



Interoffice Memorandum

August 26, 2019

TO: Mayor Jerry L. Demings
and Board of County Commissioners

FROM: Raymond E. Hanson, P.E., Director
Utilities Department

A handwritten signature in black ink, appearing to read "R. Hanson", is written over the "FROM:" line.

**SUBJECT: BCC Agenda Item – Consent Agenda
September 10, 2019 BCC Meeting
Orange County/City of Orlando Water Conserv II Joint
Facilities Annual Target Budget
Contact Person: Michael J. Hudkins, P. E., Manager
Utilities Water Reclamation Division
(407) 254-9685**

The Water Conserv II project ("WC II"), which is jointly owned by the City of Orlando and Orange County, provides over 30 million gallons of reclaimed water daily for citrus irrigation, rapid infiltration basins (RIBs), nurseries/tree farms, golf courses and residential irrigation within the Horizon West development. The operating budget for the facility is negotiated annually and must be approved each year by the Board and the Orlando City Council.

Water Conserv II Joint Facilities Annual Target Budget

The WC II operations annual target budget includes the cost of labor, equipment, chemicals, repairs, professional services, and general maintenance necessary to operate and maintain the jointly owned facility. The County's and the City's share of the operation and maintenance cost are based on metered flow from the County's South Water Reclamation Facility (approximately 70%) and the City's McLeod Road Water Reclamation Facility (approximately 30%). The cost for all capital improvements is shared equally. The total project budget for 2020 is \$9,218,405. The City's share of the estimated 2020 project budget is \$3,893,416.50. The County's estimated share is \$5,324,988.50. Sufficient funds are available in account numbers 4420-038-1352-3135, 4420-038-1352-3820, 4420-038-1352-6310, and 4420-038-1445-6350.

The proposed WCII 2020 budget of \$9,218,405 is a 3.3% decrease from the 2019 budget of \$9,529,750. The 2020 operations and maintenance budget increased 1.9% from the previous year with \$3,578,930 proposed for 2020 and \$3,511,350 approved for 2019. The capital and renewal portion of the proposed 2020 budget represents a decrease of 6.6% from the previous year with \$5,389,475 proposed for 2020 and \$5,768,400 approved in 2019.



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September 10, 2019 BCC Agenda – Orange County/City of Orlando Water Conserv II Joint Facilities Annual Target Budget
August 26, 2019
Page 2 of 2

The primary increase in the operations and maintenance budget is due to additional outside services required.

Utilities Department staff has reviewed the budget and recommends approval.

Action Requested: **Approval of funding for the Orange County/City of Orlando Water Conserv II Joint Facilities Annual Target Budget with Woodard & Curran, Inc. The County's share of the estimated project budget is \$5,324,988.50.**

All Districts.

**WATER CONSERV II
FY 2020 PROPOSED BUDGET
OCTOBER 1, 2019 - SEPTEMBER 30, 2020**

ITEM	FY 2020 BUDGET
LABOR	
Direct Labor	\$ 909,300
Overhead @ 90%	\$ 818,350
Overtime Premium	\$ 20,000
Subtotal	\$ 1,747,650
Utilities	
Telephone	\$ 9,960
Other Utilities	\$ 11,000
Subtotal	\$ 20,960
Chemicals	
Sodium Hypochlorite	\$ 50
Other Chemicals	\$ 5,350
Subtotal	\$ 5,400
Repair & Maintenance	
Mechanical	\$ 37,390
Electrical	\$ 48,500
Instrumentation	\$ 109,270
Building & Grounds	\$ 27,250
Small Equipment & Tools	\$ 6,200
Vehicle Repair	\$ 24,800
Lubricants	\$ 4,500
Equipment Rental	\$ 12,250
Maintenance Agreements	\$ 37,325
Other Repair & Maintenance	\$ 38,850
Subtotal	\$ 346,335
Supplies & Equipment	
Data Collection	\$ 8,575
Office	\$ 4,600
Other Supplies & Equipment	\$ 3,350
Subtotal	\$ 16,525
Operating Expenses	
Dues & Subscriptions	\$ 3,160
Training & Certifications	\$ 7,765
Travel	\$ 725
On-Site Administrative	\$ 18,100
Health & Safety	\$ 15,450
Other Operating Expenses	\$ 38,275
Subtotal	\$ 83,475

**WATER CONSERV II
FY 2020 PROPOSED BUDGET
OCTOBER 1, 2019 - SEPTEMBER 30, 2020**

ITEM	FY 2020 BUDGET
Outside Services	
Groundtek of Central Florida, Inc.	\$ 377,500
Outside Painting Services	\$ 75,000
Contract Locate Service	\$ 72,000
Carollo Engineering	\$ 460,430
Design Surveys	\$ 16,500
E Sciences	\$ 16,025
Outside Services for WC II Operations Database Maint. & Support	\$ 26,700
Casual Labor	\$ 32,500
Other Outside Services	\$ 111,530
Subtotal	\$ 1,188,185
Total O&M Costs	\$ 3,408,530
O&M 5% Fixed Fee	\$ 170,400
Subtotal of Costs	\$ 3,578,930
Renewal & Replacement Program	\$ 1,126,475
R&R Program 5% Fixed Fee	\$ 56,350
Capital Program	\$ 4,006,350
Capital Program 5% Fixed Fee	\$ 200,300
Subtotal of Costs	\$ 8,968,405
Contingency For OOS Projects/Services	\$ 238,100
Contingency 5% Fixed Fee	\$ 11,900
Total Budget	\$ 9,218,405