



Mayor Robert E. Simison

City Council Members:

Luke Cavener, President
Liz Strader, Vice President
Brian Whitlock
Doug Taylor
John Overton
Anne Little Roberts

TO: Mayor Robert E. Simison
Members of the City Council

FROM: *David Briggs, P.E., P.M.P.*

DATE: *October 21, 2024*

SUBJECT: TASK ORDER #5020.0200 __ FOR THE WRRF BIOSOLIDS DRYING PROJECT – SERVICES DURING CONSTRUCTION FOR A NOT-TO-EXCEED AMOUNT OF \$613,200.00 PURSUANT TO THE MASTER AGREEMENT APPROVED BY CITY COUNCIL OCTOBER 1, 2017

REQUESTED COUNCIL DATE:

I. RECOMMENDED ACTION

A. Move to:

1. Approve Task Order 5040.0200. __ with BROWN & CALDWELL for the Wastewater Resource Recovery Facility – Biosolids Drying project Services During Construction, for a not-to-exceed cost of \$613,200.00.
2. Authorize the Mayor to sign the agreement

II. DEPARTMENT CONTACT PERSONS

David Briggs, PE, PMP - PM	208-489-0347
Clint Dolsby, PE, Assistant Engineer	208-489-0341
Warren Stewart, City Engineer	208-489-0350
Laurelei McVey, Director of Public Works	208-985-1259

III. DESCRIPTION

A. Background

The City is bidding out the construction of a new biosolids dryer that could potentially significantly reduce the volume of biosolids requiring disposal. By removing additional moisture from dewatered solids, the City will reduce land fill hauling and disposal costs. The biosolids dryer will be a thermally enhanced solar greenhouse dryer, taking advantage of solar energy through the greenhouse, as well as heat transfer through stainless steel floor plates.

B. Proposed Project

BROWN & CALDWELL will provide services during construction for the project. This Task Order will allow Brown & Caldwell the ability to assist the City during Construction by responding to submittals, RFI's, Change Orders, attending meetings, prepare meeting minutes, providing recommendations during construction, interpreting construction drawings, review contractor schedules, assist during commissioning of the facility, prepare O&M materials, and prepare record drawings.

C. Consultant Selection

BROWN & CALDWELL was selected for this project due to their involvement with the design of this project and their expertise in providing engineering services during construction for projects of similar size and scope.

IV. **IMPACT**

A. Strategic Impact:

This project meets the City's mission requirements to identify and prioritize work to anticipate, plan and provide public services and facilities that support the needs of our growing community, ensure modern, reliable facilities, while maintaining financial stewardship and maintaining the ability to meet the changing permit limit requirements.

B. Service/Delivery Impact:

Implementing WRRF Biosolids Dryer project at the WRRF will support departmental objectives.

C. Fiscal Impact:

Project Costs:

Project Costs:

<u>Fiscal Year 2024</u>		
Supplemental Surveying		\$4,738.00
WRRF Biosolids Design		\$298,047.00
WRRF Biosolids Final Design		\$692,992.00
Total Project Cost		<u>\$995,777.00</u>

Project Funding

<i>ARPA Funding</i>		<i>\$5,000,000.00</i>
Total Funding		<i>\$5,000,000.00</i>

V. **ALTERNATIVES**

No alternatives to this project at this time.

VI. **TIME CONSTRAINTS**

Council's approval will allow this project to continue towards construction.

Approved for Council Agenda: _____

