



**Interoffice Memorandum**

September 4, 2020

**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".

**SUBJECT: BCC Agenda Item – Consent Agenda  
September 22, 2020 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 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 and the Orlando City Council.

**Water Conserv II Joint Facilities Annual Target Budget**

The Water Conserv 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 2021 is \$9,447,315. The City's share of the estimated 2021 project budget is \$3,992,619. The County's estimated share is \$5,454,696. Sufficient funds are available in account numbers 4420-038-1352-3135, 4420-038-1352-3820, 4420-038-1352-6310, 4420-038-1445-6310, 4420-038-1445-6345 and 4420-038-1445-6440.

The proposed WCII 2021 budget of \$9,447,315 is a 1.3% increase from the 2020 budget of \$9,321,805. The 2021 operations and maintenance budget increased 2.1% from the previous year with \$3,655,190 proposed for 2021 and \$3,578,930 approved for 2020. The capital and renewal portion of the proposed 2021 budget represents an increase of 0.9% from the previous year with \$5,792,126 proposed for 2021 and \$5,742,875 approved in 2020.



## Interoffice Memorandum

September 22, 2020 BCC Agenda – Conserv II Amendment and Renewal/Annual Target Budget  
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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 \$5,454,696.**

**All Districts.**

**WATER CONSERV II  
FY 2021 PROPOSED BUDGET  
OCTOBER 1, 2020 - SEPTEMBER 30, 2021**

ITEM	FY 2021 BUDGET
<b>LABOR</b>	
Direct Labor	\$ 909,300
Overhead @ 90%	\$ 818,350
Overtime Premium	\$ 20,000
<b>Subtotal</b>	<b>\$ 1,747,650</b>
<b>Utilities</b>	
Telephone	\$ 9,960
Other Utilities	\$ 14,500
<b>Subtotal</b>	<b>\$ 24,460</b>
<b>Chemicals</b>	
Sodium Hypochlorite	\$ 50
Other Chemicals	\$ 4,240
<b>Subtotal</b>	<b>\$ 4,290</b>
<b>Repair &amp; Maintenance</b>	
Mechanical	\$ 38,540
Electrical	\$ 50,500
Instrumentation	\$ 129,250
Building & Grounds	\$ 28,200
Small Equipment & Tools	\$ 6,200
Vehicle Repair	\$ 27,280
Lubricants	\$ 2,050
Equipment Rental	\$ 10,350
Maintenance Agreements	\$ 57,725
Other Repair & Maintenance	\$ 40,000
<b>Subtotal</b>	<b>\$ 390,095</b>
<b>Supplies &amp; Equipment</b>	
Data Collection	\$ 9,000
Office	\$ 4,600
Other Supplies & Equipment	\$ 3,950
<b>Subtotal</b>	<b>\$ 17,550</b>
<b>Operating Expenses</b>	
Dues & Subscriptions	\$ 3,160
Training & Certifications	\$ 8,025
Travel	\$ 1,450
On-Site Administrative	\$ 19,800
Health & Safety	\$ 15,450
Other Operating Expenses	\$ 33,400
<b>Subtotal</b>	<b>\$ 81,285</b>

**WATER CONSERV II  
FY 2021 PROPOSED BUDGET  
OCTOBER 1, 2020 - SEPTEMBER 30, 2021**

ITEM	FY 2021 BUDGET
<b>Outside Services</b>	
Groundtek of Central Florida, Inc.	\$ 388,600
Outside Painting Services	\$ 75,000
Contract Locate Service	\$ 75,600
CAROLLO	\$ 473,530
Design Surveys	\$ 17,200
E Sciences	\$ 9,600
Outside Services for WC II Operations Database Maint. & Support	\$ 26,700
Electrical Support Services	\$ 37,000
Casual Labor	\$ 32,500
Other Outside Services	\$ 80,130
<b>Subtotal</b>	<b>\$ 1,215,860</b>
<b>Total O&amp;M Costs</b>	<b>\$ 3,481,190</b>
<b>O&amp;M 5% Fixed Fee</b>	<b>\$ 174,000</b>
<b>Subtotal of Costs</b>	<b>\$ 3,655,190</b>
<b>Renewal &amp; Replacement Program</b>	<b>\$ 1,051,025</b>
<b>R&amp;R Program 5% Fixed Fee</b>	<b>\$ 52,550</b>
<b>Capital Program</b>	<b>\$ 4,227,250</b>
<b>Capital Program 5% Fixed Fee</b>	<b>\$ 211,300</b>
<b>Subtotal of Costs</b>	<b>\$ 9,197,315</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>\$ 9,447,315</b>