



CITY OF CAMAS
PROFESSIONAL SERVICES AGREEMENT
Amendment No. 2

616 NE 4th Avenue
Camas, WA 98607

Project No. W1022

FOREST HOME BOOSTER STATION IMPROVEMENTS

THIS AMENDMENT ("Amendment") to Professional Services Agreement is made as of the ___ day of ___, 20___, by and between the City of Camas, a municipal corporation, hereinafter referred to as "the City", and Gray & 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 May 19, 2020, 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.

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, 2023

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: \$48,294

b. Amendment No. 2: \$287,200

c. Total: \$335,494

d. Consultant billing rates:

[] Modification to Consultant Billing Rates per Exhibit "C" attached herein

[x] Unchanged from Original 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: Michael B. Johnson, P.E. _____

Title: _____

Title: President _____

Date: 12/7/21 _____

EXHIBIT A

SCOPE OF WORK

CITY OF CAMAS FOREST HOME BOOSTER STATION AMENDMENT 2

The City of Camas owns and operates the Forest Home Booster Station, a facility that can pump approximately 500 gpm from the City's 343 Downtown Zone to the 455 Lower Prune Hill Zone. The facility is undersized and not expandable. The City would like to expand the facility to allow for 1,000 to 1,500 gpm with possible future expansion to 2,000 gpm.

Over the past few months, the City has been investigating potential sites for the larger Forest Home Booster capable of delivering 1,500 gpm to the 455 Lower Prune Hill Zone from the 343 Zone. Gray & Osborne provided an analysis of several potential sites and recommendation for a new site located adjacent Division Street and uphill from NE 6th Avenue. The City has begun negotiations with Georgia Pacific for purchase of the property. It is anticipated that the new facility will connect to the existing water system grid by connecting to 12-inch waterline in NE 6th that the City installed a few years ago. The 12-inch piping extends to the intersection of 6th and Ash where it ties into 6-inch piping on NW 7th that currently feeds the Forest Home Booster Station. The outlet of the existing Forest Home Booster is 6-inch piping up Drake to a 12-inch line at NW 10th Avenue. It is anticipated that the piping along NW 6th or NW 7th and Drake and will be upsized to 12- or 14-inch to accommodate more flow. Alternatively, a new booster station waterline could be routed up Division Street to 455 Zone piping at the top of the hill.

The site survey for the parcel and the site geotechnical work has already been completed. Survey and geotechnical work for the waterline have not yet been completed and would be included in this contract.

The City would like assistance with the design of the new booster station and related piping.

Gray & Osborne proposes to provide the following services to complete the design and permitting for this project.

TASK 1 – PROVIDE PROJECT MANAGEMENT

Provide project management services for the project. This task will include coordinating and managing the schedule and budget for the project team and subconsultants. The City will be provided with budget updates on a monthly basis.

TASK 2 – PROVIDE SITE PLAN FOR SITE ACQUISITION

Provide a site plan of the proposed site based upon existing site survey to assist the City in negotiating with the mill for acquisition.

Once the proposed parcel boundaries are determined, Gray & Osborne will provide a legal description of the proposed parcel.

TASK 3 – PREPARE PROJECT REPORT

Prepare a Project Report meeting the requirements of WAC 246-290-110 for the project including the following tasks:

- A. Develop preliminary design criteria for the booster station, including verifying sizing.
- B. Evaluate project alternatives including an evaluation of pipeline alignments including both the proposed alignment along NW 6th or NW 7th Avenue and Drake Street as well as an alternate alignment up Division to determine the optimal alignment from both an operations and constructability standpoint. An alignment recommendation will be provided.
- C. Develop preliminary booster station layouts.
- D. Develop preliminary cost estimates for the project.
- E. Submit draft predesign report to the City for review.
- F. Make revisions and prepare final predesign report.

TASK 4 – COMPLETE TOPOGRAPHIC SURVEY OF PIPELINE ALIGNMENT

Complete a site topographic survey of the proposed pipeline alignment that ties in to the existing site survey using the City's standard vertical and horizontal data.

TASK 5 – COMPLETE GEOTECHNICAL ANALYSIS OF PIPELINE ALIGNMENT

Complete a geotechnical analysis of the proposed pipeline alignment that ties in to the existing site survey using the City's standard vertical and horizontal data.

TASK 6 – COMPLETE ENGINEERING DESIGN

Complete civil, structural, and electrical engineering design of the project. This task includes completing the engineering analysis and calculations necessary to complete the design. This task also includes preparation of detailed plans, specifications, and cost estimates to adequately describe the work for a public works contractor. The project will include 30 percent, 60 percent, 90 percent, and final submittals. Gray & Osborne will provide the following services to complete this task.

A. Prepare 30 Percent Submittal

Prepare 30 percent plans, specifications, and construction cost estimates for the project. Plans and specifications will be suitable for public works bid. Specifications will be prepared in CSI format. Thirty percent plans, specifications, and cost estimates will be submitted to the City for review and comment. Gray & Osborne will meet with the City to review any comments.

B. Prepare 60 Percent Submittal

Prepare 60 percent plans, specifications, and construction cost estimates for the project. Plans and specifications will be suitable for public works bid. Specifications will be prepared in CSI format. Sixty percent plans, specifications, and cost estimates will be submitted to the City for review and comment. Gray & Osborne will meet with the City to review any comments.

C. Prepare 90 Percent Submittal

Prepare 90 percent plans, specifications, and construction cost estimates for the project. Plans and specifications will be suitable for public works bid. Specifications will be prepared in CSI format. Ninety percent plans, specifications, and cost estimates will be submitted to the City for review and comment. Gray & Osborne will meet with the City to review any comments.

D. Prepare Final Submittal

Prepare final plans, specifications, and construction cost estimates for the project. Plans and specifications will be suitable for public works bid. Specifications will be prepared in CSI format. Final plans, specifications, and cost estimates will be submitted to the Agencies for regulatory approval and will be distributed to contractors.

TASK 7 – ASSIST WITH PERMIT APPLICATIONS

The City of Camas will take the lead in preparing permit applications. Gray & Osborne will support the City by attending the pre-application meeting and with preparation of design calculation packages, figures, and exhibits. Anticipated permit applications include the following:

- Washington State Department of Health Project Approval
- City of Camas Building Permit
- City of Camas Fill and Grade Permit
- City of Camas Tree Permit
- City of Camas Conditional Use Permit
- City of Camas Demolition Permit

Permit application and review fees have not been included in this scope of work. It has been assumed that these will be paid directly by the City.

TASK 8 – COMPLETE QA/QC REVIEW

Conduct Quality Assurance/Quality Control reviews of the Project Report, 30 percent submittal, 60 percent submittal, 90 percent submittal, and final submittal for the project.

TASK 9 – PROVIDE BID AND AWARD SUPPORT

We understand that the City will take the lead with bid and award of the project. Gray & Osborne will provide the following services to support the City with bid and award process:

- A. Distribute bid documents to contractors and plan centers using the Gray & Osborne bid distribution website or by the electronic website of the City's choosing.
- B. Attend one prebid walkthrough meeting.
- C. Respond to contractor inquiries and assist with preparation of addenda as necessary.
- D. Review project bid information and provide a recommendation of award to the City.

TASK 10 – ATTEND MEETINGS AND SITE VISITS

Attend meetings with City staff during development of the plans and specifications to discuss project issues and review draft deliverables. Complete a site visit to verify site conditions. The following meetings have been assumed:

- Kickoff Meeting and Site Visit
- Predesign Report Meeting including review meeting with Operations Staff
- 30 percent Design Review Meeting including review meeting with Operations Staff
- 60 percent Design Review Meeting including review meeting with Operations Staff
- 90 percent Design Review Meeting including review meeting with Operations Staff
- City preapplication permit meeting

Kick off meeting, design review meetings, and preapplication meeting are assumed to be in person. Other meetings are assumed to be conducted by conference call or video conference.

ASSUMPTIONS

1. Costs of permit and application fees have not been included. It has been assumed that these fees will be paid directly by the City.
2. Costs for cultural resources survey have not been included since the site has been previously disturbed. If this is required, it can be contracted directly to the City or added as an amendment.
3. The City will negotiate with Georgia Pacific for obtaining the site parcel. Gray & Osborne will provide support materials as shown in the scope of work but will not participate in the site negotiations.
4. The project plans will include provisions for demolition of the existing Forest Home Booster Station.
5. Gray & Osborne will coordinate on system controls with the City's integrator, S&B Stead and Associates (S&B). It is anticipated that S&B will provide instrumentation and motor control centers, as well as control system design and programming. While Gray & Osborne will coordinate with S&B, S&B's work will be under a separate contract.

DELIVERABLES

- Draft Project Report – Electronic copy
- Final Project Report – Electronic copy and one paper copy
- 30 Percent Submittal – Electronic copy
- 60 Percent Submittal – Electronic copy
- 90 Percent Submittal – Electronic copy
- Final Submittal – Electronic copy and three paper copies

ANTICIPATED SCHEDULE

The anticipated schedule is as follows:

Notice to Proceed.....	November 1, 2021
Submit Predesign Report	April 30, 2022
Submit 30 Percent Plans and Specifications	June 1, 2022
Submit 60 Percent Plans and Specifications	July 15, 2022
Submit 90 Percent Plans and Specifications	August 31, 2022
Submit Final Plans and Specifications.....	October 31, 2022

BUDGET

The estimated cost to complete the above scope of work is \$287,200 as shown in the attached Exhibit B.

EXHIBIT B

**ENGINEERING SERVICES
SCOPE AND ESTIMATED COST**

City of Camas - Forest Home Booster Station Amendment 2

Tasks	Principal Hours	Project Manager Hours	Civil Engineer Hours	Structural Eng. Hours	Electrical Eng. Hours	Engineer-in-Training Hours	AutoCAD Tech. Hours	Professional Land Surveyor Hours	Field Survey Hours (2 person)
1 Provide Project Management		40							
2 Provide Site Plan for Site Acquisition		2	8				8	8	
3 Prepare Project Report	2	8	120	8	8	80	80		
4 Complete Topographic Survey for Pipeline		2	4				4	10	36
5 Complete Geotech Analysis for Pipeline		2	6			8			
6 Complete Engineering Design									
A. Prepare 30 Percent Plans, Specifications and Cost Estimate	4	16	60	8	8	40	160		
B. Prepare 60 Percent Plans, Specifications and Cost Estimate	4	16	60	16	40	4	160		
C. Prepare 90 Percent Plans, Specifications, and Cost Estimate	4	16	60	40	120	24	160		
D. Prepare Final Plans, Specifications and Cost Estimate	2	8	40	32	80	24	100		
7 Assist with Permit Applications		2	40	16	4	60			
8 Complete QA/QC Review	12	12	12	12	12				
9 Bid and Award Support		4	4	2	2		4		
10 Attend Meetings and Site Visits	32	40	24	8	8	16			
Hour Estimate:	60	168	438	142	282	256	676	18	36
Fully Burdened Billing Rate Range:*	\$140 to \$213	\$130 to \$213	\$105 to \$145	\$110 to \$171	\$120 to \$190	\$92 to \$141	\$50 to \$140	\$118 to \$163	\$166 to \$248
Estimated Fully Burdened Billing Rate:	\$190	\$180	\$125	\$135	\$175	\$105	\$95	\$163	\$205
Fully Burdened Labor Cost:	\$11,400	\$30,240	\$54,750	\$19,170	\$49,350	\$26,880	\$64,220	\$2,934	\$7,380

Total Fully Burdened Labor Cost:	\$ 266,324
Direct Non-Salary Cost:	
Mileage & Expenses (Mileage @ IRS Rate)	\$ 2,000
Printing	\$ 330
Subconsultant:	
Pangeo, Inc. - Geotechnical	\$ 16,860
Subconsultant Overhead (10%)	\$ 1,686
TOTAL ESTIMATED COST:	\$ 287,200

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