South Florida Water Management District

GOVERNING BOARD MONTHLY MEETING AGENDA

September 10, 2020
9:00 AM
via Communications Media Technology
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FINAL

1. Call to Order - Chauncey Goss, Chairman, Governing Board
2. Pledge of Allegiance
3. Employee Recognitions
   - September Employee of the Month: Armando Vilaboy, Regional Representative
   - September Team of the Month: Northern Everglades Water Quality Monitoring Expansion Team
   - 25-Year Service Award: Kristine McKeon, Lead Database Administrator
   - 30-Year Service Award: Ann Haga, Executive Assistant
4. Agenda Revisions
5. Agenda Item Abstentions by Board Members
6. Big Cypress Basin Board Report - Charlette Roman, Chair
7. Consider Approval of the Minutes for the August 13th Meeting
8. General Public Comment
9. Board Comment

Consent Agenda

10. Move Consent Agenda Items to Discussion Agenda

11. Public Comment on Consent Agenda Items

12. Land Acquisition, Pennsuco Project, Miami-Dade County (Staff contact, Stephen M. Collins)

Agenda Item Background:
The District is acquiring land from willing sellers in the Pennsuco Wetlands Project (Pennsuco) in northwestern Miami-Dade County. A five-acre tract within Pennsuco is to be acquired from a willing seller for $40,000, which is below appraised value. Funding for the purchase, along with $1,986.20 for associated costs, will come from the Lake Belt Mitigation Fund. Acquisition and restoration of the Pennsuco wetlands is a key component of the Miami-Dade County Lake Belt Plan.

Recommended Action:
Resolution No. 2020 - 0901 Acquire land interests containing five acres, more or less, in the amount of $40,000, located in the Pennsuco Wetlands Project in Miami-Dade County, for which dedicated funds (Lake Belt Mitigation Fund) are budgeted in Fiscal Year 2019-2020.

13. Extension of Termination Date for Exchange of Access Road Easements Along Snake Creek Canal (Staff contact, Stephen M. Collins)

Agenda Item Background:
Staff requests approval to extend the time for satisfaction of the terms, conditions and requirements set forth in Resolution No. 2018-1002, to relocate and reconfigure a new access road easement to Structure S-29 and the C-9 Canal right of way (Snake Creek Canal) in exchange for release of the existing access road easement. This Resolution rescinds and replaces Resolution No. 2018-1002. This transaction will be at no cost to the District and the Applicant will incur all costs associated with the exchange and required improvements included with the new easement to be conveyed to the District.

Recommended Action:
Resolution No. 2020 - 0902 Release a portion of a perpetual access road easement containing 0.31 acres, more or less, in exchange for a new perpetual access road easement containing 0.29 acres, more or less, Structure S-29, C-9 (Snake Creek Canal) Project, located in Section 16, Township 52 South, Range 42 East, Miami-Dade County, subject to satisfaction of certain terms, conditions and requirements; rescind and replace Resolution No. 2018-1002 relating to the same subject.

14. C-43 West Basin Storage Reservoir Project, Exchange Agreement with Florida Power & Light, Hendry County (Staff contact, Stephen M. Collins)

Agenda Item Background:
The District is in the process of construction to implement the C-43 West Basin Storage Reservoir Project ("Project"). The Project depends upon the use of large electric water pumps that will be used to bring water into the reservoir. The Florida Power & Light Company (FPL) will provide the needed electricity but will require the construction of an electrical substation due to the substantial electrical load required. In exchange for FPL granting to the District a partial release of an easement that encumbers District owned

lands within the Project ("Partial Release"), the District will convey to FPL a suitable, five-acre site adjacent to the northerly boundary of the C-43 Project ("Electrical Substation Tract"), along with adjacent easement interests for access, drainage, culverts and electrical distribution and transmission (collectively, "the Easements") needed as accessories to construct and operate the Electrical Substation Tract in support of the Project. The appraised value of the Electrical Substation Tract is $50,000 and for purposes of the Exchange Agreement, the Easements are inherent in that value and the Partial Release is deemed equal to the $50,000 value. As this is an even exchange, there is no purchase price to fund.

Recommended Action:
Resolution No. 2020 - 0903 Approve declaring surplus for exchange and conveyance fee title land interests containing 5 acres, more or less, and easement interests encumbering 22.46 acres, more or less, in exchange for granting to the District a partial release of easement with respect to 3.95 acres, more or less, of an easement that encumbers District owned lands within the District's C-43 West Basin Storage Reservoir Project, all in Hendry County within the C-43 West Basin Storage Reservoir Project, plus associated costs for which Ad Valorem funds are subject to Governing Board approval of the Fiscal Year 2020-2021 Adopted budget.

15. Public Boat Ramp Lease, Osceola County (Staff contact, Stephen M. Collins)

Agenda Item Background:
The District wishes to issue a lease to Osceola County, Florida on 4.072 acres in Osceola County known as the Lake Cypress Boat Ramp. The property is located within the footprint of the Kissimmee River Restoration Project. The County will use the property for recreational purposes as a public boat ramp facility along with associated parking areas. The Lease term will be 10-years with automatic 1-year renewals thereafter. Both the District and Osceola County will have a Termination for Convenience provision that allows for termination of the Lease by either party with 365 days written notice. The District will not charge rent on this Lease.

Recommended Action:
Resolution No. 2020 - 0904 Issue a new Lease to Osceola County, Florida on 4.072 acres, more or less, in Osceola County. (Contract Number 4600004231)

16. Public Recreation Lease, Lee County (Staff contact, Stephen M. Collins)

Agenda Item Background:
The District wishes to issue a lease to Lee County, Florida on 50.58 acres in Lee County known as Caloosahatchee Regional Park. The initial lease to Lee County began in 2004 and expired on April 19, 2014. The District's parcel ownership is surrounded by parcels owned by the State of Florida (TIITF). Lee County continues to manage both the District and TIITF lands jointly as a Regional County park offering outdoor recreational activities that are compatible with the preservation of the natural and historical resources of the property such as hiking, biking, horseback riding, camping, canoeing/kayaking, picnicking and special events. The Lease term is for one year with automatic one-year renewals. Both the District and Lee County will have a Termination for Convenience provision that allows the termination of the Lease with 180-days written notice. The

District will not charge rent on this Lease.

Recommended Action:
Resolution No. 2020 - 0905 Issue an amended and restated Lease to Lee County, Florida on 50.58 acres, more or less, in Lee County. (Contract Number 4600004190)

17. Contract Amendment with the Corkscrew Regional Ecosystem Watershed Land and Water Trust, Inc. (Staff contact, Stephen Collins)

Agenda Item Background:
This agenda item authorizes amending Contract Number 4600003156-A03 with the Corkscrew Regional Ecosystem Watershed (CREW) Land and Water Trust, Inc. for the provision of land management services on the District acquired 25,705 acre CREW Management Area for an additional two-year period in an amount not to exceed $318,544. Services provided under this contract include organizing and leading interpretive hikes and field trips, maintaining hiking trails and informational signage, providing outreach activities to the general public and school groups, assisting District staff in performing exotic plant control activities, managing volunteer activities to provide land management and public use functions, maintaining public use kiosks and developing interpretive materials for trailheads, performing public use facility inspections, collecting and reporting public use data, and providing special outdoor events highlighting the ecological and hydrological importance of the management area. The services provided under this contract by the Corkscrew Regional Ecosystem Watershed Land and Water Trust, Inc. have been instrumental in providing the public with high quality nature-based recreation and environmental education programs on the CREW Management Area.

Recommended Action:
Resolution No. 2020 - 0906 Amend the contract with Corkscrew Regional Ecosystem Watershed Land and Water Trust, Inc. to extend the contract for two years to continue to provide land management services on the CREW Management Area, in an amount not to exceed $318,544 for a total revised contract amount not to exceed $1,174,176 for which dedicated funds (Land Acquisition Trust Fund and Big Cypress Basin Ad Valorem) are subject to Governing Board approval of the Fiscal Year 2020-2021 Adopted budget and Governing Board approval of future years budgets; subject to terms and conditions. (Contract Number 4600003156-A04)

18. Poitras Mitigation Modification Conservation Easement Release, Orange County (Staff contact, Jill Creech)

Agenda Item Background:
The Greater Orlando Aviation Authority recently modified the Tradeport Drainage Project permit (Application No. 200619-3727) to reduce previously proposed 9.422 acres of wetland impacts. The mitigation for the previously proposed impacts was provided at the Poitras Tract (owned by TDCP, LLC) as part of a 379.96-acre conservation easement (CE). To offset the 9.422 acres of impact, the permittee provided 94.22 acres of mitigation. Since the previously proposed 9.422-acre impact is no longer authorized, the corresponding 94.22-acre CE is no longer required. TDCP, LLC requests a partial

release of 94.22 acres of a 379.96-acre conservation easement (CE), commensurate with elimination of 9.422 acres of previously proposed impacts, for a project known as Poitras Mitigation Modification in Orange County. The remaining 285.744 acres of CE will continue to be preserved.

Recommended Action:
Approve a partial release of a recorded conservation easement for a project known as Poitras Mitigation Modification. (Application No. 200729-3962, Permit No. 48-00063-S)

19. Certification of 2020/2021 Annual Regulatory Plan (Staff contact, Carolyn Ansay)

Agenda Item Background:
The District annually completes and certifies a rulemaking plan to the Legislature's Joint Administrative Procedures Committee. The annual regulatory plan is required by Section 120.74, Florida Statutes, to inform the Legislature and the public of agency rulemaking. The Governing Board and General Counsel must certify that they reviewed the plan and that the District regularly reviews its rules to determine if the rules remain consistent with the agency's rulemaking authority and the laws implemented. The District reviewed its rules for this purpose in July 2020. The District must submit its plan to the Joint Administrative Procedures Committee, publish the plan on the District's website, and maintain it for 10 years after the date of initial publication.

Recommended Action:
Resolution No. 2020 - 0907 Certify to the Joint Administrative Procedures Committee that the Governing Board and General Counsel reviewed the District's 2020/2021 Annual Regulatory Plan and that the District reviewed its rules to determine if the rules remain consistent with the District's rulemaking authority and the laws implemented.

20. Storage Hardware and Software Annual Maintenance (Staff contact, Duane Piper)

Agenda Item Background:
The Information Technology Division uses EMC equipment and software to maintain, store, and backup the District's critical data. The storage infrastructure provides high availability and redundancy for numerous systems and protects this data from any unforeseen data loss. Select information is replicated remotely to the District's disaster recovery site. The environment is scalable and strategically lends itself to the overall long-term solution for data management at the District.

Each year the District enters into an annual purchase order with RoundTower LLC for storage hardware and software maintenance. This request is to issue a purchase order to RoundTower LLC for the time period November 1, 2020 through October 31, 2021 using the National Association of State Procurement Officials ValuePoint Contract MNWNC-109. This contract was competed by another government agency.

Recommended Action:
Resolution No. 2020 - 0908 Authorize issuing a purchase order to RoundTower LLC for storage hardware and software maintenance, using the National Association of State Procurement Officials ValuePoint Contract Number MNWNC-109, for the time period November 1, 2020 through October 31, 2021, in

the amount of $182,090 for which Ad Valorem funds are subject to Governing Board approval of the Fiscal Year 2020-2021 Adopted budget. (Purchase Order Number 4500122445)

21. Network Hardware and Software Maintenance (Staff contact, Duane Piper)

Agenda Item Background:
Presidio Technology Capital will provide a contract for the Cisco Systems network hardware and software maintenance. The hardware maintenance is for three years and the software maintenance is for one year. By executing a three-year contract for hardware maintenance, the District saves approximately $95K over the three-year period. For the software, however, Information Technology anticipates making changes and will only enter into a one-year agreement which allows us to be flexible with the software costs in future years. This hardware and software support the Supervisory Control and Data Acquisition (SCADA) network - our ability to monitor and control water levels, and our internal networks including internet connectivity, the telephone system, and connections between all District offices and microwave network sites.

This request is to enter into a contract with Presidio Technology Capital for network hardware maintenance for the time period December 1, 2020 through November 30, 2023 and software maintenance for the time period December 1, 2020 through November 30, 2021, using the NASPO ValuePoint Cisco Contract AR233 Florida Contract 43220000-WSCA-14-ACS. This contract was competed by another government agency.

Recommended Action:
Resolution No. 2020 - 0909 Authorize entering into a contract with Presidio Technology Capital for network hardware and software maintenance, using the National Association of State Procurement Officials ValuePoint Cisco Contract AR233 Florida Contract 43220000-WSCA-14-ACS, for the time period December 1, 2020 through November 30, 2023 for hardware maintenance and December 1, 2020 through November 30, 2021 for software maintenance, in the amount of $389,462 for which Ad Valorem funds in the amount of $199,914 are subject to Governing Board approval of the Fiscal Year 2020-2021 Adopted budget and the remainder is subject to Governing Board approval of future years budgets. (Contract Number 4600004298)

22. Oracle Software Annual Maintenance (Staff contact, Duane Piper)

Agenda Item Background:
The District's operations such as SAP, e-permitting, employee emergency notification site, weather/real-time readings, graphical verification analysis, and hydrologic and scientific data utilize the Oracle America, Inc.'s portal and database software. Each year, the District enters into an annual purchase order directly with the manufacturer, Oracle America, Inc. for maintenance for the Oracle portal and database software which includes 24-hour technical support, upgrades, and web-based support. This year, the maintenance cost includes an additional $42,309 for extended support of legacy databases and applications as we migrate those to current platforms. The District obtained this purchase order through a special procurement that is exempt from competition under Section 155-6, South Florida Water Management Districts Policies

and Procedures. This policy provides that licensing, warranty, compatibility requirements that limit the selection to the manufacturer, including purchases of parts, repairs or maintenance services from the original equipment manufacturer, seller or authorized repair facility are exempt from competition. This policy provides that all renewals for maintenance and licensing of proprietary computer software are exempt from competition. Oracle America, Inc. will provide software maintenance and upgrades for the time period October 25, 2020 through October 24, 2021

Recommended Action:
Resolution No. 2020 - 0910 Authorize issuing a purchase order to Oracle America, Inc. for software maintenance and upgrades, for the time period October 25, 2020 through October 24, 2021, in the amount of $728,247 for which Ad Valorem funds are subject to Governing Board approval of the Fiscal Year 2020-2021 Adopted budget. (Purchase Order Number 4500122446)

23. SAP Software Annual Maintenance (Staff contact, Duane Piper)

Agenda Item Background:
SAP is the integrated Enterprise Resource Planning Software used for the District's core business functions such as accounting, finance, procurement, human resources, payroll, plant maintenance, and project management. Each year, the District enters into an annual purchase order with the manufacturer, SAP Public Services, Inc. for software maintenance for all SAP licenses which includes technical support, upgrades, and access to the Support and Advisory Center. The District obtained this purchase order through a special procurement that is exempt from competition under Section 155-6, South Florida Water Management Districts Policies and Procedures. This policy provides that licensing, warranty, compatibility requirements that limit the selection to the manufacturer, including purchases of parts, repairs or maintenance services from the original equipment manufacturer, seller or authorized repair facility are exempt from competition. This policy provides that all renewals for maintenance and licensing of proprietary computer software are exempt from competition. SAP Public Services, Inc. will provide software maintenance and upgrades for the time period October 1, 2020 through September 30, 2021

Recommended Action:
Resolution No. 2020 - 0911 Authorize issuing a purchase order to SAP Public Services, Inc. for software maintenance and upgrades, for the time period October 1, 2020 through September 30, 2021, in the amount of $648,420 for which Ad Valorem funds are subject to Governing Board approval of the Fiscal Year 2020-2021 Adopted budget. (Purchase Order Number 4500122448)

24. Integration Software License Annual Renewal (Staff contact, Duane Piper)

Agenda Item Background:
In May 2014, the District began using MuleSoft software as the tool for integrating multiple enterprise systems such as our financial system (SAP), our hydrologic and data verification system (DBHYDRO/DCVP), and our Decision Support System (ODSS). This software eliminated the requirement for District staff to write custom code which is very expensive to write as well as difficult to maintain and support. In August 2017, additional

licenses were purchased for the Supervisory Control and Data Acquisition (SCADA) Project, replacing the Webmethods software.

Each year the District enters into a purchase order for the MuleSoft licenses. This request is to issue a purchase order to Carahsoft Technology Corporation for the time period November 1, 2020 through October 31, 2021, using the General Services Administration Schedule GS-35F-0119Y. This contract was competed by another government agency.

Recommended Action:
Resolution No. 2020 - 0912 Authorize issuing a purchase order to Carahsoft Technology Corporation for MuleSoft integration software licenses, using the General Services Administration Schedule GS-35F-0119Y, for the time period November 1, 2020 through October 31, 2021, in the amount of $191,824 for which Ad Valorem funds are subject to Governing Board approval of the Fiscal Year 2020-2021 Adopted budget. (Purchase Order Number 4500122447)

25. Geospatial Software Enterprise License Agreement (Staff contact, Duane Piper)

Agenda Item Background:
The Environmental Systems Research Institute (Esri) geospatial software platform allows the District to manage, deliver, and analyze spatial data and applications (desktop, web, and mobile) supporting all of the District's programs. Some of the products developed using the Esri software include: The Python Elimination Program GIS application, the Emergency Operations Center GIS Maps and Apps, Regulation's new RegGeoApp, the District's Project Map, Water Shortage Application, Governor's Priority Projects Story map, and our public GIS data portal. In addition, this software platform allows the District to produce many visual digital maps for access online.

This request is to enter into a three-year geospatial software enterprise license agreement with Environmental Systems Research Institute, for the time period November 1, 2020 through October 31, 2023. Esri is the manufacturer of the software; therefore, this contract will be executed through a special procurement that is exempt from competition under Section 155-6, South Florida Water Management District's Policies and Procedures. This policy provides that licensing, warranty, compatibility requirements that limit the selection to the manufacturer, including purchases of parts, repairs or maintenance services from the original equipment manufacturer, seller or authorized repair facility are exempt from competition.

Recommended Action:
Resolution No. 2020 - 0913 Authorize entering into a contract with Environmental Systems Research Institute for a three-year geospatial software enterprise license agreement, for the time period November 1, 2020 through October 31, 2023, in the amount of $1,341,501 for which Ad Valorem funds in the amount of $447,167 are subject to Governing Board approval of the Fiscal Year 2020-2021 Adopted budget and the remainder is subject to Governing Board approval of future years budgets. (Contract Number 4600004297)

26. Network Administrator Contractor Extension (Staff contact, Duane Piper)

Agenda Item Background:
The Network group requires a contractor to provide essential network engineering support. This includes day-to-day support and performing updates to various network software systems. This contractor is currently working on our SolarWinds monitoring application to clean up the alerts and eliminate redundant notifications; and, is assisting staff working from home by setting up, deploying, and managing phones, creating Jabber accounts, and assisting users with network issues.

This request is to amend Purchase Order Number 4500113756 with Tec Link LLC for a network administrator for the time period October 15, 2020 through December 31, 2021 using the State of Florida Information Technology Staff Augmentation Services Contract Number 80101507-SA-15-01. This contract was competed by another government agency.

Recommended Action:
Resolution No. 2020 - 0914 Authorize an amendment to Purchase Order Number 4500113756 with Tec Link LLC by increasing the amount of the purchase order by $140,132 for a revised purchase order total of $282,129 for a network administrator contractor, using the State of Florida Information Technology Staff Augmentation Services Contract Number 80101507-SA-15-01, for the time period October 15, 2020 through December 31, 2021, for which Ad Valorem funds are subject to Governing Board approval of the Fiscal Year 2020-2021 Adopted budget. (Purchase Order 4500113756)

27. Systems Administrator Contractor Extension (Staff contact, Duane Piper)

Agenda Item Background:
The Systems Engineering group requires a contractor for Windows systems administration support. In addition to daily operational support, this contractor is also assisting with the SAP S/4 HANA infrastructure, the Citrix software upgrade, Microsoft Teams audio and video enhancements, Warehouse Management System Pro Cloud implementation, Trend Micro anti-virus software deployment, and Zerto replication implementation for disaster recovery.

This request is to amend Purchase Order Number 4500117982 with Kforce Inc. for a systems administrator contractor for the time period December 19, 2020 through December 31, 2021 using the State of Florida Information Technology Staff Augmentation Services Contract Number 80101507-SA-15-01. This contract was competed by another government agency.

Recommended Action:
Resolution No. 2020 - 0915 Authorize an amendment to Purchase Order Number 4500117982 with Kforce Inc. by increasing the amount of the purchase order by $145,600 for a revised purchase order total of $295,540 for a systems administrator contractor, using the State of Florida Information Technology Staff Augmentation Services Contract Number 80101507-SA-15-01, for the time period December 19, 2020 through December 31, 2021, for which Ad Valorem funds are subject to

Governing Board approval of the Fiscal Year 2020-2021 Adopted budget. (Purchase Order 4500117982)

28. Desktop Support Contractor Extension (Staff contact, Duane Piper)

Agenda Item Background:
The District is in the process of replacing all computers. Information Technology procured contractual services to assist with the deployment. These services include equipment receipt, configuration, deployment, and retrieval of old equipment. Due to COVID-19, the desktop deployment was put on hold and the contractors are assisting customers with equipment needed to work from home and the annual fixed asset inventory

This request is to amend Purchase Order Number 4500112040 with Kyra Solutions, Inc. for a desktop support contractor for the time period October 9, 2020 through September 30, 2021 using the State of Florida Information Technology Staff Augmentation Services Contract Number 80101507-SA-15-01. This contract was competed by another government agency.

Recommended Action:
Resolution No. 2020 - 0916 Authorize an amendment to Purchase Order Number 4500112040 with Kyra Solutions, Inc. by increasing the amount of the purchase order by $56,315 for a revised purchase order total of $189,043 for a desktop support contractor, using the State of Florida Information Technology Staff Augmentation Services Contract Number 80101507-SA-15-01, for the time period October 9, 2020 through September 30, 2021, for which Ad Valorem funds are subject to Governing Board approval of the Fiscal Year 2020-2021 Adopted budget. (Purchase Order 4500112040)

29. Pump Station G-310 and G-335 950cfs Pump Refurbishment Project, Palm Beach County (Staff contact, Alan Shirkey)

Agenda Item Background:
As part of the Operations and Maintenance Pump and Engine Overhaul Program, this project is for the overhaul of the four 950 cubic foot per second (cfs) pumps at G-310 and G-335 Pump Stations, located in Palm Beach County. These pump stations enable STA1W and STA2 to function, providing water quality improvement for stormwater runoff prior to discharge into the Central Everglades. The four pumps are Ingersoll Dresser / Flowserve Inc, vertical axial-flow pumps. The G-310 and G-335 Pump Stations were constructed in 2000. Due to the age of the pumps, refurbishments are needed to ensure the pumps remain operable.

This project will address one pump in the first fiscal year, two pumps in the second fiscal year, and the fourth pump in the third fiscal year. Each refurbishment will take place during the dry season, with an estimated four to six months out-of-service.

The lowest responsive and responsible bidder is recommended for award. In accordance with District policy and consistent with state law for Request for Bids (RFB) procurements, this item was competitively bid through a sealed bid process.

Recommended Action:
Resolution No. 2020 - 0918 Authorize entering into a 942-day contract with Carter and VerPlanck, Inc., the

lowest responsive and responsible bidder, for the Pump Station G-310 and Pump Station G-335 950cfs Pump Refurbishment Project, in the amount of $2,814,000, for which Ad Valorem funds in the amount of $700,000 are subject to Governing Board approval of the Fiscal Year 2020-2021 Adopted budget and the remainder is subject to Governing Board approval of future years budgets. (Contract Number 4600004313)

30. S-291 SCADA Retrofit and Automation Project, Glades County (Staff contact, Alan Shirkey)

Agenda Item Background:
As part of the Herbert Hoover Dike Rehabilitation, the S-291 SCADA Retrofit and Automation Project is to support the District's ability to remotely operate the US Army Corps of Engineers' (USACE) structure. Formerly the IP3 Structure and recently replaced by the USACE, the S-291 structure is located approximately four-miles northwest of State Road 78 on the northeast side of the Indian Prairie Canal (C-40). This structure releases water from the L-59 levee into the C-40 canal providing flood control and water supply for the Seminole Tribe of Florida. The scope of the project is to retrofit and automate the controls by installing the District's SCADA equipment, a control building including generator, and stilling wells to allow for remote operations. The lowest responsive and responsible bidder is recommended for award. In accordance with District policy and consistent with state law for Request for Bids (RFB) procurements, this item was competitively bid through a sealed bid process.

Recommended Action:
Resolution No. 2020 - 0919 Authorize entering into a 240-day contract with Kiewit Infrastructure South Co., the lowest responsive and responsible bidder, for the S-291 SCADA Retrofit & Automation Project in the amount of $1,297,427 for which Ad Valorem funds are subject to Governing Board approval of the Fiscal Year 2020-2021 Adopted budget. (Contract Number 4600004312)

31. STA-2 Refurbishments Project, Palm Beach County (Staff contact, Alan Shirkey)

Agenda Item Background:
As part of the District's STA Refurbishments Program and to supplement Restoration Strategies Program Goals, the STA-2 Refurbishments Project will correct Flow-way 2 (Cell 2) outflow performance to support the total phosphorus reduction associated with the WQBEL. Causes of the outflow performance include poor vegetation, inappropriate grades, and deteriorated canal plugs. Correcting Flow-way 2 will mimic conditions of Flow-ways 1, 4, & 5 that have shown better results historically, improving the overall STA's performance. This will be addressed by regrading areas within the cell, constructing inflow energy dissipators, and restoring canal plugs. The Project will use imported soils supplemented by suitable excess soils from degraded areas. The lowest responsive and responsible bidder is recommended for award. In accordance with District policy and consistent with state law for Request for Bids (RFB) procurements, this item was competitively bid through a sealed bid process.

Recommended Action:
Resolution No. 2020 - 0920 Authorize entering into a 790-day contract with Ryan Incorporated Southern, the

lowest responsive and responsible bidder, for the STA-2 Refurbishments Project, in the amount of $27,129,721, for which dedicated funds (Everglades Trust Fund) are subject to Governing Board approval of the Fiscal Year 2020-2021 Adopted budget. (Contract Number 4600004311)

32. Zipprer Canal Bridge Replacement (C-37) Project (Staff contact, Alan Shirkey)

Agenda Item Background:
As part of the Kissimmee River Restoration (KRR) program, which has restored over 40 square miles of river and floodplain ecosystem, including 43 miles of meandering river channel and 27,000 acres of wetlands, the USACE enlarged the C-37 Canal to provide storage and flow requirements for flood control. The C-37 Enlargement Project included widening and deepening of the Canal to allow better flow between Lake Hatchineha and Lake Kissimmee. Following the KRR C-37 Enlargement Project, evaluations were completed to determine the structural integrity of the existing bridge. The findings indicated that the embedment depths of the pilings were insufficient and that the bridge required replacement. Negotiations between the affected parties progressed and a Settlement Agreement was signed by representatives of the District and the Zipprers on February 4, 2020, outlining the replacement of the existing Zipprer Bridge. The lowest responsive and responsible bidder is recommended for award. In accordance with District policy and consistent with state law for Request for Bids (RFB) procurements, this item was competitively bid through a sealed bid process.

Recommended Action:
Resolution No. 2020 - 0921 Authorize entering into a 330-day contract with Kelly Brothers, Inc., the lowest responsive and responsible bidder, for the Zipprer Canal Bridge Replacement (C-37) Project, in the amount of $2,194,929.08 for which Ad Valorem funds are subject to Governing Board approval of the Fiscal Year 2020-2021 Adopted budget. (Contract Number 4600004310)

33. C-139 Annex Clearing and Grubbing 2020 Project, Hendry County (Staff contact, Alan Shirkey)

Agenda Item Background:
As part of the Land Stewardship Restoration and Monitoring Program, the C-139 Annex Restoration Clearing and Grubbing 2020 Project is performing mechanical clearing and removal of citrus trees, exotic vegetation, and other woody vegetation as well as the removing irrigation piping above grade within 1,682 acres of the C-139 Annex Restoration Project Site. Contract No. 4600004234 was executed in June 2020 in the amount of $350,801.21 with Capling Leveling, Inc. The bid submitted by Capling Leveling was 34% below the engineers cost estimate of $533,556. Change Order No. 1 will add an additional 1,440 acres in the Phase 2 project area for an amount of $300,330.00, which is in line with the base bid cost /acre, for a revised project value of $651,131.21. The project work will enable District staff to prepare the land area for continued exotic eradication prior to site leveling. Site leveling will be performed under a future contract.

Recommended Action:
Resolution No. 2020 - 0922 Authorize issuing Change Order No. 1 to Contract Number 4600004234 with

Capling Leveling, Inc. for the C-139 Annex Restoration Clearing and Grubbing 2020 Project, Hendry County, in an amount of $300,330 for which dedicated funds (Lake Belt Mitigation Fund) are budgeted in Fiscal Year 2019-2020. (Contract Number 4600004234)

34. Board Vote on Consent Agenda

Technical Reports

35. Water Conditions Report - John P. Mitnik

36. Ecological Conditions Report - Lawrence Glenn

37. Public Comment on Technical Reports

Discussion Agenda

38. Indian River Lagoon South Project (Staff contacts, Jennifer Reynolds and Stephen M. Collins)

    A. C-23 to C-44 Interconnect Overview

    Agenda Item Background:
    The C-23 to C-44 Interconnect (Interconnect) is an important part of the Indian River Lagoon - South, CERP Project (IRL-S) that will operate in concert with the C-44 Reservoir and Stormwater Treatment Area (C-44 RSTA) to redirect, store, and treat harmful discharges to the St. Lucie River and Estuary. The Interconnect, known as the Southern Diversion in the IRL-S Project Implementation Report (PIR), will redirect excess water into the C-44 RSTA, that would otherwise be released into the Estuary.

    The Interconnect project is in preliminary design and will include a 250 cfs pump station; several culverted crossings to pass under roads, including Martin Highway; and a spillway to connect to the western perimeter canal of the C-44 Reservoir.

    Water is then pumped into the reservoir from the perimeter canal where it is stored along with water from the C-44 Canal. Water is released into the C-44 STA for water quality improvement before flowing into the C-44 Canal. The C-44 RSTA was designed to include the flows and treatment needs of the water diverted from the C-23 by the Interconnect.

    Operation of the C-44 Reservoir and STA project and the Interconnect are required predecessors for operation of the Central Everglades Planning Project (CEPP) Everglades Agricultural Area (EAA) Reservoir in both the CEPP PIR and the CEPP EAA Post-Authorization Change Report.

Open Public Hearing

Pursuant to Section 373.139(3), Florida Statutes, "The initial 5-year work plan and any subsequent modifications or additions thereto shall be adopted by each water management district after a public hearing. Each water management district shall provide at least 14 days' advance notice of the hearing date and shall separately notify each county commission within which a proposed work plan project or project modification or addition is located of the hearing date."

B. Modification of Project Footprint

Agenda Item Background:
The proposed modifications to the District's Five Year (Florida Forever) Work Plan (Section 373.199, Florida Statutes) moves a 95.33-acre canal easement, from the Allapattah Complex Natural Storage (Allapattah) component to the C-44 RSTA component, and adds 108.53 acres of non-project lands to the C-44 RSTA. All of the lands are located within the Indian River Lagoon – South, CERP Project in Martin County. The C-44 RSTA will capture, store and attenuate flows from the C-23 and C-44 Canals to reduce harmful discharges to the St. Lucie Estuary and Indian River Lagoon. The boundary modifications proposed herein have been coordinated with the USACE.

Recommended Action:
Resolution No. 2020 - 0923 Modify the SFWMD Five Year (Florida Forever) Work Plan, contained in Chapter 6A, Volume II of the 2020 South Florida Environmental Report, to change the Indian River Lagoon - South, CERP Project component boundaries by moving a canal easement containing 95.33 acres, more or less, from the Allapattah Complex Natural Storage Component, and adding 108.53 acres, more or less, of non-project lands, to the C-44 Reservoir and Stormwater Treatment Area, all located in Martin County.

Close Public Hearing

C. Land Acquisition - Tract KE100-245

Agenda Item Background:
The District is acquiring the lands needed to complete the Indian River Lagoon - South Project, C-44 Reservoir and Stormwater Treatment Area Component. The acquisition of the 108.53-acre Tract KE100-245 as proposed, will be used in conjunction with other properties acquired for construction of the C-44 South Reservoir and Stormwater Treatment Area. The purchase price of $5,003,000, which is equal to the $5,003,000 appraised value, will be funded from Ad Valorem funds, and/or the Florida Forever Surplus.

Recommended Action:
Resolution No. 2020 - 0924 Acquire land interests containing 108.53 acres, more or less, located in the Indian River Lagoon - South Project, C-44 Reservoir and Stormwater Treatment Area Component, in Martin County, in the amount of $5,003,000, plus associated costs, for which Ad Valorem funds and/or dedicated funds (Florida Forever Surplus) are subject to Governing Board approval of the Fiscal Year 2020-2021 Adopted budget.

39. Fiscal Year 2020-2021 Budget Update (Staff contact, Drew Bartlett)

Agenda Item Background:
The Executive Director will provide Fiscal Year 2020-2021 budget highlights in preparation for the September 10th Public Hearing on the Tentative Millage Rates and

Tentative Budget.

Staff Reports

40. Monthly Financial Report - Candida Heater
    - Emergency Procurements Because of COVID-19
41. General Counsel's Report - Carolyn Ansay
    - SFWMD Order No. 2020-034-DAO Terminating Emergency Authorizations Made Necessary by Hurricane Isaias
42. Executive Director's Report - Drew Bartlett
43. General Public Comment
44. Board Comment
45. Adjourn