



Agenda
City Council

Monday, June 18, 2018

7:00 PM

Council Chambers

MEMORANDUM TO:

The Honorable Mayor and
Members of the City Council
City of Jacksonville Beach, Florida

Council Members:

The following Agenda of Business has been prepared for consideration and action at the Regular Meeting of the City Council.

OPENING CEREMONIES: INVOCATION, FOLLOWED BY SALUTE TO THE FLAG

CALL TO ORDER

ROLL CALL

APPROVAL OF MINUTES

- a. 18-104 Council Workshop Held June 4, 2018
- b. 18-105 Council Briefing Held June 4, 2018
- c. 18-106 Regular City Council Meeting Held June 4, 2018

ANNOUNCEMENTS

COURTESY OF THE FLOOR TO VISITORS

MAYOR AND CITY COUNCIL

- 18-107 Recognition of Beaches Energy Services Employees Who Participated in the FMEA Florida Lineman Competition and the APPA Lineworkers Rodeo

CITY CLERK

CITY MANAGER

- a. **18-108** Accept the Monthly Financial Reports for the Month of May 2018
- b. **18-109** Award Bid #1718-21 for the Purchase of Single Phase Pad Mount Switchgear
- c. **18-110** Award RFP No. 03-1718 to Archstone Connections, LLC, dba Drops & Watts, for Energy and Water Auditing Services
- d. **18-111** Approve the Renovation of the Playground at Sunshine Park by Hufham Contracting in the Amount of \$46,200
- e. **18-112** Award Bid # 1718-19 for "Milling, Paving, Sidewalk/Curbing Repairs," to the Lowest Qualified Bidder, *Kudzue 3 Trucking, Inc.*
- f. **18-113** Authorize the Rehabilitation of the South Water Tower with ***Tank Rehab, Inc.***
- g. **18-114** Purchase of Replacement Mesh Panels for the Finishing Filters at the Wastewater Treatment Plant

RESOLUTIONS

18-115 RESOLUTION NO. 2009-2018

A RESOLUTION PROVIDING FOR THE ESTABLISHMENT OF A FEE FOR A LOW VOLUME OUTDOOR AMPLIFIED AND ACOUSTIC SOUND PERMIT, AND ESTABLISHING AN EFFECTIVE DATE.

ORDINANCES**ADJOURNMENT****NOTICE**

In accordance with Section 286.0105, Florida Statutes, any person desirous of appealing any decision reached at this meeting may need a record of the proceedings. Such person may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based.

The public is encouraged to speak on issues on this Agenda that concern them. Anyone who wishes to speak should submit the request to the City Clerk or to the recording secretary prior to the beginning of the meeting. These forms are available at the entrance of the City Council Chambers for your convenience.

In accordance with the Americans with Disabilities Act and Section 286.26, Florida Statutes, persons with disabilities needing special accommodation to participate in this meeting should contact the City Clerk's Office at (904) 247-6299, extension 10, no later than one business day before the meeting.

The Council Workshop began at 5:03 P.M.

The following City Council Members were in attendance:

Mayor: William C. Latham

Council Members: Lee Buck Keith Doherty Christine Hoffman
Bruce Thomason Phil Vogelsang (*absent*) Jeanell Wilson (*late*)

Also present was City Manager George Forbes.

Purpose of Workshop

The purpose of the workshop was to evaluate the responses to RFP #05-1718 “Executive Search Consultant – City Manager.”

City Mayor

Property and Procurement Officer, Mr. Luis Flores read the Request for Proposal (RFP) title for the record and explained the evaluation process.

Each Council Member was provided with a copy of the proposals in response to the RFP. They reviewed and evaluated the RFP on their own in advance of the Council Workshop.

Mayor Latham collected and calculated each Council Member’s points for each evaluation criterion. The results were as follows:

Vendor	Pts
Colin Baenziger & Associates	89
Strategic Government Resources	80
Ralph Andersen & Associates	77
Springsted/Waters Executive Recruitment	76
GovHR USA	69
S. Renee Narloch & Associates	69

Colin Baenziger & Associates received the highest score. The Council Members selected Colin Baenziger as their first choice for Executive Search Consultant and authorized staff to proceed with the RFP process.

The workshop adjourned at 5:43 P.M.

Minutes of City Council Workshop
Monday, June 4, 2018, 5:00 P.M.

Submitted by: Jodilynn Byrd
Administrative Assistant

Approved:

William C. Latham, MAYOR

Date: _____

Draft

The Council Briefing began at 5:45 P.M.

The following City Council Members were in attendance:

Mayor: William C. Latham

Council Members: Lee Buck
Bruce Thomason Keith Doherty
Phil Vogelsang (*absent*) Christine Hoffman
Jeanell Wilson

Also present was City Manager George Forbes.

Purpose of Briefing

The purpose of the briefing was to update the Council Members on projects including the following items:

City Manager

New generator at Police station

Police Chief, Patrick Dooley stated due to the installation of the new generator at the Jacksonville Beach Police Station, power would need to be shut down at the station on two separate days. On these two days (June 12th and June 19th), all calls to dispatch would be routed to the City of Neptune Beach Police Department. Chief Dooley stated staff from JBPD dispatch center would be stationed at the Neptune Beach dispatch center during these times.

Dogs on the Beach

Chief Dooley stated due to the reduction of hours worked by the Citizens on Patrol volunteers monitoring dogs on the beach, Animal Control Officer, Kelsey Eberle would now work five days a week, allowing her to patrol the beach area more often.

South Beach Parkway

Mr. Forbes stated, landscaping changes would take place in the median on South Beach Parkway near the entrances of Rip Tide and Ocean Cay. These changes would replace the existing landscape with lower growing landscape to allow for better site clearance for drivers entering and exiting the two developments.

Barricade on 16th Avenue North

Mr. Forbes reported that efforts to clean up and beautify the street barricade on 16th Avenue North would possibly start within the next 60 days.

Water quality

Mr. Forbes reported that permits are issued by the Department of Environmental Protection for Wastewater Treatment Plants. Mr. Forbes stated the City spent 21 million dollars on the City's new Waste Treatment Plant and it meets or exceeds the requirements put forth by the Department of Environmental Protection.

Dix.Hite + Partners

Director of Planning and Development, Bill Mann handed out packets [on file] of information regarding the Downtown Action/Implementation and Management Plan. Mr. Mann introduced Mr. Greg Bryla, Partner and Studio Leader at Dix.Hite + Partners, who are preparing an Implementation and Management Plan for the City's adopted Downtown Action Plan.

Mr. Bryla reviewed the Implementation and Management Plan as well as an additional concept for the Pier entryway and two City logo concepts [all documents on file]. Conversation ensued regarding the different concepts as well as the Phase Two strategies of the Downtown Action plan including:

- Lighting Master Plan: Strategies and Typologies (including proper lighting for sea turtle protection)
- Wayfinding and Signage
- Site Furnishings: Issues and Responses
- Bicycle Parking: Existing and Proposed – Spaces and Racks
- Public Art: Strategic Locations/Waves Breakpoints/Reef Corridor

Mr. Bryla stated the next step (Phase Two) of the project would be to refine the current renderings into design intent drawings. Once the final drawings are complete, the project would be put out for a proposal to secure a fabrication company. The fabrication company would then create shop drawings for review, and the final drawings would be submitted for approval and permitting from the City.

Mr. Forbes suggested an implementation schedule be put together which included Phase Two deliverables, to assist in the progression and execution of the project.

University of North Florida Art Park

Mr. Forbes suggested the City of Jacksonville Beach explore the option of purchasing the property where the University of North Florida Art Park is located. The park offers a great opportunity to keep art displays in the City.

The briefing adjourned at 6:53 P.M.

Submitted by: Jodilynn Byrd
Administrative Assistant

Approved:

William C. Latham, MAYOR

Date: _____

OPENING CEREMONIES

The invocation was given by Council Member Wilson, followed by the salute to the flag.

CALL TO ORDER

Mayor Latham called the meeting to order at 7:01 P.M.

ROLL CALL

Mayor: William C. Latham
Council Members: Lee Buck Keith Doherty Cristine Hoffman
Bruce Thomason Jeanell Wilson Phil Vogelsang(*absent*)

Also present was City Manager George Forbes.

APPROVAL OF MINUTES

It was moved by Ms. Wilson, seconded by Ms. Hoffman, and passed unanimously, to approve the following minutes:

- City Council Briefing held May 21, 2018
- Regular City Council Meeting held May 21, 2018

ANNOUNCEMENTS

Mayor Latham recognized a Boy Scout in attendance tonight. Mason Ellens addressed the Council and stated he was in attendance to learn about City government and earn his Communication Merit Badge.

COURTESY OF THE FLOOR TO VISITORS

There were no speaker cards submitted, and no one addressed the Council.

MAYOR AND CITY COUNCIL

CITY CLERK

CITY MANAGER

(a) Item #18-095 – Approve the Council Budget Workshop Schedule

Motion: It was moved by Ms. Wilson and seconded by Ms. Hoffman, to approve the Budget Workshop Schedule as proposed by the City Manager in a memo dated May 24, 2018.

Discussion: Mr. Forbes explained this is the same schedule format used in prior years. It starts with the virtual tour on August 3rd, and the workshops will be on August 6th; August

7th, August 13th, and August 14th.

Ms. Wilson stated she expects to be out of town when the first and second budget readings are scheduled.

Roll call vote: Ayes – Buck, Doherty, Hoffman, Thomason, Wilson, and Mayor Latham.
The motion passed unanimously.

(b) Item #18-096 – Approve the Attached Final Plat for Replat of All of Lot 1, Block D10, Ponte Vedra Unit Two, Supporting a Three-Lot, Single-Family Residential Subdivision

Motion: It was moved by Ms. Wilson and seconded by Ms. Hoffman, to approve the attached Final Plat for a Replat of all of Lot 1, Block D10, Ponte Vedra Unit Two, supporting a three-lot, single-family residential subdivision (100 Mills Lane – *Palm Grove*).

Discussion: Mr. Forbes explained each of the 3 lots exceeded the minimum lot size for *RS-1* zoning. He stated the Planning Commission approved the Concept Plat approval in January 2018.

A brief discussion ensued about the requirement for Council to approve Final Plats and confirming that the Replat is only for a single-family residential subdivision - no duplexes or triplexes.

Roll call vote: Ayes – Doherty, Hoffman, Thomason, Wilson, Buck, and Mayor Latham.
The motion passed unanimously.

(c) Item #18-097 – Approve a Draw from the Federal Equitable Sharing Fund to Purchase a Smart Trailer with a Programmable Reader Board and a Portable Traffic Counter

Motion: It was moved by Ms. Wilson and seconded by Ms. Hoffman, to approve a draw of \$18,499 from the from the Federal Equitable Sharing Fund to purchase a Smart Trailer with reader board and a portable traffic counter as described in a May 23, 2018, memorandum from Police Chief Patrick Dooley.

Discussion: Mr. Forbes referred to photos of the Smart Trailer with the reader board and traffic counter. This equipment is helpful to track and resolve the speeding issues and complaints in the City.

Mayor Latham stated his support for the agenda item.

Roll call vote: Ayes – Hoffman, Thomason, Wilson, Buck, Doherty, and Mayor Latham.
The motion passed unanimously.

(d) Item #18-098 – Approve a Lease Agreements with EZGO for Sixty (60) Lithium Powered Golf Carts and fifteen (15) Gas Powered Utility Vehicles

Motion: It was moved by Ms. Wilson and seconded by Ms. Hoffman, to approve a lease agreement with EZGO for sixty (60) lithium powered golf carts and fifteen (15) gas-powered utility vehicles, as described in the memorandum from the Director of Parks and Recreation dated May 24, 2018.

Discussion: Mr. Forbes stated this is the first of three items regarding the Golf Course so that we can stay on schedule for the re-opening in September 2018.

Mr. Forbes stated lithium batteries are an alternative to lead-acid batteries. They are half the size, less weight, less maintenance, warranty for a five-year life span, require less energy to power and charge in half the time. There is an estimated cost saving between \$4.89 and \$8.71 per cart, per month. The annual lease will cost \$96,990.

Jason Phitides, Director of Parks and Recreation, confirmed that EZGO allowed suspension of the lease payments while the Golf Course was shut down. Mr. Phitides stated the gas-powered carts are for use by Public Works, Streets, Pollution Control, Grounds department, and Golf Course maintenance.

There was a brief discussion about using GPS on the golf carts.

Roll call vote: Ayes – Thomason, Wilson, Buck, Doherty, Hoffman, and Mayor Latham.
The motion passed unanimously.

(e) **Item #18-099 – Approve Replacements of Key Components of the Golf Course Irrigation System**

Motion: It was moved by Ms. Wilson and seconded by Ms. Hoffman, to approve replacements of key components of the Golf Course irrigation system, as described in the memorandum from the Director of Parks and Recreation dated May 23, 2018.

Discussion: Mr. Forbes detailed key components - the gate valves, electric control valves and sprinkler heads - and he explained how they function. He stated this project was scheduled in the Capital Improvements Plan for the next year, but now it is moved up with the rebuilding of the golf course. There will be brand new greens, and it is critical that they are adequately watered.

Roll call vote: Ayes – Wilson, Buck, Doherty, Hoffman, Thomason, and Mayor Latham.
The motion passed unanimously.

(f) **Item #18-100 – Authorize a Hazard Mitigation Grant Application for a Property Acquisition and Demolition Project at 3640 Sanctuary Way South**

Motion: It was moved by Ms. Wilson and seconded by Ms. Hoffman, to authorize a Hazard Mitigation Grant Program grant application for property acquisition and demolition project at 3640 Sanctuary Way South.

Discussion: Mr. Forbes stated this is a FEMA program where properties with flooding problems are removed and then the local government is allowed to purchase that property. FEMA would fund up to 75% of the costs and the applicant matches with 25% of non-federal funds. During the last two major storms, Mr. Forbes stated that this property/home has flooded twice.

He further explained the program is processed by each county and Jacksonville/Duval County is looking at 72 properties with an approximate value of \$10.8 million. (COJB property is #2 on the list) Mr. Forbes explained the process in detail and showed the estimated 25% cost is \$104,000 for Jacksonville Beach. The application process could take up to two years. The plan, if approved, would be to turn this property into a stormwater area.

A lengthy discussion ensued noting concerns and issues as follows:

- Hard to justify the City spending over \$100,000 without setting a precedent.
- Property is an isolated situation - does not pose detrimental issues to neighboring properties or roads.
- Homeowners insurance covered expenses to fix/repair property after two separate hurricane flooding experiences and the property currently is habitable.

Ms. Hoffman stated her support of the opportunity to apply for a new grant program.

There was a discussion about the DOT drainage area and their responsibility for maintenance of it.

Roll call vote: Ayes – Hoffman

Nays – Buck, Doherty, Thomason, Wilson, Mayor Latham.

The motion failed by a vote of 5 to 1.

- (g) **Item #18-101 – Authorize the Final Design of the Replacement of the Dune Walkovers and the Repairs/Extensions of the Beach Stormwater Outfalls Project to *Applied Technology and Management, Inc.***

Motion: It was moved by Ms. Wilson and seconded by Ms. Hoffman, to authorize the final design for the replacement of the dune walkovers and the repair/extension of the Beach Stormwater Outfalls to *Applied Technology and Management, Inc.*, as described in the memorandum from the Director of Public Works dated May 20, 2018.

Discussion: Mr. Forbes reviewed the details of the existing dune walkovers and beach outfalls in the City, noting there was damage from the last two major hurricanes. The plan is to redesign the walkovers to go higher over the dunes. Also, we plan to extend the outfalls under the dunes, so we don't have to clean out after every storm. Attached to the agenda memorandum is a map showing the locations of the walkovers and outfalls.

As detailed in the memorandum, Mr. Forbes reviewed the breakdown of the design fees and the funding sources. He also stated the design has been completed for the four ADA dune walkovers.

Roll call vote: Ayes – Doherty, Hoffman, Thomason, Wilson, Buck, and Mayor Latham.

The motion passed unanimously.

- (h) **Item #18-102 – Award City Bid No. 1718-18, Stormwater Channel Improvements through the Golf Course to *Jax Utilities Management, Inc.***

Motion: It was moved by Ms. Wilson and seconded by Ms. Hoffman, to Award City Bid No. 1718-18, Stormwater Channel Improvements through the Golf Course to *Jax Utilities Management, Inc.* as described in the memorandum from the Public Works Director dated May 24, 2018.

Discussion: Mr. Forbes stated this project will clear and improve the drainage. He reviewed the agenda memorandum that detailed the project summary, the bid information, and the funding sources.

Mr. Forbes spoke about receiving only one bid on this project. It was advertised and sent to thirteen contractors. The work needs to be completed in time for the scheduled reopening of the golf course, and the contractors could not meet the required time frame for completion.

Discussion ensued about the trees that are the natural buffer between the golf course and the hospital property, and the need to clear all the way to the Intracoastal Waterway, not just the property adjoining the golf course. Parks and Recreation Director, Jason Phitides explained he will save as many trees as possible that adjoins the hospital.

Roll call vote: Ayes – Hoffman, Thomason, Wilson, Buck, Doherty, and Mayor Latham.
The motion passed unanimously.

RESOLUTIONS:

Item #18-103 RESOLUTION NO. 2010-2018

Mayor Latham requested that the City Clerk read Resolution No. 2010-2018 by title only, whereupon Ms. Scott read the following:

“A RESOLUTION OF SUPPORT FOR THE DUVAL COUNTY MARITIME MANAGEMENT PLAN, PROVIDING FOR AN EFFECTIVE DATE; AND FOR OTHER PURPOSES. “

Motion: It was moved by Ms. Wilson and seconded by Ms. Hoffman, to adopt Resolution No. 2010-2018, in support of the 2018 Duval County Maritime Management Plan.

Summary: Mr. Forbes explained the Plan is a guide for Jacksonville, Baldwin, and the Beach cities to protect and have sustainable use of the Intracoastal Waterway, the St. Johns River and major tributaries. Jacksonville Beach is represented in the Plan, which includes the fishing pier, Cradle Creek, and property acquisition to extend public facilities.

Roll call vote: Ayes – Thomason, Wilson, Buck, Doherty, Hoffman, and Mayor Latham.
The motion passed unanimously.

ADJOURNMENT:

There being no further business, the meeting adjourned at 8:15 P.M.

Submitted by: Laurie Scott
City Clerk

Approval:

William C. Latham, MAYOR

Date: _____

LS/njp

Beaches Energy

Services

1460-A Shetter Ave

Jacksonville Beach

FL 32250

Phone: 904.247.6281

www.beachesenergy.com

MEMORANDUM

TO: George D. Forbes, City Manager

FROM: Allen Putnam, Director of Beaches Energy Services

SUBJECT: Letter of Recognition for Participation in the Lineworkers Competition & Rodeo

DATE: June 2, 2018

ACTION REQUESTED

I respectfully request that the Beaches Energy Services employees named below be formally recognized before the Jacksonville Beach City Council for their efforts in training for and competing in the Florida Municipal Electric Association's (FMEA) 2018 Florida Lineman Competition and the 2018 American Public Power Association (APPA) Lineworkers Rodeo.

BACKGROUND

This past March, several of Beaches Energy Services Lineworkers traveled to Kissimmee, Florida to compete in the Florida Municipal Electric Association's (FMEA) Lineman Competition. Florida public power line workers from Florida municipal utilities and electric cooperatives come together from all over the State to compete. Again in May, some of these same employees traveled to Raleigh, North Carolina to compete in their first American Public Power Association (APPA) National Lineworkers Rodeo.

The Florida Municipal Electric Association Lineman Competition is the State-level event while the American Public Power Association's (APPA) Lineworkers Rodeo is the national event during which public power lineworkers can showcase their skill and knowledge.

At these competitions, journeyman and apprentice lineworkers compete for professional recognition, attend training courses, and practice essential skills in a safe environment. Furthermore, attendees have a unique opportunity to connect with and learn from the nationwide community of lineworker professionals.

MEMORANDUM

Lineworkers Competition & Rodeo

June 2, 2018

Page 2

These competitions are a culmination of months of preparation and many hours of training and practice. Competing in these competitions takes great commitment and shows personal pride in the craft of linework. These employees sharpen their skills and learn new and safer techniques and Beaches Energy receives the benefit of a better lineworker.

It is with great pride that I recognize these employees for their commitment, dedication and hard work. While our teams did not bring home any trophies they did do well in many events against some of the best competition in public power.

The team members who participated in both the Lineworker Competition and Lineworker Rodeo are as follows:

Journeyman Team (Journey Lineworkers): Nick Currie, Logan Cox and Cody Hutchins

APPA Lineworker Rodeo Notable Finishes: (Total of 85 Journey Lineworker teams)

4kV 600 Amp Switch Replacement – 12th Place

4kV Four Bell Change-Out – 22nd Place

4kV Cross-arm Change-Out- 5th Place

Hurt Man Rescue – 4th Place

Overall – 21st Place (out of a total 85 teams)

Apprentice Line workers: Jose Grimaldo, Melvin Mercado and Cory Haag

APPA Lineworker Rodeo Notable Finishes: (Total of 144 competitors)

Double Dead-End Bell Change Out

Cory Haag – 17th place

Hurt-Man Rescue

Cory Haag – 23rd place

Rope Toss

Jose Grimaldo – 26th Place

MEMORANDUM

Lineworkers Competition & Rodeo

June 3, 2018

Page 3

RECOMMENDATION

Recognize Beaches Energy employees who participated in the Lineworkers Competition and Rodeo.

City of

Jacksonville Beach

City Hall

11 North Third Street

Jacksonville Beach

FL 32250

Phone: 904.247.6274

Fax: 904.270.1642

www.jacksonvillebeach.org

MEMORANDUM

TO: George D. Forbes, City Manager
FROM: Michael B. Nadeau, Chief Financial Officer
SUBJECT: Monthly Financial Reports for May 2018
DATE: June 4, 2018

Action Requested

Accept the monthly financial reports for the month of May 2018.

Background

The monthly financial reports for May 2018 are provided for your information and review. These reports can be found in the "Reports and Information" portion of this agenda.

Recommendation

Accept the financial reports for the month of May 2018, as submitted by the Chief Financial Officer.



Beaches Energy
Services

1460-A Shetter Ave

Jacksonville Beach

FL 32250

Phone: 904.247.6281

www.beachesenergy.com

MEMORANDUM

TO: George D. Forbes, City Manager
FROM: Allen Putnam, Director of Beaches Energy Services
SUBJECT: Bid #1718-21, Single Phase Pad Mount Switchgear
DATE: June 2, 2018

ACTION REQUESTED

Award Bid # 1718-21 for the purchase of single phase pad mount switchgear.

BACKGROUND

To enhance reliability and decrease restoration times, Beaches Energy Services utilizes equipment that allows field employees to isolate and reconfigure the primary distribution system through the operation of switches. In the event of a major circuit fault, Beaches Energy Services must have the ability to sectionalize the affected area, minimizing the number of customers out of service, while permanent repairs are made.

Bid No. 1718-21 establishes the specifications for single phase pad mount switchgear. The solicitation was advertised and we received the following five (5) responses:

Vendor	Price
Trayer Engineering Corporation	\$14,955
Stuart C. Irby	\$15,637
Gresco	\$24,763
Anixter, Inc.	\$24,763
G&W Electric Co.	\$25,052

Trayer Engineering Corporation was the low bidder and met all specifications with no exceptions. We anticipate installing one (1) or two (2) single phase pad mount switchgears during FY 2018. Funding for this purchase is included in the Beaches Energy Services budget for capital outlay.

MEMORANDUM

Bid #1718-21, Single Phase Pad Mount Switchgear

June 2, 2018

Page 2

RECOMMENDATION

Award Bid Number 1718-21 to Trayer Engineering Corporation for the purchase of Single Phase Pad Mount Switchgear.

PAD MOUNT SWITCHGEAR



City of
Jacksonville Beach
City Hall
11 North Third Street
Jacksonville Beach
FL 32250
Phone: 904.247.6274
Fax: 904.270.1642

www.jacksonvillebeach.org

MEMORANDUM

TO: George D. Forbes, City Manager
FROM: Michael Nadeau, Chief Financial Officer
SUBJECT: RFP No. 03-1718, Energy and Water Audit Services
DATE: June 8, 2018

ACTION REQUESTED:

Award RFP No. 03-1718 to Archstone Connections, LLC, dba Drops & Watts, for energy and water auditing services.

BACKGROUND

Beaches Energy Services offers energy and water audit services to our residential and commercial customers. The auditors help our customers understand their energy and water use and offer suggestions to lower their consumption. The audit process places emphasis on education and customer satisfaction. The City pays the fee for the residential audits and 50% of the fee for the commercial audits.

RFP No. 03-1718 establishes the specifications for energy and water audit services. The solicitation was advertised and invitations were mailed to three (3) vendors. Archstone Connections LLC, dba Drops & Watts, was the only respondent. Drops & Watts is the City's current provider for auditing services since June 20, 2011 and the current contract expires on July 31, 2018. In FY2017, this company performed 359 audits of all types, at a cost of \$43,305. We are very pleased with the services provided by Drops & Watts.

Pricing:

Description	Proposed	Current
Residential Water and Electric or Electric Audit	\$145	\$125
Residential Water Audit	\$130	\$125
Residential Checkup	\$115	\$125
Commercial – 0 to 3,000 kwh	\$165	\$135
Commercial – 3,001 to 10,000 kwh	\$190	\$190
Commercial – 10,000 to 20,000 kwh	\$290	\$290



Memo to George D. Forbes
Energy and Water Audit Services
June 8, 2018

2

The contract period is for five (5) years and may be extended for two (2) additional one (1) year terms, for a total contract length not to exceed seven (7) years. Extension terms are subject to mutual consent of the CITY and the CONTRACTOR. Funds for audit services are budgeted in the Beaches Energy Services operating budget.

RECOMMENDATION

Award RFP No. 03-1718 for Energy and Water Auditing Services to Archstone Connections, LLC, dba Drops & Watts, for a five (5) year period beginning on August 1, 2018.

City of
Jacksonville Beach
2508 South Beach
Parkway
Jacksonville Beach
FL 32250

Phone: 904.247.6236

Fax: 904.247.6143

www.jacksonvillebeach.org

TO: George Forbes,
City Manager

FROM: Jason Phitides,
Director Parks and Recreation

DATE: June 6, 2018

RE: Renovation of Playground at Sunshine Park.

ACTION REQUESTED:

Approve the renovation of the playground at Sunshine Park by Hufham Contracting in the amount of \$46,200.

BACKGROUND:

South Beach Park is a community park that serves residents throughout the City and surrounding area. Sunshine Park is a children's playground area within South Beach Park. The playground was built in 2001 and provides a large play area containing several swing sets, sandboxes and play features. The main attraction is the wood construction mini castle that spans approximately two thirds of the park. Over the years, the wood has deteriorated and is in need of renovation. Most of the fasteners also need replacement.

The scope of work to safely restore and prolong the life of the playground includes:

1. Replace weathered and decayed wood.
2. Cut out the safety fall zone surrounding each support post to inspect for termite damage or wood rot. Replace where necessary and re-install fall zone material.
3. Reinforce wood screw attachments with stainless steel screws, and replace all bolt fasteners throughout the park, including the surrounding fence.
4. Replace all movable hardware on swing sets.
5. Rebuild benches in sand boxes.
6. Remove and replace sand in sand boxes and remove sand throughout safety fall zone area.
7. Repair safety fall zone under swing sets.



Hufham Contracting is a licensed General Contractor under a continuing services contract with the City. Hufham has performed a thorough inspection of the playground and estimates the project to be completed in approximately nine weeks.

The park will not be closed during the renovation and the Contractor will work a section at a time, providing a safety barrier around the work area.

Total cost to complete is \$42,000, which includes \$16,800 for materials and \$25,200 in labor. Staff recommend a 10% contingency of \$4,200 for a total project amount of \$46,200. All labor and materials will include one-year warranty.

Funding for the project will be provided from the South Beach TIF and was included in the FY 2018 maintenance budget. Funding was approved by the CRA on May 29, 2018.

RECOMMENDATION:

Approve the renovation of the playground at Sunshine Park by Hufham Contracting in the amount of \$46,200, as described in the memorandum from the Director of Parks and Recreation dated June 6, 2018.

City of

Jacksonville Beach

Operations &

Maintenance Facility

Department of Public

Works

1460-A Shetter Avenue

Jacksonville Beach

FL 32250

Phone: 904.247.6219

Fax: 904.247.6117

www.jacksonvillebeach.org

June 10, 2018

TO: George Forbes, City Manager

FROM: Dave Millinor, Public Works Director

SUBJECT: Award Unit Price Bid # 1718-19, "Milling, Paving, Sidewalk/Curbing Repairs"

ACTION REQUESTED:

Award Bid # 1718-19, for "Milling, Paving, Sidewalk/Curbing Repairs," to the lowest qualified bidder, *Kudzue 3 Trucking, Inc.*

BACKGROUND:

This project is part of the City's street maintenance program to renew aging roadways, where street surfaces are renewed by milling and repaving or overlaying. It entails resurfacing up to 3 miles (+/-) of roadways in the Constitution Cove Subdivision, America Avenue, Sanctuary Blvd and Arden Way as shown on the attached overview maps.

In conjunction with the street maintenance project, curbs and sidewalks will be repaired or replaced and new handicap access ramps will be installed within the Constitution Cove subdivision prior to milling and paving. The quantities for the construction work are estimates and any increase or decrease from the initial quantities will be at the unit price proposed by the contractor. Lastly, the bid includes a unit cost for the adjustment of sanitary sewer manholes and water valve boxes if needed during the milling and paving.

The Invitation to Bid was advertised, and six (6) bids were received by the bid closing date (The bid tabulation sheet is attached). The Public Works Streets Division staff evaluated the bids and recommended award to the lowest qualified bidder, *Kudzue 3 Trucking, Inc.* The cost and staff recommendation are summarized below:



**AWARD RECOMMENDATION for Unit Price Bid #1718-19,
Milling, Paving, Sidewalk/Curbing Repairs**

<u>Description</u>	<u>Estimated Cost</u>	<u>Recommendation</u>
<u>Bid Items</u> 1,2,3, (Milling and Paving ~ 3 miles)	\$619,761.58	• <u>Award to Kudzue 3 Trucking, Inc.</u> , the lowest qualified bidder.
<u>Bid Items</u> 4 thru 9 (Curbs, Sidewalks and Handicap Ramps)	\$631,194.85	
Sub-Total:	\$1,250,956.43	
10% Contingency:	<u>\$125,095.64</u>	
Grand Total:	\$1,376,052.07	

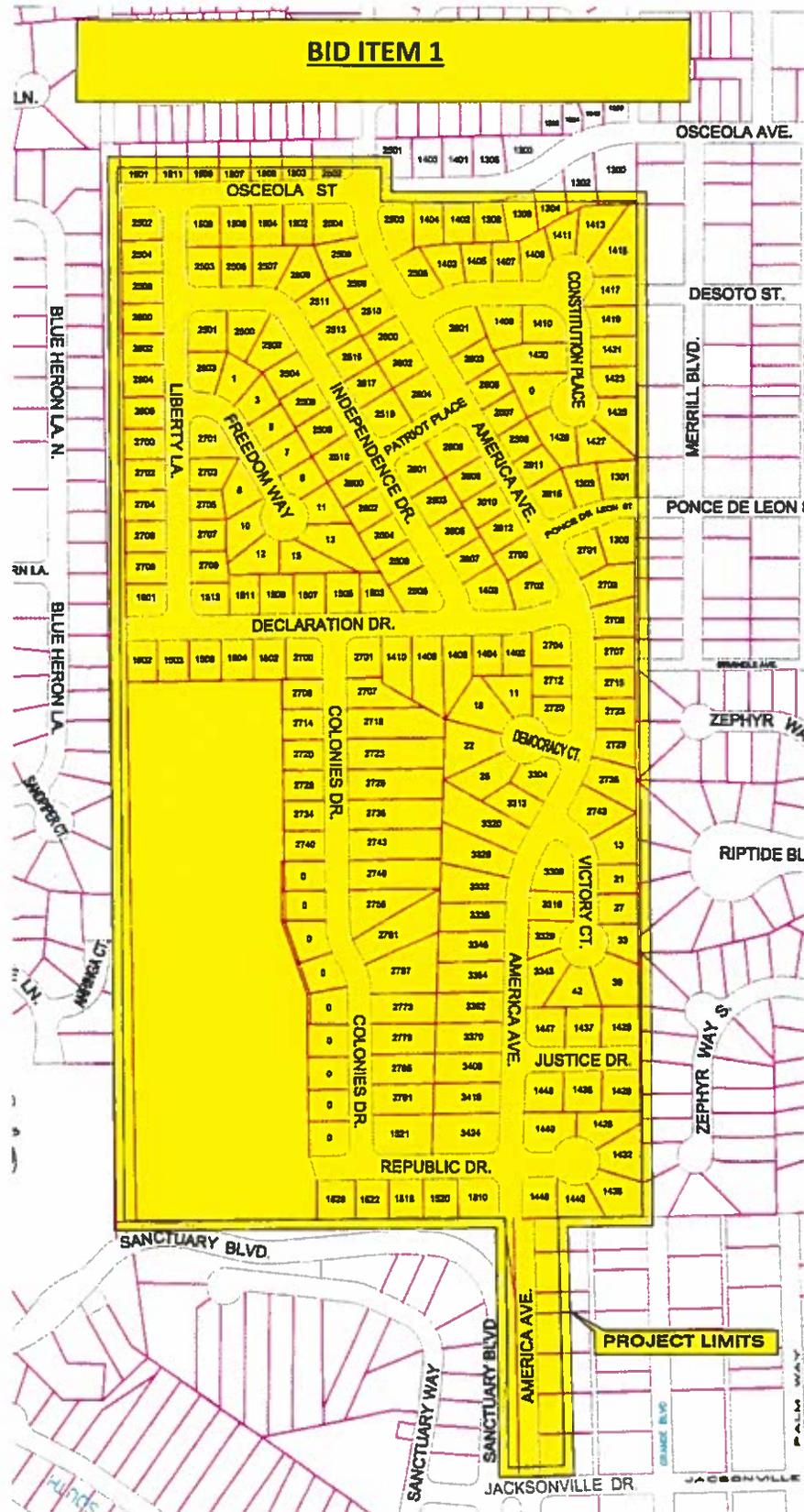
Project funding is available in the amount of \$500,000 from the Local Option Gas Tax and \$876,052.07 from the General Capital Projects funds. The FY2018 budget will be adjusted accordingly at year-end.

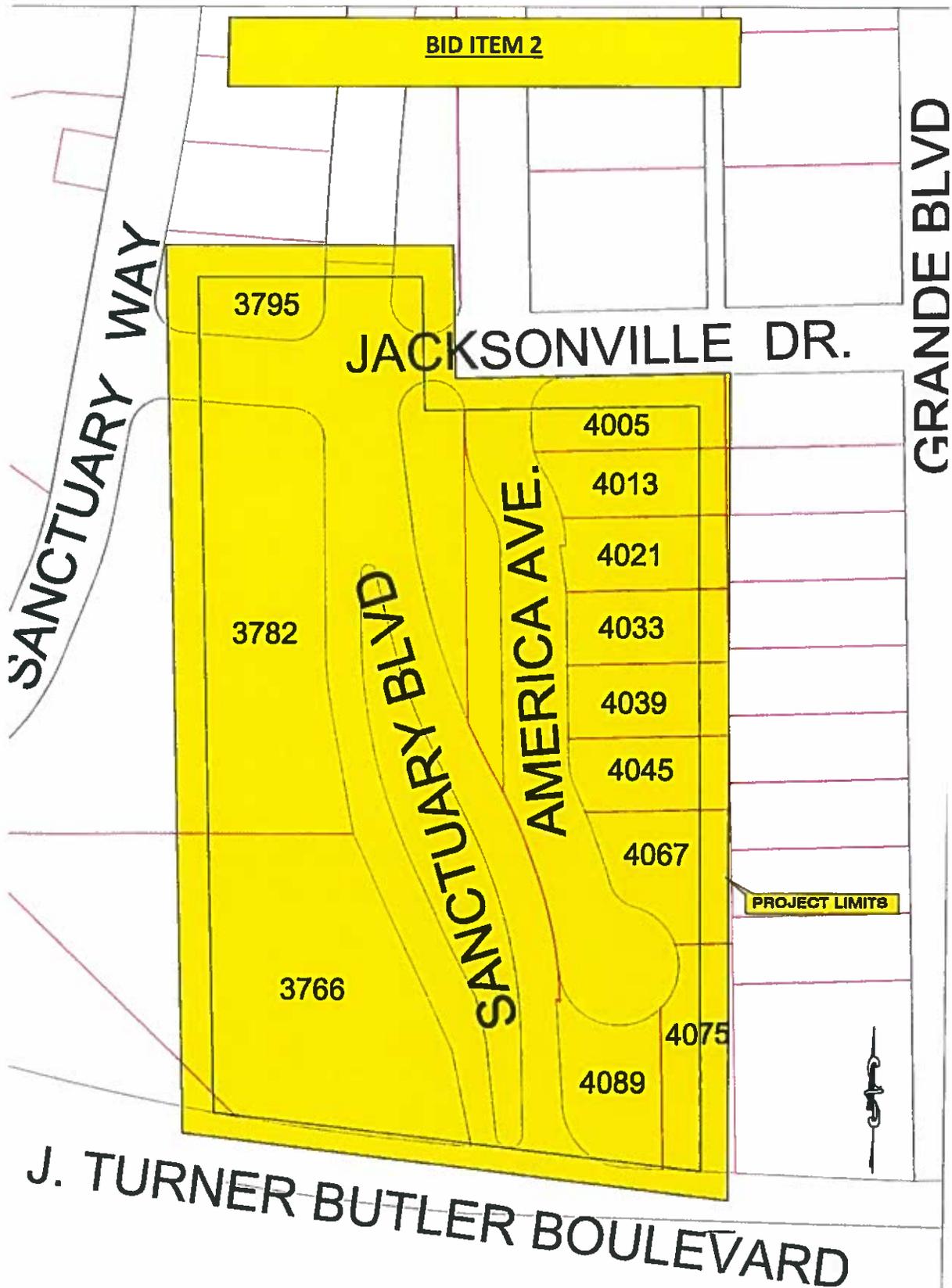
RECOMMENDATION:

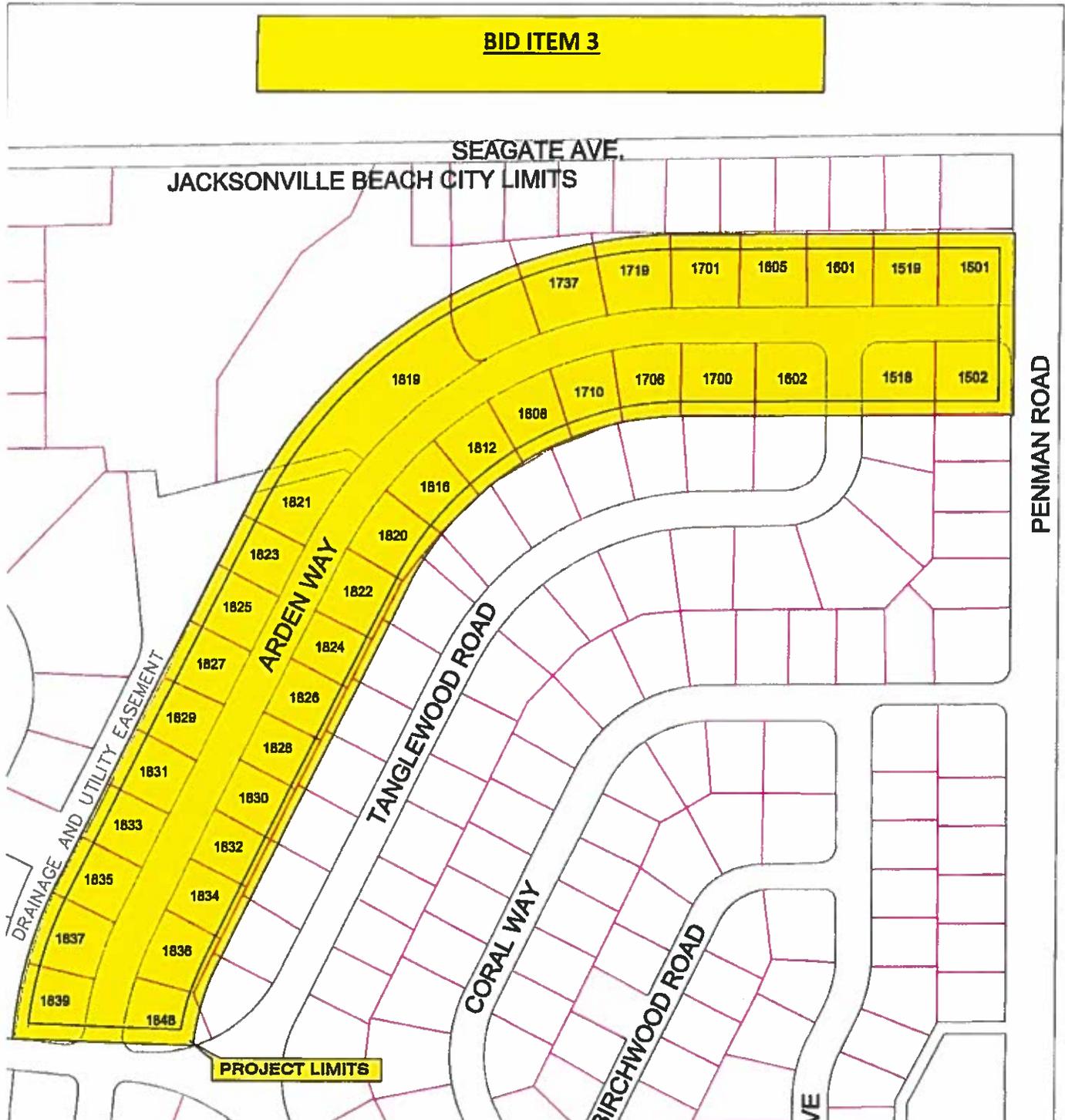
Award Bid Number 1718-19, titled "Milling, Paving, Sidewalk/Curbing Repairs," to *Kudzue 3 Trucking, Incorporated*, as explained in the memorandum from the Public Works Director dated June 10, 2018.

City of Jacksonville Beach
 Bid Tabulation
 Bid #:1718-19 Milling, Paving, Sidewalk/Curbing Repairs

Bid Item/ Location	QTY	UOM	Duval Asphalt	All Pro Asphalt	Hubbard	CGC, Inc.	Preferred Materials	Kudzue 3 Trucking
Bid Item 1:								
Consitution Cove Subdivision	32,944	SY	\$ 803,833.60	\$ 551,153.12	\$ 692,482.88	\$ 749,146.56	\$ 545,552.64	\$ 510,302.56
Total Bid Item 1			\$ 803,833.60	\$ 551,153.12	\$ 692,482.88	\$ 749,146.56	\$ 545,552.64	\$ 510,302.56
Bid Item 2:								
America Avenue	1,945	SY	\$ 38,900.00	\$ 26,257.50	\$ 34,659.90	\$ 32,092.50	\$ 31,878.55	\$ 26,393.65
Sanctuary Blvd	1,507	SY	\$ 30,140.00	\$ 20,344.50	\$ 27,984.99	\$ 33,832.15	\$ 36,062.51	\$ 21,685.73
Total Bid Item 2			\$ 69,040.00	\$ 46,602.00	\$ 62,644.89	\$ 65,924.65	\$ 67,941.06	\$ 48,079.38
Bid Item 3:								
Arden Way	4,942	SY	\$ 98,840.00	\$ 66,717.00	\$ 84,508.20	\$ 86,732.10	\$ 71,560.16	\$ 61,379.64
Total Bid Item 3			\$ 98,840.00	\$ 66,717.00	\$ 84,508.20	\$ 86,732.10	\$ 71,560.16	\$ 61,379.64
Total Lump Sum - Items 1, 2 & 3			\$ 971,713.60	\$ 664,472.12	\$ 839,635.97	\$ 901,803.31	\$ 685,053.86	\$ 619,761.58
Bid Item 4-9:								
4. Removal/Replacement/Disposal of Existing Concrete Sidewalk and/or driveways and Replace with 3000 PSI Concrete (6" thick)								
	46,475	SF	\$ 348,562.50	\$ 431,288.00	\$ 527,956.00	\$ 611,611.00	\$ 345,774.00	\$ 332,296.25
5. Removal/Replacement/Disposal of Existing Concrete Curbing (all types) and Replace with 3000 PSI Concrete								
	3,850	LF	\$ 138,985.00	\$ 89,705.00	\$ 157,272.50	\$ 127,050.00	\$ 138,792.50	\$ 122,815.00
6. Removal/Replacement/Disposal of Existing Concrete Curbing (all types) where new ADA Handicap Ramps are to be installed.								
	648	LF	\$ 23,392.80	\$ 15,098.40	\$ 27,889.92	\$ 23,328.00	\$ 23,360.40	\$ 25,660.80
7. Installation of new Ramp Curb for Handicap Access Ramps								
	2,912	LF	\$ 94,640.00	\$ 443,352.00	\$ 115,839.36	\$ 75,712.00	\$ 94,494.40	\$ 89,689.60
8. Installation of Deteachable Warning on Walking Surfaces								
	432	SF	\$ 12,096.00	\$ 14,472.00	\$ 13,824.00	\$ 17,280.00	\$ 7,992.00	\$ 19,483.20
9. Regrading/Sod installation in Areas Not Directly affected by concrete work.								
	5,000	SF	\$ 20,000.00	\$ 21,300.00	\$ 21,250.00	\$ 15,000.00	\$ 26,850.00	\$ 41,250.00
Total Lump Sum - Item 4-9			\$ 637,676.30	\$ 1,015,215.40	\$ 864,031.78	\$ 869,981.00	\$ 637,263.30	\$ 631,194.85
Bid Item 10:								
A. Manhole Adjustment		EA	\$ 1,950.00	\$ 650.00	\$ 1,250.00	\$ 3,000.00	\$ 600.00	\$ 850.00
B. Valve Box Adjustment		EA	\$ 1,250.00	\$ 450.00	\$ 1,250.00	\$ 1,500.00	\$ 400.00	\$ 650.00
GRAND TOTAL Items 1-9			\$ 1,609,389.90	\$ 1,679,687.52	\$ 1,703,667.75	\$ 1,771,784.31	\$ 1,322,317.16	\$ 1,250,956.43







June 9, 2018

TO: George Forbes, City Manager

FROM: Ty Edwards, Public Works

RE: Authorize the Rehabilitation of the South Elevated Water Tank

ACTION REQUESTED:

Authorize the rehabilitation of the South Water Tower with *Tank Rehab, Inc.*

BACKGROUND:

The City's South Elevated Water Tank, located at 2120 Gordon Avenue, was constructed in the early to mid-1950s. Being so near the Atlantic Ocean and its corrosive salt environment, the tower requires major exterior maintenance every 10 years, which was last accomplished in December 2007. In January 2017, the water tower and its 200,000 gallon tank were inspected by a certified engineer for its required 5-year, FDEP washout and engineer inspection. This 5-year interval inspection determines the minimal work necessary to maintain the tower in usable condition. This inspection determined that the exterior coating was in fair condition, having some areas where the coating had failed. This report recommended an overcoat paint be applied, as a minimum, before corrosion worsened. This report formed the basis for the \$165,000 budget in the 2018 Public Works business plan.

Late in 2017, we had a more extensive inspection performed separately by two of our water tank continuous service contractors – *Tank Rehab* and *Utility Service Co.* Both of these inspections recommended draping, preparing and blasting the elevated water tank and applying a high quality coating system. The Tnemec Coating Representative recommends using the Tnemec Hydroflon topcoat, which would greatly extend the color gloss and life cycle of the paint.

In January 2018, *Corrpro Waterworks* conducted the annual serviceability inspection of the cathodic protection system, installed by *Corrpro* in 1990-1991, on each of our elevated water tanks. *Corrpro* determined that the cathodic protection system on the South Elevated Water Tank requires significant maintenance at a cost of approximately \$6,500. This work is to be done with separate funding and purchase order and is scheduled at the same time as the tank's rehabilitation.

Communication companies lease space from the City on the two water towers for mounting antennae and installing supporting ground facilities. Past practice has

City of
Jacksonville Beach
Operations &
Maintenance Facility
Department of Public
Works
1460-A Shetter Avenue
Jacksonville Beach
FL 32250
Phone: 904.247.6219
Fax: 904.247.6117

www.jacksonvillebeach.org



been to install the antennae mounts on the existing tank handrail. This has contributed to corrosion with constricted space for maintenance. Current industry practice is to install a "corral" type mount system on the top of the water tank, allowing much better access for tank / coating maintenance (See attached photo.) We will coordinate to have the antennas temporarily removed during renovation and reinstalled in a new corral on the top of the water tower.

We requested and received pricing from our three (3) elevated tank maintenance continuous service contractors for the rehabilitation work. The contractor prices are summarized in the following chart.

City Continuous Service Tank Contractors	Price	Staff Recommendation
<i>Tank Rehab</i>	\$214,200.00	• Authorize work with <i>Tank Rehab</i>
Utility Service Co.	\$373,896.00	
American Tank	\$533,109.00	
<ul style="list-style-type: none"> • Tank Rehab's itemized pricing consists of draping, preparing, blasting, and painting the exterior surfaces of the tank, replacing / moving a few metal components, and installation of antennae corral (if ordered by the City) including spot repair / coating of the tank interior at the weld spots. 		

The elevated tank rehabilitation is planned after the hurricane season. Once mobilized and on the tank, the contractor will conduct a detailed inspection with photos, identifying any additional corroded / damaged metal components that require replacement. In 2007, the initial cost of the rehabilitation was \$147,600, plus a change order due to the detailed inspection of \$180,800, for a total rehabilitation cost of \$328,400. For this reason, staff recommends a change order budget of \$86,000 to address quickly the repair / replacement of corroded, damaged metal components identified during the contractor's detailed inspection after mobilization. The following chart summarizes the staff recommendation:

Recommended Budget Authorization South Elevated Tank Rehabilitation		
Tank Rehabilitation	\$214,200.00	• Work authorized with <i>Tank Rehab</i>
Needed Repairs (such as repair / replace metal components)	\$86,000.00	• Repairs identified during the contractor's detailed inspection after mobilization.
TOTAL:	\$300,200.00	

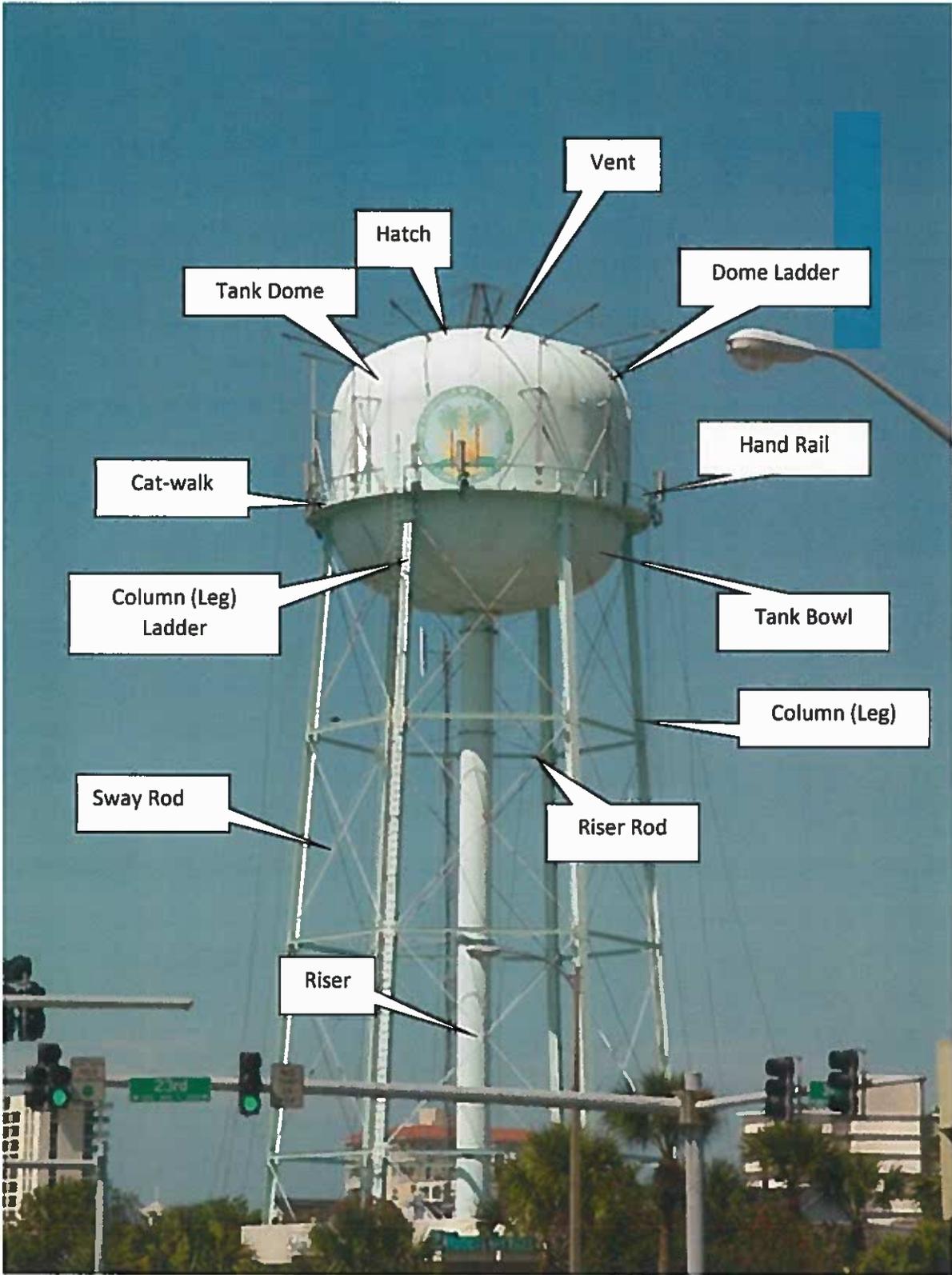
As discussed previously, a portion of the funds (\$165,000) for this work is budgeted in the FY 2018 Public Works Water Plant Division Capital account. The remainder is available in the Water and Sewer Fund and the budget will be modified accordingly at year-end.

Staff recommends that:

1. The City Council authorize ***Tank Rehab*** to rehabilitate the South Elevated Water Tank at the quoted price of \$214,200, plus a contingency of \$86,000 for necessary repairs, for a total cost not to exceed \$300,200.
2. The City Council authorize ***Corrpro Waterworks***, as the single source for purchase of serviceability inspections, maintenance and replacement parts for the cathodic protections systems on the City's elevated water tanks, since *Corrpro* is the specialized original installer.

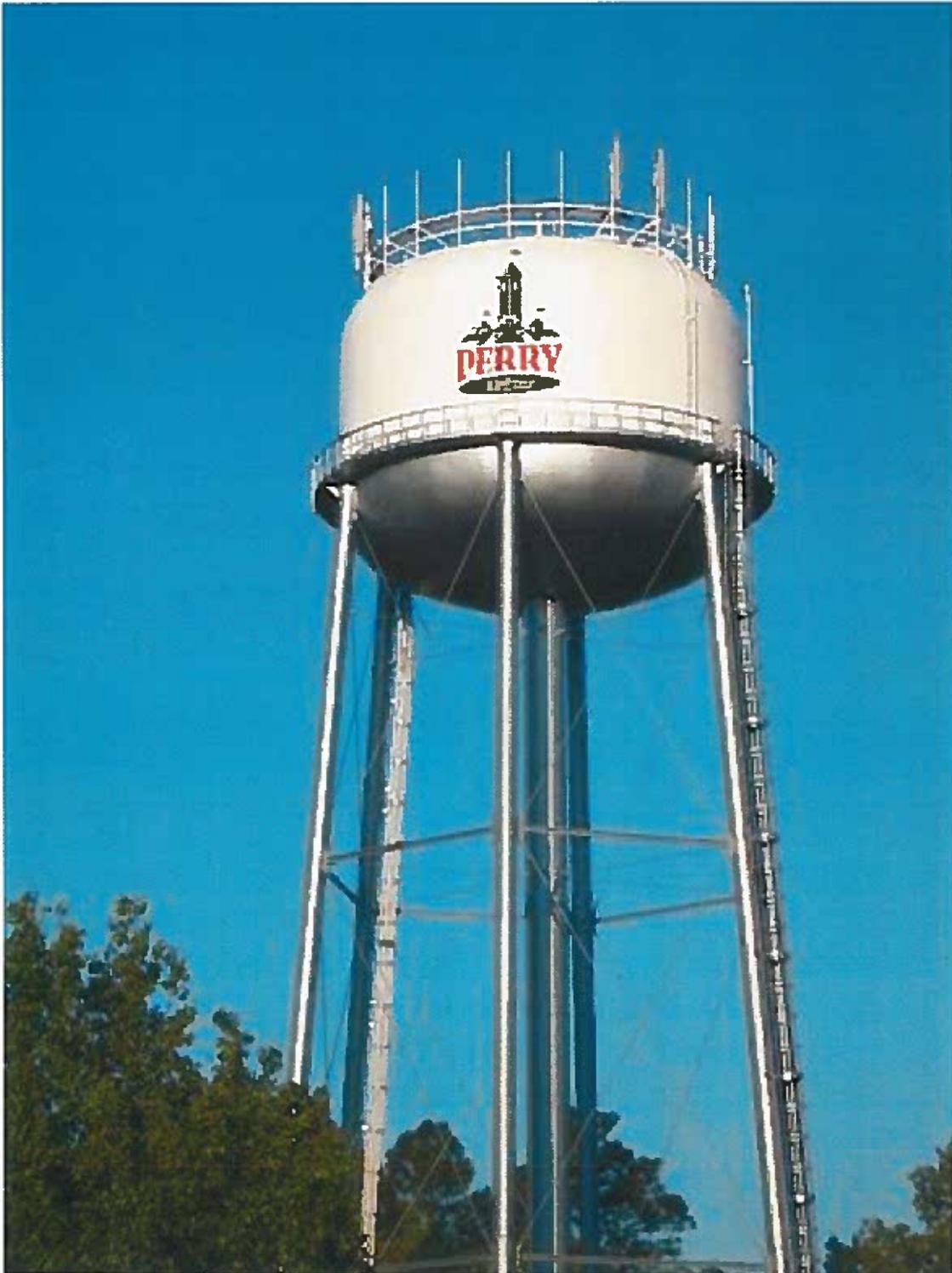
RECOMMENDATION:

Authorize the rehabilitation of the South Elevated Water Tank with ***Tank Rehab*** as explained in the memorandum from the Public Works Director dated June 9, 2018.

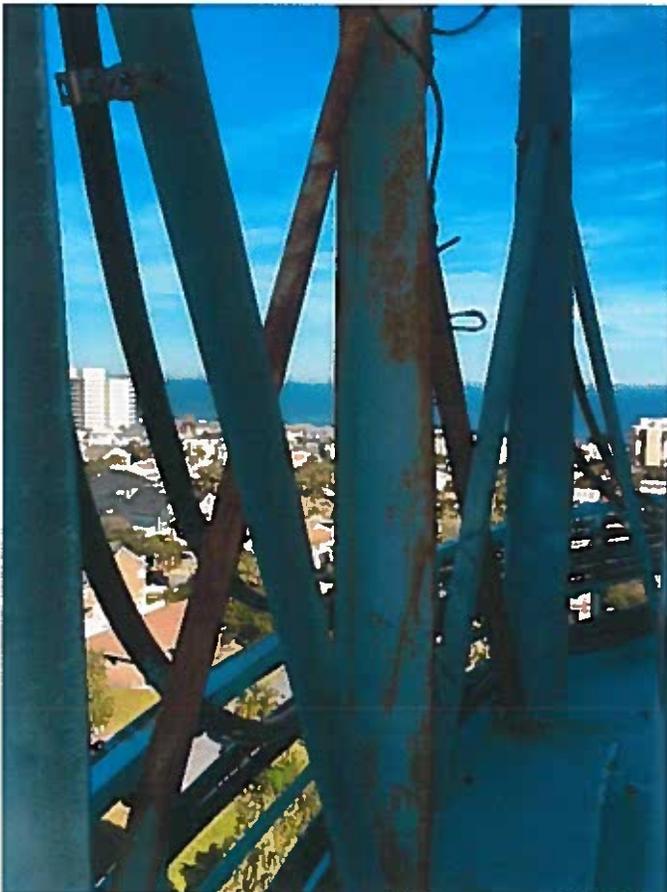
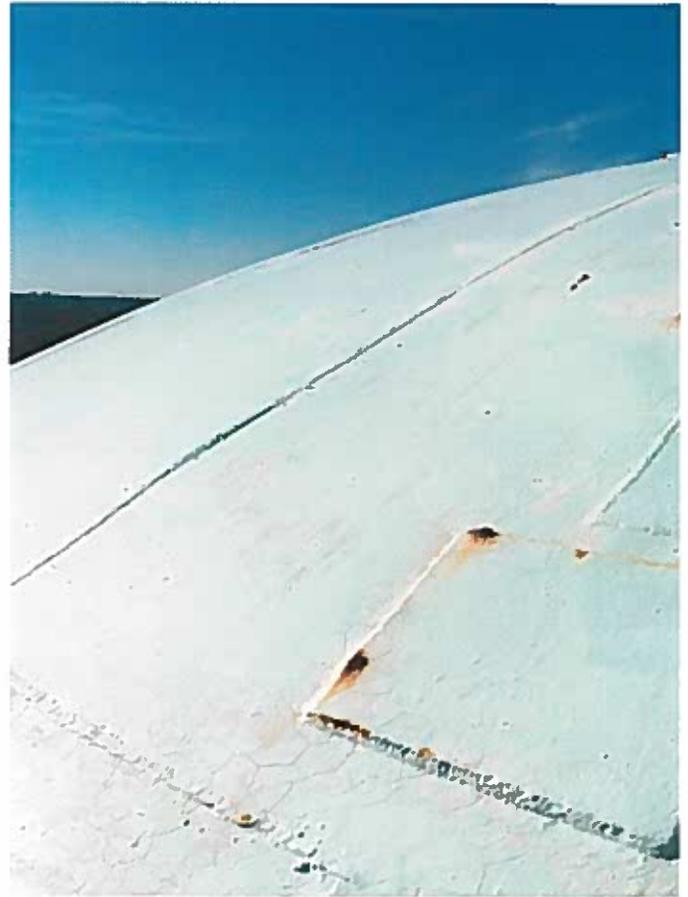
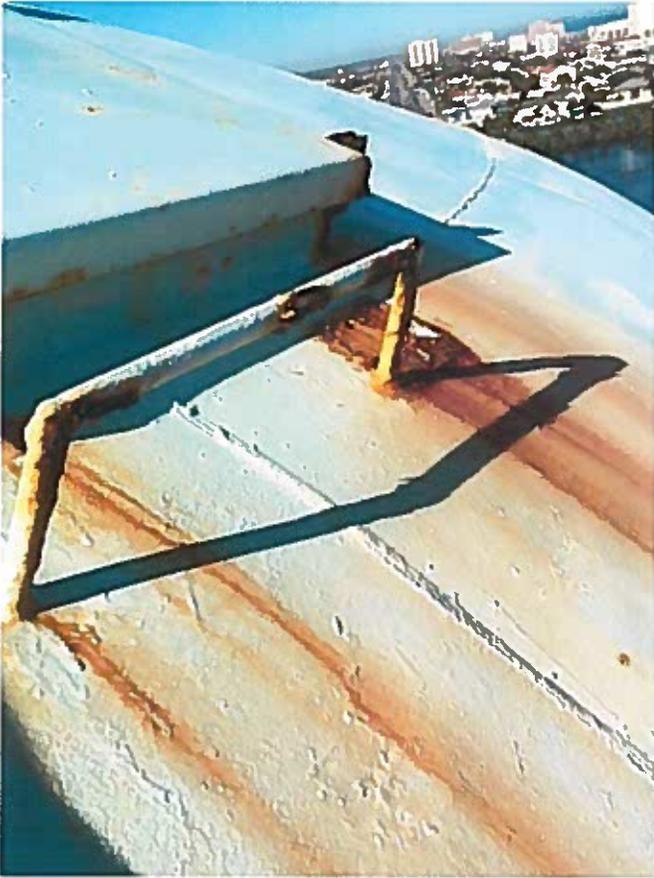


SOUTH ELEVATED WATER TANK
(South Water Tower)
2120 Gordon Avenue)

**Example - Antenna Corral
On Top of an Elevated Water Tank**



2017 Photos, South Elevated Water Tank



City of

Jacksonville Beach

Operations &

Maintenance Facility

Department of Public

Works

1460-A Shetter Avenue

Jacksonville Beach

FL 32250

Phone: 904.247.6211
904.247.6219

Fax: 904.247.6117

www.jacksonvillebeach.org

June 14, 2018

TO: George Forbes, City Manager

FROM: Ty Edwards, Public Works Director

SUBJECT: Purchase of Replacement Mesh Panels for the Finishing Filters at the Wastewater Treatment Plant

ACTION REQUESTED:

Purchase replacement mesh panels for the final finishing filters at the City's advanced wastewater treatment facilities from *Carter & Verplanck, Inc.*

BACKGROUND:

The City's advanced wastewater treatment facilities use four (4) sequential batch reaction tanks that are located just before the effluent basins. Since the facility was commissioned in 2011, we have had problems with fouling of the final finishing filters. The effluent flow hits the filters as a surge when each tank empties, fouling the filters and requiring periodic manual cleaning of the filter mesh panels. The filter mesh panels have deteriorated over time and are in need of replacement.

In preparation for the replacement of the filter mesh panels, a project was approved in the FY 2018 Capital Improvement Plan to reduce the fouling of the filters, thus extending the life of the new replacement panels. The project concept was to convert the effluent flow to a lower continuous flow by adding continuous feed filter pumps. \$230,000 is set aside in the FY2018 Water & Sewer Capital Budget.

Over the years, continuous improvements have been made to the advanced wastewater treatment process and system facilities, reducing the fouling of the filters. The quality of the effluent flow surging through the finishing filters has improved so much that the continuous feed filter pumps are not needed at this time.

For this reason, staff recommends that the filter feed pump capital project be placed on indefinite hold while we continue to observe the situation. Instead, staff recommends moving forward in 2018 on replacing the deteriorated mesh panels for the finishing filters.



The City's advanced wastewater treatment project was one of the first projects to use the Nova final finishing filters. Since then, Nova initiated a mesh development/enhancement program using the field experience in facilities including Jacksonville Beach, Neptune Beach, Orange Park and JEA. A total of five (5) different mesh panel configurations have been installed for testing at Orange Park and JEA. The results of these tests have:

- Confirmed the most desirable features to achieve long-term durability.
- Identified the original limiting factors used on the Jax Beach filter mesh panels.

The newest mesh panels have the best features identified from the development efforts and that means longer mesh life, better filtration and elimination of outdated design features. These improved mesh panels have been installed on Nova filters as the standard product since 2014 with over 1,200 panels of this type installed and operating successfully in North America alone.

We have four (4) Nova final finishing filters installed at our advanced wastewater treatment facilities. Each filter contains ninety-six (96) mesh panels. The following chart summarizes the estimated cost.

Estimated Cost – Mesh Panels for Nova Filters				
<u>Unit Cost</u>	<u>Quantity Mesh Panels per Filter</u>	<u>Sub-Total</u>	<u># Filters</u>	<u>Total Cost</u>
\$356.50	100	\$35,560.00		
	Freight to Jax Bch:	\$1,600.00		
	Total per Nova Filter	\$37,250.00	4	\$149,000.00
	10% Contingency:			\$14,900.00
	GRAND TOTAL:			\$163,900.00

¹ Installation is included in price.

² Minimum order is 100 mesh panels.

³ Removal of old panels from the plant site is not included.

⁴ Funding is available in the 2018 Water & Sewer budget subject to authorizing the indefinite hold for the 2018 capital project to install new continuous filter feed pumps.

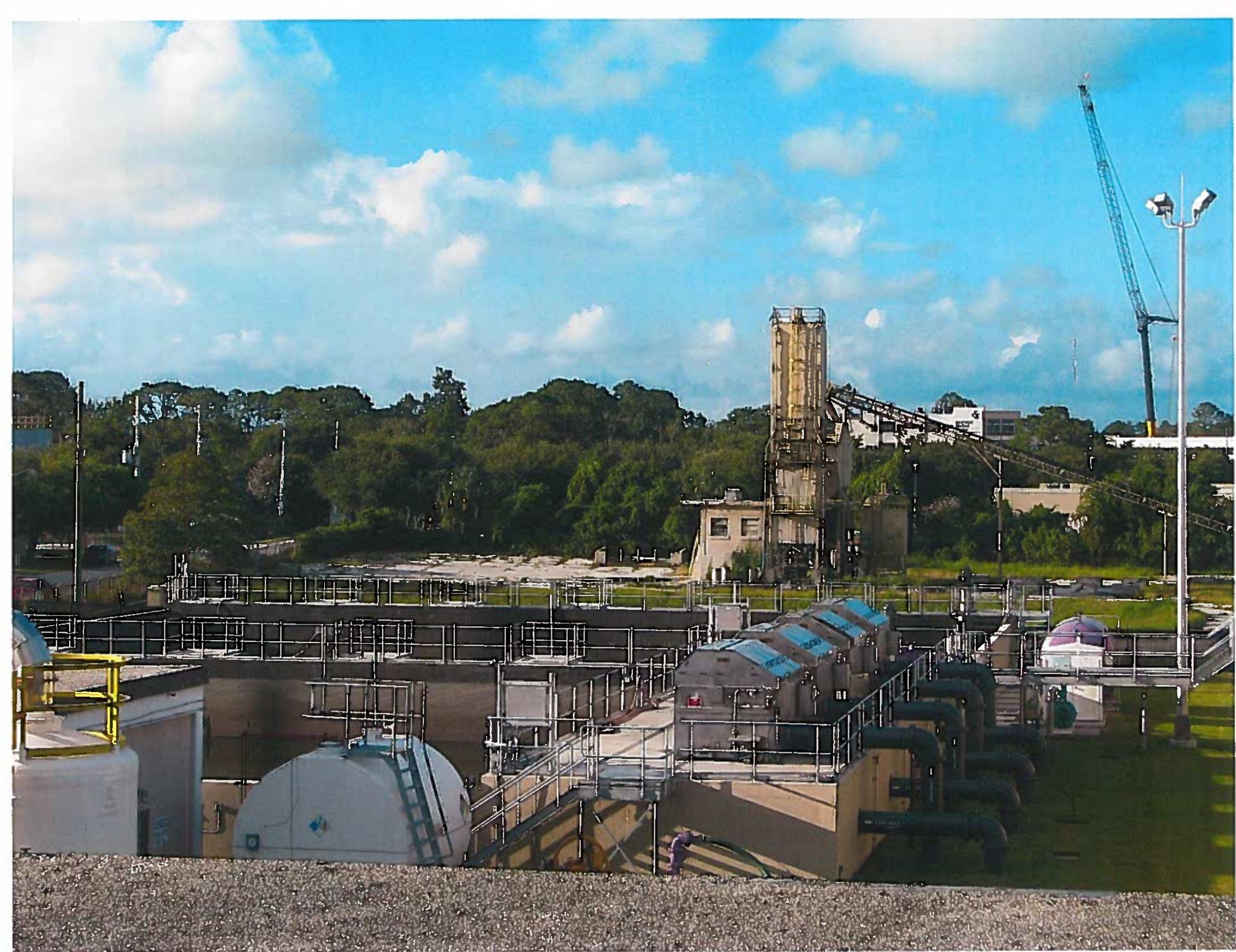
⁵ Initially, we plan to purchase and install the replacement mesh panels for only one Nova finishing filter and then monitor its performance for a reasonable period. Subsequently, we will purchase and install the mesh panels for the remaining three (3) filters.

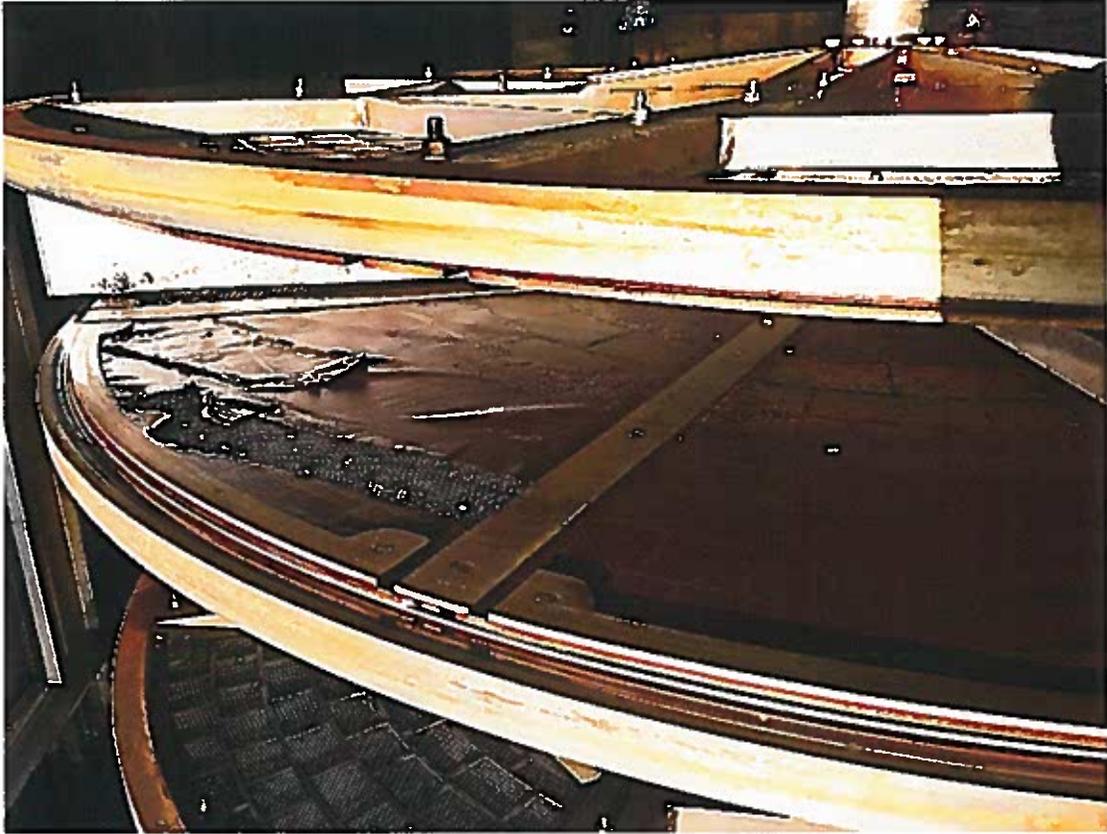
Staff recommends that:

1. The City Council authorize *NOVA Water Technologies*, through *Carter & Verplanck, Inc.*, *NOVA's* sole and exclusive representative in the state of Florida, as the single source provider for service maintenance and replacement parts for the *NOVA* final finishing filters at the City's advanced wastewater treatment facilities.
2. The City Council authorize the purchase of replacement mesh panels for the four (4) final finishing filters at the City's advanced wastewater treatment facility, at a cost of \$149,000 plus a 10% contingency, for a total cost not to exceed \$163,900.

RECOMMENDATION:

Authorize the purchase of mesh panels for the final finishing filters at the City's advanced wastewater treatment facilities from *Carter & Verplanck, Inc.*, the sole source in Florida for *NOVA Water Technologies*, as explained in the memorandum from the Public Works Director dated June 14, 2018.





City of

Jacksonville Beach

City Hall

11 North Third Street

Jacksonville Beach

FL 32250

Phone: 904.247-6299

Fax: 904.247-6256

www.jacksonvillebeach.org

June 6, 2018

MEMORANDUM

TO: George D. Forbes
City Manager

FROM: Laurie Scott
City Clerk

SUBJECT: Adopt Resolution 2009-2018 – Low Volume Outdoor Amplified and Acoustic Permit and Fee.

ACTION REQUESTED:

Adopt Resolution 2009-2018, which establishes the Low Volume Outdoor Amplified and Acoustic Sound Permit and fee.

BACKGROUND:

The City Council adopted Ordinance No. 2018-8106 on April 16, 2018. This ordinance amended Section 18-7, *Low Volume Outdoor Amplified and Acoustic Sound*, of the City's Code of Ordinances by:

- Changing the annual permit renewal date from December 31 to September 30.
- Repealing the expiration (sunset) date of June 5, 2018

Resolution No. 2009-2018 sets the permit fee for low volume outdoor amplified and acoustic sound at \$75.00 per year.

RECOMMENDATION:

Adopt Resolution 2009-2018, establishing the fee for the Low Volume Outdoor Amplified and Acoustic Sound Permit.



Introduced by: _____

Adopted: _____

RESOLUTION NO. 2009-2018

A RESOLUTION PROVIDING FOR THE ESTABLISHMENT OF A FEE FOR A LOW VOLUME OUTDOOR AMPLIFIED AND ACOUSTIC SOUND PERMIT, AND ESTABLISHING AN EFFECTIVE DATE.

WHEREAS, the City of Jacksonville Beach passed Ordinance No. 2018-8106, requiring a Low Volume Outdoor Amplified and Acoustic Sound Permit; and

WHEREAS, a Low Volume Outdoor Amplified and Acoustic Sound Permit is required for licensed establishments which provide low volume outdoor amplified and acoustic sound,

WHEREAS, a Low Volume Outdoor Amplified and Acoustic Sound Permit is renewable on or before September 30th upon reapplication and payment of a permit fee.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF JACKSONVILLE BEACH, FLORIDA THAT:

SECTION 1. A Low Volume Outdoor Amplified and Acoustic Sound Permit fee be established at \$75.00 per year, effective June 18, 2018.

SECTION 2. This fee is in addition to a Local Business Tax fee(s) paid by an establishment and is payable on renewal of a permit on or before September 30th.

SECTION 3. This Resolution shall become effective immediately upon its adoption.

AUTHENTICATED this _____ Day of _____, A.D., 2018.

William C. Latham, MAYOR

Laurie Scott, CITY CLERK