



Interoffice Memorandum

August 28, 2017

TO: Mayor Teresa Jacobs
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 12, 2017 BCC Meeting
Orange County/City of Orlando Water Conserv II Joint
Facilities Annual Target Budget
Contact Person: Michael J. Hudkins, P. E., Manager
Water Reclamation Division
Utilities Department
(407) 254-9685**

The Water Conserv II (WC II) project, 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 of County Commissioners 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 68%) and the City's McLeod Road Water Reclamation Facility (approximately 32%). The cost for all capital improvements is shared equally. The total project budget for 2018 is \$8,557,050. The City's share of the estimated 2018 project budget is \$3,682,099.37. The County's share is \$4,874,950.63. 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 2018 budget of \$8,557,050 is a 0.24% increase from the 2017 budget of \$8,536,424. The 2018 operations and maintenance budget decreased 0.14% from the previous year with \$3,155,700 proposed for 2018 and \$3,160,275 approved for 2017. The capital and renewal portion of the proposed 2018 budget represents an increase of 0.51% from the previous year with \$4,993,575 proposed for 2018 and \$4,968,124 approved in 2017.



Interoffice Memorandum

September 12, 2017 BCC Meeting Consent Agenda – Conserv II Amendment and
Renewal/Annual Target Budget
August 28, 2017
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Since the WCII system is 32 years old, this year's proposed budget funds a number of renewal and replacement projects required to maintain the effective operation of the facility increasing the program budget slightly from the previous year. The slight increase in the 2018 budget is due to projected increases in the costs associated with completion of the turnpike realignment project, upgrading the distribution center fuel system, and additional renewal and replacement program costs.

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 \$4,874,950.63.**

All Districts.

WATER CONSERV II
FY 2018 BUDGET
OCTOBER 1, 2017 - SEPTEMBER 30, 2018

ITEM	FY 2018 BUDGET
Labor	
Direct Labor	\$ 878,350
Overhead @ 90%	\$ 790,525
Overtime	\$ 20,000
Subtotal	\$ 1,688,875
Utilities	
Telephone	\$ 9,600
Other Utilities	\$ 9,000
Subtotal	\$ 18,600
Chemicals	
Sodium Hypochlorite	\$ 50
Other Chemicals	\$ 10,400
Subtotal	\$ 10,450
Repair & Maintenance	
Mechanical	\$ 36,050
Electrical	\$ 48,475
Instrumentation	\$ 92,300
Building & Grounds	\$ 22,500
Small Equipment & Tools	\$ 6,000
Vehicle Repair	\$ 22,500
Lubricants	\$ 4,500
Equipment Rental	\$ 17,600
Maintenance Agreements	\$ 34,750
Other Repairs & Maintenance	\$ 38,850
Subtotal	\$ 323,525
Supplies & Equipment	
Data Collection	\$ 6,650
Office	\$ 4,500
Other Supplies & Equipment	\$ 3,250
Subtotal	\$ 14,400
Operating Expenses	
Training & Travel	\$ 8,200
Dues & Subscriptions	\$ 2,750
On-Site Administration	\$ 16,000
Health & Safety	\$ 13,525
Other Operating Expenses	\$ 34,375
Subtotal	\$ 74,850

**WATER CONSERV II
FY 2018 BUDGET
OCTOBER 1, 2017 - SEPTEMBER 30, 2018**

ITEM	FY 2018 BUDGET
Outside Services	
Groundtek of Central Florida, Inc	\$ 354,425
Outside Painting Services	\$ 75,000
Contract Locate Service	\$ 45,000
WSP/PB	\$ 431,450
Design Surveys	\$ 15,000
Esciences	\$ 8,550
Outside Svcs for WCII Operations Database Maintenance & Support	\$ 8,500
Altrix	\$ -
Temporary Labor	\$ 31,800
Other Outside Services	\$ 55,275
Subtotal	\$ 1,025,000
Total O&M Costs	\$ 3,155,700
Research Grants	\$ -
5% Fixed Fee	\$ 157,775
Subtotal of Costs	\$ 3,313,475
Renewal & Replacement Program	\$ 1,215,925
R&R Program 5% Fixed Fee	\$ 60,800
Capital Program	\$ 3,539,850
Capital Program 5% Fixed Fee	\$ 177,000
Subtotal of Costs	\$ 8,307,050
Contingency for OOS Projects/Services	\$ 238,100
Contingency 5% Fixed Fee	\$ 11,900
Total Budget	\$ 8,557,050