

Thursday, January 15, 2015

Mr. Steve Wall, PE
Utilities Manager
City of Camas
1620 SE Eighth Avenue
Camas, WA 98607

Subject: Preliminary Engineering North Urban Growth Area Sewer Service Alternative
Analysis – Supplemental Budget

Dear Mr. Wall:

We are pleased to have the opportunity to submit a supplement budget to the City of Camas (City) for additional professional engineering services for the North Urban Growth Area (NUGA) Sewer Service Alternatives Analysis project. There are several components of the project that BergerABAM will need to provide additional analysis and additional time to complete. The supplemental budget will be used to complete the review and development of a Phase 1 program and a future phasing program for sewer system assessment including system layout, pumping analysis, cost estimating, schedule, and meetings with the City and development community.

SCOPE OF WORK

Task 1: Project Management

This task includes budget and scope monitoring, internal meetings, internal staff scheduling, communications with the City, and invoicing. The task also includes the establishment of a quality assurance/quality control (QA/QC) plan and its implementation during the analysis process.

Task 1 Fee:

\$500

Task 2: NUGA Phase 1

There are a number of proposed land use developments within the NUGA project area that are currently in various stages of design. BergerABAM with the help of the City will coordinate with these developers/developments and review and evaluate the potential for phasing a sewer system design (Phase 1). The supplemental budget will be used for a more detailed review of Phase 1 project and connecting the system to the existing 10 inch STEP main in Everett. We will evaluate assumptions of the anticipated sewer flows and costs to provide service. We will work closely with City staff in the analysis of the capacity and pressure available 10 inch STEP main. Work will include the preparation of a NUGA Phase 1 schedule for design, permitting and construction, and meetings with the City and development representatives. We will summarize

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our work in a memorandum, which will provide an overview of NUGA phase 1 activities and anticipated capital needs associated with a phased approach.

Task 2 Fee: \$12,000

Task 3: Programing Future Phases

If work completed in Task 2 indicates the ability to phase the project, BergerABAM will work with City staff in preparing a phasing schedule for future years. System upgrades will be required as the NUGA area continues to develop in the future and Phase 1 infrastructure reaches capacity. Work will include the development of a high level program and schedule for system improvements up to full build-out. We will summarize our work in a memorandum, which will provide an infrastructure implementation schedule.


Task 3 Fee: \$7,000

COST ESTIMATE

Professional fees noted above total **\$19,500** will be incurred on a not to exceed time and materials basis for these initial scope of services.

Should you wish to accept this proposal, please sign below indicating your authorization to proceed and agreement to the terms and conditions contained herein. This proposal is valid for 30 days. We look forward to working with you. If you have questions, please call me at 360/823-6126. We want to be of service.

Sincerely,



Sam Adams, Senior Project Manager

**ACCEPTED BY
BergerABAM**



Signature

Sam Adams

Name (Printed)

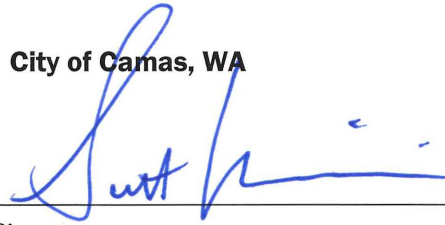
Senior Project Manager

Title

January 15, 2015

Date

City of Camas, WA



Signature

SCOTT HIGGINS

Name (Printed)

MAYOR

Title

1/20/15

Date