

**THE UNIFIED GOVERNMENT OF ATHENS-CLARKE COUNTY  
COMMISSION AGENDA ITEM**

**SUBJECT:** North Oconee Water Reclamation Facility Aeration Basin Improvements - Change Order #2

**DATE:** August 30, 2022

**BUDGET INFORMATION:**

Capital Expenses:	\$3,418,131	Replace and Upgrade WRF Facilities Designated Projects
	<u>\$ 180,997</u>	<u>Expenditures &amp; Encumbrances</u>
	\$ 57,031	Available for NOWRF Aeration Basin Improvements - CO#2

FUNDING SOURCE: Water & Sewer Enterprise Fund

**COMMISSION ACTION REQUESTED ON:** October 4, 2022

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**PURPOSE:**

To request the Mayor and Commission:

- a. Authorize additive Change Order #2 with Western Summit Constructors, Inc., in the amount of \$57,031 for the North Oconee Water Reclamation Facility (NOWRF) Aeration Basin Improvements; and
- b. Authorize the Mayor and appropriate staff to execute all documents related to the work authorization.

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**HISTORY:**

1. On July 1, 2008, the Mayor and Commission approved an appropriation in the amount of \$107,295,955 for the construction of the new North Oconee Water Reclamation Facility.
2. On September 20, 2016, the Mayor and Commission accepted the Infrastructure Element and the Capital Improvements Element of the 2015 Update to the Service Delivery Plan which included Project #2-206 North Oconee Water Reclamation Facility Aeration Basins Improvements.
3. On February 2, 2018, the Mayor and Commission approved a competitively procured on-call facilities contract with Western Summit Constructors, Inc.
4. On September 11, 2018, the Mayor and Commission work session included a presentation and discussion of the WRF improvements.

5. On August 4, 2020, the Mayor and Commission approved the work authorization for the North Oconee WRF Aeration Basin Improvements.
6. On August 4, 2020, the Mayor and Commission accepted the Infrastructure Element and the Capital Improvements Element of the 2020 Update to the Service Delivery Plan, which included costs to perform the improvements to the aeration basins.
7. On August 24, 2020, Public Utilities Department issued the ‘Notice to Proceed’ to Western Summit Constructors, Inc.
8. In March 2021, the North Oconee Water Reclamation Facility received its fifth platinum award from the Georgia Association of Water Professionals for nine years of continuous perfect compliance with NPDES permit requirements.
9. In August 2021, 2KB Energy Services presented to PUD an energy audit of the North Oconee WRF listing the results and provided potential cost savings with the use of the aeration basin improvements.
10. On June 7, 2022, the Mayor and Commission adopted the FY23 Capital Budget that included projects for Replace and Upgrade Facilities and Equipment.

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**FACTS & ISSUES:**

1. Among the seven prioritization categories in the 2015 SDP, projects that accomplish system renewal are a Priority 2.
2. The 2015 SDP (History #2) set aside funding to study hydraulics and best improvements to the aeration basin to reduce energy cost. The 2020 SDP (History #7) captures the cost associated to implement these improvements.
3. The project involves adding dual dissolved oxygen probes in each zone, adding automated valves to control each zone and programming to control aeration loop through the plant computer controls. These improvements will reduce the energy cost associated with the biological process while still allowing the facility to meet its stringent permit limits.
4. Western Summit Constructors Inc. is PUD’s on-call facilities contractor (History #3).
5. Change Order #1 was requested by the contractor in the amount of \$44,825 for the fabrication and installation of weatherproof control panel stands and aluminum cable ramps as recommended by the manufacturer.
6. Change Order #2 was requested by the contractor in the amount of \$57,031. Western Summit’s instrumentation sub-contractor, Kapsch, incurred a price increase (\$57,031) on needed equipment that was not captured in the initial total price quote for the project. The

contractors' updated work costs for \$666,032 still falls below Jacobs Engineers estimate of \$800,000.

7. The Change Order #2 summary is:

Contract Change Summary

Contractor Original Contract:	\$564,176
Appropriation Total:	\$564,176
Change Order #1 additive Contractor:	\$44,825
Contractor Adjusted Total Appropriation:	\$609,001
Change Order #2 adjustment to the appropriation	\$57,031
Appropriation Revised total	\$666,032

8. This recommendation supports the following ACCGov Strategic Plan Goal and Strategy:
- Built and Natural Infrastructure, Strategy C, *Provide adequate funding for maintenance of existing and newly constructed infrastructure.*

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**OPTIONS:**

1. Mayor and Commission:
  - a. Authorize additive Change Order #2 with Western Summit Constructors, Inc. in the amount of \$57,031 for the North Oconee WRF Aeration Basin Improvements; and
  - b. Authorize the Mayor and appropriate staff to sign all documents related to the work authorization.
2. Mayor and Commission deny the request.
3. Mayor and Commission defined option.

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**DEPARTMENT RECOMMENDED ACTION:** Option 1 a & b

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**DEPARTMENT:** Public Utilities

Prepared by: Hollis Terry IV



August 30, 2022

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Hollis Terry IV

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Date:

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**ADMINISTRATIVE COMMENTS:**

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**ADMINISTRATIVE RECOMMENDATION:** Option #1 a & b



Manager

September 15, 2022

Date: