP1502)
Control Panel Accessory	One (1) Synergis Cloud Link with 2GB of RAM, 16GB Flash, image installed with Synergis access control firmware, four RS-485 ports, PoE. (Genetec – Sy-Cloudlink)
Network Switch	One (1) Existing or Customer Supplied
Power Supply – Locks	Two (2) Trove3M3 - two (2) eFlow104NB (10A@24VDC) power supplies, 2 - ACM8CB - 8 PTC output Access Power Controller. Labeled with Security101 and Powered by Altronix. (ALTRONIX CORP. – T3MK77F16DS1)
Reader Board Type #1	Twelve (12) Mercury MR52 2-reader interface module Series 3 (8 inputs, 6 relays, PCB only, software connections included) (Genetec – SY-MR52-S3)

002 - Level 1 - Elev. Equip Rm 103

Backboard	One (1) Existing or Customer Supplied
Batteries	Two (2) 12V 7AMP BATTERY (ULTRATECH – 1270)
Control Panel	One (1) Mercury Intelligent Controller (Genetec – SY-LP1502)
Network Switch	One (1) Existing or Customer Supplied

Output Board #1 One (1) Mercury MR16OUT 16-relay Output Control Module Series 3 (PCB only, software connections included) (Genetec – SY-MR16OUT-S3)

Power Supply - Control Panel One (1) Trove1M1 - eFlow4NB (4A@12/24VDC) power supply, ACM4 - 4 Fused Output Access Power Controller. Labeled with Security101 and Powered by Altronix. (ALTRONIX CORP. – T1MK1F4S1)

003 - Level 1 - Elev. Equip Rm 130

Backboard One (1) Existing or Customer Supplied

Batteries One (1) 12V 7AMP BATTERY (ULTRATECH – 1270)

Control Panel One (1) Mercury Intelligent Controller (Genetec – SY-LP1502)

Network Switch One (1) Existing or Customer Supplied

Output Board #1 One (1) Mercury MR16OUT 16-relay Output Control Module Series 3 (PCB only, software connections included) (Genetec – SY-MR16OUT-S3)

Power Supply - Control Panel One (1) Trove1M1 - eFlow4NB (4A@12/24VDC) power supply, ACM4 - 4 Fused Output Access Power Controller. Labeled with Security101 and Powered by Altronix. (ALTRONIX CORP. – T1MK1F4S1)

004 - Warehouse ACP

Backboard One (1) Existing or Customer Supplied

Batteries Two (2) 12V 7AMP BATTERY (ULTRATECH – 1270)

Control Panel One (1) Mercury Intelligent Controller (Genetec – SY-LP1502)

Network Switch One (1) Existing or Customer Supplied

Power Supply – Locks One (1) Trove1M1 - eFlow4NB (4A@12/24VDC) power supply, ACM4 - 4 Fused Output Access Power Controller. Labeled with Security101 and Powered by Altronix. (ALTRONIX CORP. – T1MK1F4S1)

2.1.4 Access Controlled Doors

001 - Level 1 - Entry Lobby 101 - Dbl Ext Door

Card Reader In One (1) RP15 MULTICLASS SE REV E LF STD HF STD/SIO/SEOS WIEG BLK PIG STD-1 LED RED FLSH GRN BZR ON CSN 32-BIT MSB IPM OFF (Genetec – 910PTNNEK00000)

Door Contact Two (2) SENTROL 1076 DPDT GRAY (INTERLOGIX-SENTROL US – 1076D-G)

Electric Lock 1	One (1) Existing or Customer Supplied
Exit Device - PIR	One (1) IS310 White Request to Exit Sensors HIS (Honeywell Integrated Security) – 0-000-361-01)

002 - Level 1 - Board Rm 138 - Dbl Int Door

Card Reader In	One (1) multiCLASS SE RP40 Contactless Smart Card Reader, Wall Switch with prox, black (Genetec – 920PTNTEK00000)
Door Contact	Two (2) SET 3/4STLDR W/TRMS WDGP W (G.R.I. – 8080-TWG-W)
Electric Lock 1	One (1) Existing or Customer Supplied
Exit Device - PIR	One (1) IS310 White Request to Exit Sensors (HIS (Honeywell Integrated Security) – 0-000-361-01)

003 - Level 1 - Corridor 107 - Dbl Int Door

Card Reader In	One (1) multiCLASS SE RP40 Contactless Smart Card Reader, Wall Switch with prox, black (Genetec – 920PTNTEK00000)
Door Contact	Two (2) SET 3/4STLDR W/TRMS WDGP W (G.R.I. – 8080-TWG-W)
Electric Lock 1	One (1) Existing or Customer Supplied
Exit Device - PIR	One (1) IS310 White Request to Exit Sensors (HIS (Honeywell Integrated Security) – 0-000-361-01)

004 - Level 1 - Corridor 107 / Board Rm 138 - Sgl. Int Door

Card Reader In	One (1) multiCLASS SE RP40 Contactless Smart Card Reader, Wall Switch with prox, black Genetec – 920PTNTEK00000)
Door Contact	One (1) SET 3/4STLDR W/TRMS WDGP W (G.R.I. – 8080-TWG-W)
Electric Lock 1	One (1) Existing or Customer Supplied
Exit Device - PIR	One (1) IS310 White Request to Exit Sensors (HIS (Honeywell Integrated Security) – 0-000-361-01)

005 - Level 1 - Stair A - Sgl. Int Door

Card Reader In	One (1) multiCLASS SE RP40 Contactless Smart Card Reader, Wall Switch with prox, black (Genetec – 920PTNTEK00000)
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Door Contact	One (1) SET 3/4STLDR W/TRMS WDGP W (G.R.I. – 8080-TWG-W)
Electric Lock 1	One (1) Existing or Customer Supplied
Exit Device - PIR	One (1) IS310 White Request to Exit Sensors (HIS (Honeywell Integrated Security) – 0-000-361-01)

006 - Level 1 - Corridor 107 - Sgl. Ext Door

This location has no equipment.

007 - Level 1 - Customer Help 114 - Sgl. Int Door

Card Reader In	One (1) multiCLASS SE RP40 Contactless Smart Card Reader, Wall Switch with prox, black (Genetec – 920PTNTEK00000)
Door Contact	One (1) SET 3/4STLDR W/TRMS WDGP W (G.R.I. – 8080-TWG-W)
Electric Lock 1	One (1) Existing or Customer Supplied
Exit Device - PIR	One (1) IS310 White Request to Exit Sensors (HIS (Honeywell Integrated Security) – 0-000-361-01)

008 - Level 1 - Vestibule 126 - Sgl. Int Door

Card Reader In	One (1) multiCLASS SE RP40 Contactless Smart Card Reader, Wall Switch with prox, black (Genetec – 920PTNTEK00000)
Door Contact	One (1) SET 3/4STLDR W/TRMS WDGP W (G.R.I. – 8080-TWG-W)
Electric Lock 1	One (1) Existing or Customer Supplied
Exit Device - PIR	One (1) IS310 White Request to Exit Sensors (HIS (Honeywell Integrated Security) – 0-000-361-01)

009 - Level 1 - Stair B - Sgl. Ext Door

Card Reader In	One (1) multiCLASS SE RP40 Contactless Smart Card Reader, Wall Switch with prox, black (Genetec – 920PTNTEK00000)
Door Contact	One (1) SENTROL 1076 DPDT GRAY (INTERLOGIX-SENTROL US – 1076D-G)
Electric Lock 1	One (1) Existing or Customer Supplied
Exit Device - PIR	One (1) IS310 White Request to Exit Sensors (HIS (Honeywell Integrated Security) – 0-000-361-01)

010 - Level 1 - Corridor 107 to Break Rm 111

Card Reader In	One (1) multiCLASS SE RP40 Contactless Smart Card Reader, Wall Switch with prox, black (Genetec – 920PTNTEK00000)
Door Contact	One (1) SENTROL 1076 DPDT GRAY (INTERLOGIX-SENTROL US – 1076D-G)
Electric Lock 1	One (1) Existing or Customer Supplied
Exit Device - PIR	One (1) IS310 White Request to Exit Sensors (HIS (Honeywell Integrated Security) – 0-000-361-01)

011 - Level 1 - Board Rm 138 to Break Rm 111 - Int Sgl. Door

Card Reader In	One (1) multiCLASS SE RP40 Contactless Smart Card Reader, Wall Switch with prox, black (Genetec – 920PTNTEK00000)
Door Contact	One (1) SENTROL 1076 DPDT GRAY (INTERLOGIX-SENTROL US – 1076D-G)
Electric Lock 1	One (1) Existing or Customer Supplied
Exit Device - PIR	One (1) IS310 White Request to Exit Sensors (HIS (Honeywell Integrated Security) – 0-000-361-01)

013 - Level 2 - Lobby 201- Dbl. Int Door

Card Reader In	One (1) multiCLASS SE RP40 Contactless Smart Card Reader, Wall Switch with prox, black (Genetec – 920PTNTEK00000)
Door Contact	Two (2) SET 3/4STLDR W/TRMS WDGP W (G.R.I. – 8080-TWG-W)
Electric Lock 1	One (1) Existing or Customer Supplied
Exit Device - PIR	One (1) IS310 White Request to Exit Sensors (HIS (Honeywell Integrated Security) – 0-000-361-01)

014- Level 2 - Corridor 202 - Sgl. Int Door

Card Reader In	One (1) multiCLASS SE RP40 Contactless Smart Card Reader, Wall Switch with prox, black (Genetec – 920PTNTEK00000)
Door Contact	One (1) SET 3/4STLDR W/TRMS WDGP W (G.R.I. – 8080-TWG-W)
Electric Lock 1	One (1) Existing or Customer Supplied
Exit Device - PIR	One (1) IS310 White Request to Exit Sensors (HIS (Honeywell Integrated Security) – 0-000-361-01)

015- Level 2 - Stair A- Sgl. Int Door

Card Reader In	One (1) multiCLASS SE RP40 Contactless Smart Card Reader, Wall Switch with prox, black (Genetec – 920PTNTEK00000)
Door Contact	One (1) SET 3/4STLDR W/TRMS WDGP W G.R.I. – 8080-TWG-W)
Electric Lock 1	One (1) Existing or Customer Supplied
Exit Device - PIR	One (1) IS310 White Request to Exit Sensors (HIS (Honeywell Integrated Security) – 0-000-361-01)

016 - Level 2 - Server Room 233 - Sgl. Int Door

Card Reader In	One (1) multiCLASS SE RP40 Contactless Smart Card Reader, Wall Switch with prox, black (Genetec – 920PTNTEK00000)
Door Contact	One (1) SET 3/4STLDR W/TRMS WDGP W (G.R.I. – 8080-TWG-W)
Electric Lock 1	One (1) Existing or Customer Supplied
Exit Device - PIR	One (1) IS310 White Request to Exit Sensors (HIS (Honeywell Integrated Security) – 0-000-361-01)

017 - Level 2 - Server Room 234 - Dbl. Int Door

Card Reader In	One (1) multiCLASS SE RP40 Contactless Smart Card Reader, Wall Switch with prox, black (Genetec – 920PTNTEK00000)
Door Contact	Two (2) SET 3/4STLDR W/TRMS WDGP W (G.R.I. – 8080-TWG-W)
Electric Lock 1	One (1) Existing or Customer Supplied
Exit Device - PIR	One (1) IS310 White Request to Exit Sensors (HIS (Honeywell Integrated Security) – 0-000-361-01)

018 - Level 2 - Stair B - Sgl. Int Door

Card Reader In	One (1) multiCLASS SE RP40 Contactless Smart Card Reader, Wall Switch with prox, black (Genetec – 920PTNTEK00000)
Door Contact	One (1) SET 3/4STLDR W/TRMS WDGP W G.R.I. – 8080-TWG-W)
Electric Lock 1	One (1) Existing or Customer Supplied
Exit Device - PIR	One (1) IS310 White Request to Exit Sensors (HIS (Honeywell Integrated Security) – 0-000-361-01)

019 - Level 2 - Comm Rm 226

Card Reader In	One (1) multiCLASS SE RP40 Contactless Smart Card Reader, Wall Switch with prox, black (Genetec – 920PTNTEK00000)
Door Contact	One (1) SET 3/4STLDR W/TRMS WDGP W G.R.I. – 8080-TWG-W)
Electric Lock 1	One (1) Existing or Customer Supplied
Exit Device - PIR	One (1) IS310 White Request to Exit Sensors (HIS (Honeywell Integrated Security) – 0-000-361-01)

020 - Level 2 - Corridor 208 to Corridor 231

Card Reader In	One (1) multiCLASS SE RP40 Contactless Smart Card Reader, Wall Switch with prox, black (Genetec – 920PTNTEK00000)
Door Contact	One (1) SET 3/4STLDR W/TRMS WDGP W G.R.I. – 8080-TWG-W)
Electric Lock 1	One (1) Existing or Customer Supplied
Exit Device - PIR	One (1) IS310 White Request to Exit Sensors (HIS (Honeywell Integrated Security) – 0-000-361-01)

021 - Level 2 - Conf 243 to Control 234

Card Reader In	One (1) multiCLASS SE RP40 Contactless Smart Card Reader, Wall Switch with prox, black (Genetec – 920PTNTEK00000)
Door Contact	One (1) SET 3/4STLDR W/TRMS WDGP W G.R.I. – 8080-TWG-W)
Electric Lock 1	One (1) Existing or Customer Supplied
Exit Device - PIR	One (1) IS310 White Request to Exit Sensors (HIS (Honeywell Integrated Security) – 0-000-361-01)

022 - Level 3 - Conference Room 336 - Dbl. Int. Door

Card Reader In	One (1) multiCLASS SE RP40 Contactless Smart Card Reader, Wall Switch with prox, black (Genetec – 920PTNTEK00000)
Door Contact	Two (2) SET 3/4STLDR W/TRMS WDGP W (G.R.I. – 8080-TWG-W)
Electric Lock 1	One (1) Existing or Customer Supplied
Exit Device - PIR	One (1) IS310 White Request to Exit Sensors (HIS (Honeywell Integrated Security) – 0-000-361-01)

023 - Level 3 - Corridor 304 / Corridor 311 - Sgl. Int. Door

Card Reader In	One (1) multiCLASS SE RP40 Contactless Smart Card Reader, Wall Switch with prox, black (Genetec – 920PTNTEK00000)
Door Contact	One (1) SET 3/4STLDR W/TRMS WDGP W (G.R.I. – 8080-TWG-W)
Electric Lock 1	One (1) Existing or Customer Supplied
Exit Device - PIR	One (1) IS310 White Request to Exit Sensors (HIS (Honeywell Integrated Security) – 0-000-361-01)

024 - Level 3 - Stair A 306 - Sgl. Int. Door

Card Reader In	One (1) multiCLASS SE RP40 Contactless Smart Card Reader, Wall Switch with prox, black (Genetec – 920PTNTEK00000)
Door Contact	One (1) SET 3/4STLDR W/TRMS WDGP W (G.R.I. – 8080-TWG-W)
Electric Lock 1	One (1) Existing or Customer Supplied
Exit Device - PIR	One (1) IS310 White Request to Exit Sensors (HIS (Honeywell Integrated Security) – 0-000-361-01)

025 - Level 3 - Stair B 326 - Sgl. Int. Door

Card Reader In	One (1) multiCLASS SE RP40 Contactless Smart Card Reader, Wall Switch with prox, black (Genetec – 920PTNTEK00000)
Door Contact	One (1) SET 3/4STLDR W/TRMS WDGP W (G.R.I. – 8080-TWG-W)
Electric Lock 1	One (1) Existing or Customer Supplied
Exit Device - PIR	One (1) IS310 White Request to Exit Sensors (HIS (Honeywell Integrated Security) – 0-000-361-01)

026-E - Level 1 - Elevator A 102

- Travel cable provided by the Elev. Vendor
- Elevator penetrations provided by others.

Card Reader In	One (1) multiCLASS SE RP40 Contactless Smart Card Reader, Wall Switch with prox, black (Genetec – 920PTNTEK00000)
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027-E - Level 1 - Elevator B 129

Card Reader In	One (1) multiCLASS SE RP40 Contactless Smart Card Reader, Wall Switch with prox, black Genetec – 920PTNTEK00000)
Door Contact	One (1) SET 3/4STLDR W/TRMS WDGP W (G.R.I. – 8080-TWG-W)
Electric Lock 1	One (1) Existing or Customer Supplied
Exit Device - PIR	One (1) IS310 White Request to Exit Sensors (HIS (Honeywell Integrated Security) – 0-000-361-01)

028 - Warehouse - Sgl. Ext. Door

Card Reader In	One (1) multiCLASS SE RP40 Contactless Smart Card Reader, Wall Switch with prox, black (Genetec – 920PTNTEK00000)
Door Contact	One (1) SET 3/4STLDR W/TRMS WDGP W (G.R.I. – 8080-TWG-W)
Electric Lock 1	One (1) Existing or Customer Supplied
Exit Device - PIR	One (1) IS310 White Request to Exit Sensors (HIS (Honeywell Integrated Security) – 0-000-361-01)

2.1.5 Vehicle Entrances

012 - Main Vehicle Gate

- Cable Pathway, conduit, stub-up and cabling by others.
- The existing HID Long Range Reader will be reused.

Reader Pedestals	One (1) Existing or Customer Supplied
Vehicle Long Range Reader IN	One (1) Existing or Customer Supplied

029 - Warehouse Vehicle Gate

Card Reader IN	One (1) multiCLASS SE RP40 Contactless Smart Card Reader, Wall Switch with prox, black (Genetec – 920PTNTEK00000)
Reader Pedestals	One (1) Existing or Customer Supplied

2.2 Video System

The UGI Team will provide the following:

- Pull new CAT 6 from the Comm Rooms to 16 camera locations on the 1st, 2nd and 3rd floors.
- Decommission the existing analog cameras and replace them with new IP cameras.
- Terminate the cameras to the network switches in the Comm Rms, program, aim and focus.
- Training will be provided upon completion

2.2.1 Head Ends

002 - Level 2 - Comm Rm 226

Accessories	One (1) CAT6 24 Port Patch Panel ((miscellaneous CSC MFG) – SP6U24)
Accessories	Fifteen (15) 3' PATCH CORD BLUE ((miscellaneous MFG) – 271451)
IP Camera License	Thirteen (13) 1 Camera Connection for Streamvault All-in-One Appliances (SV100 & SV300) (Genetec – GSC-SV-AIO-1C)
Network Switch	One (1) LITE MANAGED POE+SWITCH,16-PORT GIGABIT POE+2PRT (TRANSITION NETWORKS – SM16TAT2SA-NA)
Other	Materials: HDMI Cable provided by SECURITY 101
Rack Unit	One (1) Existing or Customer Supplied
UPS	One (1) UPS 1500VA LCD POWER SUPPLY (TRIPP LITE – SMART1500LCD)
Video Server	One (1) Streamvault™ 1000E series: 1U 2-Bay Streamvault™ Appliance Xeon E-2224G 16GB RAM (1) 256GB M.2 SSD (Genetec – SV-1011E-R2-8T-8-224)
Video Software	One (1) Genetec Security Center (GSC) Base Package - Version 5.9 (Genetec – GSC-base-5.9)
Video Software	One (1) Security Center Software Version (Genetec – GSC-5.9)
Video Software Option #1	One (1) DMP Intrusion Panel Connection (Genetec – GSC-1AP-DMP)
Video Software Option #1	One (1) Intrusion Base component. 1 part required per system with any intrusion unit manufacturer. Requires the GSC-1AP-Manufacturer part per panel. Requires one of Standard, Professional or Enterprise packages (Synergis and/or Omnicast). Mandatory Genetec Advantage. (Genetec – GSC-AP-BASE)
Video Software Support Agreement	One (1) Genetec Advantage Flat Rate for 1 Unified Omnicast or Synergis Standard system - 1 year (Genetec – ADV-STANDARD-U-1Y)
Video Software Support Agreement	One (1) Genetec Advantage for 1 intrusion alarm panel 1 Year (Genetec – ADV-1AP-1Y)
Video Software Support Agreement	One (1) Genetec™ Advantage Flat Rate for 1 Omnicast or Synergis Standard system – 1 year (Genetec – ADV-Standard-1Y)
Viewing Monitors	One (1) 19 INCH LED MONITOR 1360X768 (HANWHA TECHWIN AMERICA -US – SMT-1931)

2.2.2 Cameras

001 - Lobby 101 - Ext. Dome - New

Camera

One (1) 2MP,NTWK OD VANDAL DOME CAM,VF LNS 3.2-10MM (HANWHA TECHWIN AMERICA -US – QNV-6082R)

Mount #1

One (1) Back box with knockouts (QNV-8080R,QNV-6082R), white color (HANWHA TECHWIN AMERICA -US – SBV-136BW)

002 - Lobby 101 - Int. Dome - New

Camera

One (1) 2MP,NTWK OD VANDAL DOME CAM,VF LNS 3.2-10MM (HANWHA TECHWIN AMERICA -US – QNV-6082R)

003 - Corridor 107 - Int. Dome #1 - New

Camera

One (1) 2MP,NTWK OD VANDAL DOME CAM,VF LNS 3.2-10MM (HANWHA TECHWIN AMERICA -US – QNV-6082R)

004 - Corridor 107 - Int. Dome #2 - New

This location has no equipment.

005 - Corridor 107 - Ext. Dome - New

This location has no equipment.

006 - Stair B Entry - Ext. Dome - New

Camera

One (1) 2MP,NTWK OD VANDAL DOME CAM,VF LNS 3.2-10MM (HANWHA TECHWIN AMERICA -US – QNV-6082R)

Mount #1

One (1) Small cap adapter (aluminum) accessory, (QNV-8080R,QNV-6082R), white color (HANWHA TECHWIN AMERICA -US – SBP-301HMW2)

Mount #1

One (1) Wall Mount Accessory (white), Compatible with white hanging caps (HANWHA TECHWIN AMERICA -US – SBP-300WMW1)

Mount #1

One (1) Wall Mount Base, Works with Mounts SBP-300WMW1, white (HANWHA TECHWIN AMERICA -US – SBP-300BW)

007 - Storage 128 Dbl Door Entry - Ext. Dome - New

Camera	One (1) 2MP,NTWK OD VANDAL DOME CAM,VF LNS 3.2-10MM (HANWHA TECHWIN AMERICA -US – QNV-6082R)
Mount #1	One (1) Small cap adapter (aluminum) accessory, (QNV-8080R,QNV-6082R), white color (HANWHA TECHWIN AMERICA -US – SBP-301HWMW2)
Mount #1	One (1) Wall Mount Accessory (white), Compatible with white hanging caps (HANWHA TECHWIN AMERICA -US – SBP-300WMW1)
Mount #1	One (1) Wall Mount Base, Works with Mounts SBP-300WMW1, white (HANWHA TECHWIN AMERICA -US – SBP-300BW)

008 - Vestibule 126 - Int. Dome - New

Camera	One (1) 2MP,NTWK OD VANDAL DOME CAM,VF LNS 3.2-10MM (HANWHA TECHWIN AMERICA -US – QNV-6082R)
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009 - Storage 128 - Int. Dome - New

This location has no equipment.

010 - Lobby 201 - Int. Dome - New

Camera	One (1) 2MP,NTWK OD VANDAL DOME CAM,VF LNS 3.2-10MM (HANWHA TECHWIN AMERICA -US – QNV-6082R)
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011 - Corridor 205 - Int. Dome - New

Camera	One (1) 2MP,NTWK OD VANDAL DOME CAM,VF LNS 3.2-10MM (HANWHA TECHWIN AMERICA -US – QNV-6082R)
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012 - Control Rm 234 / Server Rm 233 - Int. Dome - New

This location has no equipment.

013 - Elev. Vestibule 222 - Int. Dome - New

Camera	One (1) 2MP,NTWK OD VANDAL DOME CAM,VF LNS 3.2-10MM (HANWHA TECHWIN AMERICA -US – QNV-6082R)
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014 - Reception Area 301 - Int. Dome - New

Camera One (1) 2MP,NTWK OD VANDAL DOME CAM,VF
LNS 3.2-10MM (HANWHA TECHWIN AMERICA -US
– QNV-6082R)

015 - Corridor 307 & 311 - Int. Dome - New

Camera One (1) 2MP,NTWK OD VANDAL DOME CAM,VF
LNS 3.2-10MM (HANWHA TECHWIN AMERICA -US
– QNV-6082R)

016 - Elev. Vestibule 324 - Int. Dome - New

Camera One (1) 2MP,NTWK OD VANDAL DOME CAM,VF
LNS 3.2-10MM (HANWHA TECHWIN AMERICA -US
– QNV-6082R)

2.3 Alarm System

- Replace the existing Intrusion Panel in Comm Rm 226 on the 2nd floor with a new DMP Intrusion Panel and Install a new GSM Back-up Radio.
- Replace the existing keypads with 2 new touchscreen keypads that will provide the ability to arm and disarm the two partitions.
- Replace the existing motion detectors with new motion detectors.
- Program the system to allow for a Card Holder to disarm the Intrusion System when a valid authorized credential is presented at the Card Reader at the door. The Intrusion System will be programmed into two partitions.
- Provide training upon completion.

2.3.1 Panel Locations**001 - Level 2 - Comm Rm 226**

Batteries One (1) 12V 4.5AMP SEALED LEAD ACID BT
(ULTRATECH – 1240)

Communicator #1 One (1) LTE Cellular Communications Module w/ Cable
AT&T (DMP – 263LTE-A/381-2)

Control Panel One (1) The XR550 features 574 inputs, 10 On-Board
Zones, 16 keypads = 64 zones, 5 built-in LX Bus (100
Zones per LX), and 10,000 user codes with 99 profiles. It
provides ease of programming, dialer & network
connectivity, systems integration, flash updates plus
intuitive operation designed with end-users in mind.
Includes 50VA transformer. Compatible with all DMP
Keypads including the 7800 Series (DMP – XR550DNL-
G)

Keypad One (1) 7000 Series Thinline LCD Keypads offer high-
quality, cost-effective security control in a stylish, sleek
new design. Visual and audible alarm notification,

Silence alarm while system remains armed, Optional integrated proximity reader, Four optional on-board fully programmable zones. (DMP – 7060-W)

2.3.2 Keypads

001 - Partition 1

LCD Keypad

One (1) Touch LCD Keypad, 4 Zones, Prox, White (DMP – 7872-W)

002 - Partition 2

LCD Keypad

One (1) Touch LCD Keypad, 4 Zones, Prox, White (DMP – 7872-W)

2.3.3 Motion Sensors

001 - Level 1 - Lobby 101

Ceiling Mount PIR

One (1) 70' DIAMETER CEILING MOUNT TRITECH – WHITE (BOSCH SECURITY (CCTV) – DS9370)

002 - Level 1 - Board Rm 138

Ceiling Mount PIR

One (1) 70' DIAMETER CEILING MOUNT TRITECH – WHITE (BOSCH SECURITY (CCTV) – DS9370)

002 - Level 1 - Corridor 125

Ceiling Mount PIR

One (1) 70' DIAMETER CEILING MOUNT TRITECH – WHITE (BOSCH SECURITY (CCTV) – DS9370)

2.4 Intercom

2.4.1 Head Ends

001 - Level 2 - Comm 226

This location has no equipment

2.4.2 Door Stations

001 - Level 1 - Main Lobby - SIP Video Intercom

Door Station

One (1) Vandal resistant outdoor touch station, 10" display, portrait mode (COMMEND – C-OD10-TDCM)

Mounting Plate

One (1) Surface Mount Kit (COMMEND – C-OD10-SH)

Accessory 1

One (1) OUTREACH Max enables network installers to overcome the distance limitations of Ethernet and Power over Ethernet (PoE) easily, meaning that IP cameras, wireless access points, and other PoE-powered network

	devices can be located right where they are needed. Simply connect OUTREACH Max in-line with the Cat5 or Cat6 network cable for every extra 100 meters (328 feet) of length required. No configuration or electrical supply is needed, and full-rate network throughput is maintained. (VERACITY USA – VOR-ORM Extender)
Relay	One (1) Expansion Board with 3 Inputs and 2 Outputs, with Audio interfaces, USB (COMMEND – C-EB3E2A-AUD)

002 - Level 2 - Lobby 201 - SIP Video Intercom

This location has no equipment.

2.5 Acceptance Criteria

All related products and equipment are deemed accepted upon delivery to the designated THEA location. The UGI PM will supply a form upon completion for the signed acceptance of this project.

2.6 Technical Project Assumptions

Client will provide the following to the UGI Team during the contract performance:

- THEA will ensure that adequate heating, ventilation, and air conditioning (HVAC) is in place to support standard working conditions and the operation of the installed hardware/software.
- Door hardware; electric locks, exit devices, exit switches and automatic openers provided by others.
- Workstations provided by others.
- Fire treated backboard for wall mount equipment
- Vertical equipment rack space in Telecom rooms for security equipment.
- UPS (rack mount) provided by others.
- 110VAC outlet in Telecom room for equipment power.
- All Network connection & static IP addresses for system communications as required
- All conduit raceways (with pull strings), junction boxes and stub-ups
- All card holder database programming to be completed by others.
- Fire alarm system interface to meet Life Safety Code Requirements (as required).
- VOIP phones provided, installed and programmed by others for the SIP Video Intercom Door Stations.
- Any required permit to be provided at face value for reimbursement
- CAD Files to be provided by others.
- THEA is responsible for programming the VOIP phone phones with the Commend SIP Intercom.
- All Door(s) and associated door hardware are not included, unless specifically identified in the scope of work and/or equipment list.
- Coring of new or existing doors required for electrified locking hardware is not included, unless specifically identified in the scope of work.
- Proper door alignment and mechanical operation is the responsibility of others.
- Programming and configuration of your microprocessor and/or CPU is included, excluding loading the database. It shall be the responsibility of the Customer to load the data base which involves defining access levels, time zones, personnel data, programming maps, defining alarm messages

and instructions, along with the input of any user defined data. Individual cardholder input and definition is also excluded.

- Access control cards are not included, unless specifically identified in the scope of work and/or equipment list.
- Access control system computer UPS is not included unless specifically identified in the scope of work and/or equipment list.
- FIRE ALARM RELEASE – It is the responsibility of the customer and the fire alarm service provider for this site. Any permits required in accordance with the fire alarm system or release shall be obtained by the fire alarm service provider.
- A dedicated circuit is recommended for the CCTV system, but not included.
- Current and future lighting requirements are the responsibility of others.
- Appropriate furniture or shelving for CCTV recording equipment is not included, unless specifically identified in the scope of work and/or the equipment list.
- A separate alarm monitoring agreement will be required for alarm monitoring services.
- All call lists and contact names along with any changes to those lists are to be provided in writing.
- Customer to make available adequate mounting space for all head end devices. Mounting space requirements will be provided to Client upon award.
- Any High voltage (greater than 48 VAC) requirements are not quoted, unless specifically identified in the scope of work and/or the equipment list.
- This installation will be done with plenum-rated wire where required for low voltage work installed in free air, above ceilings and in partition walls. This installation does not include costs for asbestos abatement related work.
- Conduit is not included, unless specifically identified in the scope of work and/or the equipment list.
- All required installation documents are included.
- Installation of all required equipment and materials with on-site supervision of project is included.
- Idle time incurred by UGI Team employees and their subcontractors due to escorts, clearances, inability to enter workspace, and other factors beyond our control or caused by Customer or Customer's designee's will be invoiced at our current labor rates.
- This proposal includes travel to and from the site to perform our stated scope of work. Additional or duplicate site visits required due to factors beyond our control, will be invoiced at our current labor rates.
- Client to coordinate with UGI Team staff to provide safe and timely right-of-passage in the work area during cable run and system installation.
- Client to provide and coordinate 110 VAC electrical service where needed.
- All LAN/WAN connections, addressing and network functionality are the responsibility of the Client.
- Any telephone lines or LAN/WAN connections must be installed and operational prior to the UGI Team commencing work. The local UGI Team representative will verify the availability and functionality of all connections prior to starting work.
- Any changes in the understood scope of work will be communicated and approved in writing (by an authorized Client representative), prior to commencing work.
- Unless otherwise stated in the schedule of work herein, all costs for or associated with Permits, Bonds, and other requirements by any government agency are the responsibility of the customer. Customer shall immediately reimburse and/or pay said costs upon written request or invoice from the UGI Team.

- Sealed Engineered Drawings are not included, unless specifically identified in the scope of work, clarifications and/or equipment list.
- Customer is responsible to provide the unbound .DWG (AutoCAD) electronic files as required.

3.0 PROJECT PRICING

The official UGI quotation (Quote #: QUT5220365) can be found as an attachment to this proposal containing all products and professional services required to accomplish the tasks outlined in this proposal. The total project is offered at **\$129,284.69** for the work specifically defined herein.

Should any additional services be required for the scope within this proposal or that are outside of the scope of this proposal, THEA shall execute a Change Order according to the process listed in Section 6.0.

3.1 Product Pricing

The proposed products are provided for a total of **\$62,739.83**. Please refer to attached quote for the full break out of all products necessary to complete this project.

Description	Price
Equipment	\$46,960.41
Materials	\$12,362.10
Warranty	\$3,417.32
Shipping	\$0.00

3.2 Services Pricing

The proposed professional services are provided on a firm fixed basis for a total of **\$66,544.86**.

Description	Price
Installation	\$46,292.83
Programming	\$8,804.50
Engineering	\$2,035.44
Project Management	\$9,412.09

3.3 Invoicing Schedule

UGI will invoice hardware/software/maintenance at the time the product is shipped to THEA. UGI will invoice THEA for the professional services outlined within this on a monthly basis. Payment shall be made in accordance with sections 215.422 and 287.0585 of the Florida Statutes, which govern time limits for payment of invoices.

4.0 PROJECT MANAGEMENT PLAN

UGI will monitor all aspects of the contract, from initiation of a task to final solution delivery, while maintaining open communication channels between THEA staff, management, and project personnel. The UGI PM will work with project leads to ensure that the project is completed on-time with appropriate personnel. Using a work breakdown structure method to prepare and monitor task deliverables, the UGI PM will execute based on a current, detailed overview of the work requirements of the project's task areas at all times.

5.0 PERFORMANCE OF WORK

5.1 Estimated Period of Performance

UGI estimates the implementation will be completed in six (6) to eight (8) weeks. The UGI PM and the designated THEA POC will develop a mutually agreeable project start date post award no later than 45 days from award date. If the project does not start on or before the 45 days, then UGI reserves the right to request an adjustment of the proposed pricing. Post award, the UGI PM will work directly with the THEA POC to establish delivery dates for the professional services outlined within this proposal.

5.2 Location of Work

Work on this effort will be primarily performed at the THEA location at 1104 E. Twiggs Avenue, Tampa, FL 33602. Portions of the work associated with this proposal may need to be completed at a UGI or subcontractor facility.

5.3 Hours of Work

Work may be performed at the THEA site from 8:00A.M. to 5:00P.M. local time, excluding all observed Federal holidays. Any required weekend or non-business hour work may require additional funding and must be coordinated through the UGI Team with a modification of this proposal prior to execution.

6.0 CHANGE CONTROL

The pricing and project schedule are based on project scope. Any changes to the project scope after contract award are subject to UGI's Change Control Process as managed by the UGI PM. All changes will be agreed to in writing and approved by UGI and THEA prior to any work force efforts.

Should UGI or THEA want to change any Task, Deliverable, or Acceptance Criteria, the UGI PM will follow standard change control procedures. UGI will complete all work authorized under change control on a time-and-materials or fixed-price basis, dependent upon which contract type is most appropriate. Time and Materials will be charged at UGI's then current rates.

The objectives of change control are to:

- Assess the impact of scope changes on project schedules, resources, and pricing.
- Provide a formal vehicle for approval to proceed with any changes to the scope of work.
- Provide a record of all material changes to the original proposal.

If UGI or THEA requests a change impacting the cost of or time for performance, as determined by UGI in its sole discretion, UGI and THEA will review the request through our change control process set forth in the proposal and subsequent contract award. For each change, UGI will complete a change request form and provide the completed form to THEA. Both UGI and THEA will approve the change request detailed in the form, including the impact of the request on the schedule, resources, and the price of the project, before UGI will make then enact the request. When THEA accepts the change form, THEA will modify its purchase order and such other documents as requested by UGI, when applicable. If THEA does not accept the request, including the impact on the schedule, resources, or price, then the Parties will complete their obligations with respect to the project as set forth in this proposal.

7.0 GENERAL ASSUMPTIONS

- This proposal is valid for a period of thirty (30) days from receipt of proposals.
- The information in this document is based on the most recent information available to the UGI Team. The scope of work and associated prices in this document may be adjusted should new or

more detailed information become available regarding the project. The most recent proposal at the time of contract will govern performance.

- The information provided in this document is based on THEA specifications and requirements and is developed in accordance with the original equipment manufacturer (OEM) specifications.
- THEA will provide the UGI Team with one (1) onsite project coordinator, who has the necessary authority from THEA to support the full scope of the project and who will be available on a timely basis to work with the UGI Team. THEA will provide the UGI Team with adequate facility, network and device access, and any documentation necessary to perform the project, including facility, network, and device diagrams and configurations.
- As required, THEA will provide the UGI Team timely access to appropriate resources within the THEA facilities, including, but not limited to other personnel; work, training, or staging spaces; hardware, software, or network connections; and test and live data. Any material delay in providing such resources shall be considered a delay on the part of the THEA.
- Contract award will constitute THEA's approval and consent for UGI to subcontract to the subcontractors/consultants named in this proposal.
- Deliverable Acceptance Process. Due to the nature of a firm fixed price contract, written deliverables shall be delivered to the Contracting Officer's Representative (COR) by UGI in accordance with the time frames set forth in this proposal. Prior agreement regarding written deliverable content and format shall precede performance and shall govern acceptance of the final written deliverable. At the completion of the THEA's review (within the time frame specified herein), the COR will promptly provide a single, conclusive, integrated set of consolidated comments to the UGI PM within 10 days (or as otherwise mutually agreed in advance) after receipt of each deliverable. If any comments identify changes desired by the COR, which do not constitute errors or omissions based on the requirements provided to UGI by THEA, such changes will be addressed in accordance with the "Change Order Process".
- Should the project terminate for convenience, and notwithstanding which party terminates, in the event of termination prior to completion of the UGI Services, THEA agrees to pay UGI: (i) for all UGI Services performed by UGI in accordance with the project invoiced and/or to be invoiced but to date unpaid (fees, expenses, milestone payments), up to the effective date of termination.
- Personnel Security Requirements: Upon award, security or clearance documentation, if required, should be forwarded to the UGI Facility Security Office at FSO@unicomgov.com.
- Should any terms in this proposal conflict with the issued Delivery Order (DO) or the Prime contract, the DO/Prime contract will take precedence.
- Should any of these General Assumptions not apply to the project, they will become self-deleting.
- These General Assumptions and the Technical Project Assumptions are to be incorporated into the THEA contract.

To: Tampa Hillsborough Express
Authority
1104 E Twiggs Ave
Tampa
FL 33602 USA

Reference No:
Proposal No: UGI-20-19483
Govt. Contract # : 4400006645
Ship Via: GROUND
CUSTOMER #: 20083914

Quotation #: QUT5220365
Date: 27-JUL-2020
Sales Rep.: KRESSA STEWART
Phone: 423/368-5978
Kressa.Stewart@unicomgov.com

LINE#	UNICOM P/N CLIN	Manufacturer Mfg P/N	Item Description Contract Vehicle	Unit Price	Quantity	Extended Price
001	869184	SECURITY 101 SP6U24	CAT6 24 PORT PART PANEL 4400006645	\$144.23	1	\$144.23
002	869199	SECURITY 101 271451	3 PATCH CORD BLUE 4400006645	\$4.67	15	\$70.05
003	865238	ALTRONIX CORPORATION T1MK1F4S1	TROVE1M1 - EFLOW4NB (4A@12/24VDC) POWER SUPPLY, ACM4 - 4 FUSED OUTPUT ACCESS POWER CONTROLLER. 4400006645	\$385.98	3	\$1,157.94
004	869185	ALTRONIX CORPORATION T3MK77F16DS1	TROVE3M3 - TWO (2) EFLOW104NB (10A@24VDC) POWER SUPPLIES, 2 - ACM8CB - 8 PTC OUTPUT ACCESS POWER CONTROLLER. 4400006645	\$1,224.22	2	\$2,448.44
005	869200	BOSCH DS9370	70 DIAMETER CEILING MOUNT TRITECH - WHITE 4400006645	\$102.75	3	\$308.25
006	869186	COMMEND USA C-EB3E2A-AUD	EXPANSION BOARD WITH 3 INPUTS AND 2 OUTPUTS, WITH AUDIO INTERFACES, USB 4400006645	\$293.96	1	\$293.96
007	869201	COMMEND USA C-OD10-SH	SURFACE MOUNT KIT 4400006645	\$351.65	1	\$351.65
008	869187	COMMEND USA C-OD10-TDCM	VANDAL RESISTANT OUTDOOR TOUCH STATION, 10" DISPLAY, PORTRAIT MODE 4400006645	\$5,171.09	1	\$5,171.09
009	869202	COMMEND USA 263LTE-A/381-2	LTE CELLULAR COMMUNICATIONS MODULE W/ CABLE AT&T 4400006645	\$225.97	1	\$225.97
010	844188	DIGITAL MONITORING PRODUCTS 7060-W	DMP:THINLINE LCD KEYPAD 4400006645	\$114.95	1	\$114.95

011	849197	DIGITAL MONITORING PRODUCTS	TOUCH LCD KEYPAD, 4 ZONES, PROX, WHITE	\$280.22	2	\$560.44
		7872-W	4400006645			
012	869203	DIGITAL MONITORING PRODUCTS	THE XR550 FEATURES 574 INPUTS, 10 ON-BOARD ZONES, 16 KEYPADS = 64 ZONES, 5 BUILT-IN LX BUS	\$652.34	1	\$652.34
		XR550DNL-G	4400006645			
013	824715	GEORGE RISK INDUSTRIES INC	SET 3/4STLDR W/TRMS WDGP WHT	\$6.39	26	\$166.14
		8080-TWG-W	4400006645			
014	827754	HID GLOBAL	MULTICLASS SE RP15 READER, MULLION MOUNT, BLACK	\$198.22	1	\$198.22
		910PTNNEK00000	4400006645			
015	830859	HID GLOBAL	RDR, RP40, MULTICLASS, SE REV E, STD PROX, STD, WIEGAND, TERM, BLKSECURITY, LED RED, FLASH GRN, BZR ON, IPM OFF, 32 BIT	\$197.83	26	\$5,143.58
		920PTNTEK00000	4400006645			
016	869189	GENETEC INC	GENETEC ADVANTAGE FOR 1 INTRUSION ALARM PANEL 1 YEAR	\$58.03	1	\$58.03
		ADV-1AP-1Y	4400006645			
017	828330	GENETEC INC	GENETEC ADVANTAGE FLAT RATE FOR 1OMNICAST OR SYNERGIS STANDARD SYSTEM ?1 YEAR	\$535.71	1	\$535.71
		ADV-STANDARD-1Y	4400006645			
018	869178	GENETEC INC	GENETEC ADVANTAGE FLAT RATE FOR 1 UNIFIED OMNICAST OR SYNERGIS STANDARD SYSTEM - 1 YEAR	\$178.57	1	\$178.57
		ADV-STANDARD-U-1Y	4400006645			
019	797889	GENETEC INC	DMP INTRUSION PANEL CONNECTION	\$312.51	1	\$312.51
		GSC-1AP-DMP	4400006645			
020	865385	GENETEC INC	GENETEC 5.9 SOFTWARE VERSION	\$0.00	1	\$0.00
		GSC-5.9	4400006645			
021	869179	GENETEC INC	INTRUSION BASE COMPONENT.	\$892.86	1	\$892.86
		GSC-AP-BASE	4400006645			
022	865382	GENETEC INC	GENETEC SECURITY CENTER BASE PACKAGE - VERSION 5.9 WHICH INCLUDES: 1 DIRECTORY, 5 SECURITY DESK CLIENT CONNECTIONS (INCL. WEB CLIENT)	\$0.00	1	\$0.00
		GSC-BASE-5.9	4400006645			

023	853589	GENETEC INC	1 CAMERA CONNECTION FOR STREAMVAULT ALL-IN-ONE APPLIANCES (SV100 & SV300)	\$107.14	13	\$1,392.82
		GSC-SV-AIO-1C	4400006645			
024	830832	GENETEC INC	GSC SYNERGIS STANDARD PACKAGE WHICH INCLUDES: 1 ACCESS MANAGER, MAX. 64 READERS, MAX. 1 ACCESS MANAGER, MAX. 5 CLIENTS, BADGE DESIGNER	\$892.86	1	\$892.86
		GSC-SY-S	4400006645			
025	869190	GENETEC INC	STREAMVAULT 1000E SERIES: 1U 2-BAY STREAMVAULT APPLIANCE XEON E-2224G 16GB RAM (1) 256GB M.2 SSD	\$3,012.06	1	\$3,012.06
		SV-1011E-R2-8T-8-24	4400006645			
026	861102	SYNERGIS	Synergis Cloud Link with 2GB of RAM, 16GB Flash, image installed with Synergis access control firmware, four RS-485 ports, PoE.	\$1,026.79	1	\$1,026.79
		SY-CLOUDLINK	4400006645			
027	861098	GENETEC INC	Mercury Intelligent Controller, Linux Based, 8In/4Out/2Rd (Software Connections included)	\$1,283.18	4	\$5,132.72
		SY-LP1502	4400006645			
028	869180	GENETEC INC	MERCURY MR16OUT 16-RELAY OUTPUT CONTROL MODULE SERIES 3 (PCB ONLY, SOFTWARE CONNECTIONS INCLUDED)	\$669.65	2	\$1,339.30
		SY-MR16OUT-S3	4400006645			
029	861099	GENETEC INC	Mercury MR52 2-reader interface module Series 3 (8 inputs, 6 relays, PCB only, software connections included)	\$561.40	12	\$6,736.80
		SY-MR52-S3	4400006645			
030	869191	HANWHA	2MP,NTWK OD VANDAL DOME CAM,VF LNS 3.2-10MM	\$330.05	12	\$3,960.60
		QNV-6082R	4400006645			
031	869181	HANWHA	WALL MOUNT BASE, WORKS WITH MOUNTS SBP-300WMW1, WHITE	\$55.01	2	\$110.02
		SBP-300BW	4400006645			
032	869192	HANWHA	WALL MOUNT ACCESSORY (WHITE), COMPATIBLE WITH WHITE HANGING CAPS	\$48.84	2	\$97.68
		SBP-300WMW1	4400006645			
033	869182	HANWHA	SMALL CAP ADAPTER (ALUMINUM) ACCESSORY, (QNV-8080R,QNV-6082R), WHITE COLOR	\$30.29	2	\$60.58
		SBP-301HMW2	4400006645			

034	869193	HANWHA	BACK BOX WITH KNOCKOUTS (QNV-8080R,QNV-6082R), WHITE COLOR	\$30.29	1	\$30.29
		SBV-136BW	4400006645			
035	869183	HANWHA	19 INCH LED MONITOR 1360X768	\$372.24	1	\$372.24
		SMT-1931	4400006645			
036	775318	HONEYWELL	REQUEST TO EXIT PIR MOTION SENSOR WHITE	\$60.88	25	\$1,522.00
		0-000-361-01	4400006645			
037	869194	INTERLOGIX	SENTROL 1076 DPDT GRAY	\$19.10	5	\$95.50
		1076D-G	4400006645			
038	865159	TRANSITION NETWORKS	P/S 48VDC 2.5A UNIV AC DIN RAIL NARROW	\$254.11	1	\$254.11
		25105	4400006645			
039	865162	TRANSITION NETWORKS	4PT GE POE+ 2 SFP 120W POE HARDENED SWCH	\$391.05	1	\$391.05
		SISTP1040-342-LRT	4400006645			
040	842679	TRANSITION NETWORKS	SMART MGD POE+ SWCH 16PT GIGABIT POE+	\$722.52	1	\$722.52
		SM16TAT2SA-NA	4400006645			
041	868902	TRANSITION NETWORKS	HI TEMP SFP 1000B-SX 850NM MM LC	\$59.40	2	\$118.80
		TN-GLC-SX-MM-RGD	4400006645			
042	214334	TRIPPLITE	1500VA UPS SMART LCD RACK TWR AVR 120V	\$322.80	1	\$322.80
		SMART1500LCD	4400006645			
043	827753	ULTRATECH	12V 4.5AMP SEALED LEAD ACID BT	\$10.96	1	\$10.96
		1240	4400006645			
044	773747	ULTRATECH	BATTERY 12 VOLT 7 AMP	\$16.80	11	\$184.80
		1270	4400006645			
045	869195	VERACITY	OUTREACH MAX ENABLES NETWORK INSTALLERS TO OVERCOME THE DISTANCE LIMITATIONS OF ETHERNET AND POWER OVER ETHERNET (POE)	\$188.18	1	\$188.18
		VOR-ORM EXTENDER	4400006645			
046	795261	SECURITY 101	MISCELLANEOUS MATERIALS	\$6,181.05	2	\$12,362.10
		SEC101-MISC	4400006645			

047	790774	SECURITY 101	WARRANTY	\$3,417.32	1	\$3,417.32
		S101	4400006645			
048	803508	SECURITY 101	SECURITY 101 SHIPPING	\$0.00	1	\$0.00
		S101-SHIP	4400006645			
049	869044	UNICOMGOV NETWORK SERVICES	INTEGRATED SECURITY INSTALLATION	\$66,544.86	1	\$66,544.86
		4061334	4400006645			
SUBTOTALS :						\$129,284.69
TAX :						\$0.00
TOTAL :						\$129,284.69

UNICOM OFFERS MULTIPLE PAYMENT OPTIONS FOR CAPITAL AND OPERATING EXPENDITURES. PLEASE CONTACT US FOR ADDITIONAL DETAILS.

******* ATTENTION CONTRACTING *******

Unless otherwise specified within this quote or agreed to by the Seller in writing, full payment for order is due within 30 days of receipt of equipment or services. Items marked **NSO** (Not Separately Orderable) may be considered a configurable option of an end product and end product country of origin would apply.

*** When purchasing any software or related services, your order is subject to your acceptance of any specific end user terms and conditions (to include licensing terms) required by the manufacturer.**

* The prices in this quote are valid for 30 calendar days following the Quotation date.

* This quote is only valid in its entirety and POs placed for partial items in a quote may be rejected.

* All orders are subject to availability.

* Any quotes containing items with Part Numbers SKU TBD or 000-000 are considered budgetary quotes with estimated prices, which are not binding. Please contact your Sales Representative for an updated and final quote before placing an order.

* Unless otherwise stated, pricing shown for maintenance/support requires payment in full within 30 days of the invoice date.

* All orders are subject to Return Policy: <http://shop.unicomgov.com/services/returnpolicy.aspx>

* Electronic and information technology (EIT) listed on this quotation shall be capable, at the time of its delivery, when used in accordance with the contractor's associated documents, and other written information provided to the government, of providing comparable access to individuals with disabilities consistent with the terms and conditions applicable to this contract at the time of award, provided that any assistive technologies used with the listed EIT properly interoperates with it and other assistive technologies.

TO ENABLE FASTER DELIVERY, PLEASE INCLUDE THE FOLLOWING STATEMENT ON YOUR PURCHASE ORDER: "PARTIAL SHIPMENT AND PAYMENT AUTHORIZED". THIS ALLOWS US TO DROP SHIP ITEMS DIRECTLY TO THE SHIP TO LOCATION, AS WELL AS DELIVER THE ITEMS WE HAVE IN STOCK, AS SOON AS POSSIBLE.

Please reference the following on your purchase order:

Quote # QUT5220365

Contract # 4400006645

Payment Terms : Due in 30 Days
(Pending Credit Approval)

Duns #: 10793-9357
Tax ID #: 54-1248422
CAGE Code: 8Y261

Discussion/Action Items

Operations & Maintenance Committee

IV. C. 4.

Meridian Improvements at Twiggs CEI Contract

- Purpose:** Authorize signature of the CEI contract with EXP to provide construction engineering and inspection services for the Meridian Improvement at Twiggs project. EXP was selected in accordance with THEA Procurement Services and the contract negotiations were finalized for an amount of \$386,000. The selection of EXP was approved by the Board on July 22, 2020.
- Funding:** Capital Budget - \$386,000
- Action:** Requests the Board to authorize the Executive Director to sign the Meridian Improvements at Twiggs CEI contract with EXP in the amount of \$386,000.

EXP Staff Hours - Twiggs Street CEI																		
	1	2	3	4	5	6	7	8	9	10	11	12	13					
Position				2021										Total		Raw Rate	THEA Negotited Multiplier	FEE
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Months	Hours			
CEI Sr. Project Engineer - Anthony Caruso, PE (EXP)	0.10	0.10	0.10	0.20	0.20	0.15	0.15	0.15	0.15	0.15	0.15	0.20	0.20	1.80	297.0	\$80.00	2.68923	\$63,896.10
CEI Project Administrator - Porter Reed (EXP)				0.50	0.50	0.40	0.40	0.40	0.40	0.40	0.40	0.50	0.50	3.90	643.5	\$61.90	2.68923	\$107,119.16
CEI Sr. Roadway Inspector - Chris Kilpatrick (EXP)				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.50	0.50	8.50	1,402.5	\$36.00	2.68923	\$135,779.22
CEI Inspector - Shaun Cochran (EXP)					0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60		4.80	792.0	\$25.75	2.68923	\$54,844.16
CEI Resident Compliance Specialist (LPAS)				0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10			0.80	132.0	\$65.00	1.75500	\$15,057.90
3 Person Survey Crew (ECHO)				0.10								0.10		0.20	33.0	\$74.51	2.68263	\$6,596.13
VT Material Testing (TESTLAB)	Estimated Total Fee for VT Material Testing - \$1,905.00													0.00	1.00	\$1,905.00	1.00000	\$1,905.00
																	FEE TOTAL =	\$385,197.67

VI. A. 1.

Executive Reports

Executive Director – *Joe Waggoner*

Contract Renewal & Expiration Report

**CONTRACT RENEWAL
and
EXPIRATION REPORT
(> \$30,000)**

Report month: **Sept. 2020**

Project Manager	Firm	Description of Services	Contract Effective Date	Contract Expiration Date	Term of Contract (Years)	Bid / Renew / End
Rafael Hernandez	Neology Inc.	Hardware & Software Licenses and related services for Automated Vehicle Classification	03/12/18	03/11/21	3 Years + 2 additional one-year renewal option	Renew (1st year renewal ~ March 2021 - March 2022)

THEA Executive Director's Summary Report
for Contract Increases on
Continuing Contracts

Reporting Month: **Sept. 2020**

Contract Number	Contractor/ Consultant Name	Contract Name	Authorized Contract Amount	Change Order Number	Change Order Amount	Change Amount	Cumulative Contract Change Amount Above Authorized Contract Amount	Change Description
						> 5%		
O-00518	Granite Construction	Selmon South Safety Project Design-Build	\$16,044,097	3	\$ 104,187	√	\$ 16,148,284	Reimburse Granite Construction for costs incurred by the discovery and mitigation of Dieldrin within the excess material exported by their subcontractor and for 20 non-compensable contract days.

Note:

Background: The original contract amount was \$15,160,000. In August 2019, the Board approved \$628,650 to modify the cross slope and in June 2020, the Board approved \$255,447 for additional services for an updated contract value of \$16,044,097.

This report was produced in accordance with THEA Procurement Policy 501.00, Approval Thresholds.

VI. C. 1.

Executive Reports

Chairman – *Vincent Cassidy*

Upcoming Meetings

- THEA Committees as Whole – Monday October 12, 2020
- THEA Board Meeting – Monday October 26, 2020



2020 Board Meeting Schedule

Month	Meeting	Date	Time
January	Board Committees as a Whole	1/13/2020	Cancelled
	Board Meeting	1/27/2020	1:30 p.m.
February	Board Committees as a Whole	2/10/2020	Cancelled
	Board Meeting	2/24/2020	Cancelled
March	Board Committees as a Whole	3/9/2020	1:30 p.m.
	Board Meeting	3/23/2020	Postponed 4/6/2020
April	Board Committees as a Whole	4/13/2020	Cancelled
	Board Meeting	4/27/2020	Cancelled
May	Board Committees as a Whole	5/4/2020	1:30 p.m.
	Board Meeting	5/18/2020	1:30 p.m.
June	Board Committees as a Whole	6/8/2020	Cancelled
	Board Meeting	6/22/2020	1:30 p.m.
July	Board Committees as a Whole	7/13/2020	Cancelled
	Board Meeting	7/22/2020	1:30 p.m. Revised Date
August	Board Committees as a Whole	8/10/2020	Cancelled
	Board Meeting	8/24/2020	1:30 p.m.
September	Board Committees as a Whole	9/8/2020	Cancelled Tuesday
	Board Meeting	9/21/2020	1:30 p.m.
October	Board Committees as a Whole	10/12/2020	1:30 p.m.
	Board Meeting	10/26/2020	1:30 p.m.
November	Board Meeting	11/16/2020	1:30 p.m.
December	Board Meeting	12/14/2020	1:30 p.m.

All meetings are on Monday unless otherwise noted