

State of Washington  
**PROJECT REVIEW COMMITTEE (PRC)**  
**GC/CM PROJECT APPLICATION**  
*To Use the General Contractor/Construction Manager (GC/CM)*  
*Alternative Contracting Procedure*

The PRC will only consider complete applications: Incomplete applications may result in delay of action on your application. Responses to Questions 1-7 and 9 should not exceed 20 pages (*font size 11 or larger*). Provide no more than six sketches, diagrams or drawings under Question 8.

**Identification of Applicant**

- a) Legal name of Public Body (your organization): **Kitsap County, WA**
- b) Mailing Address: **12351 Brownsville Hwy NE, Poulsbo, WA 98370**
- c) Contact Person Name: **Chris Sheridan** Title: **Sewer Utility Operations Manager**
- d) Phone Number: **360-981-1765** E-mail: **csheridan@kitsap.gov**

**1. Brief Description of Proposed Project**

- a) Name of Project: **CKTP Solids and Liquid Hauled Waste Upgrades**
- b) County of Project Location: **Kitsap**
- c) Please describe the project in no more than two short paragraphs. (*See Example on Project Description*)  
**(See Attachment A).**
- d) Applying for permission to utilize Alternative Subcontractor Selection with this application? **No**  
(*if no, applicant must apply separately at a later date utilizing Supplement B*)

**2. Projected Total Cost for the Project:**

**A. Project Budget**

Costs for Professional Services (A/E, Legal etc.)	<b>\$6.6M</b>
Estimated project construction costs (including construction contingencies):	<b>\$50.8M</b>
Equipment and furnishing costs	<b>\$60k</b>
Off-site costs	<b>\$0.6M</b>
Contract administration costs (owner, cm etc.)	<b>\$5.5M</b>
Contingencies (design & owner)	<b>\$8.2M</b>
Other related project costs (briefly describe)	<b>\$5.0M</b>
Alternative Subcontractor Selection costs	<b>\$0</b>
Sales Tax	<b>\$3.6M</b>
<b>Total</b>	<b>\$80.4M</b>

**B. Funding Status**

Please describe the funding status for the whole project. Note: *If funding is not available, please explain how and when funding is anticipated*

**The County has set aside funding to cover the costs for professional services (including a completed design and legal expenses) at this time. In addition, funding is also available for the demolition of the maintenance building, temporary housing of maintenance staff and pre-purchase of long lead time equipment.**

**The remainder of the project's construction costs are anticipated to be financed. The County is in the process of developing a funding strategy to pursue federal and state grants. The funding strategy will likely also include an application for financing from the State Revolving Fund and potentially EPA's WIFIA Program. Any project needs not financed by SRF or WIFIA may need to be funded by bonds.**

**3. Anticipated Project Design and Construction Schedule (See Attachment B)**

Please provide:

The anticipated project design and construction schedule, including:

- a) Procurement; (*including the use of alternative subcontractor selection, if applicable*)
- b) Hiring consultants if not already hired; and

- c) Employing staff or hiring consultants to manage the project if not already employed or hired.  
(See Example on Design & Construction Schedule)
- d) Provide an updated schedule to include Alternative Subcontractor Selection Procurement process.  
(If applicable)

**4. Why the GC/CM Contracting Procedure is Appropriate for this Project (See Attachment A)**

Please provide a detailed explanation of why use of the contracting procedure is appropriate for the proposed project. Please address the following, as appropriate:

- If implementation of the project involves complex scheduling, phasing, or coordination, what are the complexities?
- If the project involves construction at an existing facility that must continue to operate during construction, what are the operational impacts on occupants that must be addressed?  
*Note: Please identify functions within the existing facility which require relocation during construction and how construction sequencing will affect them. As part of your response, you may refer to the drawings or sketches that you provide under Question 8.*
- If involvement of the GC/CM is critical during the design phase, why is this involvement critical?
- If the project encompasses a complex or technical work environment, what is this environment?
- If the project requires specialized work on a building that has historical significance, why is the building of historical significance and what is the specialized work that must be done?
- If the project is declared heavy civil and the public body elects to procure the project as heavy civil, why is the GC/CM heavy civil contracting procedure appropriate for the proposed project?

**5. Public Benefit (See Attachment A)**

In addition to the above information, please provide information on how use of the GC/CM contracting procedure will serve the public interest (For Public Benefit related only to Alternative Subcontractor Selection, use Supplement A or Supplement B, if your organization decides to use this selection process. Refer to Question No. 11 of this application for guidance). For example, your description must address, but is not limited to:

- How this contracting method provides a substantial fiscal benefit; or
- How the use of the traditional method of awarding contracts in a lump sum is not practical for meeting desired quality standards or delivery schedules.
- In the case of heavy civil GC/CM, why the heavy civil contracting procedure serves the public interest.

**6. Public Body Qualifications (See Attachment A)**

Please provide:

- A description of your organization's qualifications to use the GC/CM contracting procedure.
- A **Project** organizational chart, showing all existing or planned staff and consultant roles.  
*Note: The organizational chart must show the level of involvement and main responsibilities anticipated for each position throughout the project (for example, full-time project manager). If acronyms are used, a key should be provided. (See Example on Project Organizational Chart) (See Attachment C)*
- Staff and consultant short biographies (not complete résumés).
- Provide the **experience and role on previous GC/CM projects delivered** under RCW 39.10 or equivalent experience for each staff member or consultant in key positions on the proposed project.  
(See Example Staff/Contractor Project Experience and Role. The applicant shall use the abbreviations as identified in the example in the attachment.) (See Attachment D)
- The qualifications of the existing or planned project manager and consultants. (See bios in Attachment A)
- If the project manager is interim until your organization has employed staff or hired a consultant as the project manager, indicate whether sufficient funds are available for this purpose and how long it is anticipated the interim project manager will serve.
- A brief summary of the construction experience of your organization's project management team that is relevant to the project.
- A description of the controls your organization will have in place to ensure that the project is adequately managed.
- A brief description of your planned GC/CM procurement process.

- Verification that your organization has already developed (or provide your plan to develop) specific GC/CM or heavy civil GC/CM contract terms.

**7. Public Body (your organization) Construction History: (See Attachment E)**

Provide a matrix summary of your organization’s construction activity for the past six years outlining project data in content and format per the attached sample provided: (See Example Construction History. The applicant shall use the abbreviations as identified in the example in the attachment.)

- 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
- Small-, minority-, women-, and veteran-owned business participation planned and actual utilization

**8. Preliminary Concepts, sketches or plans depicting the project (See Attachment F)**

To assist the PRC with understanding your proposed project, please provide a combination of up to six concepts, drawings, sketches, diagrams, or plan/section documents which best depict your project. In electronic submissions these documents must be provided in a PDF or JPEG format for easy distribution. (See Example concepts, sketches or plans depicting the project.) At a minimum, please try to include the following:

- An overview site plan (indicating existing structure and new structures)
- Plan or section views which show existing vs. renovation plans particularly for areas that will remain occupied during construction.

**Note:** Applicant may utilize photos to further depict project issues during their presentation to the PRC.

**9. Resolution of Audit Findings on Previous Public Works Projects**

If your organization had audit findings on **any** project identified in your response to Question 7, please specify the project, briefly state those findings, and describe how your organization resolved them.

**No audit findings**

**10. Subcontractor Outreach**

Please describe your subcontractor outreach and how the public body will encourage small-, minority-, women-, and veteran-owned business participation.

**The County will include in the GC/CM RFQ a listing of aspirational goals and the requirement that Proposer’s include a Diverse Business Inclusion Plan as part of their proposal. The RFQ may include an Inclusion Plan template and listings for information on certified firms.**

**11. Alternative Subcontractor Selection**

- If your organization anticipates using this method of subcontractor selection and the scope of work is anticipated to be over \$3M, please provide a completed *Supplement A, Alternative Subcontractor Selection Application* document, one per each desired subcontractor/subcontract package.
- If applicability of this method will be determined after the project has been approved for GC/CM alternative contracting or your project is anticipated to be under \$3M, respond with **N/A** to this question.
- If your organization in conjunction with the GC/CM decide to use the alternative subcontractor method in the future and your project is anticipated to be over \$3M, you will then complete the *Supplement B Alternative Subcontractor Selection Application* and submit it to the PRC for consideration at a future meeting.

**CAUTION TO APPLICANTS**

The definition of the project is at the applicant’s discretion. The entire project, including all components, must meet the criteria to be approved.

**SIGNATURE OF AUTHORIZED REPRESENTATIVE**

In submitting this application, you, as the authorized representative of your organization, understand that: (1) the PRC may request additional information about your organization, its construction history, and the proposed

project; and (2) your organization is required to submit information requested by the PRC. You agree to submit this information in a timely manner and understand that failure to do so may delay action on your application.

If the PRC approves your request to use the GC/CM contracting procedure, you also you also agree to provide additional information if requested. For each GC/CM project, documentation supporting compliance with the limitations on the GC/CM self-performed work will be required. This information may include but is not limited to: a construction management and contracting plan, final subcontracting plan and/or a final TCC/MACC summary with subcontract awards, or similar.

I have carefully reviewed the information provided and attest that this is a complete, correct and true application.

Signature:  \_\_\_\_\_

Name *(please print)*: Chris Sheridan *(public body personnel)*

Title: Utility Operations Manager

Date: August 21, 2023

## Project Review Committee (PRC)

### GC/CM Project Application Supplementary Information

This attachment provides answers to questions within the Application that were best placed in a separate document. On the Application you will see the text “See Attachment \_\_\_” with a letter for finding the appropriate document. Each numbered section in this attachment matches the corresponding section on the Application.

#### 1) Brief Description of Proposed Project

c) Please describe the project in no more than two short paragraphs:

Central Kitsap WWTP provides wastewater treatment for much of the central Kitsap County. Solids, including those hauled from the County’s other treatment plants, are thickened and digested anaerobically at CKTP before dewatering and disposal. CKTP also receives Liquid Hauled Waste (LHW) in the form of septage and fats, oils, and grease (FOG). The plant is rated for maximum month flow rate of 6.0 million gallons per day (MGD) as listed in their NPDES Permit. The treated effluent is discharged to Port Orchard Bay of the Puget Sound in accordance with the NPDES Permit.

Given the age of the existing equipment, the steady increase in both WWTP solids and LHW, and changing permit conditions, the facilities currently experience capacity, operational, and performance issues. It will also be necessary to construct a replacement maintenance facility for the CKTP to provide a location for new anaerobic digestion. A lack of redundancy also constrains routine maintenance and emergency operations. As part of the 2020 Sewer Comprehensive Planning process, the County evaluated existing conditions and alternative improvement upgrades and compiled those findings into a preferred capital project. The results of that analysis – including a layout of the treatment plant presented in a technical memorandum CKTP Solids Handling Improvement Recommendations, dated Oct. 19, 2022. To summarize, The County intends to use GC/CM to facilitate coordinated capital improvement work on a compact site that must remain in operation to safeguard public health and safety. The County intends to use the Contractor’s expertise to assist with design, equipment selection and planning of construction phasing.

#### 2) Projected Total Cost for the Project

*Project Budget*

*Other Related Project Costs Description:* Land purchase and relocation of staff.

#### 4) Why the GC/CM Contracting Procedure is Appropriate for this Project

- *If implementation of the project involves complex scheduling, phasing, or coordination, what are the complexities?*

Currently the project is separated into multiple phases to keep the plant operating successfully throughout construction. In addition, due to current supply chain realities, we expect to need to utilize multiple GMPs to keep the project on schedule. Additional detail is provided below:

- Construction must begin with removal of the existing maintenance building. No treatment improvements may be constructed until this step is complete.
  - Once the demolition is complete, two separate phases of construction must happen simultaneously for both the maintenance building and the treatment facilities. The treatment facilities are broken down even further into two sub-phases. The first phase contains the digesters, digester control building, and sludge thickening. This first phase must be constructed and successfully commissioned before beginning construction of the second sub-phase which includes septage/fats-oils-grease receiving, rehabilitation of existing digesters and other items. All of these phases of construction will require extensive coordination with the GC/CM during design and construction to keep the project on schedule and the plant operating successfully.
- *If the project involves construction at an existing facility that must continue to operate during construction, what are the operational impacts on occupants that must be addressed? Note: Please identify functions within the existing facility which require relocation during construction and how construction sequencing will affect them. As part of your response, you may refer to the drawings or sketches that you provide under Question 8.*

As mentioned above, the existing maintenance building must be demolished before any treatment facilities construction can take place. This will require relocation of the equipment for maintenance operations as well as the personnel currently performing maintenance functions in the maintenance building. The proposed construction sequencing will require these functions and personnel to be relocated in the summer of 2024 to maintain the proposed project schedule.

Maintenance of plant operations includes continued operation of sludge thickening, acceptance of liquid hauled waste, digestion of solids to meet Class-B specifications and dewatering of biosolids while still maintaining NPDES permit requirements.

- *If involvement of the GC/CM is critical during the design phase, why is this involvement critical?*

As noted above, construction sequencing is critical to keep the plant operating successfully – involvement of the GC/CM early in the design phase will allow for proactive planning ahead of the start of construction. The current construction environment is experiencing significant delays due to supply chain issues and personnel shortages. Due to the failing nature of existing facilities, the County believes that involvement of the GC/CM during the design phase will optimize equipment selections and construction sequencing to avoid costly delays that many projects are currently experiencing.

- *If the project encompasses a complex or technical work environment, what is this environment?*

The project will improve critical segments of the CKTP solids handling. The environment is both complex and technical, with treatment processes involving live organisms that must be kept healthy by licensed operators throughout the construction process. This will require tremendous amounts of coordination with the GC/CM to plan construction sequencing and commissioning. In addition, the digestion process produces methane in significant quantities. This will also require close coordination between the designer, GC/CM and County to ensure current operating and new gas handling systems are constructed, tested and commissioned per stringent specifications.

- *If the project requires specialized work on a building that has historical significance, why is the building of historical significance and what is the specialized work that must be done?*

This is not applicable to this project.

- *If the project is declared heavy civil and the public body elects to procure the project as heavy civil, why is the GC/CM heavy civil contracting procedure appropriate for the proposed project?*

This project is not being proposed as heavy civil.

## **5) Public Benefit**

- *How this contracting method provides a substantial fiscal benefit; or*
- *How the use of the traditional method of awarding contracts in a lump sum is not practical for meeting desired quality standards or delivery schedules.*
- *In the case of heavy civil GC/CM, why the heavy civil contracting procedure serves the public interest.*

As mentioned in Section 4, the urgency and financial impact to the Sewer Utility ratepayers will require expedited scheduling of each phase of construction and

accurate GMP's that only a GC/CM approach will provide. Examples of financial impacts due to scheduling oversights and poor cost estimates are as follows.

The demolition, construction, re-purposing and commissioning of multiple new treatment processes in an operating plant will mandate the development a closely coordinated "Maintenance of Plant Operations" between the owner, GC/CM and design firm. Each phase of construction schedule will be heavily influenced by the arrival of long lead time equipment such as power distribution switchgear, motorized valves and proprietary treatment equipment. Missed deadlines or delays in equipment delivery will have significant cost and schedule impacts.

The benefit of a design with early GC/CM involvement will be more effective selection of equipment for new treatment processes. The GC/CM will be better positioned to not only manage supply chain issues, but also able forecast the true level of effort to install the equipment including necessary specialty items or materials. The GC/CM will also be better prepared to estimate the cost of necessary bypassing or temporary equipment necessary to maintain operations of the plant.

Failure to maintain plant operations may result in higher operating costs, non-compliance with state and federal effluent discharge requirements and negative environmental impacts to the receiving water (Port Orchard Bay – Salish Sea).

## 6) Public Body Qualifications

- *A description of your organization's qualifications to use the GC/CM contracting procedure.*

Kitsap County has spent the past 6 months working with HDR staff to determine the best delivery method for the upcoming CKTP project. After hosting a workshop led by HDR staff to determine the most suitable delivery method for the Project, the County decided to proceed with GC/CM. In addition to GC/CM, the County considered Progressive Design Build, Design Build Operate. The County is performing the following to supplement their GC/CM experience and enhance their qualifications to use GC/CM:

- a. The County is obtaining training for County management staff and plant staff from WCDA to become GC/CM certified,
- b. A Contract with Perkins Coie has been negotiated to provide industry standard and complete contract documents,
- c. HDR Engineering is contracted to provide design services throughout the design and construction process.
- d. Construction management is planned to be performed by the County, but third-party construction management services may be considered if needed.

- *A **Project** organizational chart, showing all existing or planned staff and consultant roles. **Note:** The organizational chart must show the level of involvement and main responsibilities anticipated for each position throughout the project (for example, full-time project manager). If acronyms are used, a key should be provided. (See Example on Project Organizational Chart)*

*(See Attachment C)*



- *Staff and consultant short biographies (not complete résumés).*

### **Chris Sheridan**

#### **Kitsap County, Sewer Utility Operations Manager**

Chris has 36 years of public and private sector experience in the operation, maintenance, and management of water supply and wastewater treatment systems. He is currently employed as Kitsap County Public Works Sewer Utility Operations Manager. Chris has worked with several agencies in evaluating treatment facilities and identifying appropriate operations and maintenance activities to either preserve their assets or plan for replacement. He has supervised and performed major equipment overhauls, new equipment installation, system replacements, process stress testing, and facility startups.

### **Nick Martin, PMP**

#### **Kitsap County, Construction Manager**

Nick has been a project manager for the last 13 years, the last year at Kitsap County. He has experience with project and construction management as well as having obtained his certification as a Project Management Professional (PMP) from the Project Management Institute. He is also Nassco certified. Nick has three years of experience with GC/CM and Design Build projects as a subcontractor for concrete road paving jobs on I-5 and I-90.

### **David Gecas**

#### **Kitsap County, Kitsap County Prosecutors Office**

David has spent the last year and a half at Kitsap County as a senior civil deputy prosecutor working with the Sewer Utility. He has nine years' experience as a senior civil deputy prosecutor where in those nine years he has done some review of construction and design contracts for multiple projects.

### **Glen McNeil**

#### **Kitsap County, Purchasing and Procurement Manager**

Glen has been with Kitsap County for two years in his role as Purchasing Supervisor. He has fourteen years in Government purchasing and contracts. The last 7 years have been spent providing purchasing and contracting services for public works entities.

### **Andrew Staples, PE, PMP**

#### **HDR Engineering, Senior Project Manager**

Andrew provides project management services for a variety of projects, but focuses on treatment plant design and construction projects throughout the NW. In his 20-year career he has led the procurement of multiple alternative delivery projects, including GC/CM in Washington state. He managed the construction of two of the City of Spokane's large GC/CM projects, Combined Sewer Overflows (CSO) 24 and 26, together valued at near \$60M in construction and both located in downtown Spokane. He is a certified Project Management Professional (PMP) with the Project

Management Institute. Andrew served for 10 years as the City Engineer of Liberty Lake, WA, managing all of their capital projects and programs providing him with extensive experience in municipal construction and operations. Andrew is also involved in construction management of treatment plants in multiple states in the northwest.

## **Guy Voss, PE**

### **HDR Engineering, West Region Alternative Project Delivery Leader**

Guy serves HDR as an Associate Vice President and leader of Collaborative Project Delivery as well as Owner Advisor services for HDR's Water Group across the United States and Canada. He brings more than 26 years of global experience in business leadership, client service, and collaborative project delivery in the water/wastewater engineering and construction market. He has worked for both engineering and construction companies where, using many forms of collaborative delivery, has helped plan for and deliver close to \$8B of infrastructure on every continent, except Antarctica. Guy is an active member and sits on the Board of the Water Collaborative Delivery Association (WCDA) where he co-authored the 2021 research report titled "Advancing Project Success and Avoiding Failure," bringing valuable knowledge and confidence in the use of collaborative delivery methods, as well as helped sponsor Senate Bill 991 that provides for the use of progressive design-build for all water agencies in California.

## **Todd Jensen, PE, CCM**

### **HDR Engineering, WA Water Construction Management Lead**

Todd serves as HDR's Washington CM/Field lead and brings over 34 years of experience serving municipal clients in virtually all facets of Owner's construction management services. This includes starting out his career as a project engineer/on-site inspector and then progressing as the project manager/construction manager on dozens of projects. He has also served as Owner's Engineer on a 142 million dollar wastewater treatment plant Design/Build/Operate project which incidentally is Spokane County's largest construction project to date. He is licensed in Washington and Idaho as a Registered Professional Engineer and is also holds a Certified Construction Manager certificate from the Construction Manager Certification Institute. He is very familiar with design/bid/build (DBB) contracting as well as with the many forms of Washington State Alternative Delivery contracting including General Contractor/Construction Manager (GCCM), Design Build (DB), and Progressive Design Build (PDB).

## **Mica Klein**

### **Perkins Coie, Partner**

Mica Klein's practice focuses on complex construction transactions and litigation. As a member of Perkins Coie's nationally recognized Construction practice (ranked Tier 1 nationally for Construction Law in U.S. News "Best Lawyers and Law Firms" and Band 1 in Washington by Chambers USA), Mica counsels project owners across Washington, the United States, and international jurisdictions, regarding all aspects of construction, ranging from project development to project closeout.

For her public clients, Mica regularly advises on Washington's Public Works Law (RCW 39.04), as well as regarding GC/CM and design-build projects procured under Washington's Alternative Public Works Statute (RCW 39.10) and other similar state

laws. In addition, she has extensive experience in responding to and defending public clients against bid protests and addressing various other public procurement issues.

When disputes arise, Mica advises her clients regarding all aspects of construction dispute resolution, including mediation, arbitration, and litigation. In this capacity, she has successfully represented clients in state and federal courts throughout Washington and the United States, and has achieved a track record of success at obtaining prompt, high value resolutions for her clients.

- *Provide the **experience and role on previous GC/CM projects delivered** under RCW 39.10 or equivalent experience for each staff member or consultant in key positions on the proposed project. (See Example Staff/Contractor Project Experience and Role. The applicant shall use the abbreviations as identified in the example in the attachment.)*

**(See Attachment D)**

- *The qualifications of the existing or planned project manager and consultants.*  
See bios.
- *If the project manager is interim until your organization has employed staff or hired a consultant as the project manager, indicate whether sufficient funds are available for this purpose and how long it is anticipated the interim project manager will serve.*  
The planned project manager is already a FTE for Kitsap County. The County is currently recruiting a capital projects manager following a retirement.
- *A brief summary of the construction experience of your organization's project management team that is relevant to the project.*

### **Chris Sheridan**

#### **Kitsap County, Sewer Utility Operations Manager**

Chris has 36 years of public and private sector experience in the operation, maintenance, and management of water supply and wastewater treatment systems. He is currently employed as Kitsap County Public Works Sewer Utility Operations Manager. He has supervised and performed major equipment overhauls, new equipment installation, system replacements, process stress testing, and facility startups. His primary experience has been in the role of owner advisor, specifically in preliminary design, control strategy descriptions, testing of newly installed equipment and facility startup and commissioning.

### **Nick Martin, PMP**

#### **Kitsap County, Construction Manager**

Nick has been a project manager for the last 13 years, the last year at Kitsap County. Currently he is managing approximately \$60M in construction contracts. Nick has also supervised multidisciplinary teams of up to 15 inspectors. He has experience with project and construction management as well as having obtained his certification as a Project Management Professional (PMP) from the Project Management Institute. Nick has three years of experience with GC/CM and Design Build projects as a subcontractor for concrete road paving jobs on I-5 and I-90.

- *A description of the controls your organization will have in place to ensure that the project is adequately managed.*

Kitsap County will use controls currently in use for public works projects under Resolution No. 217-2021, Resolution Adopting Contract Administration Policy. The County will review current controls with both Perkins Coie and HDR Engineering to ensure the project is adequately managed or if any changes may need to be made to successfully deliver the CKTP GC/CM project.

- *A brief description of your planned GC/CM procurement process.*

The County will develop a multi-step process for procurement including the following:

- a. Initial SOQ Solicitation – Statements of Qualifications will be requested through public advertisement and DBE outreach. SOQ's received will be given a consensus based ranking based on the criteria set forth in the Solicitation. The most qualified teams will be invited to interviews.
- b. Interviews – the County selection panel will identify the most qualified teams and assign points to each team based on their interview performance. After initial scoring a consensus ranking of the teams will be determined.
- c. Final Proposal – at the interview, teams will submit a Final Proposal providing sealed bid for GC/CM fees as a percentage of the Maximum Allowable Construction Cost (MACC).

The most qualified firm based on interviews and bid submitted will be selected to provide preconstruction services and for MACC negotiations.

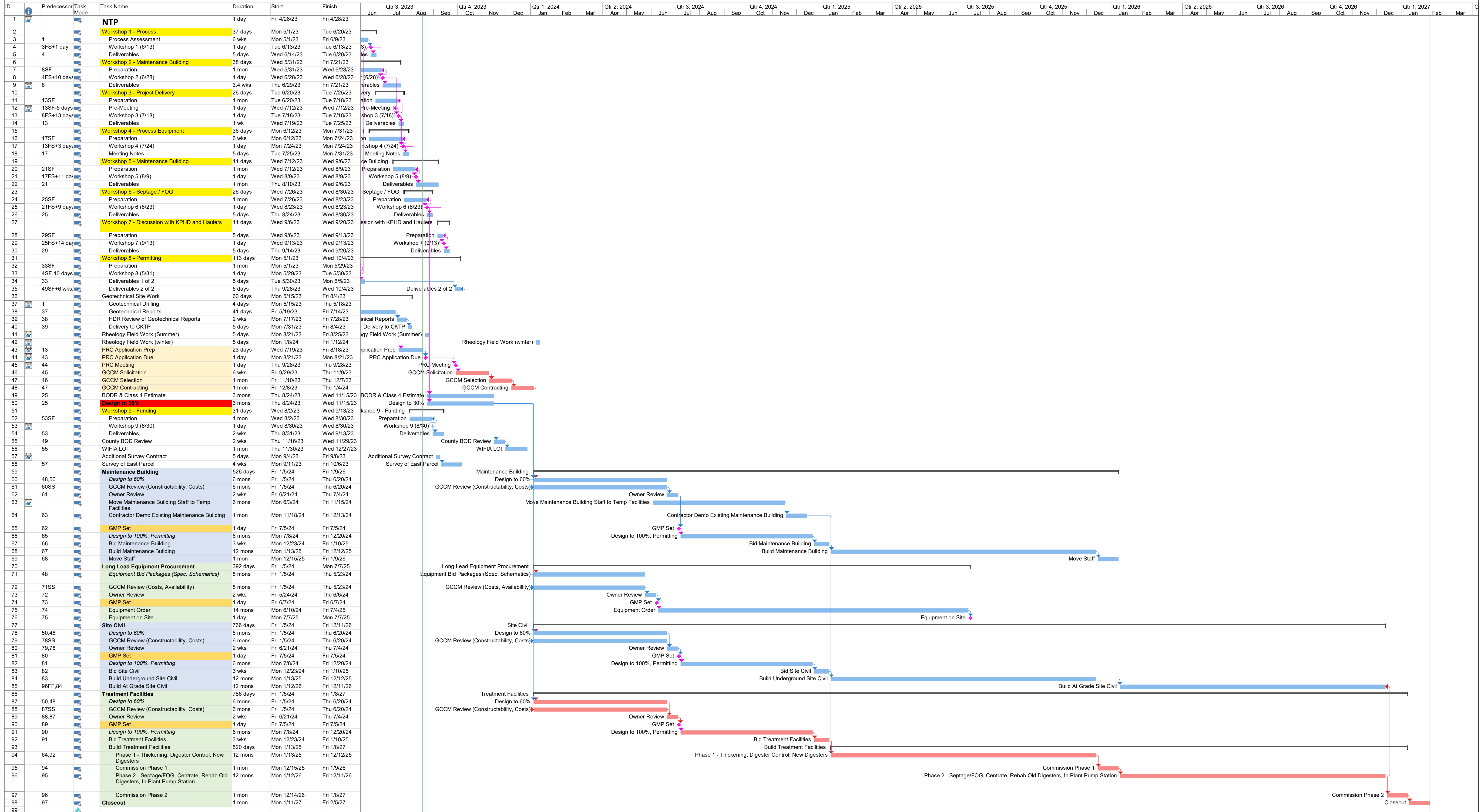
- *Verification that your organization has already developed (or provide your plan to develop) specific GC/CM or heavy civil GC/CM contract terms.*

Kitsap County has retained the services of Perkins Coie to develop GC/CM contract documents.

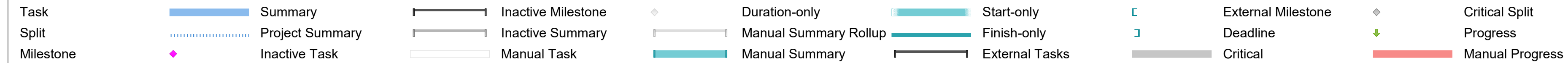


# CKTP Solids and Liquid Hauled Waste Upgrades PR001012

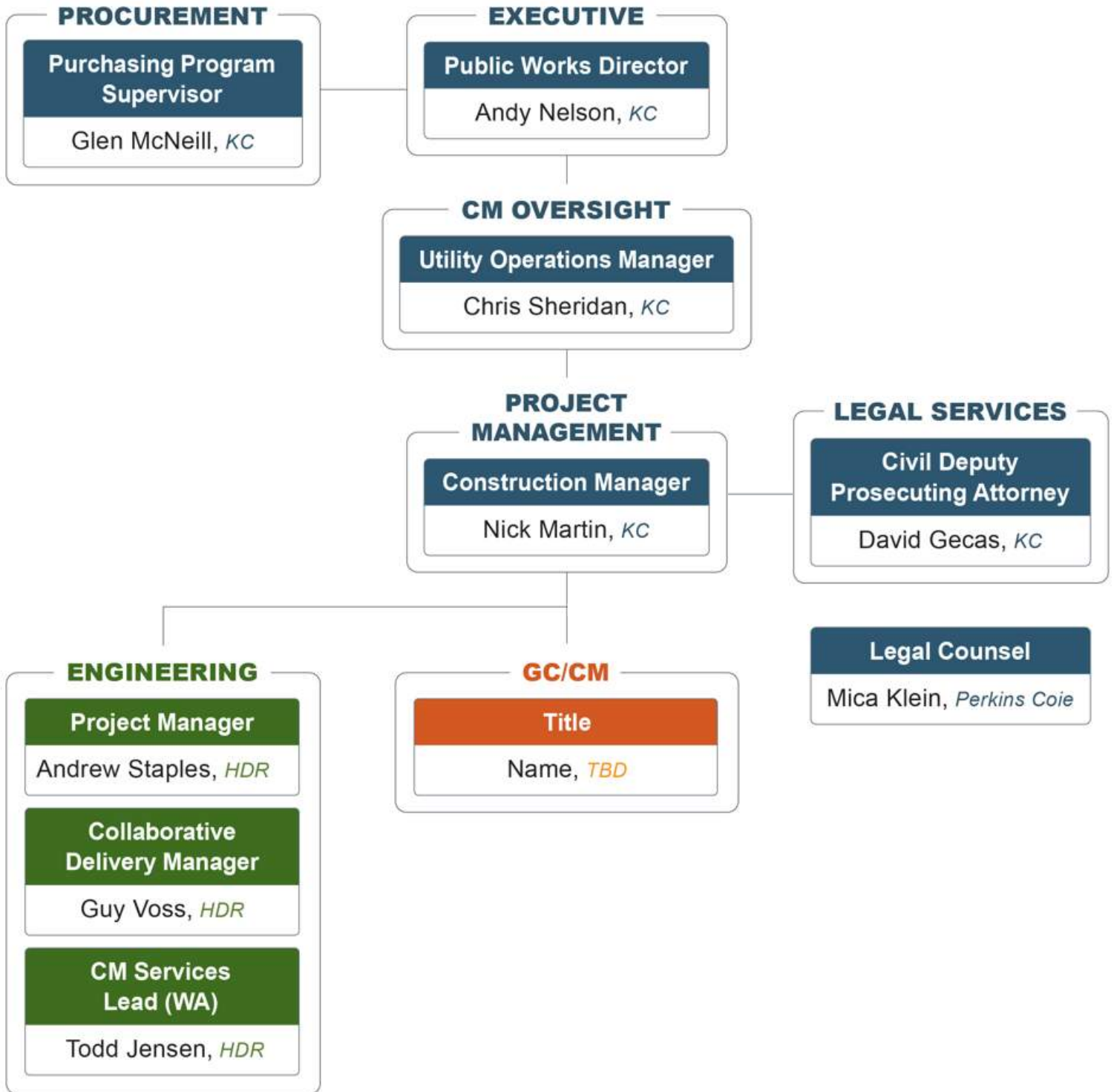
# ATTACHMENT B



Date: August 2023



# CKTP Solids and Liquid Hauled Waste Upgrades Org Chart



# ATTACHMENT D

Project Team Experience					Role during Project		
Name	Summary of Experience	Project Names	Project Size \$	Project Type	Planning	Design	Construction
Chris Sheridan	Startup and Commissioning lead for complex startup procedures and plant operations	Harry Tracy Long Term Improvements	\$270M	CMAR			OA
		Port Angeles Water Treatment	\$70M	DBB	OA		OA
		National Park Service Elwha Sedimentation Facility	\$79M	DBB			
Nick Martin	Project Manager for construction projects of varying size and type	I-5 - SR 16 Realignment - HOV Structure and Connections - Complete December 2019	\$40M	DBB			PM/Sub
		I-90 - Snoqualmie Pass East - Keechelus Dam Vicinity to Stampede Pass Interchange (Phase 2) - Complete Fall 2019	\$30M	DB			PM/Sub
		I-5 Concrete Paving ( Revive I-5)	\$15M	DBB			PM/Sub
Todd Jensen	WA Water Construction Management Lead for water and wastewater treatment plant construction throughout the NW	Spokane County Regional Water Reclamation Facility	\$142M	DBO	OA	OA	OA
		Walla Walla Mill Creek Treatment Plant		GC/CM			PM/CM
		Adams County IWTF	\$66M		PM		
		Pasco WWTP PH1	\$18M	DBB			PM
Guy Voss	West Region Alternative Project Delivery Leader for HDR, advising clients for alternative delivery projects throughout the US	Town of Paradise Sewer Project	\$300M	PDB	OA	OA	OA
		Sites Reservoir Program	\$3B	CMAR	OA	OA	OA
		SNWA Garnett Valley Water Program	\$50M	CMAR	OA	OA	OA
		Tomahawk Creek Wastewater Treatment Facility Improvements Project	\$270M	CMAR	OA	OA	OA
		City of Santa Cruz Graham Hill WTP Facility Improvement Project	\$250M	PDB	OA	OA	OA
		Carlsbad Desalination Plant	\$130M	PDB	PIC	PIC	PIC
		City of Santa Monica Sustainable Water Infrastructure Program	\$100M	PDB	PM	PM	PM
		City of Henerson Pump Station 19A Surge Mitigation Project	\$17M	CMAR	PM	PM	PM
Andrew Staples	Senior Project Manager for water and wastewater treatment plant projects throughout the NW.	Wenatchee Digester #4	\$14M	DBB	PM	PM	Asst PM
		CSO 24	\$25M	GC/CM		PM	PM
		CSO 26	\$35M	GC/CM		PM	PM
		Spokane Public Libraries (Downtown, Shadle)	\$50M	GC/CM	PM		
		Stevens Pass UV	\$1M	DBB	PM	PM	PM
		Hanford Water Treatment Facility	\$13M	DBB		PM	PM

OA - Owner's advisor

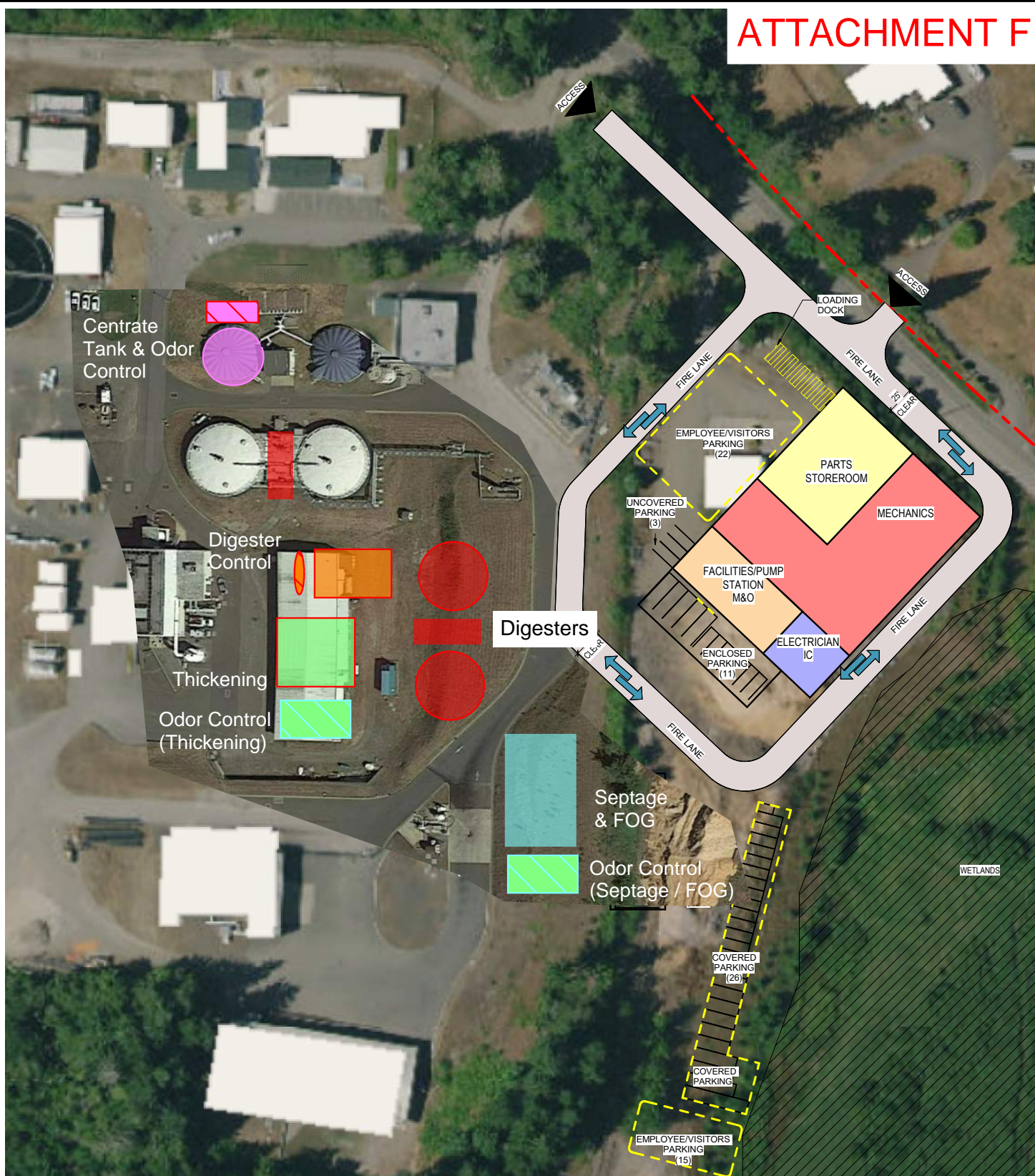
# ATTACHMENT E

## Public Body Construction History

Project #	Project Name	Project Description	Contracting Method	Notice of Award	Planned Finish	Actual Start	Actual Finish	Planned Budget	Actual Budget	Reason for Budget or schedule overrun
1	Central Kitsap Pump Stations 1, 6, 8, 18 Upgrades	Pump Station Rehabilitation including addition of submersible pumps, meter vaults, Retrofits to VDD, MCC and Main control panels, Generators, 2 new control bldgs	D-B-B	Dec-15	Mar-18	Jun-16	Jun-18	\$6.1M	\$6.3M	Amendments for adjustments made during site observation to improve the project, and for unforeseen circumstances, increase of scope of work, and contract timeline
2	Central Kitsap Pipeline Upgrades/Extension	Installation of approximately 8,740' of 6, 8, 12, 16 in gravity sewer main line and associated appurtenances. Decommissioned PS 38	D-B-B	Nov-15	Oct-17	Apr-16	Jan-18	\$7.9M	\$8.0M	Amendments for adjustments made during site observation to improve the project, and for unforeseen circumstances, increase of scope of work, and contract timeline
3	Manchester Pump Station 45, 46 & 47	Pump Station rehabilitation including new submersible pumps, wet wells, valve/meter vaults, MCC and control panels & Standby by generators, decommissioning and removal of 3 existing pump stations. CIPP beach line sewer rehabilitation	D-B-B	Nov-16	Dec-18	Apr-17	Oct-18	\$4.8M	\$5.2M	Amendments for adjustments made during site observation to improve the project, and for unforeseen circumstances, increase of scope of work, and contract timeline
4	Manchester Yukon Harbor Sewer Extension	Extend sewer along Colchester Drive and Yukon Harbor. Addition of a triplex submersible pump station, 3-inch & 8-inch Forcemains (3,900LF), 8-inch & 12-inch Gravity sewer (4,500LF), 41 total gravity lateral improvements, 29 Individual Pumping Stations (IPS) 79 available.	D-B-B	Nov-17	Dec-18	Jan-18	Mar-19	\$5.6M	\$5.5M	Delay caused by construction delays with fish window and tides
5	CKTP Dewatering System	Remove existing abandoned equipment, reduce polymer dilution water, install polymer blender, provide redundancy in equipment, controls. Install dewatering centrifuge, furnish second centrifuge	D-B-B	Feb-18	May-20	Feb-18	May-20	\$3.8M	\$3.8M	
6	CKTP UV Disinfectant System	Installation of Two High Efficiency UV Disinfection Systems, including all parts, and appurtenances, repair any failing part of channels prior to installing system	D-B-B	Nov-17	Jan-20	Nov-17	Jan-20	\$2.9M	\$2.9M	
7	CKTP Reclamation Recovery Project	Constructing renovations to the existing CKTP. Site work, utilities, new above and below grad concrete structures, new metal and concrete block buildings, mechanical and electrical systems with associated wastewater processess	D-B-B	Sep-12	Jul-15	Dec-12	Oct-16	\$29.6M	\$31.2M	Amendments for adjustments made during site observation to improve the project, and for unforeseen circumstances, increase of scope of work, and contract timeline
8	Pump Stations 16/67	Construction of gravity sewer mains and ser force main including all appurtenances and street and easement restoration.	D-B-B	Apr-15	Nov-16	Aug-15	Jan-17	\$4.7M	\$4.9M	Amendments for adjustments made during site observation to improve the project, and for unforeseen circumstances, increase of scope of work, and contract timeline



9	Kingston WWTP Oxidation Ditch Upgrade	WWTP Oxidation Ditch Upgrade-Replace aging equipment, improve process control, coat & seal influent channel/ditches, fix concrete defects, re-slope the bottom of both ditches for drainage, update influent screen, design, install electrical raeway and conduits for future actuators	D-B-B	Jul-19	Mar-21	Jul-19	Feb-21	\$2.8M	\$3M	Adjustments made during site observation to improve the project, and for unforeseen circumstances, increase of scope of work, and contract timeline
10	CKTP Modular Bldg Additions	Replace two 30-year old construction trailers with modular buildings to provide additional office space. Demolition of existing trailers, site preparation, and grading. Installation of utilities and stormwater drainage	D-B-B	Jun-20	Mar-21	Sep-20	Aug-21	\$1.3M	\$1.3M	
11	CKTP Diffuser Replacement	The demolition, removal and disposal of existing strip diffuser aeration systems and installation of owner furnished membrane disc fine-bubble diffuser systems	D-B-B	Apr-21	Nov-21	Sep-21	Nov-21	\$0.6M	\$0.6M	Reduction of scope/materials
12	Brownsville Hwy/ Emergency FM repair	Installation of 4,025ft of a 30-inch HDPE forcemain to replace the failed 24-inch DI forcemain on Brownsville Hwy.	D-B	Feb-21	n/a	n/a	Mar-22	\$0.8M	\$1.4M	This project was completed on a Force Account Basis (emergency resolution)
13	PS 19 & 31 Upgrades	Rehabilitation of two existing pump stations sites including new submersible ww pumps, wet well, valve, meter vault, masonry control bldg, onsite piping, concrete work, new electrical and control equipment, decommissioning and removal of existing PS	D-B-B	Jun-21	Jun-23	Sep-21	On-Going	\$4.8M	On Going	
14	CKTP Digester Rehab	Gas purging of existing digesters, replacement of gas safety diverter valve assemblies, digester annular seal repairs, modification of hauled sludge transfer piping, modification of digester control building valves, and piping and removal of two abandoned transfer pumps and associated piping	D-B-B	Jul-22	Jul-22	Jul-22	Mar-23	\$1.9M	\$1.5M	Reduction of scope/materials
15	Bangor/Keyport Forcemain Project	Provide the construction of approximately 5 miles of sanitary sewer force main to replace an existing failing force main, IPS connections, PS 17 & 24 upgrades and repairs	D-B-B	Apr-22	Sep-23	Oct-22	On-Going	\$18.6M	On-Going	
16	Silverdale Conveyance & PS 4	Silverdale conveyance installation of cleanouts existing side sewers installation of gravity mains. Upgrades to existing pump station, including constructing a new wet well to house 3 submersible pumps, concerting and extending the existing dry well	D-B-B	May-23			On-Going	\$10.8M	On-Going	
17	Bayshore Drive	Roadway and sidewalk replacement upgrades to sewer line including boring and CIPP lining	D-B-B	Sep-20	Nov-23	Oct-20	Jan-23	\$35.2M	\$34.8M	Reduction in scope/materials



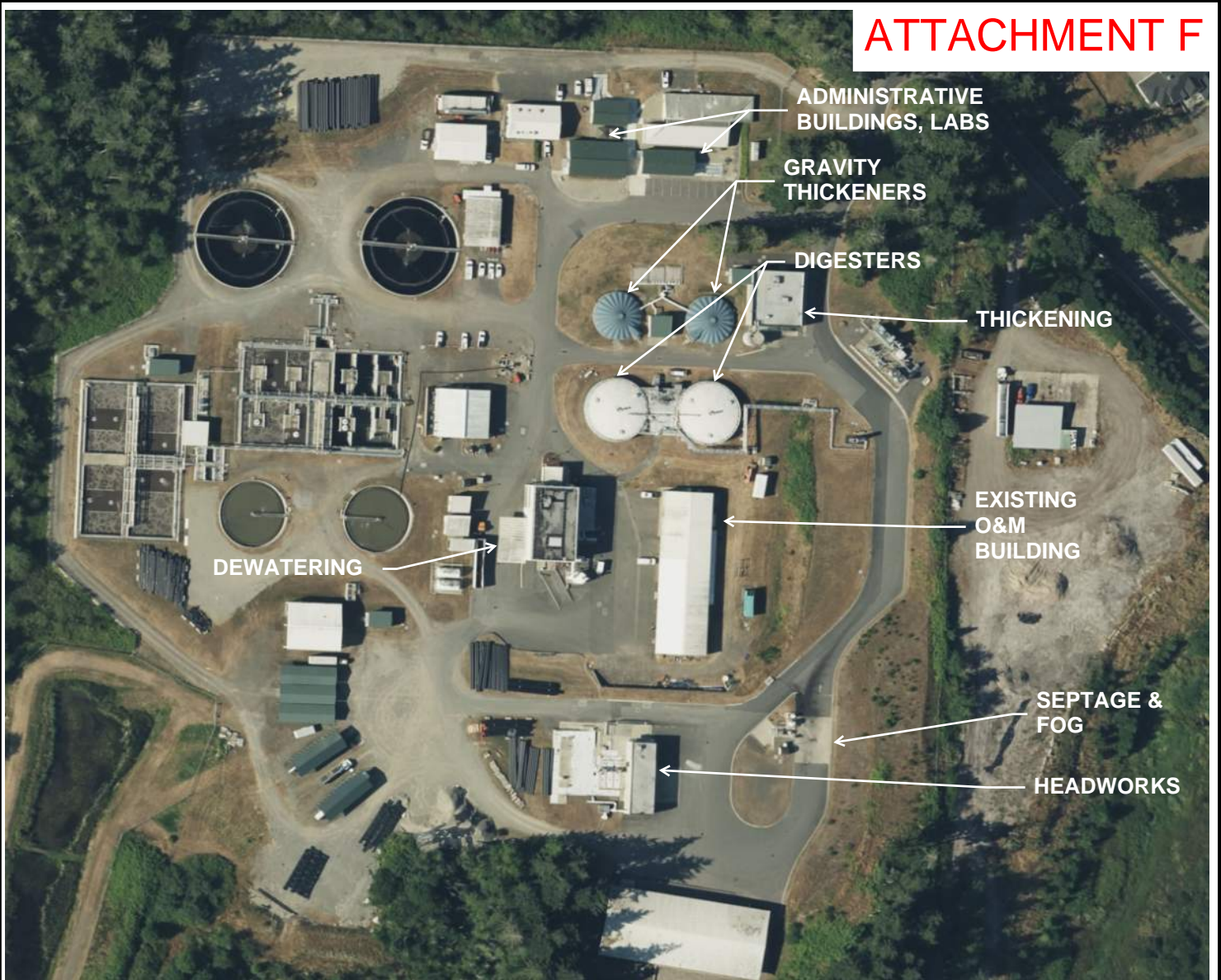
CKTP Solid and Liquid Hauled Waste Upgrades

ATTACHMENT F

DATE  
AUG 2023

FIGURE  
1

# ATTACHMENT F



## CKTP Solids and Liquid Hauled Waste Upgrades

DATE  
AUG 2023

FIGURE

2



ATTACHMENT F