



CITY OF CAMAS
PROFESSIONAL SERVICES AGREEMENT
Amendment No. 2

616 NE 4th Avenue
Camas, WA 98607

Project No. WTR23002

343 ZONE (BUTLER REPLACEMENT) RESERVOIR DESIGN

THIS AMENDMENT ("Amendment") to Professional Services Agreement is made as of the ___ day of ___, 202___, by and between the City of Camas, a municipal corporation, hereinafter referred to as "the City", and Gray and Osborne Inc. hereinafter referred to as the "Consultant", in consideration of the mutual benefits, terms, and conditions hereinafter specified. The City and Consultant may hereinafter be referred to collectively as the "Parties."

The Parties entered into an Original Agreement dated October 25,2024 by which Consultant provides professional services in support of the Project identified above. Except as amended herein, the Original Agreement shall remain in full force and effect.

- 1. Scope of Services. Consultant agrees to perform additional services as identified on Exhibit "A" (Amended Scope of Services) attached hereto, including the provision of all labor, materials, equipment, supplies and expenses, for an amount not-to-exceed \$664,200.
a. [] Unchanged from Original/Previous Contract
2. Time for Performance. Consultant shall perform all services and provide all work product required pursuant to this Amendment by:
a. [X] Extended to December 31, 2027.
b. [] Unchanged from Original/Previous Contract date of ___, 20__
Unless an additional extension of such time is granted in writing by the City, or the Agreement is terminated by the City in accordance with Section 18 of the Original Agreement.
3. Payment. Based on the Scope of Services and assumptions noted in Exhibit "A", Consultant proposes to be compensated on a time and material basis per Exhibit "B" (Costs for Scope of Services) with a total estimated not to exceed fee of:
a. Previous not to exceed fee: \$157,097.00
b. Amendment No. 2 \$664,200
c. Total: \$821,297
d. Consultant billing rates:
[X] Modification to Consultant Billing Rates per Exhibit "C" attached herein
[] Unchanged from Original/Previous Contract

4. Counterparts. Each individual executing this Agreement on behalf of the City and Consultant represents and warrants that such individual is duly authorized to execute and deliver this Agreement. This Agreement may be executed in any number of counter-parts, which counterparts shall collectively constitute the entire Agreement.

DATED this _____ day of _____, 20__.

CITY OF CAMAS:

CONSULTANT:

Authorized Representative

By: _____

By: _____

Print Name: _____

Print Name: _____

Title: _____

Title: _____

Date: _____

**EXHIBIT “A”
AMENDED SCOPE OF SERVICES**

EXHIBIT A

SCOPE OF WORK

CITY OF CAMAS 343 ZONE RESERVOIR DESIGN

PROJECT UNDERSTANDING

The City of Camas (City) desires to construct a new reservoir near the cemetery to serve the 343 Zone. This tank is intended to eventually replace the Butler Reservoir. Gray & Osborne was previously contracted to provide an alternatives analysis and project report for selecting the site and the size of the reservoir. The final project report is expected to be completed in early summer 2026.

Based on the findings of the alternatives analysis, the City has chosen to install a welded steel standpipe at the site north of the cemetery. The minimum effective storage required for the reservoir is 1.3 million gallons (MG), but the City has indicated they would like to include storage to meet the expected growth beyond the 20-year planning period, so a reservoir with 1.9 MG of effective storage is proposed. The proposed reservoir will be approximately 150 feet tall with a diameter of 86 feet, with a total volume of 6.4 MG. The reservoir is anticipated to be an anchored reservoir with a dome roof and with seal welding on all interior surfaces. The reservoir design will conform to American Water Works Association (AWWA) and City standards and the International Building Code (IBC). The reservoir will have accessories such as a spiral staircase, interior platform, handrails, roof vent, and sample taps. The inlet and outlet will be located at separate locations to facilitate mixing and a passive mixing system, such as a Tideflex Technologies system, will be considered to maintain water quality in the tank. The inlet and outlet plumbing will be designed with flexible fittings to accommodate seismic movement.

The reservoir will be connected to the 343 Zone piping with a transmission main to the existing 18-inch main that is aligned up the cemetery drive and to the west to 22nd Avenue. The transmission main and connection are included in this design Scope of Work.

In addition to the reservoir, the City has indicated that a mower wash facility will be included at the site as part of the project.

The Contract Documents for the new 6.4 MG 343 Zone Reservoir Design Project will include Plans, CSI format Specifications, and a Cost Estimate. The Contract Documents will be prepared to include comments from the City and the Washington State Department of Health (DOH) reviews for bidding and constructing the project. Assistance will be provided during the bidding and awarding of the project.

Some of the preliminary engineering and site items were either completed or partially completed during the Project Report Scope of Work. A summary of these items follows.

Site Survey

A site survey of the parcel to the north of the cemetery was conducted including the location of the 18-inch transmission main. No further survey is expected unless the City decides to connect the reservoir to a different location in the distribution system, in which case, additional survey can be provided under a separate Scope of Work.

Cultural Resource Assessment

An initial Cultural Resource Assessment of the reservoir site was conducted, and a small artifact was discovered, which necessitated more fieldwork. The additional fieldwork was conducted under the initial budget and revealed no further artifacts. The Archaeologist is still required to provide a report. The effort to provide the report is included in this Scope of Work since it was outside the original Scope of Services from the Project Report.

There may be a need for some additional Cultural Assessment and Monitoring Tasks during construction. These have not been included in this Scope of Work and will be determined prior to construction under a separate Contract.

Geotechnical Report

A draft geotechnical report was prepared for the site including boreholes and pits. This Scope of Work includes some additional geotechnical work related to the specific design of the foundation. A final geotechnical report will be issued after the reservoir foundation design has been reviewed by the Geotechnical Engineer.

Environmental Review

A Phase 1 Environmental Assessment was conducted in March 2026 and indicated no apparent environmental issues with the proposed reservoir site.

Predesign Report

A project report fulfilling the requirements of Washington Administrative Code (WAC) 246-290-110 outlining the design parameters is being prepared under a previous Contract so no further project report tasks are included in this Scope of Work.

SCOPE OF WORK

Task 1 – Project Management

Provide overall project management and oversight of resources and deliverables to ensure timely delivery and coordination of project elements. Work includes procuring and maintaining sufficient resources, overseeing budget and schedule, and assisting in the timely delivery of engineering products per the Contract.

Task 2 – Additional Cultural Resource Work

Perform additional archaeological work to address the discovery of a pre-contact artifact found in the previous work. This work will include the boundary delineation of the archaeological discovery and the required reporting to the Washington State Department of Archaeology and Historic Preservation (DAHP). This work will be performed by Archaeological Investigations Northwest, Inc. as a subconsultant to Gray & Osborne.

Task 3 – Finalize Geotechnical Report

Review the final foundation design and provide a final geotechnical report for the project based on the geotechnical field work and draft report provided under the previous Contract. The geotechnical work will be completed by PanGEO, Inc. as a Subconsultant to Gray & Osborne.

Task 4 – Design Engineering Services

Complete civil, electrical, and structural engineering design of the 343 Cemetery Reservoir. This task includes completing the engineering analysis and calculations necessary to complete the design. This task also includes the preparation of detailed Plans, Specifications, and Cost Estimates to adequately describe the work for a public works contractor under a competitive bid. Gray & Osborne will provide the following services to complete this Task.

- A. Prepare 50 Percent Plans and Cost Estimate – Prepare 50 Percent Plans and Construction Cost Estimates for the project. Plans will include Preliminary Civil, Mechanical, and Structural Sheets, including Building Civil, Mechanical, and Structural Plans and Preliminary Details. A Specification outline will be submitted. 50 Percent Plans and Cost Estimates will be submitted to the City for review and comment. Gray & Osborne will meet with City staff to complete a facilitated review of the Plans.

- B. Prepare 90 Percent Plans and Cost Estimate – Prepare 90 Percent Plans, Specifications, and Construction Cost Estimates for the project. City comments from the 50 Percent Submittal will be addressed. Plans and Specifications, including electrical, will be near completion. Specifications will be prepared in CSI format with applicable City Contract forms. 90 Percent Plans, Specifications, and Cost Estimates will be submitted to the City for review and comment. Gray & Osborne will meet with City staff to review any comments.
- C. Prepare Final Plans, Specifications, and Cost Estimate – Prepare Final Plans, Specifications, and Construction Cost Estimates for the project. City comments from the 90 Percent Submittal will be addressed. Plans and Specifications will be suitable for Public Works bid. Specifications will be prepared in CSI format with applicable City General Conditions and Contract forms. Final Plans, Specifications, and Cost Estimates will be submitted to the City for regulatory approval and distribution to Contractors.

Task 5 – Complete Quality Assurance/Quality Control Review

Conduct quality assurance/quality control reviews (50 percent and 90 percent completion levels) of the Design Documents to review critical project milestones, constructability, deliverables, permitting issues, regulatory approvals, cost, methods, and materials to be employed during construction and environmental concerns. Provide this review by both project and non-project engineers, experienced in the design of similar project facilities. Document the review comments and revise the Design Documents to incorporate these comments.

Task 6 – Prepare Permit Applications

Gray & Osborne will assist the City in the preparation of permit applications for the project including the following items.

- A. Washington State Department of Health Construction Document review and approval.
- B. City of Camas Clearing, Grading, and Building Permit.
- C. City of Camas Conditional Use Permit.
- D. Washington State Department of Ecology Construction Stormwater General Permit.

It is also anticipated that some public outreach may be required. Gray & Osborne will assist in public outreach by preparing three renderings of the finished reservoir to provide a visual representation of three possible paint schemes.

Task 7 – Bid and Award Assistance

Assist the City with the bid and award process for the project. Participate in a pre-bid walkthrough. Respond to bidder inquiries. Prepare addenda as necessary. Review bid results and bidder qualifications. Prepare an Award for Recommendation for the City.

Task 8 – Meetings and Site Visits

Attend onsite meetings with City staff and stakeholders during development of Plans and Specifications to discuss project issues and review draft deliverables. Prepare exhibits for communication with the public and stakeholders.

- A. Project Kickoff Meeting.
- B. 50 Percent Design Review Meeting.
- C. 90 Percent Design Review Meeting.

In addition to the aforementioned design team meetings listed, it is anticipated that the Project Manager and two other engineering staff will participate in twelve 1-hour remote checkin meetings during design, for a total of twelve meetings for three people.

DELIVERABLES

The following deliverables shall be provided to the City for review and approval.

- 1. Plans and Specifications – Five paper copies (half-size Plans) of each submittal as well as electronic files.

ASSUMPTIONS

- 1. No further survey is required.
- 2. No further cultural resource sitework will be required.
- 3. All Permit costs will be borne by the City.
- 4. Construction management services have not been included in this Proposal. An amendment to this agreement for construction management services will be negotiated with the City after design services are

complete, and will be prepared for review and approval, if desired by the City.

BUDGET

The maximum amount payable to the Engineer for completion of all work associated with this Scope of Work, including contingencies, salaries, overhead, direct non-salary costs, and net fee shall be as shown in the attached Exhibit B. This amount shall not be exceeded without prior written authorization of the City.

**EXHIBIT “B”
AMENDED COSTS FOR SCOPE OF SERVICES**

EXHIBIT B

**ENGINEERING SERVICES
SCOPE AND ESTIMATED COST**

CITY OF CAMAS - 343 ZONE RESERVOIR DESIGN

Tasks	Principal Hours	Project Manager Hours	Project Engineer Hours	Civil Engineer Hours	Structural Engineer Hours	Electrical Engineer Hours	Engineer-In-Training Hours	AutoCAD/ GIS Technician/ Engineer Intern Hours
1 Project Management	8	80						
2 Additional Cultural Resource Work			2	2				
3 Finalize Geotechnical Report		2	2	2	12			
4 Design Engineering Services								
A. Prepare 50 Percent Design Submittal	12	80	200	240	180	60	120	400
B. Prepare 90 Percent Design Submittal	8	60	100	120	120	120	120	400
C. Prepare Final Design Submittal	32	32	44	36	40	22	40	120
5 Complete QA/QC Review	12	12	12	12	12	8		
6 Prepare Permit Applications	12	36	56	84	120		40	24
7 Bid and Award Assistance		12	16	16	8	8		12
8 Meetings and Site Visits		36	24	24	8	4		
Hour Estimate:	84	350	456	536	500	222	320	956
Fully Burdened Billing Rate Range:*	\$170 to \$270	\$170 to \$270	\$150 to \$210	\$140 to \$190	\$120 to \$245	\$120 to \$245	\$110 to \$180	\$70 to \$190
Estimated Fully Burdened Billing Rate:*	\$265	\$260	\$205	\$180	\$225	\$225	\$145	\$145
Fully Burdened Labor Cost:	\$22,260	\$91,000	\$93,480	\$96,480	\$112,500	\$49,950	\$46,400	\$138,620

Total Fully Burdened Labor Cost: \$ 650,690

Direct Non-Salary Cost:

 Mileage & Expenses (Mileage @ current IRS rate) \$ 814

Subconsultant:

 Archaeological Investigations Northwest, Inc. \$ 9,042

 PanGEO, Inc. \$ 2,500

 Subconsultant Overhead (10%) \$ 1,154

TOTAL ESTIMATED COST: \$ 664,200

* 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.

**EXHIBIT “C”
CONSULTANT BILLING RATES**

EXHIBIT "C"

GRAY & OSBORNE, INC.

**PROFESSIONAL ENGINEERING SERVICES CONTRACT
FULLY BURDENED BILLING RATES*
THROUGH JUNE 30, 2027****

<u>Employee Classification</u>	<u>Fully Burdened Billing Rates</u>		
AutoCAD/GIS Technician/Engineering Intern	\$ 75.00	to	\$198.00
Electrical Engineer	\$125.00	to	\$255.00
Structural Engineer	\$125.00	to	\$250.00
Environmental Technician/Specialist	\$105.00	to	\$190.00
Engineer-In-Training	\$115.00	to	\$180.00
Civil Engineer	\$145.00	to	\$195.00
Project Engineer	\$155.00	to	\$220.00
Project Manager	\$165.00	to	\$283.00
Principal-in-Charge	\$180.00	to	\$283.00
Field Inspector	\$125.00	to	\$205.00
Field Survey Member	\$85.00	to	\$160.00
Professional Land Surveyor	\$150.00	to	\$230.00
Secretary/Word Processor***	N/A		

* Fully Burdened Billing Rates include overhead and profit.

** Updated annually, together with the overhead.

All actual out-of-pocket expenses incurred directly on the project are added to the billing. The billing is based on direct out-of-pocket expenses; meals, lodging, laboratory testing and transportation. The transportation rate is \$0.70 per mile or the current maximum IRS rate without receipt IRS Section 162(a).

*** Administration expenses include secretarial and clerical work; GIS, CADD, and computer equipment; owned survey equipment and tools (stakes, hubs, lath, etc. – Note: mileage billed separately at rate noted); miscellaneous administration tasks; facsimiles; telephone; postage; and printing costs, which are less than \$150.