

Committee Members

Councilmember Chris Moore
Councilmember John Williams
City Administrator Scott Larson
City Clerk Kim Agfalvi
Capital Projects Manager John Bielka
Finance Director Gretchen Russo
Engineer JC Hungerford
Admin Asst. Laura Hinds
Records Organizer Alison Williams
Building Official Tim Lincoln

City of Orting Public Works Committee
AGENDA



Wednesday, March 1, 2023 – 2:30 p.m.
Public Works Operations Facility, Conference Rm, 900 Rocky Rd NE

- Call Meeting to Order, Roll Call
- Approval of Minutes
- Public Comment & Presentations –Resident Corrinne Reiquam

DEPARTMENT REPORTS

Est. Time Action

<p>1. ENGINEERING Updates– JC Hungerford 1.1 Whitehawk Blvd Extension 1.2 Kansas St SW Reconstruction 1.3 Village Green Outfall 1.4 Kansas Outfall/Calistoga St W Stormwater Improvements 1.5 Orting Emergency Evacuation Bridge System</p> <p>NEW BUSINESS – 1.6 NPDES SMAP Phase 3</p>		Minimal Update
<p>2. PROJECT MANAGEMENT – John Bielka 2.1 Water Resource Recovery Facility Upgrade – Capital Project Advisory Board Application</p> <p>NEW BUSINESS 2.2 RAISE Grant Application for Kansas Street 2.3 Sewer Relining</p>	Min 15	
<p>3. PUBLIC WORKS – Scott Larson 3.1 Well #1 – Filter Media 3.2 Well #3 – Injection Skid Installation 3.3 Daffodil Parade Prep 3.4 Water Testing Audit</p> <p>NEW BUSINESS – 3.5 Mini Excavator Purchase 3.6 Well #3, Wingate & Harman Springs – New CL2 Analyzer Installations</p>	15	

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AGENDA



4. FINANCE – Gretchen Russo 4.1	Min	
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5. COUNCIL – CM Bradshaw & CM Williams 5.1	Min	
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REQUEST FOR NEW BUSINESS

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ROUND TABLE

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MEETING SUMMARY

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PUBLIC WORKS AGENDA REPORT REQUEST

Old Business

DEPARTMENT: Project Management

Topic	Summary	Time Needed
WRRF Upgrade	Capital Project Advisory Board Application	5

New Business:

Topic	Summary	Time Needed
Kansas St SW	RAISE Grant Application	3

Topic	Summary	Time Needed
Sewer Relining	Attachment	3

SCOPE OF WORK

City of Orting 2023 CIPP Relining Design

INTRODUCTION

The City of Orting has historically experienced high flow rates during the wet weather months at the Wastewater Treatment Plant. In 2018, the City performed a survey of the sanitary sewer collection system, which included videotaping. Through this survey, areas of high infiltration and inflow were identified and ranked based on severity. Seven of the locations that were ranked highly are between Manhole 402 and Manhole 403 on Eldredge Avenue SW, between Manholes 208 and 208A on Rainier Lane NE, between Manhole 205 and 206 on Bowlin Avenue NE, between Manhole 307 and 327 on Bridge Street SE, between Manhole 412A and 412B on Kensington Avenue SW and between 301B and 301C on Factory Street SS. Parametrix will provide engineering services in order to complete design, prepare a SEPA checklist, and bid the rehabilitation of approximately 602 linear feet (LF) of 8-inch sewer main and sewer laterals. In addition, all fourteen manholes will be rehabilitated if deemed necessary during field visits.

TASK 01 – PROJECT MANAGEMENT

Objectives

The objective of this task is to provide overall project management of the consultant contract with the City of Orting.

This task includes general management functions that include the following:

- Project Planning – Document and communicate the scope of work, budget, and schedule as a road map for the project team. Coordinate project team and issues throughout the project.
- Budget and Schedule Tracking – Track the project budget using Parametrix in-house tools to verify that progress is keeping pace with spending.
- Monthly Progress Reports – Prepare a monthly invoice for services performed by Parametrix.
- Correspondence – Prepare written correspondence as needed to document project management issues and/or concerns.

Deliverables

Deliverables for this task include:

- Miscellaneous correspondence to document project management issues.
- Monthly progress reports enclosed with invoices.

Assumptions

Assumptions for this task include:

- Project duration is 2 months.

TASK 02 – DATA COLLECTION AND ANALYSIS

Objective/Goal

This task will include the review of the video and inspection for the sanitary sewer mains listed above. Field inspections of all manholes will be performed to perform a condition assessment. A spreadsheet of problem areas will be produced.

Approach

Parametrix will review the existing inspection reports, the video of the sewer mains, and utilize information previously gathered on the collection system to produce a spreadsheet detailing areas needing repair. Field observations will be performed on all manholes by opening and making visual observations from the ground level. Photos of all manholes will be taken and shared with the City.

Deliverables

The deliverables for this task include:

- Problem area spreadsheet, detailing the issue, and providing a distance from the upstream manhole.
- List of properties/laterals designated for rehabilitation.
- An aerial map will be prepared showing approximate right-of-way location and critical structures in the construction area, such as fences, foundations, driveways, and other utilities. Publicly available GIS data will be used for generation of this map.

Assumptions

Following are the assumptions for this task:

- Approximate right-of-way will be determined from Pierce County GIS data. No title reports will be obtained.
- Manholes are assumed to be accessible. If they cannot be opened during the field visit, additional budget may be needed for additional trips.

TASK 03 – CONTRACT DOCUMENTS

Objective/Goal

This task will include producing necessary design documents associated with cured-in-place rehabilitation of approximately 602 LF of 8-inch sanitary sewer mainline and all laterals as described above. Up to fourteen (14 total) manholes will be rehabilitated as well. This includes preparing a complete set of bid documents. The following demonstrates the scope of services under this task:

- Develop Project Specifications, Contract Documents, and Design Plans.
- One review meeting with the City
- Produce Engineer's Estimate of Probable Construction Cost.

Approach

Parametrix will review the video of the sewer main and utilize information previously gathered on the collection system as a basis to produce a project manual and Project Specifications. Bypass pumping estimates will be provided in the project specifications.

Deliverables

The deliverables for this task include:

- Final Contract Documents and Project Specifications (PDF and 2 hard copies).
- Final project manual consisting of rehab locations and details as needed.
- Engineer's Estimate of Probable Construction Cost.
- 90 percent contract documents will be provided in PDF form to the City.
- Meeting with City to review 90 percent contract documents.

Assumptions

Following are the assumptions for this task:

- Project Specifications will be based on the 2023 WSDOT Standard Specifications.
- Laterals will not be identified on the plans. Laterals designated for replacement will be identified using distance and directional indicators from the manhole, as well as the property address.
- Laterals will not be video inspected under this scope of work. The Contractor will be required to video all laterals prior to rehabilitation.
- One review meeting with the City will be sufficient. All City comments will be provided at this meeting, and addressed in the final documents
- Cured-in-place sewer will be ultraviolet light cured.

Client: City of Orting

Project: 2021-24 On-Call Professional Engineering Services

Project No: 2161711026

	April D. Whittaker	Kyle R. Burtis	John L. Wright	Kyle E. Hale	Nicole F. S. Chen	John C. Hungerford	Asa R. Reyes-Chavez
	Sr Project Control Specialist	Sr Engineer	Sr Engineer	Project Accountant	Engineer I	Water Division Manager	Engineer II
Rates:	\$150.00	\$200.00	\$235.00	\$120.00	\$135.00	\$220.00	\$140.00

Task	SubTask	Description	Labor Dollars							
2001		CIPP	\$19,500.00	12	6	4	3	88	10	8
	01	Project Management	\$2,000.00	8			3		2	
	02	Data Collection	\$3,820.00					20		8
	03	Contract Documents	\$13,680.00	4	6	4		68	8	

Labor Totals:	\$19,500.00	12	6	4	3	88	10	8
Totals:	\$19,500.00	\$1,800.00	\$1,200.00	\$940.00	\$360.00	\$11,880.00	\$2,200.00	\$1,120.00

Other Direct Expenses

Mileage - \$0.56/mile		\$28.00
Other Direct Expenses Total:		\$28.00

Project Total \$19,528.00



PUBLIC WORKS AGENDA REPORT REQUEST

Old Business

DEPARTMENT: Public Works

Topic	Summary	Time Needed
Well #1 Filter Media	Multiple efforts were made to regenerate existing filter media. A specialist from Parametrix came out & recommended media replacement.	3

Topic	Summary	Time Needed
Well #3 CL2 New Injection Skid	Old CL2 injection skid & pump were removed and new skids installed with two new pumps for startup this spring. Completion pending assistance from Parametrix with setup of the 420 milliamp electronic control settings to be ready for operation.	2

Topic	Summary	Time Needed
Daffodil Parade Prep	Annual Activities	3

Topic	Summary	Time Needed
Water Testing Audit		3

New Business:

Topic	Summary	Time Needed
Mini Excavator Purchase	Agenda Bill & Bid Summary Attached	3

Topic	Summary	Time Needed
Well #3, Wingate & Harman Springs New CL2 Analyzers	New analyzers have been purchased and received for the site as old ones have become obsolete. R&R to occur in the next week.	2



**City of Orting
Council Agenda Summary Sheet**

	Agenda Bill #	Recommending Committee	Study Session Dates	Regular Meeting Dates
Subject: Mini Excavator with Brush Cutter	XXXX-XX	Public Works		
		03.01.2023	03.15.2023	03.29.2023
	Department:	Public Works		
	Date Submitted:	02.24.2023		
Cost of Item:	<u>\$86,485.87</u>			
Amount Budgeted:	<u>\$95,000.00</u>			
Unexpended Balance:	\$ 8,514.13			
Bars #:	401, 408, 410, 101, 105			
Timeline:	Currently Unknown			
Submitted By:	Greg Reed			
Fiscal Note:				
Attachments: Additional quotes of mini's with comparable lifting capacity in summary statement.				
SUMMARY STATEMENT:				
The amount budgeted was \$95,000,00 and it was approved in the 2023 budget:				
<p>The current sidearm mower is approximately 30 years old. With the brush cutter and dropper hammer attachments, the mini excavator can not only mow vegetation, it can also be used for emergency excavations, asphalt breaker, vibrator compactor, posthole auger, grading and backfilling. Currently the City's backhoe has to be pulled of a water leak site to load repair materials like bedding, grave and asphalt. The mini excavator would enable staff to continue working onsite while bringing materials needed to remediate the repair site. The mini can also be used for smaller tree removal using a clamp bucket.</p>				
Additional Quotes: Case CX60-\$98,741.40, Komatsu PC45MR-5-\$107,943.42, Cat 304 07A_ \$128,229.04				
RECOMMENDED ACTION: Move forward to regular business meeting on March 29 th , 2023 as a consent agenda item.				
FUTURE MOTION: To approve Resolution No. XXXX-XX to award the contract for the purchase of the Mini Excavator with Brush Cutter and drop hammer from Jennings Equipment. All quotes were solicited through Washington State Department of Enterprise Services (State Bid List).				

