

Committee Members

Councilmember Chris Moore
Councilmember John Williams
City Administrator Scott Larson
City Clerk Kim Agfalvi
PW Director Greg Reed
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, February 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 –

DEPARTMENT REPORTS**Est. Time Action**

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 NEW BUSINESS – John Bielka 1.6 Speed Data Varner and Olive 1.7 Whitehawk Blvd Ext 1.8 WRRF – Progressive Design Bldg	15 Mins 16	
2. ADMINISTRATION – Scott Larson 2.1 NEW BUSINESS	Min	
3. PUBLIC WORKS – Greg Reed 3.1 Well #1 Update 3.2 Job Opportunities/Posting 3.3 2023-2025 Landscape Bid 3-Year Contract NEW BUSINESS – 3.4 Water Comp Plan 3.5 Daffodil Prep – Spring Landscape	15 Mins	

Committee Members

Councilmember Chris Moore
Councilmember John Williams
City Administrator Scott Larson
City Clerk Kim Agfalvi
PW Director Greg Reed
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



4. FINANCE – Gretchen Russo 4.1	Min 5	
--	----------	--

5. COUNCIL – CM Williams & CM Moore 5.1	Min	
--	-----	--

REQUEST FOR NEW BUSINESS

-

ROUND TABLE

-

MEETING SUMMARY

ADJOURN



PUBLIC WORKS AGENDA REPORT REQUEST

Old Business

DEPARTMENT: Engineering-Parametrix

Topic	Summary	Time Needed
Project Updates	<ul style="list-style-type: none"> • Whitehawk Boulevard Extension • Kansas Street Reconstruction • Village Green Outfall • Kansas Outfall / Calistoga St W Stormwater Improvements • Orting Emergency Evacuation Bridge System 	15 Mins

Topic	Summary	Time Needed

Topic	Summary	Time Needed

New Business:

Topic	Summary	Time Needed



PUBLIC WORKS AGENDA REPORT REQUEST

Old Business

DEPARTMENT: Engineering CPM

Topic	Summary	Time Needed
Speed Data Varner and Olive	Speed data at Olive and Varner was collected for the month of January, with the display light turned off, to determine the traffic calming effectiveness of the newly painted striped lines. The data is attached.	4 minutes

New Business:

Topic	Summary	Time Needed
Whitehawk Boulevard Extension	This scope of work and budget covers the anticipated effort to complete a new scope of work for the Whitehawk Boulevard Project. The increased scope includes two new roundabouts, new illumination at the roundabouts, new channelization at the roundabouts, environmental permitting, and additional right-of-way acquisition. Grand total is \$377,019.22. We have a grant of \$328,000 available from WSDOT. The remainder would need to come from local funds in the amount of \$49,019.22. The scope and budget from Parametrix is attached.	5 minutes

Topic	Summary	Time Needed
WWRF – Progressive Design Build	<p>It is proposed that the City proceed with a progressive design build for the WWRF upgrade. This process requires project approval from the State of Washington Capital Projects Advisory Review Board (CPARB) under ESHB 1830 RCW 39.10</p> <p>The application needs to be completed by a firm that has experience in the design build process. Firms contacted for this service includes Parametrix, Jacobs, Brown & Caldwell, Wilson Engineering, SCJ, and Gray & Osborn. We received two proposals for the application that have an associated fee of just under \$25,000 (see attached).</p> <p>The City will need to hire an Owner’s Advisor (OA) for the duration of the project. This will be done through an RFQ process. It is hoped to have this accomplished by the next public works meeting.</p> <p>Once we have approval from CPARB we would need to send out for an RFP and RFQ to hire a design build firm.</p>	7 minutes

City of Orting - Owner Advisor for Wastewater Treatment Plant Upgrade

		Weber, Patrick C	Yan, Diane F	Wood, Dean	Jones, Jessica L	Tangora, Patricia A	Wilson, Joanna B	Kivett, Jeffrey R			
Phase	Phase Description	Project Manager	Project Analyst	OA Lead	OA Support	OA Senior Advisor	Biller	Project Oversight	Total Labor Hours	Total Labor Effort	Total Effort
100	CPARB Application	32	0	26	8	4	0	0	70	20,632	20,632
200	Project Management	5	8	0	0	0	4	1	18	3,041	3,041
GRAND TOTAL		37	8	26	8	4	4	1	88	23,673	23,673

EXHIBIT A - SCOPE OF WORK

INTRODUCTION

The purpose of this contract is to provide owner advisory services to City of Orting (“City”) for the Orting Wastewater Treatment Plant Upgrade project.

The City’s wastewater treatment plant (WWTP) originally treated wastewater using a facultative lagoon system. In 1999, this treatment facility was upgraded to a Sequencing Batch Reactor (SBR) WWTP with two SBR basins. In conjunction with this upgrade, the first lagoon in the system was filled with structural backfill to facilitate construction of the WWTP, and the remaining lagoon was retained for solids storage and overflow control. The WWTP was further upgraded in 2006 with the addition of a third SBR basin. The City intends as part of this work, to complete another upgrade of the WWTP, including construction of a Solids Treatment and Dewatering Facility and Process Improvements as generally described in the October 2016 Biosolids Engineering Report.

This project is anticipated to use a progressive design-build delivery method, with the City soliciting for a progressive design-build contractor in 2023. The rough order of magnitude cost for construction is estimated to be \$15 million.

SCOPE OF WORK

OWNER ADVISORY SERVICES

The duration of the initial CPARB phase (pre-procurement) services is assumed to be up to 4 months (February – May 2023).

TASK 1 – PROJECT REVIEW COMMITTEE SERVICES

The Consultant shall provide Owner Advisory (OA) services to request PRC approval for City use of the PDB delivery method on the project, including but not limited to:

1. Review existing City materials summarizing the project and rationale for selecting progressive design-build delivery.
2. Assist the City with development of a draft application for project approval to use the PDB alternative delivery method. The Consultant will take the lead on preparing the application, with input and review from the City as noted in the assumptions section. The Consultant will adapt graphics from existing materials needed to communicate the scope of the proposed project to the PRC and will provide information relevant to their firm’s experience and qualifications.
3. Provide suggested content for sections describing the project and the City’s rationale for selecting PDB delivery, and provide a summary of Owner’s Advisor team qualifications and experience.
4. Facilitate two meetings for development and review of the draft application. Incorporate City comments to the draft application. Assume Consultant participation in two (2) virtual meetings of 2 hours duration, attended by up to 2 Consultant team members.
5. Review near-final application prior to City submittal of the PRC application to the PRC.
6. Participate in the presentation to the PRC, including jointly preparing presentation materials with the City. Presentation materials are assumed to be on the order of 20-25 PowerPoint slides. PRC meeting will be virtual and attended by two Consultant team attendees. Assume Consultant participation in two (2) virtual meetings to develop and practice presentation materials. Assume meetings are 2 hours in duration, attended by up to 2 Consultant team members.

Task 1 Deliverables:

1. Draft and final PRC Application, incorporating information developed by the City.
2. Draft and final PRC presentation materials

Task 1 Assumptions:

1. The City will provide background information required to complete the PRC Project application form, including
 - A. Completed documentation of City staff and construction project experience
 - B. Budget and funding information
 - C. Technical information
 - D. Desired project schedule
 - E. Description of City project controls processes
 - F. History of audits findings.
 - G. Description of planned subcontractor outreach for small, women, and minority-owned businesses.
2. The April submission deadline for the May PRC meeting will be targeted, but we understand that if possible the City would prefer to submit in February for the March PRC meeting.
3. The City will submit the final application to the PRC
4. PRC meeting will be conducted virtually.
5. The City and Owner Advisor will jointly present the project to the PRC, with the City in a lead role.

TASK 2 – PROJECT MANAGEMENT

Project Management services include:

- Oversee the work, including QA/QC reviews of Consultant deliverables.
- Prepare monthly Project status reports with submittal of progress payment invoices. Progress reports will identify budget status, progress status, activities of the previous month, upcoming activities, and areas of risk with the potential to adversely affect Project budget and / or schedule.

[SCOPE AND EFFORT FOR TASKS 3-6 TO BE DEVELOPED]

TASK 3 – PROGRESSIVE DESIGN BUILD (PDB) PROCUREMENT SERVICES

SUBTASK 3.1 PROCUREMENT STRATEGY

SUBTASK 3.2 MARKET SOUNDING

SUBTASK 3.3 PDB CONTRACT REVIEW

SUBTASK 3.4 RFQ DEVELOPMENT

SUBTASK 3.5 SOQ REVIEW AND SHORTLISTING

SUBTASK 3.6 RFP DEVELOPMENT

SUBTASK 3.7 RFP TECHNICAL CRITERIA

SUBTASK 3.8 PROPOSAL REVIEW AND SELECTION

SUBTASK 3.9 NEGOTIATIONS SUPPORT

SUBTASK 3.10 COST ESTIMATING SUPPORT

SUBTASK 3.11 PERMITTING SUPPORT

TASK 4 DESIGN PHASE SUPPORT

SUBTASK 4.1 REVIEW OF PDB PLANS, REPORTS, AND DESIGN

SUBTASK 4.2 COST ESTIMATING REVIEW SUPPORT

SUBTASK 4.3 GMP NEGOTIATIONS SUPPORT

SUBTASK 4.4 ADVISORY SERVICES

SUBTASK 4.5 MEETINGS

TASK 5 CONSTRUCTION PHASE SUPPORT

SUBTASK 5.1 MEETINGS

SUBTASK 5.2 REVIEW OF CONSTRUCTION SUBMITTALS

SUBTASK 5.3 CLAIMS SUPPORT

SUBTASK 5.4 ADVISORY SERVICES

TASK 6 UNANTICIPATED SERVICES



SCOPE OF WORK

2021-2024 Orting On-Call Professional Engineering Services Phase 14 – Wastewater System Planning and Infrastructure **Task 02 – WWTP CPARB**

Prepared For: John Bielka/City of Orting

Prepared By: Lisa Reid/SCJ Alliance
Court Harris/Jacobs
Leofwin Clark/All Things Collaborative Delivery

Date Prepared: January 27, 2023

Introduction and Project Understanding

The City of Orting desires to proceed with the Wastewater Treatment Plant Upgrade as a progressive design build project. In order to do this, the City will need to obtain a Project Approval from the State of Washington Capital Projects Advisory Review Board (CPARB) Project Review Committee (PRC). To do that, the City must fill out an Application for the Project and make a presentation to the PRC. Because the City has not completed a relevant wastewater project in some time and also has not completed and managed a recent design build infrastructure project, the application will rely heavily on the Owner's Representative Team to provide the technical expertise and design build expertise to successfully implement this project.

This scope includes completion of the strategy, application, and presentation to the PRC to obtain approval to complete this project as a progressive design build project.

General Assumptions

- ◆ The City will pursue an application for project approval and not go through the agency certification process.
- ◆ The Consultant team will act as the Owner's Representative and leverage their technical and design build owner's management experience to facilitate delivery of the project and obtain project approval from the PRC.
- ◆ The basis of the application will be that the contract for the Owner's Representative role will be contingently awarded to the SCJ-Jacobs Consultant Team and will be contracted concurrently with this work.

Schedule

Assuming this is contracted through the City's on-call with SCJ Alliance, this work can start immediately upon approval by the City. It will take approximately 6 weeks to get the application assembled, reviewed, and revised. During this time, the City will need to complete DB training (preferably including having at least one person engaged in the DBIA certification process). The PRC does not meet in April 2023, so the target date for the Application review meeting is May 25, 2023 (application deadline is April 20, 2023). Early submission is preferable since the PRC limits the number of projects they review. With a quick NTP, we could submit the application as early as March 17, 2023.

Scope of Work

Phase 1 Project Management

This phase of work provides overall project management of the consultant contract with the City of Orting and includes the following:

- 1) **Budget and Schedule Tracking.** Develop a simple milestone schedule and track the project budget and schedule using SCJ Earned Value tools to verify that progress is keeping pace with spending.
- 2) **Monthly Progress Reports.** Prepare monthly invoices and progress reports for services performed.

Assumptions

- ◆ Project management will be provided over 5 months.
- ◆ Progress billings will be submitted monthly to the City. This invoice will be included in the from the SCJ On-call contract with the City.
- ◆ Budget for peer checks for quality control is included within budget for individual work phases/tasks.

Deliverables

- ◆ Miscellaneous correspondence to document project management issues in PDF
- ◆ Monthly invoices and progress reports via PDF

Phase 2 Collaboration with the City

Task 1 Team Meetings

- 1) **Kick-off Meeting.** The City and Consultant team will meet for one kick-off session to determine the approach. This will include discussion of the items enumerated in Phase 4.
- 2) **Coordination Calls.** The Consultant team will attend periodic coordination calls to check in on the status of the application and coordinate items that must be completed by both the City and the Consultant team to complete the application and supporting documents. Up to six (6) calls are budgeted.

Assumptions

- ◆ Kick-off meeting will be held within one-week of the Notice to Proceed.
- ◆ Up to three (3) Consultant staff will attend each meeting (in-person or virtually).
- ◆ Brief meeting summaries will include a record of participants, decisions made, and action items assigned.

Deliverables

- ◆ Brief meeting summaries in PDF

Phase 3 Preparation of Application

The following tasks generally follow the project application outline and will facilitate completion of the project application for this work.

Task 1 Description of Proposed Project, Contracting Procedure and Public Benefit

- 1) The Consultant team will review the previous design documents. This includes but is not limited to: drawings, specifications, basin of design report(s), permitting documentation and correspondence with Washington Department of Ecology, facility plans, cost estimates, construction schedules, and other relevant information.
- 2) The Consultant team confer with the City to document the desired project outcomes for treatment and long-term operations and develop a brief description of the project that is no more than two short paragraphs.
- 3) The Consultant team will provide a detailed explanation of why a DB contracting procedure is appropriate and meets one of the three following criteria
 - ◆ The construction activities are highly specialized, and a DB approach is critical in developing the construction methodology.
 - ◆ The project provides opportunity for greater innovation and efficiencies between designer and builder.
 - ◆ Savings in project delivery time would be realized.
- 4) The Consultant team will provide information on how the use of the DB contracting procedure will serve the public interest including how the contracting method provides a substantial fiscal benefit and how the use of the traditional method of awarding contracts is not practical for meeting desired quality standards or delivery schedules.

Task 2 Projected Total Cost

- 1) Update of project cost estimates. Preparation of an AACE Class 3 (30% design definition) project cost estimate. The Class 3 estimate will rely on verified costs from previous estimates, and provide additional costs for any project elements that will be revised or redesigned by the design build team. Appropriate contingencies will be identified and confirmed with the City for inclusion in the project total costs.
- 2) Identifying sources of funding.
- 3) Demonstrate that the project provides substantial fiscal benefit. A review of the City's current rate structure and capital program may be warranted to better quantify/qualify this part of the application.

Task 3 Anticipated Project Design and Construction Schedule

- 1) Aid the City in completing a schedule from PRC meeting and approval to Project Completion. Prepare a Critical Path Schedule in Microsoft Project.
- 2) Identify critical staff from the City and Consultant team to demonstrate that hiring additional staff and consultants is not needed.

Task 4 *Construction History*

- 1) The consultant team will prepare a list of relevant projects that demonstrate our knowledge of wastewater treatment plants and the design build process. The list will include the following information.
 - ◆ Project Number, Name, and Description.
 - ◆ Contracting Method Used.
 - ◆ Planned start and finish dates.
 - ◆ Actual start and finish dates.
 - ◆ Planned and actual budget amounts.
 - ◆ Reasons for budget or schedule overruns.
- 2) Resolution of Audit Findings on Previous Public Works Projects.
 - ◆ If any of the above projects had audit findings, those findings and the resolution will be discussed.

Task 5 *Public Body Qualifications*

- 1) The consultant team will prepare the following documents to demonstrate project delivery knowledge and experience.
 - ◆ A description of the Consultant team’s qualifications.
 - ◆ A project organizational chart.
 - ◆ Staff short biographies that demonstrate experience with design build contracting and similar projects.
 - ◆ The experience and role on previous design build projects for each staff member in key positions.
 - ◆ The qualifications of the Project Manager.
 - ◆ A brief summary of the construction experience of the Project Management team relevant to the project.
 - ◆ Written management plan.
 - ◆ A description of the controls that the team will have in place to ensure that the project is adequately managed.
 - ◆ A brief description of the planned procurement process.
 - ◆ Verification that the team has already developed or the plan to develop specific design build contract terms.

Task 6 *Preparation of Preliminary Concepts*

- 1) The Consultant team shall prepare up to 6 concepts, drawings, sketches, diagrams, or plan/section documents that depict the project. These documents will be provided in PDF form for distribution. These concepts will include an overview site plan and plan or section views which show existing vs renovation plans. These exhibits will be derived from previous project documents developed by the City’s previous design consultant, with text and/or graphical annotations as required to fully convey the revised project.

Task 7 *Market/Sounding Outreach*

This work demonstrates some of the required outreach for DBE and small businesses, helps gauge industry interest in the project (while promoting the project at the same time) and obtains industry endorsement with the DB project approach. Present figures showing the existing condition and what issues the City wants to solve. The Consultant team will develop a plan to encourage small, women, and minority owned business participation in the bidding process. The Consultant team will leverage relationships in the industry to identify ways to reach WMBE's and increase the percentage of work done by WMBE firms.

- 1) **Conduct Market Interviews.** Interview up to ten (10) prospective design-build team members (e.g., contractors, designers, vendors, and supporting subconsultants), including small and disadvantaged businesses, to discuss the proposed project and approach. Obtain their input on the methodology for moving the project forward and confirm their interest in the project, including any observations on potential project cost, technology guarantees, and reasonableness of schedule. Interviews will last 45-60 minutes each.

Assumptions

- ◆ The City will make available all requested historical information within one week of NTP. Content can be delivered electronically or hard copies provided for review.
- ◆ The application and supporting materials will be revised once after the initial review submittal to the City.
- ◆ The application will be submitted electronically in PDF format.
- ◆ City review will take up to one (1) week after receipt of the Draft Application
- ◆ It is our understanding is that the design revisions desired will be fairly straightforward to demonstrate and price. However, if they are more significant based on the meeting in Phase 2 Task 2 the overall schedule may be affected.
- ◆ The market interviews will be attended by one Consultant and a support resource (to capture notes) only to ensure the PRC sees these as independent, and that feedback is not influenced by the owner.

The summary report to the City will be in aggregate of all the respondents from the market sounding, without attribution to any individual company.

- ◆ The City will have a significant role in the development of the application.
- ◆ The City will articulate their basic desires for the project. It is assumed that most of the existing 90% design will not be used.
- ◆ An online collaboration tool such as Google Docs or SharePoint will be used to allow the City and Consultant to make simultaneous additions and edits to the application.

Deliverables

- ◆ Market Sounding Report in PDF
- ◆ Draft Project Approval Application in PDF
- ◆ Final Project Approval Application in PDF

Phase 4 Applicant Presentation and Q&A

The actual presentation to the PRC should be made by the City with support from the Consultant Team.

Task 1 Preparation of Presentation

- 1) **Draft Presentation.** The Consultant team will prepare a PowerPoint presentation that addresses the key points of the application. The Power Point presentation is limited by the Project Review Committee to 20 minutes. This presentation will discuss the key points shown on the Project Evaluation Criteria checklist from the website and will describe the team, the team's experience, and will enumerate the advantages in proceeding with a design build process. A special emphasis will also be placed on the WMBE inclusion plan.

Task 2 Practice Presentation to City Council

- 1) **Present to Council.** The Consultant team will attend and support a presentation to the Council by City staff. The Consultant team will discuss the presentation based on feedback from City Council.

Task 3 Final Presentation

- 1) **Final Presentation.** The Consultant team will revise the PowerPoint presentation based on the discussion with the Council in Task 2.

Task 4 PRC Presentation and Q&A

- 1) **PRC Presentation and Respond to Q&A.** The City will present the applicant presentation and the Consultant will assist the City with responding to the Questions & Answer session (the format includes a 20-minute presentation, 15-minute panel question and answer session, 10-minutes for public comments, and 15-minutes for panel deliberations and determinations).

Task 5 Written Q&A Responses

- 1) **Respond to Q&A.** The Consultant will prepare written responses to the PRC's questions and answers as requested.

Assumptions

- ◆ This phase includes travel time to and from the presentations both to City Council and to the Review Committee. Up to 3 Consultant team members will participate in the presentation development and delivery process.
- ◆ The Power Point will be revised twice. The first will be based on City comments and the second will be after the practice presentation in front of City Council.
- ◆ The Consultant team will prepare the materials for public outreach, and the City will be responsible for mailing the documents and other forms of outreach.

Deliverables

- ◆ Draft Applicant Presentation in PowerPoint
- ◆ Final Applicant Presentation in PowerPoint
- ◆ Written Q&A Responses in PDF
- ◆ Response to Questions and Answers in PDF

End Scope of Work

City of Orting - 2023 CPARB 2023-0127 Revised.docx

Consultant Fee Determination Summary



SCJ Alliance

Client: City of Orting
 Project: WWTP CPARB Application
 Job #: 21-000838
 File Name: City of Orting - 2023 CPARB 2023-0127.xlsm

Template Version: 9/9/2022
 Contract Type: Billing Rate Schedu

Consultant Fee Determination

DIRECT SALARY COST

<u>Classification</u>	<u>Hours</u>	<u>Fully Burdened Rate</u>	<u>Amount</u>
Principal	2.0	\$313.00	\$626.00
PM2 Project Manager	23.0	\$175.00	\$4,025.00
Project Accountant	6.0	\$115.00	\$690.00
Project Accountant	4.0	\$128.00	\$512.00

TOTAL SALARY COST

Total Salary Cost \$5,853.00

SUBCONSULTANTS

Jacobs	\$	6,800.00
ATCD	\$	12,150.00

Subconsultant Fee Subtotal: \$0 \$18,950.00

REIMBURSABLE EXPENSES

Mileage 0 miles at \$0.625 per mile \$0.00

Expenses Subtotal: \$0.00

SUBTOTAL (SALARY, SUBCONSULTANTS AND EXPENSES)

Subtotal (Salary, Subconsultants and Expenses) **\$24,803.00**

TOTAL BUDGET INCLUDING OPTIONAL TRAINING \$24,803.00

Consultant Labor Hour Estimate



SCJ Alliance

Client: City of Orting
 Project: WWTP CPARB Application
 Job #: 21-000838
 File Name: City of Orting - 2023 CPARB 2023-0127.xlsm

		Lisa Reid	Matt Mielke	Taylor Thompson	Kim Brown		
Phase & Task No.	Phase & Task Title	Principal	PM2 Project Manager	Project Accountant	Project Accountant	Total Direct Labor Hours & Cost	Total Cost
PHASE 01 PROJECT MANAGEMENT							
Task 01	Project Management						
1	Project Planning						\$ -
2	Budget and Schedule Tracking						\$ -
3	Monthly Progress Reports	2.0			4.0	6.0	\$ 1,138.00
Subtotal Hours:		2.0			4.0	6.0	\$ 1,138.00
Total Phase Hours:		2.0			4.0	6.0	6.0
Total Phase Direct Labor:		\$626.00			\$512.00	\$1,138.00	\$ 1,138.00
PHASE 02 COLLABORATION WITH CITY							
Task 01	Team Meetings						
1	Kick-off Meeting		1.0			1.0	\$ 175.00
2	Design Collaboration Meeting						\$ -
3	Weekly Coordination Calls		6.0			6.0	\$ 1,050.00
Subtotal Hours:			7.0			7.0	\$ 1,225.00
Total Phase Hours:			7.0			7.0	\$ 7.0
Total Phase Direct Labor:			\$1,225.00			\$1,225.00	\$ 1,225.00
PHASE 03 TRAINING (OPTIONAL)							
Task 01	Design-Build Training						
1	Design-Build Training						\$ -
Subtotal Hours:							\$ -
Total Phase Hours:							\$ -
Total Phase Direct Labor:							\$ -
PHASE 04 PREPARATION OF APPLICATION							
Task 01	Description of Proposed Project, Contracting Procedure and Public Benefit						
1	Description of Proposed Project, Contracting Procedure and Public Benefit						\$ -
Subtotal Hours:							\$ -
Task 02	Projected Total Cost						
1	Projected Total Cost						\$ -
Subtotal Hours:							\$ -
Task 03	Anticipated Project Design and Construction Schedule						
1	Anticipated Project Design and Construction Schedule						\$ -
Subtotal Hours:							\$ -
Task 04	Construction History						
1	Construction History						\$ -
Subtotal Hours:							\$ -

Consultant Labor Hour Estimate



SCJ Alliance

Client: City of Orting
 Project: WWTP CPARB Application
 Job #: 21-000838
 File Name: City of Orting - 2023 CPARB 2023-0127.xlsm

		Lisa Reid	Matt Mielke	Taylor Thompson	Kim Brown		
Phase & Task No.	Phase & Task Title	Principal	PM2 Project Manager	Project Accountant	Project Accountant	Total Direct Labor Hours & Cost	Total Cost
Task 05 Public Body Qualifications							
1	Public Body Qualifications						\$ -
Subtotal Hours:							\$ -
Task 06 Preparation of Preliminary Concepts							
1	Preparation of Preliminary Concepts						\$ -
Subtotal Hours:							\$ -
Task 07 Subcontractor Outreach							
1	Subcontractor Outreach		16.0	6.0		22.0	\$ 3,490.00
Subtotal Hours:			16.0	6.0		22.0	\$ 3,490.00
Total Phase Hours:			16.0	6.0		22.0	\$ 22.0
Total Phase Direct Labor:			\$2,800.00	\$690.00		\$3,490.00	\$ 3,490.00
PHASE 05 APPLICANT PRESENTATION AND QUESTIONS & ANSWERS							
Task 01 Preparation of Presentation							
1	Preparation of Presentation						\$ -
Subtotal Hours:							\$ -
Task 02 Practice Presentation to City Council							
1	Practice Presentation to City Council						\$ -
Subtotal Hours:							\$ -
Task 03 Final Presentation							
1	Final Presentation						\$ -
Subtotal Hours:							\$ -
Task 04 PRC Presentation and Q&A							
1	PRC Presentation and Q&A						\$ -
Subtotal Hours:							\$ -
Task 05 Written Q&A Responses							
1	Written Q&A Responses						\$ -
Subtotal Hours:							\$ -
Total Phase Hours:							\$ -
Total Phase Direct Labor:							\$ -
Total Hours All Phases		2.0	23.0	6.0	4.0	35.0	35.0
Total Direct Labor Estimate All Phases		\$626.00	\$4,025.00	\$690.00	\$512.00	\$5,853.00	\$ 5,853.00

EMPLOYEE RATE: \$ 275.00 \$ 225.00 \$ 150.00

		Pat Burke, PE	Li Lei, PE, PhD	Lindsey Smoot, EIT		
Phase & Task No.	Phase & Task Title	Principal Engineer	Wastewater Technologist	Junior Engineer	Total Direct Labor Hours & Cost	Total Cost
PHASE 01 PROJECT MANAGEMENT						
Task 01 Project Management						
1	Project Planning					\$ -
2	Budget and Schedule Tracking					\$ -
3	Monthly Progress Reports	2.0			2.0	\$ 550.00
		Subtotal Hours:	2.0		2.0	\$ 550.00
		Total Phase Hours:	2.0		2.0	2.0
		Total Phase Direct Labor:	\$550.00		\$550.00	\$ 550.00
PHASE 02 COLLABORATION WITH THE CITY						
Task 01 Team Meetings						
1	Kick-off Meeting	1.0			1.0	\$ 275.00
2	Design Collaboration Workshop					\$ -
3	Weekly Coordination Calls					\$ -
		Subtotal Hours:	1.0		1.0	\$ 275.00
		Total Phase Hours:	1.0		1.0	\$ 1.0
		Total Phase Direct Labor:	\$275.00		\$275.00	\$ 275.00
PHASE 03 TRAINING (OPTIONAL)						
Task 01 Design-Build Training						
1	Design-Build Training					\$ -
		Subtotal Hours:				\$ -
		Total Phase Hours:				\$ -
		Total Phase Direct Labor:				\$ -
PHASE 04 PREPARATION OF APPLICATION						
Task 01 Description of Proposed Project, Contracting Procedure and Public Benefit						
1	Description of Proposed Project, Contracting Procedure and Public Benefit	2.0			2.0	\$ 550.00
		Subtotal Hours:	2.0		2.0	\$ 550.00
Task 02 Projected Total Cost						
1	Projected Total Cost					\$ -
		Subtotal Hours:				\$ -
Task 03 Anticipated Project Design and Construction Schedule						
1	Anticipated Project Design and Construction Schedule	1.0			1.0	\$ 275.00
		Subtotal Hours:	1.0		1.0	\$ 275.00
Task 04 Construction History						
1	Construction History			2.0	2.0	\$ 300.00
		Subtotal Hours:		2.0	2.0	\$ 300.00
Task 05 Public Body Qualifications						
1	Public Body Qualifications	1.0			1.0	\$ 275.00
		Subtotal Hours:	1.0		1.0	\$ 275.00

EMPLOYEE RATE: \$ 275.00 \$ 225.00 \$ 150.00

Pat Burke, PE	Li Lei, PE, PhD	Lindsey Smoot, EIT
---------------	-----------------	--------------------

Phase & Task No.	Phase & Task Title	Principal Engineer	Wastewater Technologist	Junior Engineer	Total Direct Labor Hours & Cost	Total Cost
Task 06 Preparation of Preliminary Concepts						
1	Preparation of Preliminary Concepts	2.0	4.0	8.0	14.0	\$ 2,650.00
Subtotal Hours:		2.0	4.0	8.0	14.0	\$ 2,650.00
Task 07 Subcontractor Outreach						
1	Subcontractor Outreach					\$ -
Subtotal Hours:						\$ -
Total Phase Hours:		6.0	4.0	10.0	20.0	\$ 20.0
Total Phase Direct Labor:		\$1,650.00	\$900.00	\$1,500.00	\$4,050.00	\$ 4,050.00
PHASE 05 APPLICANT PRESENTATION AND QUESTIONS & ANSWERS						
Task 01 Preparation of Presentation						
1	Preparation of Presentation	2.0			2.0	\$ 550.00
Subtotal Hours:		2.0			2.0	\$ 550.00
Task 02 Practice Presentation to City Council						
1	Practice Presentation to City Council	2.0			2.0	\$ 550.00
Subtotal Hours:		2.0			2.0	\$ 550.00
Task 03 Final Presentation						
1	Final Presentation	2.0			2.0	\$ 550.00
Subtotal Hours:		2.0			2.0	\$ 550.00
Task 04 PRC Presentation and Q&A						
1	PRC Presentation and Q&A					\$ -
Subtotal Hours:						\$ -
Task 05 Written Q&A Responses						
1	Written Q&A Responses	1.0			1.0	\$ 275.00
Subtotal Hours:		1.0			1.0	\$ 275.00
Total Phase Hours:		7.0			7.0	\$ 7.0
Total Phase Direct Labor:		\$1,925.00			\$1,925.00	\$ 1,925.00
Total Hours All Phases		16.0	4.0	10.0	30.0	30.0
Total Direct Labor Estimate All Phases		\$4,400.00	\$900.00	\$1,500.00	\$6,800.00	\$ 6,800.00
Reimbursable Expenses:		Copies, Printing, etc. Mileage				\$ -
Expenses Subtotal:						\$ -
Expenses Markup:						\$ -
Expenses Total:						\$ -
Total:						\$ 6,800.00

All Thngs Collaborative Delivery Inc. (ATCD)

Client: City of Orting
 Project: WWTP CPARB Application

EMPLOYEE RATE: \$ 250.00 \$ 150.00

		Leofwin Clark	Admin Support		
Phase & Task No.	Phase & Task Title	Labor Classification	Labor Classification	Total Direct Labor Hours & Cost	Total Cost
PHASE 01 PROJECT MANAGEMENT					
Task 01	Project Management				
1	Project Planning				\$ -
2	Budget and Schedule Tracking				\$ -
3	Monthly Progress Reports	2.0		2.0	\$ 500.00
Subtotal Hours:		2.0		2.0	\$ 500.00
Total Phase Hours:		2.0		2.0	2.0
Total Phase Direct Labor:		\$500.00		\$500.00	\$ 500.00
PHASE 02 COLLABORATION WITH THE CITY					
Task 01	Team Meetings				
1	Kick-off Meeting	2.0		2.0	\$ 500.00
2	Design Collaboration Meeting				\$ -
3	Weekly Coordination Calls	6.0		6.0	\$ 1,500.00
Subtotal Hours:		8.0		8.0	\$ 2,000.00
Total Phase Hours:		8.0		8.0	\$ 8.0
Total Phase Direct Labor:		\$2,000.00		\$2,000.00	\$ 2,000.00
PHASE 03 TRAINING (OPTIONAL)					
Task 01	Design-Build Training				
1	Design-Build Training				\$ -
Subtotal Hours:					\$ -
Total Phase Hours:					\$ -
Total Phase Direct Labor:					\$ -
PHASE 04 PREPARAITON OF APPLICATION					
Task 01	Description of Proposed Project, Contracting Procedure and Public Benefit				
1	Description of Proposed Project, Contracting Procedure and Public Benefit	20.0		20.0	\$ 5,000.00
Subtotal Hours:		20.0		20.0	\$ 5,000.00
Task 02	Projected Total Cost				
1	Projected Total Cost				\$ -
Subtotal Hours:					\$ -
Task 03	Anticipated Project Design and Construction Schedule				
1	Anticipated Project Design and Construction Schedule				\$ -
Subtotal Hours:					\$ -
Task 04	Construction History				
1	Construction History				\$ -
Subtotal Hours:					\$ -

All Thngs Collaborative Delivery Inc. (ATCD)

Client: City of Orting
 Project: WWTP CPARB Application

EMPLOYEE RATE: \$ 250.00 \$ 150.00

		Leofwin Clark	Admin Support		
Phase & Task No.	Phase & Task Title	Labor Classification	Labor Classification	Total Direct Labor Hours & Cost	Total Cost
Task 05	Public Body Qualifications				
1	Public Body Qualifications				\$ -
		Subtotal Hours:			\$ -
Task 06	Preparation of Preliminary Concepts				
1	Preparation of Preliminary Concepts				\$ -
		Subtotal Hours:			\$ -
Task 07	Subcontractor Outreach				
1	Subcontractor Outreach				\$ -
		Subtotal Hours:			\$ -
		Total Phase Hours:	20.0	20.0	\$ 20.0
		Total Phase Direct Labor:	\$5,000.00	\$5,000.00	\$ 5,000.00
PHASE 05 APPLICANT PRESENTATION AND QUESTIONS & ANSWERS					
Task 01	Preparation of Presentation				
1	Preparation of Presentation	16.0		16.0	\$ 4,000.00
		Subtotal Hours:	16.0	16.0	\$ 4,000.00
Task 02	Practice Presentation to City Council				
1	Practice Presentation to City Council				\$ -
		Subtotal Hours:			\$ -
Task 03	Final Presentation				
1	Final Presentation				\$ -
		Subtotal Hours:			\$ -
Task 04	PRC Presentation and Q&A				
1	PRC Presentation and Q&A				\$ -
		Subtotal Hours:			\$ -
Task 05	Written Q&A Responses				
1	Written Q&A Responses				\$ -
		Subtotal Hours:			\$ -
		Total Phase Hours:	16.0	16.0	\$ 16.0
		Total Phase Direct Labor:	\$4,000.00	\$4,000.00	\$ 4,000.00
		Total Hours All Phases	46.0	46.0	46.0
		Total Direct Labor Estimate All Phases	\$11,500.00	\$11,500.00	\$ 11,500.00
		Reimbursable Expenses:			
			Copies, Printing, etc.		\$ -
			Travel (2 trips)		\$ 650.00
		Expenses Subtotal:			\$ 650.00
		Expenses Total:			\$ 650.00
		Total:			\$ 12,150.00

SCOPE OF WORK

City of Orting Whitehawk Boulevard Extension New Scope for RTCC Grant Application

INTRODUCTION

This Scope of Work and Budget covers the anticipated effort to complete a new Scope of Work for the Whitehawk Boulevard Project. The increased scope includes two new roundabouts, new illumination at the roundabouts, new channelization at the roundabouts, environmental permitting, and additional right-of-way acquisition.

PROJECT LIMITS

The project limits are in the City of Orting (City) at Whitehawk Boulevard from State Route (SR) 162 to Calistoga Street West. The alignment of Whitehawk Boulevard will be located between the existing terminus at Orting Avenue NW and extend to the intersection of Kansas Street and Calistoga Street West.

ROADWAY IMPROVEMENTS

Whitehawk Boulevard

- Whitehawk Boulevard will be extended to Calistoga Street West. The connection to Calistoga Street West will be at the Kansas Street intersection. Kansas Street will be realigned as necessary to construct a roundabout at the Kansas/Calistoga/Whitehawk intersection.
- Improvements will include a two-lane section with a travel lane in each direction and left-turn lanes at Orting Avenue, curb, gutter, sidewalk, bike lanes, combined-use trail, drainage, utility adjustments, illumination, channelization, and signing. The sidewalk widths will be 5 feet separated from the roadway with a grass planter strip. The combined-use trail will be 15 feet wide.
- A new roundabout will be designed at the intersection with SR 162.
- A new roundabout will be designed at the intersection with Calistoga Street West.
- Whitehawk Boulevard will be re-channelized as necessary between SR 162 and the current terminus.

STORM DRAINAGE

Stormwater runoff from the roundabout at SR 162 and Calistoga Street will be collected and conveyed to a project-specific stormwater facility. The facility may be designed as a Low Impact Development (LID) type best management practice (BMP) such as a bioretention area, stormwater wetland, or compost amended vegetated filter strip (CAVFS). The increase in stormwater for the roundabout at SR 162 and Calistoga St roundabout are included in the new Scope of Work.

ILLUMINATION

The two roundabouts and the intersection of Orting Avenue will be illuminated. The corridor will not have illumination. All illumination within the City Right-of-Way (ROW) will be decorative. Illumination within Washington State Department of Transportation (WSDOT) ROW will be designed to WSDOT standards and not decorative.

INTERSECTIONS

New roundabouts will be installed at the SR 162/Whitehawk Boulevard and Whitehawk Boulevard/Calistoga intersections. A rapid rectangular flashing beacon (RRFB) will be designed on the south pedestrian crossing of Whitehawk and 162. RRFBs will be provided on all legs of the Whitehawk/Calistoga roundabout.

LANDSCAPING

Planter strips will be grass and no irrigation will be provided.

WSDOT REVIEW AND APPROVAL

Parametrix will prepare channelization plans for approval by WSDOT. The intersection Control Evaluation (ICE) submitted in a previous phase will be used to design the roundabout configuration. This Scope of Work includes coordination with appropriate WSDOT staff to obtain the necessary plan approvals prior to advertisement.

ENVIRONMENTAL DOCUMENTATION AND PERMITTING

Parametrix will update the environmental permits previously prepared due to the change in Project scope.

Below is a detailed breakdown of the work effort required to complete final design of the above-described Scope of Work.

TASK 1 – FINAL DESIGN

Subtask 1 – Project Management and QA/QC

Work under this task includes additional time to administer and coordinate the various project elements and will be ongoing throughout all phases of the project. Work includes the following:

- Coordination, correspondence, and review meetings with City staff.
- Coordination with private utilities regarding the proposed locations of utility poles that require relocation due to roundabouts.
- In-house project administration, scheduling, and direction of project staff.
- Preparation of monthly progress reports.

Product(s)

- Monthly invoices and progress reports.

- Miscellaneous correspondence and letters.
- In-house monthly project meetings.

Assumption(s)

- This phase will last 6 months.

Subtask 2 – Mapping

The goal of this task will be to provide a base map with current ROW and topographical information along SR 162 and Whitehawk Boulevard to be used in final design.

Limits

- Whitehawk Extension – Mapping will be performed within the ROW limits of the intersection of Whitehawk Boulevard and SR 162 for an additional distance of 500 feet along SR 162. Additional mapping along Calistoga Street will be collected southerly of the intersection with Kansas Street.
- Existing conditions and improvements will be located during the mapping process. In general, the features will include sidewalks, curbs, fenceline, utilities, pavement marking, wetland information, and significant trees 12 inches and larger. Ground conditions such as tops, toes, and grade breaks will be gathered at sufficient intervals to create 1-foot contours.
- From existing public records and field located monuments, Parametrix will calculate and graphically show on the above-described base map the location of public road ROWs and parcel lines along the proposed alignment.

Product(s)

- Base map in AutoCAD format.

Assumption(s)

- Right-of-entry will not be required, and Parametrix surveyors will not enter private property for mapping purposes.
- The ordering of title reports and underground utility location services will be the responsibility of Parametrix.
- The setting of property corners or the recording of a Record of Survey is not a part of this scope and is not anticipated to be needed.

Subtask 3 – Right-of-Way Plans

The goal of this task will be to prepare ROW plans that show the proposed alignment and its relationship with public ROWs, private property, and buffer areas associated with wetlands and shoreline setbacks for the new Scope of Work. The following tasks will be performed:

- ROW plans will be prepared showing alignments and impacts to private property.

- Area calculations will be performed and shown on the plans for acquisition of underlying fee and fee simple parcels.
- Legal descriptions will be prepared for the proposed acquisition and will be accompanied by an exhibit map.
- A title company will be contacted to provide title reports on all parcels encumbered by the proposed alignment.

Product(s)

- ROW plans.
- Legal descriptions with exhibit maps.

Assumption(s)

- Right-of-entry will be granted to Parametrix surveyors to enter private property for mapping purposes.
- The ordering of title reports will be the responsibility of Parametrix.
- The setting of property corners or the recording of a Record of Survey is not a part of this scope and is not anticipated to be needed.
- Property acquisition coordination with property owners and preparation of purchase agreements will be completed by a ROW consultant in a separate task.

Subtask 4 – Stormwater Report

This task will provide for the preparation of a stormwater report and stormwater pollution prevention plan in accordance with the current WSDOT Hydraulics and Hydrology manuals. The following tasks will be performed:

- The stormwater facility will be a project-specific facility for treatment and detention of runoff from the intersection of SR 162 and Whitehawk Boulevard.
- The facility will be a surface runoff-style facility such as a compost amended vegetated filter strip (CAVFS) or a bioretention facility.
- Stormwater runoff will be discharged following detention and water quality treatment to an existing City- or WSDOT-owned swale prior to discharging into the Puyallup River.

Product(s)

- Stormwater Report in PDF format.
- Stormwater Pollution Prevention Plan in PDF format.

Assumption(s)

- The reports will be prepared in accordance with the requirements in the current WSDOT Hydraulics and Hydrology manuals.
- Stormwater conveyance sizing calculations will be provided based on WSDOT Standards.

Subtask 5 – Preliminary Design

The information obtained from field investigations and the Corridor Study will be incorporated into a 30 percent design. This design will show the configurations of lane widths, sidewalk, planter strips, signal layout, and stormwater facilities. An initial review of the preliminary design will take place with City staff and the design team. Modifications to the preliminary design will be made based on the initial review, and a construction cost estimate will be prepared. The revised design can then be presented to all affected stakeholders at a Street Committee meeting or workshop. This meeting will focus on the major design elements and construction cost. Feedback from this meeting will be used to further refine the design and then be routed back to the City for final approval of the major design components. Upon approval of the major design components, the channelization and intersection plan will be submitted to WSDOT for approval.

The preliminary design plan and profile will include the following elements:

1. Roadway horizontal and vertical alignment.
2. Roadway and sidewalk widths.
3. Planter locations.
4. Utility extensions.
5. Anticipated roadside safety elements.
6. Retaining wall type, size, and locations.
7. Channelization improvements.
8. Stormwater Mitigation Plan.

Product(s)

- Initial design review meeting with the City.
- Preliminary design plan and profile, 20-scale color roll plot.
- Construction cost estimate.
- Review meeting with the City on preliminary design.
- Revised preliminary design plan and profile, 20-scale color roll plot.
- Revised construction cost estimate.
- Channelization plans for approval will be delivered to WSDOT for review and comment.

Assumption(s)

- Two meetings will be required to finalize the preliminary design.
- The City will invite stakeholders to design review meetings.

- Channelization plans will only be provided to WSDOT for review for the SR 162/Whitehawk Boulevard intersection.

Subtask 6 – Final Design

The purpose of this task will be to develop updates to the final plans necessary for bidding and construction. All materials and installation procedures will be in conformance with the City of Orting Standards and WSDOT Standards, except as modified to address specific project needs. All plans will be completed using AutoCAD Civil 3D 2020. Plan format, layout, and presentation will follow the format of past projects completed for the City by Parametrix. The following Final Plan Sheet Index is anticipated:

Table 1. Final Plan Sheet Index

Plan Sheet	Number of Sheets
Demolition and Utility Relocation Plan Updates (20 scale plan)	2
Roundabout Plan and Profile SR 162 (20 scale plan)	4
Roundabout Plan and Profile Calistoga (20 scale plan)	4
Stormwater Mitigation Plan and Details SR 162	3
Wall Plan and Profile and Details	3
Total Additional Estimated Sheet Count	16

Product(s)

- Opinion of probable construction cost.
- One full-size (22 by 34) and five half-size (11 by 17) sets of camera-ready reproducible plans.

Assumption(s)

- The Scope of Work and Budget for final design assumes that the decisions made for the new Scope will not change. Changes to items such as sidewalk location, stormwater treatment type and location, and vertical and horizontal alignment of the roadway will be considered extra work.
- The Scope of Work and Budget for final design assumes that the intersection plans at the Whitehawk/SR 162 intersection will be approved by WSDOT within two review cycles following the initial submittal. Additional review requests by WSDOT will be considered extra work.

TASK 2 – ENVIRONMENTAL DOCUMENTATION AND PERMITTING

Subtask 2.1 – Update Environmental Permits

Parametrix will update the previously prepared environmental permit documentation to match the new Project Scope. The additional permit impacts are created by expanding the stormwater pond limits within a critical area.

It is assumed that the following permits will be modified after NEPA approval:

- Section 401/404 Permit.

- Section 403(b)(1) Analysis Permit.
- Critical Area Report and Mitigation Plan.
- Shoreline Permit.

Product(s)

- Draft and Final permits for submittal to the City.
- PDF versions of all draft and final documents will be provided in addition to up to six printed hard copies.

Assumption(s)

- All permits were prepared under a previous Project and only modification of existing documentation is included in this task.
- City and Agency comments on draft deliverables will be submitted to Parametrix in a consolidated Excel spreadsheet comment form.

SUBCONSULTANT – RIGHT OF WAY ACQUISITION

Epic Land Solutions – Additional Parcel Acquisition

Due to the new roundabouts, additional parcels are anticipated to require acquisition. A complete list of parcels is included below:

Taxpayer Name	Parcel Number	Description
Ameri-Orting Development	0519301703	Private Parcel – Requires Acquisition Services
Orting School District	0519304036	Public Parcel – Acquisition Services Not Required
City of Orting	0519304037	Public Parcel – Acquisition Services Not Required
City of Orting	0519311113	Public Parcel – Acquisition Services Not Required
City of Orting	7000940480	Public Parcel – Acquisition Services Not Required
Wang Family	0519311700	Private Parcel – (Included in Previous Project)
City of Orting	6830000030	Public Parcel – (Included in Previous Project)
Minnick Family	6830000015	Private Parcel – (Included in Previous Project)
City of Orting	0519311068	Public Parcel – (Included in Previous Project)
Block Family	0519311037	Private Parcel – Requires Acquisition Services
Park Family	6830000020	Private Parcel – Requires Acquisition Services
Bishop Family	0519311108	Private Parcel – Requires Acquisition Services
Mckittrick Family	0519311062	Private Parcel – Requires Acquisition Services
Villalobos Family	0519315001	Private Parcel – Requires Acquisition Services
PSE	0519311047	Private Parcel – Requires Acquisition Services
City of Orting	0519293132	Public Parcel – Acquisition Services Not Required
City of Orting	0519293132	Public Parcel – Acquisition Services Not Required

Product(s)

- Project Funding Estimate including Temporary Construction Easements and Permanent Easements. (Included in previous project)
- Titles and Title Review. (Except parcels include in the previous project)
- Administrative Offer Summary – Appraisal waivers are assumed for all public parcels.
- Appraisals, Cost to Cure, and Appraisal Review.
- Negotiation with Private Property Owners.
- Title Transfers to State/City.
- Diary and all Documentation for WSDOT Project Management Review.

Assumption(s)

- None of the parcels listed in this task require relocation services.
- The City will provide all negotiation with the School District.
- The City will prepare all outreach documentation necessary for Section 4(f) compliance.
- The City will perform all outreach necessary for Section 4(f) compliance.

SUBCONSULTANT – PH Consulting

The purpose of this task will be to develop updates to the final plans necessary for bidding and construction. All materials and installation procedures will be in conformance with the City of Orting Standards and WSDOT Standards, except as modified to address specific project needs. All plans will be completed using AutoCAD Civil 3D 2020. Plan format, layout, and presentation will follow the format of past projects completed for the City by Parametrix. The following Final Plan Sheet Index is anticipated:

Table 2. Final Plan Sheet Index

Plan Sheet	Number of Sheets
Channelization, Signage, and RRFP Plan Updates (20 scale plan)	5
Illumination Plans and Details (SR 162 and Calistoga)	3
Approved Channelization Plans (WSDOT)	3
Total Additional Estimated Sheet Count	12

Product(s)

- WSDOT Channelization Plan For Approval (PFA) for a roundabout at SR 162.
- Opinion of probable construction cost.
- One full-size (22 by 34) and five half-size (11 by 17) sets of camera-ready reproducible plans.

Assumption(s)

- The Scope of Work and Budget for final design assumes that the decisions made for the new Scope will not change.
- The Scope of Work and Budget for final design assumes that the channelization plans at the Whitehawk/SR 162 intersection will be approved by WSDOT within two review cycles following the initial submittal.

PHASE 3 – CONSTRUCTION SERVICES

Optional Subtasks – Construction Services

Construction services have not been included as part of this Scope of Work, but Parametrix is available to provide additional support to the City during construction.

Exhibit D

Prime Consultant Cost Computations

Project: Whitehawk Boulevard Extension RTCC Grant Application

Direct Salary Cost (DSC):

<u>Classification</u>	<u>Man Hours</u>	=	<u>Rate</u>	=	<u>Cost</u>
Sr Engineer	80	X	\$87.56		\$7,004.80
Sr Project Constrols Specialist	40	X	\$54.18		\$2,167.20
Engineer III	480	X	\$52.00		\$24,960.00
Designer IV	480	X	\$57.55		\$27,624.00
Survey Supervisor	40	X	\$75.00		\$3,000.00
Technical Lead	80	X	\$46.97		\$3,757.60
Project Accountant	12	X	\$37.65		\$451.80
Publications Supervisor	12	X	\$47.98		\$575.76
Division Manager	40	X	\$87.50		\$3,500.00
Sr Scientist/Biologist	120	X	\$70.52		\$8,462.40
Scientist III	240	X	\$49.38		\$11,851.20
		X			\$0.00
		X			\$0.00
		X			\$0.00
		X			\$0.00
		X			\$0.00
		X			\$0.00
		X			\$0.00
		X			\$0.00
		X			\$0.00
				Total DSC	= \$93,354.76

Overhead (OH Cost -- including Salary Additives):

OH Rate x DSC of 175.31 % x \$ \$93,354.76 \$163,660.23

Fixed Fee (FF):

FF Rate x DSC of 30 % x \$ \$93,354.76 \$28,006.43

Reimbursables:

Itemized \$213.00

Subconsultants:

Epic Land Solutions \$34,464.00
PH Consulting, LLC \$57,320.80

Grand Total

\$377,019.22

Jack Wright Date: 1/24/2023

Agreement Number:



PUBLIC WORKS AGENDA REPORT REQUEST

Old Business

DEPARTMENT: Public Works Dept.

Topic	Summary	Time Needed
Well 1	Next step in reducing Manganese from Well One	5 minutes

Topic	Summary	Time Needed
Job Opportunities/Posting	Advertising for Storm and Eng. Tech position, budgeted	4 minutes

Topic	Summary	Time Needed
2023-2025 Landscape Bid	Landscaping 3-year contract, 2 bidders, recommend awarding to low bidder	3 minutes

New Business:

Topic	Summary	Time Needed
Water Comp Plan	Water system upgrades to existing comp plan	

Topic	Summary	Time Needed
Daffodil Prep	Spring landscaping prep by Daffodil Parade	

Topic	Summary	Time Needed
Speed Data	Varner Ave SE & Olive St SE	

