



South Florida Water Management District

GOVERNING BOARD MONTHLY MEETING AGENDA

December 10, 2020

9:00 AM

via Communications Media Technology

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FINAL - REVISED

1. Call to Order - Chauncey Goss, Chairman, Governing Board
2. Pledge of Allegiance
3. Employee Recognitions
 - December Employee of the Month: Patrick "Brian" Garrett, Scientist 4
 - December Team of the Month: Western Everglades Restoration Project (WERP) Surveying/Ground-Truthing Team
 - 30-Year Service Award: Dr. Richard "Tom" James, Principal Scientist
4. Agenda Revisions
5. Agenda Item Abstentions by Board Members
6. Big Cypress Basin Board Report - Charlette Roman, Chair
7. Audit & Finance Committee Report - Jay Steinle, Chairman
8. Consider Approval of the Minutes for the November 12th Meeting
9. General Public Comment
10. Board Comment

Consent Agenda

11. Move Consent Agenda Items to Discussion Agenda

12. Public Comment on Consent Agenda Items
13. Big Cypress Basin, Transfer of Real Estate Interests to Collier County (Staff contact, Stephen M. Collins)

Agenda Item Background:

The District currently controls, operates, and maintains certain primary watercourses and structures which have a significant impact upon the water resources of the Big Cypress Basin ("BCB") under a Cooperative Agreement ("Agreement") with Collier County.

Under the terms and conditions of the Agreement, the County is to hold and acquire needed real estate interests and the District is assigned the rights needed to operate and maintain the canals and structures.

The District currently owns 19.95+/- acres of fee simple title and 171.36+/- acres of easement interests, which need to be transferred to the County. The total cost paid by the District for the interests is \$115,413 using Big Cypress Basin funding. The interests will be transferred to the county at no cost since the District and the County are partners under the Cooperative Agreement.

Recommended Action:

Resolution No. 2020 - 1201 Approve declaring surplus land interests containing 19.95 acres, more or less, in fee simple and 171.36 acres, more or less, in easement, to Collier County, at no cost and without reservation of rights pursuant to Chapter 270.11, Florida Statutes.

14. STA-1W Expansion No. 2, License Grant, Palm Beach County (Staff contact, Stephen M. Collins)

Agenda Item Background:

The District is in the process of construction to implement the STA-1W Expansion No. 2 Project ("Project"). The Project includes an approximately 100-acre connection channel ("Connection Channel") running north-south parallel and adjacent to the District's L-7 levee within the District's L-7 Right-of-Way that will connect the District's existing STA-1W complex to the Expansion 2 Project area. The Connection Channel also runs adjacent to certain private property interests located west of the Connection Channel, and with respect to one such private real property interest owned by Brown's Farm Road, LLC ("Owner"), the District shares a ditch improvement (the "Ditch"). The District desires to conduct certain activities ("Activities") including excavating, re-sloping and cleaning out the Ditch on both the District's property and the Owner's property. The District and the Owner have agreed upon the terms and conditions of an irrevocable term license ("License") for the District to conduct the Activities and the Owner has executed and delivered the License to the District. As the License has been granted to the District at no cost, there is no purchase price to fund. Pursuant to Section 140-84(c) of the District's Policies and Procedures, any right of entry/license agreement which grants the District the right to enter lands owned by others to conduct specific activities and which exceeds one year in duration, shall require Governing Board approval.

Recommended Action:

Resolution No. 2020 - 1202 Approve the acquisition of an Irrevocable Term License, at no cost, in connection with the District's STA-1W Expansion No. 2 Project in Palm Beach County.

15. West Delray Park Lease, Palm Beach County (Staff contact, Stephen M. Collins)

Agenda Item Background:

The District wishes to issue a lease extension to Palm Beach County, Florida on 313.42 acres known as West Delray Park. The lease to the County began in 2006 and expires on January 1, 2021. The property is located within the footprint of the Palm Beach County Agricultural Reserve Reservoir Project. The County uses the property for public outdoor recreational activities, such as: picnicking, bird watching, mountain biking/cycling, remote control model aircraft, remote control model cars and boats, frisbee golf, hiking and fishing. The lease extension will be for one year. The District will not charge rent on this lease.

Recommended Action:

Resolution No. 2020 - 1203 Authorize issuing a lease extension to Palm Beach County, Florida on 313.42 acres, more or less, in Palm Beach County. (Contract Number 3600000713)

16. Kissimmee Chain of Lakes Cattle Grazing Leases, Osceola and Polk Counties (Staff contact, Stephen M. Collins)

Agenda Item Background:

The District wishes to extend five Kissimmee Chain of Lakes (KCOL) cattle grazing leases for one year with a 60-day termination notice for convenience. The leases currently expire on December 31, 2020. The Kissimmee River Headwaters Lake Regulation Schedule will increase water levels in the KCOL. The new schedule will be implemented in the spring of 2021 in increments. The first increment is expected to be compatible with the leased lands. The 60-day termination clause will allow either the District or the Lessee to terminate the Lease. The Lessee will be prohibited from applying fertilizer or soil amendments and must adhere to all Best Management Practices for beef cattle grazing. The annual anticipated revenue will be approximately \$61,000.

Recommended Action:

Resolution No. 2020 - 1204 Authorize a one-year extension on five Kissimmee Chain of Lakes cattle grazing leases on 13,172.75 acres, more or less, in Osceola and Polk counties with Bronson, LLP; Lightsey Cattle Company, LLC (two leases); Rawlins J. and Sharon C. Overstreet; and Vida Management, Inc. (Contract Numbers 4600001440, 4600003925, 4600003923, 4600003917, 4600003927)

17. Indian River Lagoon Water Quality Improvement Projects Grant Program (Staff contact, Jennifer Reynolds)

Agenda Item Background:

Governor Ron DeSantis and the Florida Legislature approved \$25 million for water quality improvement projects that benefit the Indian River Lagoon (IRL). There is approximately \$22 million available for local government projects, and up to \$3 million for non-state entities. Projects are eligible for a maximum funding of \$2.5 million per project or per applicant. The IRL watershed, includes areas within the jurisdictional boundaries of the St. Johns River Water Management District (SJRWMD) and the South Florida Water Management District (SFWMD). The SJRWMD and SFWMD evaluated proposed water quality improvement project applications that maximize the potential for water quality improvement benefits, e.g., total nitrogen and total phosphorus nutrient

load reductions, to the IRL. Projects were scored according to agency agreed upon evaluation criteria, and the results were endorsed by the Florida Department of Environmental Protection (DEP). Within the SFWMD's jurisdiction, out of the fifteen project applications received, eight were selected to be awarded grant funds totaling \$7,738,915. Staff requests Governing Board approval for entering into agreement(s) with grant eligible entities under the IRL grant program, including stormwater treatment areas (STAs), above ground impoundments for water storage, and septic to sewer conversions, within the SFWMD jurisdictional boundaries upon transfer of the appropriate funds from SJRWMD to SFWMD.

Recommended Action:

Resolution No. 2020 - 1205 Authorize entering into agreements with grant eligible entities for the Indian River Lagoon Water Quality Improvement projects in an approximate amount of \$7,738,915, accepting dedicated state appropriations from the 2020 General Appropriations Act Line 1641A from the St. Johns River Water Management District (SJRWMD) in accordance with the Memorandum of Understanding, and delegating authority to the Executive Director to execute the agreements for identified projects eligible for grant funding.

18. Mowing Contracts (Staff contact, Rich Virgil)

Agenda Item Background:

Maintenance of District lands is required to ensure that vegetation is controlled at the appropriate height to provide for optimal performance and operational efficiency of the District's flood control system.

A. Side Slope Mowing, Homestead Field Station Area of Responsibility

Agenda Item Background:

This is a proposed contract for side slope mowing services of approximately 255 acres of canal side slopes in the Homestead Field Station area of responsibility within Miami-Dade County. 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 - 1206 Enter into a 3-year contract with two 1-year renewal options with In Shape Maintenance, Inc., the lowest responsive and responsible bidder, for side slope mowing services of various District canal side slopes in Miami-Dade County, in an amount not to exceed \$252,380 for which \$50,476 in Ad Valorem funds are budgeted in Fiscal Year 2020-2021 and the remainder is subject to Governing Board approval of future years' budgets. (Contract No. 4600004329)

B. Flat Mowing, Fort Lauderdale Field Station Area of Responsibility

Agenda Item Background:

This is a proposed contract for flat mowing services of approximately 4,488 acres of

various District lands and canal and levee rights of way in the Fort Lauderdale Field Station area of responsibility within Broward County. 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 - 1207 Authorize entering into a 3-year contract with two 1-year renewal options with Toler Enterprises, Inc., the lowest responsive and responsible bidder, for flat mowing services of various District lands and canal and levee rights of way in Broward County in an amount not to exceed \$512,200 for which \$85,367 in Ad Valorem funds are budgeted in Fiscal Year 2020-2021 and the remainder is subject to Governing Board approval of future years budgets. (Contract Number 4600004342)

19. Fuel Management System Replacement (Staff contact, Duane Piper)

Agenda Item Background:

Fueling of District vehicles and equipment is available at ten sites throughout the District. A fuel management system is utilized to facilitate accurate dispensing of the fuel as well as uploading information including vehicle mileage and gallons of fuel dispensed into SAP ensuring established maintenance intervals are followed. The current fuel management system used by Field Operations is 18 years old. The manufacturer, Trak Engineering, discontinued support of the existing system as well as stopped producing replacement parts.

Field Operations reviewed three fuel and fleet management systems and selected Syn-tech Systems, Inc. FuelMaster as a replacement for the Trak Engineering legacy system. FuelMaster is a cloud-based solution that provides the ability to view fuel transactions, fuel inventory, and system diagnostic information in real time. It also includes business intelligence for reporting, inventory management, and enhanced system monitoring and troubleshooting.

This request is to enter into a contract with Syn-tech Systems, Inc. for a fuel and fleet management solution with an additional four years of cloud hosting, using the Sourcewell Contract Number 022217-SYS in the amount of \$179,839. This contract was competed by another government agency.

Recommended Action:

Resolution No. 2020 - 1208 Authorize entering into a contract with Syn-tech Systems, Inc. for a fuel and fleet management solution with an additional four years of cloud hosting, using the Sourcewell Contract Number 022217-SYS, in the amount of \$179,839 for which \$138,567 of Ad Valorem funds are budgeted in Fiscal Year 2020-2021 and the remainder is subject to Governing Board approval of future years budgets. (Contract Number 4600004337)

20. G-341 Conveyance Improvements Phase 1 Bolles East (L-16) Canal Conveyance Improvement Segment 4, Palm Beach County (Staff contact, Alan Shirkey)

Agenda Item Background:

As part of the Restoration Strategies Program, the G-341 Bolles Canal Conveyance Improvements Project improves the flow capacity of the Bolles East (L-16) Canal from the Hillsboro Canal to the North New River Canal. Replacement of the existing bridges crossing the canal was anticipated to be part of the conveyance improvements. The project will provide the District with additional operational flexibility, provide a means to move stormwater east and west within the Everglades Agricultural Area, improve the efficiency of the STAs and help the District achieve its water quality goals. In October 2019, the Governing Board authorized construction of Segment 4 under Contract Number 4600004097 to Great Lakes Environmental & Infrastructure, LLC (now called Forgen, LLC) in the amount of \$5,733,440. Change Order No. 1 in an amount not to exceed \$2,500,000 will add the construction of the Boca Chica farm bridge on the west end of the Contract's area of construction. This will allow continuing dewatering operations to be seamless and move the whole project closer to its goal of meeting Consent Order deadlines associated with the Restoration Strategies Program. The \$2,500,000 is an estimate based on recent amounts expended for other bridges that have already been replaced, or are currently in the process of being replaced, by the District.

As a precursor to the construction identified in the Change Order, the District will be entering into a Cooperative Agreement with the bridge owners. The Cooperative Agreement is necessary to hold the bridge owners responsible for its Right-Of-Way permit(s) modification, Environmental Resource Permit modification(s), design review of the proposed bridge, and the on-going maintenance of the new bridge. As part of the Cooperative Agreement, the District will be responsible for the demolition of the existing bridge and the construction of the new bridge. This agenda item authorizes two actions, (1) entering into a Cooperative Agreement, and (2) issuing a Change Order No. 1 to Forgen LLC.

- A. Cooperative Agreement with United States Sugar Corporation and Sugar Farms Co-Op

Recommended Action:

Resolution No. 2020 - 1209 Authorize entering into Cooperative Agreement Number 4600004294 with United States Sugar Corporation and Sugar Farms Co-Op as part of the RS-G341 Conveyance Improvements Phase 1 Bolles East (L-16) Canal Conveyance Improvement Project - Segment 4 for the replacement of the Boca Chica Bridge.

- B. Change Order with Forgen, LLC

Recommended Action:

Resolution No. 2020 - 1210 Authorize issuing Change Order No. 1 to Contract Number 4600004097 with Forgen, LLC for the RS-G341 Conveyance Improvements Phase 1 Bolles East (L-16) Canal Conveyance Improvement Project - Segment 4, for a total amount not to exceed \$2,500,000, for which dedicated funds (Land Acquisition Trust Fund, Save Our Everglades Trust Fund and Everglades

Restoration Trust Fund) and Ad Valorem Funds are budgeted in Fiscal Year 2020-20201.

21. IT Facility Replacement Project, Broward County (Staff contact, Alan Shirkey)

Agenda Item Background:

As part of the Operations and Maintenance Capital Improvement Program, the IT Facility Replacement Project replaces the existing communication equipment building with a precast reinforced-concrete building. Contract Number 4600004222 was approved by the Governing Board at its April 2020 meeting in the amount of \$2,332,571 with Florida Design Contractors, Inc. At the same time, an unrelated Request for Bids #6000000935 for the Ft Lauderdale Field Station Overhead Crane Replacement project was advertised, and no responsive and responsible bids were received. This work replaces the existing 5-ton overhead crane at the maintenance building with two 10-ton overhead cranes on self-sufficient framing with foundations for the purpose of pump overhauls and installing a new 5-ton overhead crane for welding purposes. The District has negotiated Change Order No. 3 with Florida Design Contractors, Inc. for the Ft. Lauderdale Field Station Overhead Crane Replacement in the amount of \$663,545.29 and a completion date of September 3, 2021. This amount is reasonable when compared to the District's independent internal opinion of probable construction cost of \$642,354.

Recommended Action:

Resolution No. 2020 - 1211 Authorize Change Order No. 3 to Contract No. 4600004222 with Florida Design Contractors, Inc., for the IT Facility Replacement Project Ft. Lauderdale, Broward County, for an additional amount of \$663,545.29 for which Ad Valorem funds are budgeted in Fiscal Year 2020-2021.

22. Notice of Rule Development; Amendment to Rule 40E-4.091 (Staff contact, Jill Creech)

Agenda Item Background:

The DEP is initiating rulemaking in accordance with the Clean Waterways Act (known as Senate Bill 712), to update the stormwater design and operation regulations adopted under Section 373.4131, Florida Statutes, using the most recent scientific information available. In conjunction with DEP's rulemaking, the District will initiate rulemaking to update the "Environmental Resource Permit Applicant's Handbook Volume II for Use Within the Geographic Limits of the South Florida Water Management District" (Applicant's Handbook Volume II).

Through this coordinated rulemaking effort, DEP and the five water management districts will work together to develop amendments to (1) update the stormwater design and operation regulations, (2) consider and address low-impact design best management practices and design criteria that increase the removal of nutrients from stormwater discharges, and (3) consider measures for consistent application of the net improvement performance standard to ensure significant reductions of any pollutant loadings to a waterbody. The DEP rulemaking is expected to include amendments to Chapter 62-330, Florida Administrative Code, and to the statewide Applicant's Handbook Volume I. The District's rulemaking will focus on amending its Applicant's Handbook Volume II. Each of the other regional water management districts will initiate rulemaking for each of their respective Applicant's Handbook Volume II as part of this coordinated rulemaking effort.

Recommended Action:

Publish a Notice of Rule Development in the Florida Administrative Register to amend Rule 40E-4.091, Florida Administrative Code and the Environmental Resource Permit Applicant's Handbook Volume II, incorporated by reference.

23. Notice of Rule Development to Develop New Rule 40E-1.801, F.A.C., and to Amend Form 1400, Incorporated by Reference in Rule 40E-1.800, F.A.C. (Staff contact, Sean Cooley)

Agenda Item Background:

The District proposes to develop new Rule 40E-1.801, Florida Administrative Code (F.A.C.), to implement the provisions of Section 373.079(7), Florida Statutes, which authorizes each water management district to conduct meetings by means of communications media technology. To encourage public engagement, the District is developing new Rule 40E-1.801, F.A.C., to establish guidelines for the use of communications media technology during the District's public meetings. In addition, the District will be updating the Lobbyist Registration Form 1400, incorporated by reference in Rule 40E-1.800, F.A.C., to include electronic notarization in accordance with Chapter 117, Florida Statutes.

Staff requests authorization to publish a Notice of Rule Development in the Florida Administrative Register to develop new Rule 40E-1.801 (public meetings via communications media technology), and update Form 1400 (lobbyist registration form), incorporated by reference in Rule 40E-1.800, F.A.C.

Recommended Action:

Authorize publication of a Notice of Rule Development to develop new Rule 40E-1.801, F.A.C., and to amend Form 1400, incorporated by reference in Rule 40E-1.800, F.A.C.

24. Board Vote on Consent Agenda

Technical Reports

25. Water Conditions Report - John P. Mitnik
26. Ecological Conditions Report - Lawrence Glenn
27. Public Comment on Technical Reports

Discussion Agenda

Open Public Hearing

Pursuant to Section 120.54(3)(c)1., Florida Statutes

28. Adoption of Proposed Amendments to Rules 40E-10.021, 40E-10.031, 40E-10.061, and 40E-2.091, Florida Administrative Code (Staff contact, Don Medellin)

Agenda Item Background:

The proposed water reservation rule for the Everglades Agricultural Area (EAA) Reservoir identifies and prospectively reserves water needed for the protection of fish and wildlife. Staff requests the Governing Board to Adopt Amendments to establish water reservation criteria for the EAA Reservoir. Staff will publish a Notice of Change

after Governing Board approval.

The Comprehensive Everglades Restoration Plan (CERP) is the framework to restore the Greater Everglades Ecosystem. As part of CERP, the EAA Reservoir was authorized by WRDA 2018 as a multi-purpose reservoir. It will store regulatory releases from Lake Okeechobee and EAA basin runoff, thereby substantially decreasing the frequency and intensity of harmful discharges to the St. Lucie and Caloosahatchee Estuaries. Based on model simulations, the EAA Reservoir Project will deliver an average annual flow of 370,000 acre-feet above the existing flows to the central Everglades, benefiting fish and wildlife. It will also enhance regional water supplies for existing legal users, which will increase the water available to meet environmental needs.

Section 601 of WRDA 2000 requires the State to protect water made available for the natural system by CERP projects from allocation to consumptive uses. Legal protection of the water is required before the District and the U.S. Army Corps of Engineers (USACE) may execute a Project Partnership Agreement to cost-share the construction of CERP project features. The District intends to fulfil these requirements by adopting rules prospectively reserving the water released from the CERP EAA Reservoir Project to the central Everglades.

Recommended Action:

Adopt Proposed Amendments to Rules 40E-10.021, 40E-10.031, 40E-10.061, and 40E-2.091, Florida Administrative Code, and the “Applicant’s Handbook for Water Use Permit Applications within the South Florida Water Management District” for the Everglades Agricultural Area Reservoir Water Reservation with any changes pursuant to the public hearing and staff recommendations.

Close Public Hearing

29. Expedited Action to Address High Water Conditions in WCA-3A and 8.5 SMA (Las Palmas Community) (Staff contact, Akin Owosina)

Agenda Item Background:

The District is expediting Everglades Restoration activities to move more water south to the Everglades and on to Florida Bay. As additional flows are sent across the Tamiami Trail at North East Shark River Slough (NESRS), water levels in the park will rise. The 8.5 Square Mile Area (Las Palmas Community located in south Miami-Dade County) is adjacent to Everglades National Park (ENP) and was identified as an area that would flood with restoration of the hydrology of the ENP and a flood mitigation plan was necessary. That plan was designed and built as part of the Modified Water Deliveries (MWD) project implementation. The Combined Operation Plan (COP) describes how the MWD features will be operated with other projects in the area to achieve restoration goals and provide the necessary flood mitigation for 8.5 SMA. The plan, which allows more flows to NESRS than ever before includes an operational component which limits releases from WCA3-A to NESRS under specific high water conditions in and around the 8.5 SMA. These high water conditions often coincide with high water events in WCA3-A and limit the district’s ability to provide flood control in the central Everglades, flooding tree islands, flooding US41 at the boundary of Big Cypress National Preserve, and placing additional flood risk along the east coast protective levee.

Staff performed an analysis to consider and recommend options that would address the constraint to flow due to the 8.5 SMA high water conditions. Options considered include

different lengths and depths of seepage walls, a perimeter canal, a perimeter canal with a pump, and a targeted real estate acquisition option. An approximately two-mile long curtain wall appears to address the immediate flood issues on the western edge of 8.5 SMA while also potentially improving conditions in the buffer area in between ENP and 8.5 SMA. The cost of the ~two-mile curtain wall will depend on its final design. The critical outstanding unknown is the depth of the wall, which may be between 40 and 60 feet below ground. The project cost is estimated to be approximately \$15 Million.

Recommended Action:

Staff seeks Board direction to expedite implementation of a limited curtain wall along the western edge of 8.5 SMA as part of a comprehensive strategy to address high water conditions in the region.

30. Overview of the DBHydro Insights Application (Staff contact, Duane Piper)

Agenda Item Background:

DBHydro Insights will be released to the public and stakeholders. This will offer increased transparency and self-service access to the District's hydrologic and water quality data. This tool will allow users to perform analysis or obtain current conditions at District sites.

When DBHydro Insights is officially launched to the public it will provide quick access to current levels of major lakes in South Florida as well as flow gauge readings and other data on water control structures, STAs, and all the other major components of the District's water management and flood control systems. The database also gives access to current and historical data on watersheds and other sites throughout South Florida.

This item is a briefing item and no Governing Board action is required.

31. Lease and Service Agreement, West Waterhole Dispersed Water Management Project, Glades County (Staff contact, Carmela Bedregal)

Agenda Item Background:

The West Waterhole Dispersed Water Management (DWM) Project, a public/private partnership located in Glades County, initiated operations in 2008 as a pilot for implementing water management alternatives on private lands for detaining stormwater runoff, increasing stormwater storage and reducing nutrient loads to the regional system. As the project has successfully operated, successive agreements have been amended and restated or extended to maintain the benefits that the project provides. The project entity has expressed interest to continue operation of the project. Staff recommends continuing this project under a new 10-year Lease and Service Agreement with Lykes Regional Water Solutions, LLC., at a total cost not to exceed \$7,000,000.

Since inception, the project has stored on average approximately 5,200 acre-feet per year of Indian Prairie Basin stormwater runoff and reduced approximately 5.3 metric tons of total phosphorus and 24 metric tons of total nitrogen annually in discharges to the regional system (C-40 Canal).

Recommended Action:

Resolution No. 2020 - 1212 Authorize entering into a lease and service agreement with Lykes Regional Water Solutions, LLC, for the West Waterhole Dispersed Water Management Project to divert and store stormwater for nutrient attenuation through a sole source contract for a period of 10 years in an

amount not to exceed a total of \$7,000,000, for which \$450,000 in dedicated funds (Land Acquisition Trust Fund) is budgeted in Fiscal Year 2020-2021 and the remainder is subject to legislative appropriations and Governing Board approval for future years budgets. (Agreement Number 4600004340)

32. Significant Construction Contracts (Staff contact, Alan Shirkey)

A. C-139 Flow Equalization Basin Flow Equalization Basin Project, Hendry County

Agenda Item Background:

The C-139 Flow Equalization Basin (FEB) Project is a component of the Restoration Strategies projects and works in conjunction with the existing Everglades STA-5/6 to meet the Water Quality Based Effluent Limit (WQBEL) to achieve compliance with the State of Florida's numeric phosphorus criterion for the Everglades Protection Area outlined in Rule 62-302.540, F.A.C., enforced by the U.S. Environmental Protection Agency (EPA).

The C-139 FEB is intended to assist in managing source basin runoff from the C-139 Basin by attenuating peak flows and temporarily storing a portion of stormwater runoff prior to it being conveyed to STA-5/6. Flows to the approximately 2,800 acres FEB are received via the Deer Fence Canal from the west and from the North via the L-2 Canal.

The project includes construction of a 690 cfs Inflow Pump Station that will allow water to be pumped into the FEB when it is available from the C-139 Basin to temporarily capture and detain excessive peak flows at a maximum depth of four feet. The project will include approximately eleven miles of embankment and a 690 cfs outflow structure to move water through the C-139 FEB. The project will also include the replacement of the 800 cfs G-711E structure and improvement of over two miles of Deer Fence Canal and six miles of the L-3 Canal.

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 - 1213 Authorize entering into a 900-day contract with Condotte-Ryan, JV, the lowest responsive and responsible bidder, for the C-139 Flow Equalization Project, in the amount of \$79,933,411 for which \$22,500,000 in dedicated funds (Land Acquisition Trust Fund, Save Our Everglades Trust Fund and Everglades Trust Fund) and Ad Valorem funds are budgeted in Fiscal Year 2020-2021 and the remainder is subject to Governing Board approval of future years budgets. (Contract Number 4600004345)

B. STA-1E Western Flow-way Modifications - Regrading Project, Palm Beach County

Agenda Item Background:

As part of the District's Restoration Strategies Program, the western flow-way of STA-1E will be modified to correct topographic variations stemming from its original construction by the USACE. In order to meet the Water Quality Based Effluent Limitation (WQBEL) to achieve compliance with the State of Florida's numeric

phosphorus criterion for the Everglades Protection Area outlined in Rule 62-302.540, F.A.C., enforced by the EPA, the project will raise and level the ground elevations within Cell 5 and Cell 7 to achieve water depths that support Emergent Aquatic Vegetation and improve water quality. The STA-1E Western Flow-way Modifications - Regrading Project includes a net-balance regrading of the existing soil within Cell 5 and a grading and leveling of imported soil within Cell 7 (the imported soil is provided by a separate, previously approved contract).

Contract Number 4600004206 was approved by the Governing Board in March 2020 in the amount of \$13,078,500 with Thalle Construction Co., Inc., inclusive of a Unit Cost Bid Item for excavation of borrow material within the west distribution cell at a quantity of 100,000 cubic yards (cy). Change Order #1 was issued to increase this quantity by 50,000 cy in the amount of \$400,000, and Change Order #2 will add an additional quantity of 150,000 cy in the amount of \$1,200,000. Increasing the quantity of onsite excavation of borrow material is expected to shorten the duration of the project by as much as three months and will allow for wetland plantings within the cells to occur earlier in the dry season. Additionally, due to the unit price difference of onsite material versus importing from offsite, the District is expected to save \$467,000 in project cost.

Recommended Action:

Resolution No. 2020 - 1214 Authorize Change Order No. 2 to Contract No. 4600004206 with Thalle Construction Co., Inc., for the RS STA-1E Western Flow-way Modifications - Regrading Project, Palm Beach County, for an additional amount of \$1,200,000, for which dedicated funds (Land Acquisition Trust Fund) and Ad Valorem funds are budgeted in Fiscal Year 2020-2021.

33. Strategic Plan 2021-2026 (Staff contact, Jennifer Smith)

Agenda Item Background:

The purpose of this agenda item is to review the District's 2021-2026 Strategic Plan and request Governing Board approval. The approved plan will be submitted to the Governor and Legislature along with the Preliminary Fiscal Year 2021-2022 District budget due January 15, 2021. Public comments have been gathered and reviewed as part of this plan update. The document includes Governing Board members and management updates for Strategic Priorities, Success Indicators and Strategic Project recommendations based on Governor DeSantis' Executive Order 19-12, as well as final State of Florida and District budget decisions for Fiscal Year 2020-2021.

Recommended Action:

Resolution No. 2020 - 1215 Adopt the updated five-year Strategic Plan of the District for the purpose of establishing Governing Board guidance, strategic priorities, goals, projects and success indicators.

Staff Reports

34. Monthly Financial Report (Staff contact, Candida Heater)
- Emergency Procurements
35. General Counsel's Report - Carolyn Ansay

36. Executive Director's Report - Drew Bartlett
37. General Public Comment
38. Board Comment
39. Adjourn