

**PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING**

**SUMMARY AGENDA
June 1, 2022 @ 9:30 a.m.**

Charlotte County Administration Center
Commission Chambers, Room 119
18500 Murdock Circle, Port Charlotte, Florida

ALL MEETINGS ARE OPEN TO THE PUBLIC

Commissioner Alan Maio, Sarasota County, Chairman
Commissioner Elton Langford, DeSoto County, Vice Chairman
Commissioner Bill Truex, Charlotte County
Commissioner George Kruse, Manatee County

CALL TO ORDER

INVOCATION

Commissioner Elton Langford

PLEDGE OF ALLEGIANCE

Led by the Board

WELCOME GUESTS

HOST COUNTY REMARKS

Hector Flores, Charlotte County Administrator

PUBLIC COMMENTS

Any individual wishing to address the Board on an item on the Consent Agenda or Regular Agenda (“Voting Agenda Items”) or an issue that does not appear on the agenda should complete a ‘request to speak’ card and submit it to the Authority’s recording clerk prior to this Public Comments item. Each person that submits a ‘request to speak’ card will have three (3) minutes to address the Board. Fifteen (15) minutes is provided for this Public Comment item unless additional time is needed for individuals to address the Board on Voting Agenda Items. If the time limit is exhausted and there are still individuals that want to address the Board on non-Voting Agenda Items, the Board will entertain any remaining comments near the end of the meeting. Comments on Voting Agenda Items will be heard first.

CONSENT AGENDA

1. Minutes of April 6, 2022 Board of Directors Meeting

Recommended Action -

Motion to approve minutes of April 6, 2022 Board of Directors Meeting.

Draft minutes of the April 6, 2022 Board of Directors Meeting are provided for Board approval.

2. Set a Public Hearing for FY 2023 Budget for August 3, 2022

Recommended Action - **Motion** to Set a Public Hearing for FY 2023 Budget for August 3, 2022 at 9:30 a.m., DeSoto County Administration Building, Commission Chambers, First Floor, 201 Oak Street, Arcadia, Florida.

A public hearing for the FY 2023 Budget is scheduled for the regularly scheduled meeting on August 3, 2022 at 9:30 a.m., DeSoto County Administration Building, Commission Chambers, First Floor, 201 Oak Street, Arcadia, Florida.

3. Receive and File Authority Financial Reports:

Recommended Action - **Motion** to receive and file ‘Mid-Year Financial Status Report for FY 2022’.

Motion to receive and file ‘Semi-Annual Investment Report’ [March 31, 2022].

a. Receive and File Mid-Year Financial Status Report for FY 2022

Mid-Year Financial Status Report for FY 2022 is provided for the Board to receive and file.

b. Receive and File ‘Semi-Annual Investment Report’ [March 31, 2022]

‘Semi-Annual Investment Report’ [March 31, 2022] is provided for the Board to receive and file.

4. Award Sludge Hauling Contract to DM Construction

Recommended Action - **Motion** to approve and authorize Executive Director to execute Contract for Sludge Loading and Hauling Services to the lowest responsible and responsive bidder, D.M. Construction Corp.

Bids were requested for the sludge loading and hauling of dewatered sludge from the Peace River Facility in accordance with the Authority’s Procurement Policy. Two bids were timely received and opened on May 11, 2022. Staff recommends award of the Contract for Sludge Loading and Hauling Services to the recommended lowest responsible and responsive bidder, D.M. Construction Corp., in the amount of \$10.50 per ton. This represents a \$2.75/ton increase over our current vendor price of \$7.75 which has been in effect since 2019.

Funds for these purchases are available in the FY 2022 budget.

Budget Action: No action needed.

5. Ratify Execution of Water Treatment Chemical Contract (Aqua Ammonia) with Tanner Industries

Recommended Action - **Motion** to Award and Ratify Execution of the Chemical Contract for Purchase of 19% Aqua Ammonia with Tanner Industries.

Water treatment chemicals were bid in accordance with the Authority's Procurement Policy and staff recommended award of contracts to the lowest responsible and responsive bidders at the Authority's April 6th Board Meeting. Contracts are for an initial term of one (1) year (May 1, 2022 through April 30, 2023) and are eligible for up to two (2) one-year extensions upon mutual consent of the parties.

Subsequent to the April Board meeting, the Board-approved low bidder for Item #8, 19% Aqua Ammonia, Air Gas Specialty Products, declined to execute the Contract unless substantial changes, which were unacceptable to the Authority were made to the Contract. The 2nd lowest bidder, Tanner Industries, agreed to enter into the Authority's standard Contract without changes. Because aqua ammonia is essential for the water treatment process, and the existing contract for that supply expired April 30, 2022, a Contract with Tanner Industries for 19% aqua ammonia was executed by the Executive Director. The budget impact is negligible as the difference in bid price of the two bidders was \$0.001/gallon.

Bid Item	Chemical	Recommended Bidder	Current Cost	New Cost
No. 8	19% Aqua Ammonia	Air Gas Specialty Prod.	\$0.51/gal	\$1.0975/gal
No. 8	19% Aqua Ammonia	Tanner Industries	\$0.51/gal	\$1.0985/gal

Budget Action: No action needed.

6. Award Belt Filter Press Rehabilitation Contract

Recommended Action -

Motion to approve and authorize Executive Director to execute a contract for Belt Filter Press rehabilitation to MTS Environmental for \$400,000, which includes \$20,000 for Owner's Allowance.

The Belt Filter Presses at the Peace River Facility were installed as part of the Regional Expansion Program (REP) and have been in continuous service for since 2010. This item covers all parts, equipment, and labor for the refurbishment of both Belt Filter Presses. The manufacturer performed an inspection of the equipment and recommended a refurbishment to extend the useful life of the asset. This work will include all New O.E.M (Original Equipment Manufactured) parts supplied by Alva Laval/Ashbrook Simon-Hartley, the Original Equipment Manufacturer of the KP94 High Solids – 2.0, meter belt filter press installed at Peace River Water Treatment Plant. All labor will be Alva Laval trained personnel. MTS Environmental is Alfa Laval's sole contract representative for the state of Florida providing sales and service for all Alfa Laval's product line.

This is a sole source item. Attached is the letter from Alfa Laval stating that Alva Laval/Ashbrook Simon-Hartley is the Original Equipment Manufacturer of the KP94 High Solids – 2.0-meter belt filter press, and MTS Environmental is Alfa Laval's sole contract representative for the state of Florida for Alfa Laval's products and services.

Budget Action: No action needed. Funds for the project are budgeted in R&R

REGULAR AGENDA

1. Water Supply Conditions Report

Presenter -

Richard Anderson, Director of Operations

Recommended Action - **Status Report.** This item is presented for the Board’s information and no action is required.

Water Supply Conditions at the Peace River Facility as of May 17, 2022.

- Water Supply Quantity: Excellent
- Treated Water Quality: Excellent

May Water Demand	30.54 MGD
May River Withdrawals	1.50 MGD
<u>Storage Volume:</u>	
Reservoirs	3.82 BG
ASR	<u>8.11 BG</u>
Total	11.93 BG

2. Strategic Plan Update

Presenters - Terri Holcomb, PE, Director of Engineering

Recommended Action - This item is presented for the Board’s **information only and no action is required.**

At the February 3rd, 2021 Board Meeting, staff presented, and the Board approved the Strategic Plan 2021 documents. Included in the Strategic Plan 2021 documents were the Objectives and Initiatives to help drive the implementation of the Authority’s Strategic Plan. In accordance with the Initiatives, the Board requested that Authority staff present an update on the Strategic Plan annually. Today’s presentation will provide an update on the Authority’s Objectives and Initiatives to our Strategic Plan 2021.

Budget Action: No action is needed.

3. 5-Year Capital Improvements Plan & 20-Year Capital Needs Assessment for 2023 to 2042

Presenter - Terri Holcomb, PE, Director of Engineering

Recommended Action - **Board Motion** To approve the 5-Year Capital Improvement Plan and 20-Year Capital Needs Assessment for 2023-2042.

The draft 5-Year CIP and 20-Year CNA document summarizes the number, type, and timing of water supply, regional transmission, and other capital projects planned over these periods. Capital planning drives the planning, design, and construction of significant infrastructure projects forecasted to serve the region’s needs. These projections must be coordinated with financial planning, selection of engineering consultants, and acquisition of internal resources to complete these projects by the time they are needed. There are two schedule horizons in the Authority’s capital planning efforts: the 5-Year Capital Improvements Plan (CIP) which includes projects that are relatively certain and well-defined, and the 20-Year Capital Needs Assessment (CNA) that includes the 5-Year CIP and also looks out beyond that period to years 6 – 20 years where projects are less certain and defined.

The 5-Year CIP beginning in FY 2023 through FY 2027 currently includes the following:

Regional Transmission Projects	\$ 140,560,475	25.4%
Water Supply Projects	\$ 393,522,400	71%
Other Projects	\$ 20,250,000	3.6%
Total	\$ 554,332,875	100%

And the 20-Year CNA beginning in FY 2023 through FY 2042 includes the following:

Regional Transmission Projects	\$ 385,752,789	41.8%
Water Supply Projects	\$ 516,237,476	56%
Other Projects	\$ 20,250,000	2.2%
Total	\$ 922,240,265	100%

Capital planning has also identified \$445 million (\$266.4 million in 5-Year CIP) in offsetting cooperative grant funding opportunities for these collective projects based upon past generous participation by the Southwest Florida Water Management District as well as several FDEP (Federal) grants. The 5-Year CIP and 20-Year CNA were presented and discussed with Customer utility staff on March 9th and May 4th and presented to the Board (Regular 4) at the April 6, 2022 Board meeting.

Budget Action: None - Scheduled projects will be incorporated into the FY 2023 budget.

4. Water Treatment Facility Expansion Alternatives

Presenters -

Richard Anderson, Director of Operations
Chris Kuzler - Ardurra, Inc.

Recommended Action -

Status Update This item is presented for the Board's information and no action is required.

The Authority's Integrated Regional Water Supply Plan 2020 and Customer demand projections have identified a need for additional regional water supply in the 2028 timeframe. To meet this need, the Authority's CIP/CNA Plans includes a capacity expansion project at the Peace River Facility, that when combined with a new 9 BG reservoir will yield up to 18 MGD of average daily supply that can be allocated to Authority Customers to meet growing needs. The plant expansion project and the new reservoir project must be completed and operational at the same time.

To support an increase in treatment capacity at the Peace River Facility, Authority consultant Ardurra, Inc. has evaluated treatment capacity expansion options and costs at the Peace River Facility. Initially ten (10) expansion options were evaluated and results were provided to the Board on February 2, 2022. Subsequently, the top five (5) expansion projects were further evaluated and the results of that analysis will be presented here for review and discussion. Treatment capacity expansion options that were evaluated ranged from approximately 4 MGD to 24+MGD to create a "menu" of choices with which to meet customer needs.

The Authority's Consultant, Ardurra, Inc. will provide an update to the Board on the status of the Project and will include a discussion of the five highest ranked expansion options and conceptual level cost estimates.

Budget Action: No Action Needed

5. Owner's Agent Selection and Professional Services Contract

Presenter - Mike Knowles, Engineering & Projects Sr. Manager

Recommended Action - **Motion** to approve Professional Services Evaluation Committees recommended ranking and authorize the Executive Director to execute the contract for Professional Services with the top-ranked firm, Brown and Caldwell to perform Owner's Agent Services.

The Peace River Manasota Regional Water Supply Authority requested proposals from firms for the purpose of providing Owner's Agent services. Services to be provided by Agent to the Authority will generally include: program/project management, technical design reviews, procurement assistance, and construction engineering & inspection (CEI).

The Owner's Agent will provide professional services needed for various aspects of work to complete Capital Improvement Plan (CIP) and other projects. The Authority would issue separate work orders for professional services to be provided by Agent, with each work order individually negotiated between the Authority and Agent. Specific examples may include procurement & bidding assistance, authoring design criteria packages, quality control reviews on contract documents and/or designs, value engineering, construction engineering & inspection, hydraulic modeling, public engagement, project management, and land acquisition assistance.

Proposals were requested from consultants for the purpose of providing Owner's Agent Services on March 22, 2022, and five (5) Proposals were timely received by the April 22, 2022, submittal deadline. The Proposals were evaluated by the Authority's Professional Services Evaluation Committee (PSEC) on May 6, 2022, and in accordance with the Authority Procurement Policy, the PSEC short listed and interviewed the top three (3) firms. The PSEC ranking is shown below. Staff recommends Board approval of the PSEC ranking and authorization for the Executive Director to execute the contract for 'Professional Services' to be the Authority's Owner's Agent with the top ranked firm; Brown & Caldwell.

Rank	Firm	Location
1	Brown & Caldwell	Sarasota
2	Freese & Nichols	Tampa
3	Black & Veatch	Tampa

Budget Action: No action needed.

6. Staff Presentation on Progressive Design Build Process

Presenter - Mike Knowles, Engineering & Projects Sr. Manager

Recommended Action - **Status Update** This item is presented for the Board's information and no action is required.

The Peace River Manasota Regional Water Supply Authority has executed Interlocal Agreements with Charlotte County and Sarasota County for the construction of the Regional Integrated Loop System Phase 2B and Phase 3C respectively. The Authority is to make all reasonable efforts to complete the 13-mile Phase 2B Project by March 1, 2026, and the 9-mile Phase 3C Project by March 1, 2025. Utilizing a Progressive Design Build (PDB) procurement process allows the contractor and the engineer to be brought on simultaneously as a Design-Build Team with the contract executed between the Authority and the contractor.

The Projects both have unique challenges that the PDB process can assist in addressing. The cost of pipeline materials is in a state of flux with the market experiencing escalation in pricing related to a multitude of circumstances. Having the contractor onboard at the start of the project will allow for more targeted purchase of the materials to take advantage of changing market conditions. The lead time for production and delivery 42-inch diameter pipe is also a challenge due to other large diameter pipeline projects commencing in neighboring counties at the same time as the Authority's projects. Allowing the contractor to make quicker purchasing decisions also provides the ability to time the market for cost as well as certain manufacturer's lead-times to keep pace with construction. The schedule of both Projects doesn't allow for a significant amount of float (slack-time) between design, easement acquisition, materials ordering, installation, and placing the infrastructure into operation. The PDB process is suited to deliver tight schedules as the contractor can begin ordering materials and beginning construction activities after the 60% design is achieved. The nature of the Design-Build Team also allows the opportunity for constructability reviews and value engineering with the contractor's input.

The schedule for this selection process is described below:

Date	Milestone
05/24/2022	Request for Statements of Qualifications published (advertised)
06/24/2022	Statements of Qualifications from interested firms due to the Authority
06/30/2022	Professional Services Selection Committee (PSEC) meets to develop short list of firms for interview
07/14/2022	PSEC Interviews of short-listed firms
08/03/2022	PSEC Recommendations & PDB Contract presented to Board for consideration

Budget Action: No action needed.

GENERAL COUNSEL'S REPORT

Presenter - Douglas Manson, General Counsel

Recommended Action - **Status Report.** This item is presented for the Board's information and no action is required.

EXECUTIVE DIRECTOR'S REPORT

Presenter - Mike Coates, Executive Director

Recommended Action - **Status Report.** This item is presented for the Board's information and no action is required.

ROUTINE STATUS REPORTS

1. Hydrologic Conditions Report
2. Check Registers for March and April 2022
3. Peace River Regional Reservoir No. 3 Project (PR³) Preliminary Design
4. Peace River Regional Reservoir No. 3 (PR3) Preliminary Engineering and Third-Party Review
5. Regional Integrated Loop System Phase 2B & 2C Project
6. Regional Integrated Loop System Phase 3C Project
7. DeSoto Booster Pumping Station Project
8. Partially Treated Water Aquifer Storage and Recovery Project
9. Peace River Basin Report

BOARD MEMBER COMMENTS**PUBLIC COMMENTS** *(if necessary)*

Individuals who previously submitted a ‘request to speak’ card to the Authority’s recording clerk and there was inadequate time during the initial Public Comments item for them to speak on non-Voting Agenda Items, will be given three (3) minutes per person to speak on such item.

ANNOUNCEMENTSAuthority Board Workshop

June 1, 2022, immediately following regular Board Meeting
Charlotte County Administration Center
Commission Chambers Room 119
18500 Murdock Circle, Port Charlotte, Florida

Next Authority Board Meeting

August 3, 2022 @ 9:30 a.m.
DeSoto County Administration Building, Commission Chambers, First Floor
201 East Oak Street, Arcadia, Florida

Future Authority Board Meetings

October 5, 2022 @ 9:30 a.m. – Sarasota County Administration Center, Sarasota, Florida
December 7, 2022 @ 9:30 a.m.- Manatee County Administration Center, Bradenton, Florida

ADJOURNMENT**AUTHORITY BOARD WORKSHOP (to be convened immediately following the Board Meeting)**

1. Master Water Supply Contract Revisions
2. Master Water Supply Contract ‘Future Water Supply Procedure’

Visit the Business page of our website www.regionalwater.org to access the Agenda Packet