



## Interoffice Memorandum

August 27, 2018

**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 "RH", is written over the "FROM:" line.

**SUBJECT: BCC AGENDA ITEM – Consent Agenda  
September 11, 2018 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 2019 is \$9,529,750. The City's share of the estimated 2019 project budget is \$4,062,605. The County's estimated share is \$5,467,145. 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 2019 budget of \$9,529,750 is a 11.4% increase from the 2018 budget of \$8,557,050. The 2019 operations and maintenance budget increased 6.0% from the previous year, with \$3,511,350 proposed for 2019 and \$3,313,475 approved for 2018. The capital and renewal portion of the proposed 2019 budget represents an increase of 15% from the previous year, with \$5,768,400 proposed for 2019 and \$4,993,575 approved in 2018.

The primary increase in the capital budget is due to infrastructure projects necessary to accommodate additional reclaimed water demand associated with growth in the area. Additional outside services increased the operations and maintenance budget.

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 \$5,467,145.**

**All Districts.**

**WATER CONSERV II**  
**FY 2018 BUDGET**  
**OCTOBER 1, 2018 - SEPTEMBER 30, 2019**

<b>ITEM</b>	<b>FY 2019 BUDGET</b>
<b>Labor</b>	
Direct Labor	\$ 909,300
Overhead @ 90%	\$ 818,350
Overtime	\$ 20,000
<b>Subtotal</b>	<b>\$ 1,747,650</b>
<b>Utilities</b>	
Telephone	\$ 9,600
Other Utilities	\$ 9,600
<b>Subtotal</b>	<b>\$ 19,200</b>
<b>Chemicals</b>	
Sodium Hypochlorite	\$ 50
Other Chemicals	\$ 5,350
<b>Subtotal</b>	<b>\$ 5,400</b>
<b>Repair &amp; Maintenance</b>	
Mechanical	\$ 36,300
Electrical	\$ 48,500
Instrumentation	\$ 101,150
Building & Grounds	\$ 24,750
Small Equipment & Tools	\$ 6,000
Vehicle Repair	\$ 23,625
Lubricants	\$ 4,500
Equipment Rental	\$ 12,150
Maintenance Agreements	\$ 36,825
Other Repairs & Maintenance	\$ 38,850
<b>Subtotal</b>	<b>\$ 332,650</b>
<b>Supplies &amp; Equipment</b>	
Data Collection	\$ 8,325
Office	\$ 4,500
Other Supplies & Equipment	\$ 3,250
<b>Subtotal</b>	<b>\$ 16,075</b>
<b>Operating Expenses</b>	
Training & Travel	\$ 8,375
Dues & Subscriptions	\$ 2,750
On-Site Administration	\$ 17,550
Health & Safety	\$ 14,200
Other Operating Expenses	\$ 34,375
<b>Subtotal</b>	<b>\$ 77,250</b>

**WATER CONSERV II  
FY 2018 BUDGET  
OCTOBER 1, 2018 - SEPTEMBER 30, 2019**

<b>ITEM</b>	<b>FY 2019 BUDGET</b>
<b>Outside Services</b>	
Groundtek of Central Florida, Inc	\$ 374,800
Outside Painting Services	\$ 75,000
Contract Locate Service	\$ 88,200
WSP/PB	\$ 447,850
Design Surveys	\$ 15,750
Esciences	\$ 23,325
Outside Svcs for WCII Operations Database Maintenance & Support	\$ 26,700
Altrix	\$ -
Temporary Labor	\$ 31,800
Other Outside Services	\$ 62,500
<b>Subtotal</b>	<b>\$ 1,145,925</b>
<b>Total O&amp;M Costs</b>	<b>\$ 3,344,150</b>
<b>Research Grants</b>	<b>\$ -</b>
<b>5% Fixed Fee</b>	<b>\$ 167,200</b>
<b>Subtotal of Costs</b>	<b>\$ 3,511,350</b>
<b>Renewal &amp; Replacement Program</b>	<b>\$ 1,093,000</b>
<b>R&amp;R Program 5% Fixed Fee</b>	<b>\$ 54,650</b>
<b>Capital Program</b>	<b>\$ 4,400,750</b>
<b>Capital Program 5% Fixed Fee</b>	<b>\$ 220,000</b>
<b>Subtotal of Costs</b>	<b>\$ 9,279,750</b>
<b>Contingency for OOS Projects/Services</b>	<b>\$ 238,100</b>
<b>Contingency 5% Fixed Fee</b>	<b>\$ 11,900</b>
<b>Total Budget</b>	<b>\$ 9,529,750</b>