



## FACILITIES & PLANTS ENGINEERING

Date: May 16, 2025

To: Kenneth Morgan, P.E., Director  
Jeff Martin, P.E., Deputy Director  
Blake Anderson, P.E., Division Head

From: Shawn Cross, Senior Project Manager

Subject: New Amendment and CIP addition Owners Advisor Contract Recommendation for Blue River Biosolids Facility Project Number 81000821, Contract Number 1394

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1. **PROJECT NUMBER(S):**

81000821

2. **CONTRACT NUMBER:**

1394

3. **PROJECT BACKGROUND:**

On Wednesday, February 15<sup>th</sup> 2018, WSD advertised a request for proposals from design professionals to assist in the study, conceptual design, procurement method selection, and preliminary design of solids improvements at Blue River WWTP. Three proposals were submitted and Carollo Engineers was selected.

The current contract is set to expire August 17<sup>th</sup>, 2025. Due to unforeseen delays to the Blue River Biosolids Project due to the COVID-19 pandemic, it is requested to add another year to the contract and add that to the FY26 CIP. Current FY26 has an upgrade of the Household Hazardous Waste (HHW) Facility for \$6 Million. We have been attempting to obtain outside grant funding for this construction. Therefore, it is recommended to move the HHW project to FY27 CIP and reserve the remaining \$4 million for alternative wastewater facilities projects or overages on projects.

4. **PROJECT DESCRIPTION:**

The project consists of improvements to the processes that treat Biosolids generated from the Blue River, Westside WWTP, and Birmingham WWTP. The core improvements will be upgrading the anaerobic digestion system with Thermal Hydrolysis Process. To facilitate that upgrade, components of the Blue River Solids Complex will be rehabbed, replaced, and modernized including: the electrical system, HVAC System, sludge screening and pretreatment, east and west holding tanks, anaerobic digesters,

sludge heat exchangers, boilers, dewatering equipment, sludge storage facilities, cake storage facilities, and biogas treatment. Side stream ammonia treatment may be installed as well pending the finalization of the new Blue River WWTP NPDES permit and a business case.

**5. TASK SERIES LISTING:**

Task Series 100 – Project Management

Task Series 500 – Public Outreach

Task Series 800 – Design Build Construction and Commissioning Phase Support

Task Series 900 – Engineering Services During Design and Construction

Optional Services

**6. SOURCE OF FUNDS:**

FY26 CIP Adder

**7. PREVIOUS ORDINANCE:**

180507

**8. MBE/WBE GOALS:**

14% MBE 11% WBE

Carollo engineers is currently exceeding goals as of March 2025 at 19.2% MBE and 19% WBE.

**9. PROPOSALS RECEIVED:**

Black and Veatch

Carollo

AECOM

**10. DESIGN PROFESSIONAL SERVICES SELECTION COMMITTEE:**

City Wide Selection

Jermaine Reed, Former Chairman Transportation and Infrastructure, Councilman

Troy Schulte, Former City Manager

Terry Leeds, Former Director of Water Services

D. Matt Bond, Former Deputy Director of Water Services

Supported by: Brian Schroeder Former Division Manager Facilities and Plant Engineering, David Nelson – Former Wastewater Utility Officer, Brent Herring – Deputy Director, Blake Anderson P.E, Division Manager Facilities and Plants Engineering, Shaun O’Kelly P.E, Former Plant Engineer, and David Elge Senior Project Manager

**RECOMMENDATIONS:**

The Selection Committee recommended Carollo Engineers.

**NEGOTIATED FEE:**  
\$2,054,790 for Amendment 8

Permission is requested to proceed with amendment requiring ordinance authorization for Contract #1394 for Blue River Biosolids Facility

DocuSigned by:  
*Blake Anderson* 5/16/2025  
Approved: Blake Anderson, P.E., Division Head Date

DocuSigned by:  
*Jeff Martin* 5/16/2025  
Approved: Jeff Martin, P.E., Deputy Director Date

Signed by:  
*Kenneth Morgan* 5/19/2025  
Approved: Kenneth Morgan, P.E., Director Date

cc: Contract Administrator  
Contract File No. 1394  
eBuilder