

AGENDA REQUEST FORM

**Return completed form and complete agenda item to the Clerk of the Board
Yakima County Commissioners' Office, Room 232**

Prepared by:
Joe Stump

Department: Public Services

Requested Agenda Date: 02/09/2021

Presenting: Lisa Freund

Document Title:

Board of County Commissioners Record Assigned
BOCC Agreement

026 - 2021
Yakima County, WA

APPROVED FOR AGENDA:
 Consent Regular
Board of County Commissioners Determined

Amendment #4 A/E Consultant Agreement for Professional Services, Buena Wastewater Treatment Plant.

Action Requested: *Check Applicable Box*

PASS RESOLUTION EXECUTE or AMEND AGREEMENT CONTRACT or GRANT
 ISSUE PROCLAMATION PASS ORDINANCE OTHER _____

Describe Fiscal Impact:

Amendment increases contract amount by \$11,958. Of that amount \$8505 is eligible for reimbursement through a grant by the Washington State Department of Ecology and \$3,453 will be paid by reserves from the Buena wastewater system.

Background Information:

The Buena Wastewater System has been experiencing deterioration in the recirculation tanks and a loss of capacity in one of the two filter beds. The County hired Gray & Osborne Engineering in 2015 to evaluate the facility and provide recommendations for improvements. One of the improvement projects included repairing and applying a protective coating to the recirculation tanks. During construction of the project, additional site visits were required from a certified coating's inspector than was originally anticipated. The County also requested a technical memorandum describing other improvements and costs to be eligible for additional State funding.


Summary & Recommendation:


The amendment increases the scope of work and the contract amount by \$11,958. Public Services recommends approval of the amendment.

Motion:

Department Head/ Elected Official

AGREEMENT Attached Is Approved as to Form
Corporate Counsel Initial


Signature



Late Agenda Requests Require BOCC Chairman Signature:

026-2021

AMENDMENT #4
A/E CONSULTANT AGREEMENT FOR PROFESSIONAL SERVICES

Yakima County, WA

Buena Wastewater Treatment Plant

THIS AMENDMENT is made to the A/E Consultant Agreement for Professional Services dated April 21st, 2015 between the County of Yakima, Washington (hereinafter called the "**County**") whose address is Yakima County Courthouse, 128 North Second Street, Fourth Floor, Yakima, Washington 98901, and Gray & Osborne, Inc. (hereinafter called the "**Consultant**") whose address is 180 Iron Horse Court, Yakima, Washington 98901.

Whereas, the Buena Wastewater Treatment Facility has been experiencing deterioration in the recirculation tanks and a loss of hydraulic capacity in one of the two filter beds; and,

Whereas, the County recently completed a project to repair the recirculation tanks and apply a protective coating; and,

Whereas, additional engineering design and construction administration services were required during construction of the repair project; and,

Whereas, additional improvements were identified during the repair project to extend the life of the recirculation tanks; and,

Whereas, a technical memorandum evaluating the additional improvements and their cost was needed to amend the County's Buena Wastewater Treatment Facility Plan and make the additional improvements eligible for Ecology funding; now, therefore,

It is mutually agreed that the above referenced Agreement is supplemented with the attached Exhibit A, Scope of Work, which provides for (1) additional construction administration services, and (2) a Facilities Plan Amendment in the form of a technical memorandum. Exhibit B of the above referenced Agreement is supplemented with the attached Exhibit B thereby, increasing the not to exceed amount for payment by \$11,958. The revised total not to exceed amount under the *Agreement* is \$76,698.00

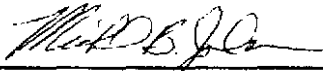
It is further agreed that Amendments #5, #7 and #3 of the Local Agency Standard Consultant Agreement are Amendments #1, #2 and #3 of the above referenced A/E Consultant Agreement for Professional Services. All other provisions remain unchanged.

IN WITNESS WHEREOF, the County and the Consultant have executed this amendment as of the date and year last written below.

Board of Yakima County Commissioners

Gray & Osborne, Inc.

Ron Anderson, Chairman



Michael Johnson, President

Amanda McKinney, Commissioner

1/29/21

Date

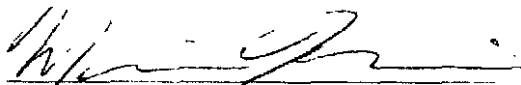
LaDon Linde, Commissioner
*Constituting the Board of County Commissioners
for Yakima County, Washington*

DATED FEB 09 2021

Attest:

Julie Lawrence, Clerk of the Board or
Linda Kay O'Hara, Deputy Clerk of the Board

APPROVED AS TO FORM:



Deputy Prosecuting Attorney

EXHIBIT “A”

SCOPE OF WORK

YAKIMA COUNTY BUENA WASTEWATER TREATMENT FACILITY

ADDITIONAL SERVICES BUENA WWTF COATING FACILITY PLAN AMENDMENT NO. 1

BACKGROUND BUENA WWTF COATING CONSTRUCTION ADMINISTRATION

Gray & Osborne, Inc. is currently under Contract to provide engineering services for the design and construction of the Buena WWTF Coating Project.

SCOPE OF SERVICES

This Scope of Work presents the additional professional engineering services request by Yakima County for completing the Construction Administration services for the Buena WWTF Coating project.

The additional engineering design and construction administration services were required due to the following:

- Project management and engineering related to additional inspection and an extended County schedule.
- Additional NACE III subconsultant inspections related to the following:
 - Inspection to watch the pressure washing due to concerns of potentially removing enough material to cause leakage.
 - Conditions inside the tank were not what was expected once the tank was pressure washed and the loose material removed. Several adjustments were made and direction provided as to where the coatings were to be applied.
 - The degradation of the concrete around the openings in the lid of the tank was more significant than expected, an additional site visit for marking those areas was completed.
 - An additional site visit for the surface prep and delineation of where the minor surface repair was to be conducted versus just coating the surface. The visit was intended to try and reduce the minor surface repair areas as much as possible thereby reducing overall costs.
 - Site visits related to repair mortar failure.

BUDGET

The maximum amount payable to Gray & Osborne for the completion of work associated with this Scope of Work, including contingencies, salaries, and overhead direct non-salary costs and net fee shall be \$8,505.

BACKGROUND FACILITY PLAN AMENDMENT NO. 1

In December 2018, Gray & Osborne, Inc. completed the Buena Wastewater Treatment Facility Plan for Yakima County (County) to address operating issues that had been identified in the 2015 Buena WWTF Engineering Report. The County is currently addressing issues in the recirculation tanks by repairing and coating the deteriorated concrete, but additional necessary improvements have been identified during this project. The additional improvements include the following:

- Addition of a carbon scrubber for the recirculation tanks.
- SCADA improvements.
- Additional scope as related to the current recoating project. The two main additions to the project are the removal of approximately 30,000 gallons of biosolids and the installation of two drop bowls in each recirculation tank.

This scope of work provides for a Facility Plan Amendment in the form of a technical memorandum to describe the scope of the additional improvements. This technical memorandum will be used as an amendment to the Facility Plan as required to apply for Ecology funding to complete the additional improvements.

SCOPE OF SERVICES

Task No. 1 – Project Management

- This task will incorporate overall project management, as well as in-house quality assurance and quality control (QA/QC) reviews of the technical memorandum in order to address the relevant issues that may affect the project. The project management task also covers oversight of the project schedule and budget.

Task No. 2 – Technical Memorandum

Submittals

The following submittals shall be provided to Yakima County staff for review and approval:

- Technical Memorandum at 90 percent completion for review.
- Final Technical Memorandum

The Engineer will review the documents with the County and obtain comments and suggested revisions.

Technical Memorandum

- The Engineer will prepare a technical memorandum and construction cost estimates for the additional WWTF improvements. This memorandum and the construction cost estimates will be required to update the facility plan to apply for additional Ecology funding for the WWTF improvements.
- The base scope of the technical memorandum is assumed to include the following:
 - Addition of a carbon scrubber for each recirculation tank.
 - SCADA improvements.
 - Additional scope as related to the current recoating project. The two main additions to the project are the removal of approximately 30,000 gallons of biosolids and the installation of two drop bowls in each recirculation tank.

SCOPE EXCLUSIONS

Following are items specifically excluded by this scope of work. As required, these may be added by amendment at a future date:

- Investment Grade Efficiency Audit (IGEA)
- Work related to the development of an asset management program
- SERP Documentation (it is understood that the SERP that was completed as part of the Facility Plan will comply with the funding requirements).
- PLS or survey assistance.

BUDGET

The maximum amount payable to Gray & Osborne for the completion of work associated with this Scope of Work, including contingencies, salaries, and overhead direct non-salary costs shall be as shown in the attached Exhibit "B", \$3,453.

EXHIBIT "B"

ENGINEERING SERVICES SCOPE AND ESTIMATED COST

Yakima County - Technical Memorandum for Additional Buena WWTF Improvements

Tasks	Principal Hours	Project Manager Hours	Project Engineer Hours
Project Management	2	2	
Technical Memorandum		2	9
Hour Estimate:	2	4	9
Fully Burdened Billing Rate Range:*	\$138 to \$205	\$125 to \$205	\$119 to \$148
Estimated Fully Burdened Billing Rate:*	\$158	\$155	\$133
Fully Burdened Labor Cost:	\$316	\$620	\$1,197

Total Fully Burdened Labor Cost:	\$	2,133
Direct Non-Salary Cost:		
Mileage & Expenses (Mileage @ current IRS rate)	\$	-
Subconsultant:		
Conley Engineering (SCADA)	\$	1,200
Subconsultant Overhead (10%)	\$	120
Total Estimated Cost - Technical Memorandum:	\$	3,453
Total Estimated Cost - Construction Management Services:	\$	8,505
TOTAL ESTIMATED COST:	\$	11,958

* Actual labor cost will be based on each employee's actual rate. Estimated rates are for determining total estimated cost only. Fully burdened billing rates include direct salary cost, overhead, and profit.