

February 26, 2021

PRC@des.wa.gov Attn: Edward Peters Project Review Committee Chair Post Office Box 41476 Olympia, WA 98504-1476

# Subject: Application for Re-Certification of Public Body to use Design-Build Delivery Method

Dear Mr. Peters:

Since its inception, Sound Transit has planned, designed, constructed, and commissioned nearly \$4 billion worth of transportation and transit infrastructure in the Puget Sound region. We have established a regional express bus system throughout King, Pierce, and Snohomish Counties; a commuter rail line from Lakewood to Everett; and a light rail system from SeaTac to the University of Washington. Sound Transit continues to expand this system under the voter approved package ST3, a \$54 billion transit plan. When complete, Sound Transit's system will connect 16 cities by light rail, 12 cities by commuter rail, and 30 cities by bus throughout King, Pierce, and Snohomish counties. Re-Certification as a public body to use Design-Build as a delivery method is essential to delivering high quality transit infrastructure quickly, efficiently, and within budget.

In 2010, Sound Transit began utilizing the Design-Build delivery method, becoming a certified Public Body in 2015. Sound Transit has procured ten projects under the Design-Build delivery method, cumulating in nearly \$4 Billion for its light rail and commuter rail systems during this time; successfully completing five projects and actively constructing the remaining five. In the next four years, the region's light rail system will grow from 22 to 62 miles and from 22 to 50 stations. These expansions will open service to Seattle's Northgate area in 2021, Tacoma's Hilltop neighborhood in 2022, Bellevue and Redmond in 2023, and Lynnwood and Federal Way in 2024. The major infrastructure investments by the voters will not only support the region's future mobility, but also provide thousands of jobs to help fuel our region's economic recovery from COVID-19. Sound Transit has the necessary knowledge and experience required to deliver projects on time and in budget, and for these reasons, I am excited to submit our application for public body recertification for Design-Build.

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CHIEF EXECUTIVE OFFICER Peter M. Rogoff Edward Peters February 26, 2021 Page 2

I have appointed Nick Datz in our Procurement & Contracts Division to lead the application process for Sound Transit. Please feel free to contact Nick Datz at 206-398-5236 or nick.datz@soundtransit.org if you have any questions or need additional information. Sound Transit appreciates your consideration of this application and looks forward to your review and response.

Sincerely,

-DocuSigned by:

Peter Rogoff Peter Rogoff Chief Executive Officer

## State of Washington Capital Projects Advisory Review Board (CPARB) PROJECT REVIEW COMMITTEE (PRC)

## APPLICATION FOR RECERTIFICATION OF PUBLIC BODY

RCW 39.10 Alternative Public Works Contracting General Contractor/Construction Manager (GC/CM) and/or Design-Build (DB)

The CPARB PRC will consider recertification applications based upon agency's experience, capability, and success in undertaking Alternative Public Works Contracting utilizing the General Contractor/Construction Manager (GC/CM) and/or Design-Build (DB) project delivery process. **Incomplete applications may delay action on your application**.

## **Identification of Applicant**

- a) Legal name of Public Body (your organization): *Central Puget Sound Regional Transit (dba Sound Transit)*
- b) Address: 401 S. Jackson St., Seattle, WA 98104
- c) Contact Person Name: Nick Datz Title: Technical Advisor to Procurement and Contracts
- d) Phone Number: 206-398-5236 E-mail: nick.datz@soundtransit.org
- e) Effective Dates of current Certification \_\_\_\_\_ GC/CM 5/24/2021 DB
- f) Type of Certification Being Sought \_\_\_\_\_ GC/CM X DB
- 1. Experience and Qualifications for Determining Whether Projects Are Appropriate for GC/CM and/or DB Alternative Contracting Procedure(s) in RCW 39.10

(RCW 39.10.270 (2)(a)) Limit response to two pages or less.

Provide your agency's processes. If there have been any changes to your agency's processes since certification/re-certification addressing items (a) and (b) below, please submit the revised process chart or list with the reasoning for the changes.

There have not been changes to the processes Sound Transit utilizes when determining an appropriate delivery method for a project. There have been improvements within some of the steps taken, like improved evaluation criteria, stakeholder and technical advisor input, decision making, and accountability.

(a) The steps your organization takes to determine that use of GC/CM and/or DB is appropriate for a proposed project; and

Sound Transit continues to evaluate delivery methods early in the lifecycle of a project, prior to reaching Preliminary Engineering. This timing allows the project team to develop the project design to an appropriate level for the delivery method selected. Refer to Attachment 1a for a flow-chart that describes Sound Transit's process for determining an appropriate delivery method for each project.

(b) The steps your organization takes in approving this determination.

Oversight and approval of project delivery selection happens at a couple different points. The first is through our Phase Gate process. The Sound Transit Phase Gate process is a multi-disciplinary, multi-department project management process. The various Gates allow the Agency to assemble and review information, project alternatives, the project delivery method, scope, costs, schedule, cash flows, risks, and affordability. Project delivery selection review occurs at Gate 2, "Select Delivery Method". The Phase Gate Committee will review the recommended delivery method and identified contract packages from the Contract Packaging Workshop, ensuring the agency is prepared to deliver the project under the proposed delivery method.

The second point at which a delivery method is reviewed and approved is via the Project Review Request Form. This final review and approval step ensure a project complies with all RCW 39.10 and PRC requirements for the selected delivery method. The approval is completed by the Director of Design and Construction Contracts in the Procurement and Contracts Division.

Please refer to Attachment 1b and 1c. Attachment 1b is a flow-chart that describes Sound Transit's process for approving a delivery method determination for each project. Attachment 1c is Sound Transit's Project Review Request Form, ensuring delivery method selection complies with RCW 39.10 requirements.

## 2. Project Delivery Knowledge and Experience

(RCW 39.10.270 (3)(b)(i)) Limit response to two pages or less.

Please describe your organization's experience in delivering projects under Alternative Public Works in the past three years and summarize how these projects met the statutes in RCW 39.10.

(a) Include the status of each alternative delivery project [planned, underway, or completed, projects, start and completion dates, and projected/actual construction cost]. Describe cost overruns or schedule delay, and any Litigation and Significant Disputes on any Alternative Delivery Project since Previous certification/re-certification.

Please refer to Attachment 2 which describes Sound Transit's experience delivering Alternative Public Works Projects.

## 3. Personnel with Construction Experience Using the Contracting Procedure

(RCW 39.10.270 (3)(b)(ii) Limit response to two pages or less.

Please provide an updated matrix/chart showing changes in your agency's personnel with management and construction experience using the alternative contracting procedure(s) since the previous certification. Provide a current organizational chart and highlight changes since previous certification/recertification. Do not include outside consultants.

Please refer to Attachments 3 and 5. Attachment 3 describes Sound Transit's personnel with experience delivering Design-Build projects. Attachment 5 is a current organizational chart for Sound Transit.

## 4. Resolution of Audit Findings on Previous Public Works Projects

(RCW 39.10.270 (3)(c)) Limit response to one page or less.

If your organization had audit findings on **any** public works project since the **PREVIOUS** certification/re-certification application, please specify the project, briefly state those findings, and describe how your organization is resolving them.

Sound Transit has not received any findings on its public works projects.

## 5. Project Data Collection

Please provide a matrix listing all projects with a total value of greater than \$5 million, including projects with a design agreement or DB agreement awarded within the last 3 years. This list shall also include projects within the public body's capital plan projected to start within the next three (3) years.

- Project Title
- Description of Project
- Agency's Project Number
- Project Value
- Delivery Method [DB, or GC/CM either actual or as-planned]
- Whether or not project data has been entered into the CPARB Data Collection System? (*RCW* 39.10.,320 and .350) [Yes or No; if No, why not?]
- Is the project complete [Yes or No]

Please refer to Attachment 4 which identifies all projects with a design agreement or Design-build agreement awarded since 2018. Sound Transit has not entered any of this data into the CPARB data collection system as there is not a system to enter information. Sound Transit provided GCCM project information in 2019 when requesting Public Body Re-Certification for GCCM.

#### 6. GC/CM Self Performance (complete only if requesting GC/CM re-certification)

Responding to the 2013 Joint Legislative Audit and Review Committee (JLARC) Recommendations is a priority and focus of CPARB.

Please provide GC/CM project information on subcontract awards and payments, and if completed, a final project report. As prepared for each GC/CM project, please provide documentation supporting compliance with the limitations on the GC/CM self-performed work. 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.

#### Not applicable

## 7. Subcontractor Outreach

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

Sound Transit has been steadfast in its commitment to the inclusion of small and disadvantaged businesses on our projects. We have continued to identify strategies to meaningfully improve and increase opportunities for small and disadvantaged businesses to work on our projects. We recently completed a Disadvantaged Business Enterprises (DBE) Disparity study which was conducted to evaluate the availability, utilization and any disparities for minority and woman owned businesses working on or seeking to work on Sound Transit projects. We have used the results of the study to focus on program refinements to ensure equitable opportunities on Sound Transit projects. We have partnered with the Washington State Department of Transportation on a Capacity Building Mentorship Program which pairs small, minority, veteran and women businesses with successful prime contractors and consultants. These mentors provide technical assistance and business advice to strengthen the protégés' capacity to work with our projects. This program, which has been an enormous success, enhances the capabilities and participation of underserved businesses that are able to perform work on transportation-related projects.

Sound Transit also has very robust subcontractor outreach efforts. This includes but is not limited to maintaining an extensive "stakeholder engagement list" which is used to assist in outreach efforts concerning technical assistance offerings; surveying small and large businesses as well as community based small business organizations on training and technical assistance needed as well as DBE/SB program refinements; encouraging DBE/SB subcontractors in pre-proposal meetings; participation and sponsorship in regional outreach events such the Regional Contracting Forum, Alliance NW, North Puget Sound Business Summit among others; and maintaining active memberships and engagement with organizations such as the AGC Diversity & Inclusion Committee, Tabor 100, National Association of Minority Contractors (NAMC), Construction & Design Entrepreneurs Group (CDE), etc.

Sound Transit's focus has not just been on successfully meeting small and disadvantaged business enterprises goals but also ensuring that the intent of the small and disadvantaged business enterprise program is being met as well.

## SIGNATURE OF AUTHORIZED REPRESENTATIVE

In submitting this application, you, as the authorized representative of your organization, understand that the PRC may request additional information about your organization, its construction history, and the experience and qualifications of its construction management personnel. You agree to submit this information in a timely manner and understand that failure to do so may delay action on your application.

PRC strongly encourages all project team members to read the Design-Build Best Practices Guidelines as developed by CPARB and attend any relevant applicable training. If the PRC approves your request for recertification, you agree to continue to provide data on such projects in accordance with RCW 39.10 data collection criteria covering the complete history of each of these construction projects. You understand that this information is being used in a study by the State to evaluate the effectiveness of the alternative contracting procedure(s). Public Bodies may renew their certification or re-certifications for additional three-year periods provided the current certification has not expired.

Signature:
Name: (please print) Nick Ddz
Title: Technical Advisor to PCD
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Date:

## **Delivery Method Selection Process**



## **Project Delivery Approval Process**





### **Design Build Contract Review Request**

Contract Title: Click here to enter text.

Date: Click here to enter a date.

Construction Manager: Click here to enter name and extension.

Total Project Cost: Click here to enter estimated contract amount.

Current Level of Design: Click here to enter percentage.

Please complete the following and e-mail to the Design and Construction Contracts Manager. Attach additional sheets if necessary.

- 1. Contract meets the following requirements in RCW 39.10.300:
  - □ The construction activities are highly specialized and a design-build approach is critical in developing the construction methodology.
  - □ The projects selected provide opportunity for greater innovation or efficiencies between the designer and the builder.
  - □ Significant savings in project delivery time would be realized.
  - $\Box$  The project is a parking garage.
  - □ The project is the construction or erection of portable facilities, pre-engineered metal buildings, or not more than ten prefabricated modular buildings per installation site.
- 2. Brief description of the proposed contract:

Enter a description of the project here

- 3. Anticipated design and construction schedule: Enter the anticipated design and construction milestones here
- 4. Why is the Design Build delivery method appropriate for this contract? Enter justification for utilizing the DB delivery method here
- 5. How will the use of the Design Build delivery method benefit the public interest? Enter public benefit justification here
- 6. DECM Staff Qualifications. Please identify the proposed Project Director, Construction Manager, Project Controls Lead, and Resident Engineer and list their Design Build contracting experience.

Enter project team and relevant experience here



#### Submitted By:

## **Design and Construction Contracts Use Only**

□ **APPROVED** – Contract meets RCW requirements, staff are qualified and the Design Build delivery method is appropriate.

□ **DISAPPROVED** – Contract does not meet RCW requirements.

NOTES:

**Reviewed By:** 

Signature, Design and Construction Contracts Manager, PCD

Date

Attachment 2: Project Delivery Knowledge and Experience

						Attach	ment 2: Project De	livery Knowledge and	Experience		
ID	Segment	Туре	Project Name	Projected Construction Cost (in Millions)	Actual Construction Cost (in Millions)	Status	Start Date	Construction Substantial Completion	Cost Overruns	Schedule Delay	Litigation or RCW 39.10 Criteria Significant Disputes
12	Sounder	Design Build	Puyullup Station Parking and Access Imrpovements	\$46	TBD	Underway	April 2020	August 2021	NA	NA	Design Build deliveyr method was selected for this project because (a) it is a parking garage as allowed under RCW. 39.10.300 and (b) there is opportunity for project effeciencies leading to an improved delivery schedule.
1	Redmond Link	Design Build	Redmond Link Extension	\$732	TBD	Underway	September 2019	2024	NA	NA	Design Build was selected for this project for multiple reasons; schedule improvements, innovation, and cost certainty. The Downtown Redmond Extension project is adjacent to operating facilities that must remain in use such as the interface tie to E360, SR 520 mainline and ramps, Marymoor Park, the Redmond Central Connector trail and nearby businesses. Planning, dejining, coordinating, and executing the work in these areas by a single entity will reduce schedule and cost risks while also allowing the greatest opportunity for innovation, especially integrating the stations and alignment into downtown Redmond and Marymoor Park.
2	Federal Way Link	Design Build	Federal Way Link Extension	\$1285	TBD	Underway	June 2019	2024	NA	NA	A single civil and systems design-build delivery was selected for this project because it will provide the best opportunity to maximize the schedule by integrating civil, structural, electrical, mechanical track work, facilities, and systems under a single-point of responsibility. This will also provide better cost certainty and minimize the risk for changes related to complex contractor interfaces between systems and civil. Additionally, There are many design challenges on this project. Utilizing design-build will provide best opportunity for greater innovation and efficiencies between the designer and the builder.
3	Lynnwood Link	Heavy Civil GCCM	Northgate Way to NE 200th St.	\$425	TBD	Underway	January 2019	2024	NA	NA	Heavy Civil GC/CM delivery was selected because the predominant features of the project are infrastructure improvements that involves complex scheduling, phasing, and coordination of the work. The work includes 4.5 miles of light rail guideway, trackwork, two elevated stations, and a 1650 stall parking garage. The GC/CM's input during preconstruction in regards to constructability of extended lengths and height of retained cuts within a very narrow corridor along the 15, and phasing the work in cooperation with WSODT's critical to the success of the project. During construction, the work requires close coordination with third parties such as the City of Seattle, WSDOT, Shoreline, and KC Metro, and two other GC/CMs.
4	Lynnwood Link	Heavy Civil GCCM	NE 200th St. to Lynnwood Station	\$471	TBD	Underway	January 2019	2024	NA	NA	Heavy Civil GC/CM delivery was selected because the predominant features of the project are infrastructure improvements and because the early involvement of the GC/CM contractor is critical to the success of the project due to the complex scheduling, phasing, and coordination required for this work. The work includes 3.7 miles of light rail guideway, both aerial and retained cut, trackwork, two elevated stations, and two 500 stall parking garages in a narrow corridor within the WSDOT right of way on 15.
5	Link Operations & Maintenance	Design Build	Link Operations & Maintenance Facility: East	\$219	TBD	Underway	November 2017	December 2021	NA	NA	Design Build delivery was selected because the work that requires a single-point of responsibility to Integrate civil, track work, facilities, systems and TOD. The design build approach is critical to the success of the project due complicated facility performance requirements in compressed schedule.
6	East Link	Heavy Civil GCCM	Downtown Bellevue to Spring District	\$228	TBD	Underway	May 2017	December 2022	NA	NA	Heavy Civil GC/CM delivery was selected because the predominant features of the project are infrastructure Station Sub-Contractor i mprovements and because the early involvement of the GC/CM contractor is critical to the success of the project asserting a cumulative impact claim from defective design defective design as well as coordination owith authorities having jurisdiction.
7	Northgate Link	GCCM	U District Station	\$176	TBD	Underway	April 2017	February 2020	NA	NA	GC/CM delivery was selected because implementation of the project involves complex, scheduling, phasing, coordination where the involvement of the GC/CM is critical during the design phase. IN40 U District Station involves complicated scheduling and sequencing relationships with the Systems, Tunnel, and Trackwork contractors. Value engineering and constructability reviews performed by the GC/CM and their EC/CM and MC/CM subcontractors during the design phase are expected to yield cost savings, helping to resolve design, scheduling, sequencing, and interface issues, a substantial benefit to the public.
8	Northgate Link/East Link	Heavy Civil GCCM	Northgate / East Link Systems	\$360	TBD	Underway	March 2017	December 2021	NA	NA	Heavy Civil GC/CM delivery was selected because the predominant features of the project are infrastructure improvements and because the early involvement of the GC/CM contractor is critical to the success of the project due to the high degree of technical competence from the GC/CM contractor to address the complexities of the project, meet schedule constraints, and maintain the budget. For example, the work includes installation of signaling, traction power substations, overhead catenary system (OCS), and communications systems for both the East Link and Northgate Link Projects and along operating roadways. It requires close coordination between the other contractors, Sound Transit, local jurisdictions, utility providers, King County Metro and WSDOT as this contract will interface with more than eight major tunne//station/track contracts while maintaining uninterrupted railroad operating system throughout the construction phase.

Attachment 2: Project Delivery Knowledge and Experience

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ID	Segment	Туре	Project Name	Projected Construction Cost (in Millions)	Actual Construction Cost (in Millions)	Status	Start Date	Construction Substantial Completion	Cost Overruns	Schedule Delay	Litigation or Significant Disputes	RCW 39.10 Criteria
9	East Link	Heavy Civil GCCM	Seattle to South Bellevue	\$665	TBD	underway	February 2017	2023	NA	NA		Heavy Civil GC/CM delivery was selected because the predominant features of the project are infrastructure improvements and because the early involvement of the GC/CM contractor is critical to the success of the project due to the complex scheduling, phasing, and coordination of the work. The E130 project is in the track installation from IDS to South Bellevue that includes 7 miles of rail, 2 station, and seismic retrofits on WSDOT right of way. Most critical to the success of the project will be GC/CM input during preconstruction on the constructability of the 'track bridge' component of the project which stabilizes the track so that light rail vehicles can cross the floating bridge without disruption.
10	Northgate Link	GCCM	Roosevelt Station Finishes	\$152	TBD	Underway	December 2016	December 2021	NA	NA		GC/CM delivery was selected because implementation of the project involves complex, scheduling, phasing, coordination where the involvement of the GC/CM is critical during the design phase. N150 Roosevelt Station involves complicated scheduling and sequencing relationships with the Systems, Tunnel, and Trackwork contractors. Value engineering and constructability reviews performed by the GC/CM and their EC/CM and MC/CM subcontractors during the design phase are expected to yield cost savings, helping to resolve design, scheduling, sequencing, and interface issues, a substantial benefit to the public.
11	East Link	Design Build	SR 520 to Overlake Transit Center	\$225	TBD	Underway	May 2016	September 2019	NA	NA		Design Build delivery was selected because the work includes field constraints requiring highly specialized construction activities for aerial and at grade light rail construction and potential options of rebuilding ramps along SR520. The design build approach is critical to the success of the project and developing the construction methodology via to the complexities of staging, raffic control and minimizing impacts to current users as well as reviewing options to integrate current highway infrastructure with new light rail.

Name				Project Size			Role During	Project Phases			
	Title	Summary of Experience	Project Name	(in Millions)	Project Delivery Type	Planning	Design	Construction	Commissioning, Startup, Closeout	Role Start	Role Finish
DESIGN, ENGINEERING & O	CONSTRUCTION MANAGEMENT (DECM,					1			1		
			Sound Transit, Federal Way Link Extension	\$1,285	WA DB WA DB	OEX OEX	OEX OEX	OEX OEX	-	2016	Present
			Sound Transit, Downtown Redmond Link Extension	\$732		-	-	-		2042	
			Sound Transit, Lynnwood Link South	\$471	WA Heavy Civil GC/CM	OEX	OEX	OEX	-	2013	Present
			Sound Transit, Lynnwood Link North	\$425	WA Heavy Civil GC/CM	OEX	OEX	OEX		2013	Present
			Sound Transit, Northgate / East Link Systems	\$350	WA Heavy Civil GC/CM	OEX	OEX	OEX	0.51	2013	Present
			Sound Transit, Operations and Maintenance Facility East	\$220 \$180	WA DB	OEX OEX	OEX OEX	OEX OEX	OEX	2016	Present
		32 plus years of experience in the transportation industry in both	Sound Transit, Northgate Station	\$130	WA Heavy Civil GC/CM	OEX	OEX	OEX		2011	Present
Ron Lewis	Executive Director DECM	the public and private sectors, including managing and directing all	Sound Transit, Roosevelt Station Sound Transit, U District Station	\$130	WA GC/CM WA GC/CM	OEX	OEX	OEX	+	2011 2011	Present
		phases of light rail project delivery.		\$122		OEX	OEX	OEX		2011 2013	
			Sound Transit, Seattle to South Bellevue	\$12	WA Heavy Civil GC/CM	OEX	OEX	OEX	OEX		Present
			Sound Transit, Sounder Yard Expansion	\$\$55	WA DB	OEX	OEX	OEX	OEX	2015 2015	Present
			Sound Transit, Sounder Maintenance Base		WA DB WA DB	OEX	OEX	OEX	UEA	2015	Present
			Sound Transit, Puyallup Station Access Improvements	\$38 \$321		OEX	OEX	OEX		2016	Present
			Sound Transit, Downtown Bellevue to Spring District		WA Heavy Civil GC/CM	OEX	OEX	-	-		
			Sound Transit, SR 520 to Overlake Transit Center	\$225	WA DB	OCM	OCM	OEX	OFX	2013	Present
	1		Sound Transit, South Link Project Airport to S 200th Sound Transit, Northgate Station	\$169 \$180	WA DB WA Heavy Civil GC/CM	OCM	OCM	OEX	OEX	2011 2013	2013
		Over 20 years experience in the manual of a this		\$180		OEX	OEX				Present
Don Davis	Executive Project Director	Over 30 years experience in the management of public infrastructure projects	Sound Transit, Roosevelt Station	-	WA GC/CM	OEX				2011	Present
		Innastructure projects	Sound Transit, U District Station	\$122	WA GC/CM	UEX	OEX OCM	OCM		2011 2002	Present
			King County, Brightwater Wastewater Treatment Facility	\$250	WA GC/CM	0.51			0.511		2006
		0	Sound Transit, UW Station	\$142	WA GC/CM	OEX OEX	OEX	OEX OEX	OEX OEX	2009 2009	Present
Joe Gildner, PE	Executive Project Director	Over 20 years experience managing design and construction of light		\$105 \$119	WA GC/CM	OEX	OEX OEX	OEX	UEX	2009	Present
		rail systems	Sound Transit, University Link Systems	\$72	WA GC/CM OR CM/GC	UEA	UEX	OEX	OFNIC		Present 1998
		Over 15 years of project / construction management experience	Metropolitan Area Express (MAX), Washington Park Station					OENG	OENG	1992 2020	
Sepehr Sobhani	Deputy Project Director - Federal Way Lnk Extension	public works and transit projects including both design-build and	Sound Transit, SR 520 to Overlake Transit Center Sound Transit, Federal Way Link Extension	\$225 \$1,285	WA DB WA DB		OEX	OCM		2020	2020 Present
		GCCM projects				OFY		0LA			
Ded Kemples DF	Evenutive Preject Director	32 years of design and construction experience in transportation	Sound Transit, Lynnwood Link South	\$630	WA Heavy Civil GC/CM	OEX	OEX			2013	Present
Rod Kempkes, PE	Executive Project Director	and light rail. Experience includes design-build projects as an owner and design consultant. AGC GC/CM training 2015.	Sound Transit, Lynnwood Link North	\$560	WA Heavy Civil GC/CM	OEX	OEX			2013	Present
		Over 26 years of project/construction management of private	Sound Transit, South Link Project Airport to S 200th Sound Transit, University Link Maintenance of Way Bdg.	\$169 \$12	WA DB WA DB	OCM OCM	OCM OCM	OCM	ОСМ	2011 2013	2014 Present
Madeleine Greathouse	Project Director	sector and public works transit experience and includes both design build and GCCM projects	Sound Transit- University Link Capitol Hill Stn.	\$105	WA GC/CM	OCM	OCM			2010	Present
		Over 20 years of project/construction management of private and	Sound Transit, Northgate Station	\$180	WA Heavy Civil GC/CM	OCM	OCM	OCM		2013	Present
Jonathan Gabelein	Principal Construction Manager	public works projects, including transit, building, and heavy/civil	Sound Transit, Roosevelt Station	\$130	WA REAVY CIVIN GC/CIVI	OCM	OCM	0CIVI		2013	Present
Jonathan Gabelein	r meipar construction manager	projects	Sound Transit, U District Station	\$122	WA GC/CM	OCM	OCM			2012	Present
		F J	Sound Transit, O District Station	\$180	WA GC/CM WA Heavy Civil GC/CM	UCIVI	OCM		1	2012	2016
Ginger Ferguson	Construction Manager	Over 15 years experience in design and construction management	Sound Transit, Northgate Station Sound Transit, Lynnwood Link South	\$425	WA Heavy Civil GC/CM WA Heavy Civil GC/CM		OCM			2014	Present
Ginger Ferguson	construction Manager	of tranportation and transit projects.	Sound Transit, Lynnwood Link South Sound Transit, Lynnwood Link North	\$471	WA Heavy Civil GC/CM WA Heavy Civil GC/CM		OCM			2015	Present
			Sound Transit, Lynnwood Link North Sound Transit. Seattle to South Bellevue	\$471	WA Heavy Civil GC/CM WA Heavy Civil GC/CM	OCM	OCM			2015	Present
Tenu Dahan DC	Evenutive Project Director	Over 20 years of experience within the transportation industry in		\$321					-		
Tony Raben, PE	Executive Project Director	both the public and private sectors, including managing or supporting multiple phases light rail projects.	Sound Transit, Downtown Bellevue to Spring District	\$321 \$242	WA Heavy Civil GC/CM	OCM	OCM			2013	Present
		supporting multiple phases light rail projects.	Sound Transit, SR 520 to Overlake Transit Center		WA DB	OCM	OCM			2013	Present
			Sound Transit, South 200th Link Extension - Parking Garage	\$30	WA DB	OPM	OPM	OPM		2010	2015
			Sound Transit, South 200th Link Extension - Airport to S 200th	\$169	WA DB	OPM	OPM			2010	2015
		Over 30 years experience managing and directing design and	Sound Transit, Sounder Yard Expansion	\$12	WA DB	OEX	OEX	OEX	OEX	2015	Present
Mark Johnson	Project Director	construction of public works and infrastructure projects including	Sound Transit, Sounder Maintenance Base	\$\$55	WA DB	OEX	OEX			2015	Present
		light rail and commuter rail projects; DBIA certified since 2014.	Sound Transit, Puyallup Station Access Improvements	\$38	WA DB	OEX	OEX		+	2016	Present
			Sound Transit, Sumner Station Access Improvements	\$32	WA DB	OEX	OEX			2016	Present
			Sound Transit, Auburn Station Access Improvements	\$34	WA DB	OEX				2017	Present
	+		Sound Transit, Kent Station Access Improvements	\$36	WA DB	OEX				2017	Present
			Sound Transit, Sounder Yard Expansion	\$12	WA DB	OPM	OPM	OPM	OPM	2015	Present
			Sound Transit, Sounder Maintenance Base	\$\$55	WA DB	OPM			1	2015	Present
Ken Lee	Senior Project Manager	Over 20 years of design and construction experience on public	Sound Transit, Puyallup Station Access Improvements	\$38	WA DB	OPM	OPM		1	2016	Present
		works and infrastructure projects.	Sound Transit, Sumner Station Access Improvements	\$32	WA DB	OPM	OPM		1	2016	Present
			Sound Transit, Auburn Station Access Improvements	\$34	WA DB	OPM	OPM			2017	Present
			Sound Transit, Kent Station Access Improvements	\$36	WA DB	OPM	OPM			2017	Present

				Profest Circ			Role During	Project Phases			
Name	Title	Summary of Experience	Project Name	Project Size (in Millions)	Project Delivery Type	Planning	Design	Construction	Commissioning, Startup, Closeout	Role Start	Role Finish
Mark Pickerill	Construction Manager	Over 30 years of design and construction experience including light		\$130	WA GC/CM		OCM			2011	Present
		rail	Sound Transit, UW Station	\$142	WA GC/CM		OCM	OCM	OCM	2009	Present
	Deputy Director Civil & Structurel	Over 20 years of experience delivering public transportation and	Sound Transit, U District Station	\$122 \$105	WA GC/CM WA GC/CM		OCM	OCM	OCM	2011 2009	Present
Chad Brown, PE, DBIA	Deputy Director, Civil & Structural Engineering	transit projects using DB, GC/CM delivery methods (9 plus years	Sound Transit, Capitol Hill Station WSDOT, I-405, SR 522 to 195th Auxiliary Lane Project	\$105	WA GC/CM WA DB		OPM	OCIVI	UCIVI	2009	Present 2009
	Lingineering	with ST, 11 plus years with WSDOT)	WSDOT, I-405, SR 522 to 195th Auxiliary Lane Project WSDOT, I-405 Renton Stage 2 Widening Project	\$130	WA DB WA DB		OPINI	OPM		2007	2009
			Sound Transit, Northgate Station	\$180	WA Heavy Civil GC/CM	ODM	ODM	01141		2005	2010
		30 years experience in the design and construction of facilities	Sound Transit, Roosevelt Station	\$130	WA GC/CM	ODM	ODM			2011	2018
Bob Nichols	Corridor Design Manager	projects delivered through both conventional design-bid-build and	Sound Transit, U District Station	\$122	WA GC/CM	ODM	ODM		1	2011	2018
		alternative project delivery methods.	Sound Transit, Federal Way Link Extension	\$1,285	WA DB	ODM				2018	Present
			Sound Transit, Northgate Station	\$180	WA Heavy Civil GC/CM	0.0111	ODM	ODM		2010	2018
		Over 25 years experience in the design and construction of of	Sound Transit, Northgate Station	\$130	WA GC/CM		ODM	ODM	1	2011	2018
Steve Gleaton, PE	Corridor Design Manager	projects with experience in DB and GM/CM delivery methods	Sound Transit, U District Station	\$122	WA GC/CM		ODM	ODM		2011	2018
		projects whit experience in by this only enderivery methods	Sound Transit, Federal Way Link Extension	\$1.285	WA GC/CM	ODM	ODIVI	ODIN		2011	Present
			Sound Transit, Federal Way Link Extension Sound Transit, South Link Project Airport to S 200th	\$169	WA DB WA DB	ODM				2018	Present
		35 years of design, engineering management, including operation	Sound Transit, South Enk Project An port to 3 20011 Sound Transit - Resident Engineer for C802 Signals, C803		WA DB						C802 - 2013
Jeffrey DeMarre	Systems Corridor Design Manager	and maintenance management, construction of electrical and electronic systems, including complex people movers and light rail	Communications, C807 Traction Electrification	\$100	WA GC/CM	OENG	OCM			2008	C803 - 2013
		transportation systems, for public and private industry.	Port of Seattle's Satellite Transit System's Replacement Project at Sea- Tac Airport	\$170	PU DB	OEX				1998	2004
			Sound Transit, South 200th Link Extension - Parking Garage	\$30	WA DB	ODM	ODM	ODM		2010	Present
		25 years of architectural experience with the design and	Sound Transit, South 200th Link Extension - Airport to S 200th	\$169	WA DB	ODM	ODM	ODM		2010	Present
Jon Mihkels, AIA, LEED AP	Project Director - New Facilities	construction of numerous public sector with numerous alternative procurement methods.	Sound Transit, Puyallup Station Access Improvements	\$85	WA DB	OEX	OEX	OEX	OEX	2018	Present
			Sound Transit, Operations and Maintenance Facility East	\$220	WA DB	OEX	OEX	OEX		2016	Present
		20 years of architectural design and project management	Sound Transit, Maintenance of Way	\$12	WA DB		ODM	ODM		2014	2016
Supriya Kelkar, AIA, LEED AP	Corridor Design Manager	experience with design and construction of public works and	Sound Transit, East Link E360, SR 520 to Overlake Transit Center	\$225	WA DB		ODM	ODM		2014	Present
BD+C, DBIA		transportation projects with various project delivery types.	Sound Transit, Operations and Maintenance Facility East	\$220	WA DB		ODM	ODM		2016	Present
			Sound Transit, Downtown Redmond Link Extension	\$732	WA DB		ODM	ODM			<u> </u>
Ben Neeley	Principal Construction Manager	10 years of project management experience for the Systems Contractor.	Sound Transit, South 200th Link Extension - Airport to S 200th	\$169	WA DB		CON	CON	CON	2013	Present
		25 years civil engineering experience including heaving civil	WSDOT, SR500 Thurston Way Interchange	\$25	PU DB	SUBDES	SUBDES	SUBDES		2000	2002
Erik Finley, PE	Senior Civil Engineer	transpiration and vertical construction	USACE, JBLM ADA Battalion Facility	\$12	PU DB	SUBDES	SUBDES	SUBDES		2010	2010
		· · · · · · · · · · · · · · · · · · ·	Sound Transit, Lynnwood Link North	\$471	WA Heavy Civil GC/CM		OENG	OENG		2017	Present
			Sound Transit, Northgate Station	\$180	WA Heavy Civil GC/CM	ODM	ODM			2013	Present
			Sound Transit, Roosevelt Station	\$130	WA GC/CM	ODM	ODM			2011	Present
			Sound Transit, U District Station	\$122	WA GC/CM	ODM	ODM			2013	Present
Julie Montgomery	Director, Architecture and Art	Over 30 years of architectural experience in planning, design, and	Sound Transit, Federal Way Link Extension	\$1,285	WA DB	ODM	ODM				Present
,		construction.	Sound Transit, Lynnwood Link	\$896	WA GC/CM		ODM				Present
			Sound Transit, Downtown Redmond Link Extension	\$732	WA DB	ODM	ODM				<u> </u>
			Minnesota Zoo Expansion	\$8.50	GC/CM Minnesota		ODM	ODM			
			Brookfield Zoo, Wild Encounters	\$5.60	GC/CM Illinois		ODM	ODM			<u> </u>
		30 years experience in the design and construction of facilities	Sound Transit, Northgate Station	\$180	WA Heavy Civil GC/CM	ODM	ODM			2013	Present
Doug Powell	Principal Architect	projects delivered through both conventional design-bid-build and	Sound Transit, Roosevelt Station	\$130	WA GC/CM	ODM	ODM			2011	Present
		alternative project delivery methods.	Sound Transit, U District Station	\$122	WA GC/CM	ODM	ODM			2013	Present
			Sound Transit, Lynnwood Link South	\$471	WA Heavy Civil GC/CM	ODM	ODM		1	2015	Present
			Sound Transit, Lynnwood Link North	\$425	WA Heavy Civil GC/CM	ODM	ODM	ODM	ODM	2015	Present
			Casino del Sol Resort Expansion	\$78	AZ GC/CMART	DES	Design	DES	DES	2013	2012
				\$78		DES	•		DES	2009	
			Station Casinos Red Rock Resort		NV/DB	-	DES	DES	-		2006
		35 years of design, engineering management, including operation	Fountainebleau Resort & Casino	\$3,500	NV/DB	DES	ODM	ODM	NA	2008	2009
		and maintenance management, construction of electrical and	G2 Mixed Use Brunsfield Development	\$1,800	MALAYSIA/DB	DES	DES	DES	NA	2013	2014
Yvonne Olson	Principal Architect	electronic systems, including complex people movers and light rail	Multiple Microelectronics fab & testing facilities	\$100	USA/DB	DES	DES	CON	CON	1990	1995
		transportation systems, for public and private industry.	Las Vegas Monorail	\$654	NV/DBB	OEX	OEX	DES	DES	2002	2004
			Henderson Multi-Modal Commuter Rail	\$200	NV/DBB	DES	DES	NA	NA	2002	2004
			K-12 Multiple Educational Facilities	\$10	AZ/DBB	DES	DES	DES	OEX	1990	1998
			Ruffin Gaming Casino (Montreux/Frontier Replacement)	\$1,200	NV/DBB	DES	DES	NA	NA	2006	2007
			MGM Mirage Resorts Design Group Capex	\$350	NV/DBB	ODM	ODM	ODM	ODM	2007	2008
	1		City of Tucson Facilities and Design	\$300	AZ/DBB	ODM	ODM	ODM	ODM	1985	1990

				Project Size			Role During	Project Phases	-		
Name	Title	Summary of Experience	Project Name	(in Millions)	Project Delivery Type	Planning	Design	Construction	Commissioning, Startup, Closeout	Role Start	Role Finis
			Sound Transit, Federal Way Link Extension	\$1,285	WA DB	NA	OEX	OEX	NA	2020	Presen
			Sound Transit, Lynnwood Link South	\$471	WA Heavy Civil GC/CM	OPROC	OPROC			2013	Preser
			Sound Transit, Lynnwood Link North	\$425	WA Heavy Civil GC/CM	OPROC	OPROC			2013	Preser
			Sound Transit, Northgate / East Link Systems	\$350	WA Heavy Civil GC/CM	OPROC	OPROC			2011	Prese
			Sound Transit, Northgate Station	\$180	WA Heavy Civil GC/CM	OPROC	OPROC	OPROC		2011	Preser
	Executive Project Director, Federal Way	Over 15 years in public sector procurement and contract	Sound Transit, Roosevelt Station	\$130	WA GC/CM	OPROC	OPROC	-		2011	Preser
nneth Riley-Hall, CPPO, DBIA	Link Extension	administration, including DB and GC/CM contract administration	Sound Transit, U District Station Sound Transit, Seattle to South Bellevue	\$122 \$410	WA GC/CM	OPROC OPROC	OPROC OPROC			2011 2013	Prese
				\$410 \$321	WA Heavy Civil GC/CM	OPROC				2013	Prese
			Sound Transit, Downtown Bellevue to Spring District Sound Transit, UW Station	\$321 \$142	WA Heavy Civil GC/CM WA GC/CM	OPROC	OPROC OPROC	OPROC	OPROC	2013	Prese Prese
			Sound Transit, Constantion Sound Transit, Capitol Hill Station	\$105	WA GC/CM WA GC/CM	OPROC	OPROC	OPROC	OPROC	2009	Prese
			Sound Transit, University Link Systems	\$105	WA GC/CM	OPROC	OPROC	OPROC	OFROC	2003	Prese
			Sound Transit, University Enix Systems	\$471	WA Heavy Civil GC/CM	OPROC	OPROC	Or NOC		2010	Prese
			Sound Transit, Lynnwood Link South	\$425	WA Heavy Civil GC/CM	OPROC	OPROC			2013	Prese
		14 years in municipal infastructure design and construction	Sound Transit, Pythwood Link North Sound Transit, Northgate / East Link Systems	\$350	WA Heavy Civil GC/CM	OPROC	OPROC			2013	Prese
athan Monroe, PE, DBIA	FWLE Principal Construction Manager	management	Sound Transit, Northgate Station	\$180	WA Heavy Civil GC/CM	OPROC	OPROC	OPROC		2011	Prese
			Sound Transit, Roosevelt Station	\$130	WA GC/CM	OPROC	OPROC	011100		2011	Prese
			Sound Transit, Hoose vere station	\$122	WA GC/CM	OPROC	OPROC			2011	Prese
	1	16 years of structural engineering experience with bridges and	Sound Transit, O District Station	\$410	WA GC/CM WA Heavy Civil GC/CM	OPROC	OPROC	1	1	2011	Prese
lathan Galer, PE, LEED-AP	FWLE Deputy Construction Manager	buildings design, design management, and construction	Sound Transit, Downtown Bellevue to Spring District	\$321	WA Heavy Civil GC/CM	OPROC	OPROC	1	1	2013	Prese
	1	administration	Sound Transit, Downtown Believue to Spring District	\$142	WA Heavy civil GC/CM WA GC/CM	OPROC	OPROC	OPROC	OPROC	2013	Prese
atrick A. McCormick, PE, LG, EG, LSIT, DBIA	FWLE Principal Construction Manager	Over 40 years experience in construction including 5-1/2 years in the private sector with geotechnical investigation, material testing, and inspection, over 30 years in public sector with Washington State Department of Transportation which includes program management, surveying, design, construction administration, procurement and contract administration and over 18 years	Sound Transit, Capitol Hill Station	\$105	WA GC/CM	OPROC	OPROC	OPROC	OPROC	2009	Prese
		experience in Design-Bid-Build and 15 years in Design-Build and	Sound Transit. University Link Systems	\$119	WA GC/CM	OPROC	OPROC	OPROC		2010	Preser
		more than 5 years procurement and contract administration	City of Seattle, South Recycling and Disposal Station	\$60	WA GC/CM WA DB	OPROC	OPROC	OPROC		2010	2010
		experience in public works design-bid-build and Design-Build with Sound Transit.	Sound Transit, Federal Way Link Extension	\$ 1.285M	ST DB	ornoc	OPROC	OPROC		2018	2020
		Sound Transit.	Sound Transit, Federal Way Link Extension Sound Transit, SR 520 to Overlake Transit Center	\$225	WA DB	OPROC	OFROC	OFROC		2018	2020
nthony Pooley	Principal Construction Manager	I worked on the Contractor's design team and later as a geotechnical adviser for the Contractor on the Bangkok Metro Initial System Project (Blue Line, South section), 1997-1999. Nine stations and twin bore tunnels. Design Build.	Bangkok Metro Initial System (Blue Line - South Segment)	1.0 B	DB		OPROC			1997	1999
had Frederick	Principal Construction Manager	With 23 years of construction management experience working for private and public owners constructing verticle buildings, data centers, heavy civil, and transit projects utilizing DBB, GC/CM & DB delivery methods.	Santa Clara Valley Medical Center	\$470	Design Build			OPROC	OPROC	2013	2014
		With 32 years of constuction management experience working for	Sound Transit, SR 520 to Overlake Transit Center	225	WA DB			CON		2018	Presen
avid Strata	Construction Contracts Claims Manager	private and public owners constructing verticle buildings, heavy	Sound Transit, Federal Way Link Extension	\$1,200M	WA DB			CON		2019	Prese
aviu Strata	construction contracts claims Manager	civil, and transit projects utilizing DBB, GC/CM & DB delivery	Sound Transit, Operations and Maintenance Facility East	\$455M	Design Build (M200)			CON		2018	Prese
		methods.	Downtown Redmond Link Extension	\$732	Design Build (R200)			CON		2019	Prese
			DOD FY-02 Stryker Battaliion Maintenance Facility, JBLM	\$26M	PU DB	PRECON	PRECON	CON	CON	2002	200
	1		DOD Adversary Support Facility, Nellis AFB	\$20W	PU DB	PRECON	CON	CON	CON	2002	200
	1			-							
	1		DOD Nellis AFB IDIQ	Varies	PU DB	PRECON	PRECON	CON	CON	2004	200
			Lease Crutcher Lewis Lincoln HS	\$56M	WA GC/CM	PRECON	PRECON	CON	CON	2006	200
	1		Lease Crutcher Lewis Interurban Exchange	\$105M	PR CM@R	PRECON	PRECON	CON	CON	2008	2010
	1		King County Harborview Hall Adaptive Re-use	\$76M	РРР	OEX	OEX			2015	201
	1	Over 20 Years of Design Build experience primarily in building	King County Yesler Building Adaptive Re-use	\$42M	PPP	OEX	OEX	1	1	2015	2017
avid Brossard	Construction Manager	construction of private and Government facilities. High Rise Commerical office, Hotels, Hospitals, K-12 Schools, College,	King County Justice Center	\$212M	WA DB	OCTR	OCTR	1	1	2017	2017
		University, Military, Transit, Adult and Juvenile Detention.	King County Harborview Hospital Emergency Power System Flood Replacement	\$36M	Emergency Project Declaration	OEX	OEX	OEX		2017	2018
			State of Washington Project Review Committee representing King County		State Committee member Reviewing Applications for projects designed and built under RCW 39.10	OREP				2017	201
	1		Sound Transit Bus Base North	\$193M	WA DB	OPM				2018	201
	1		Sound Transit Operation and Maintenance Facility East	\$455M	WA DB		CM	CM	СМ	2019	202
			U-District Underground Light Rail Station	\$170	WA GC/CM			OPM	OPM	2018	Prese
	1	Bachelors degree in Civil Engineering and register PE in the state of									
evin Macfarlane	Construction Manager	Washington. Ten years of experience working in engineering,	Roosevelt Underground Light Rail Station	\$170	WA GC/CM			OPM	OPM	2020	Prese
	Í	project management, and construction management roles on	Powell Butte Underground Resevoir	\$100	DBB		1	CON	CON	2012	2014
		public works projects in Washington and Oregon.	City of Orting Public Works Building	\$2	WA DB	PROC	1	1	1	2017	20

				Project Size		<u> </u>	Role During	Project Phases	-	l	1
Name	Title	Summary of Experience	Project Name	(in Millions)	Project Delivery Type	Planning	Design	Construction	Commissioning, Startup, Closeout	Role Start	Role Finish
			Sound Transit, Operations and Maintanence Facility East	219	WA DB		CM	CM	CM	2017	Present
			ST South Sounder Garages (Puyallup,Sumner,Kent,Auburn)	\$402M	WA DB	CM	CM	CM		2018	Present
ndra Banerjee	Principal Construction Manager	Over 27 years of project/construction management of major public wastewater,transportation and water supply projects in US and	Sounder Maintenance Base	\$170M	WA DB	CM				2019	2020
lura banerjee	Principal construction Manager	overseas	Bus Base North	\$190M	WA DB	CM				2019	Present
			Singapore Transit Agency	\$2.5B	Singapore DB		RE	RE	RE	2001	2006
			Singapore CMC Waste Water Project	\$3.4B	Singapore DB		FE	FE	FE	1997	2001
		Over 5 years of project/construction management experience on	Sound Transit OMF East	\$219	WA DB	OPM	OPM	OPM	OPM	2018	Present
Varion Herrera, PMP, ENV SP	Deputy Construction Manager	major public works projects.	WSDOT SR 99 Bored Tunnel	1.396B	WA DB			OPM	OPM	2015	2018
			DB ST Sounder Yard Expansion	15M	ST DB	CM/PRECON	2017	2017-2019	2019	2017	2019
			DB Puyallup Garage	85M	ST DB	CM/PRECON	2017	2019		2017	Present
		Over 14 years of project/construction management of private and	DB Sumner Garage	70M	ST DB	CM/PRECON	2017			2017	Present
Rick Sarkany	Construction Manager	public works projects, including transit, building, and heavy/civil	DB Kent Garage	130M	ST DB	CM/PRECON	2019			2019	Present
,		projects	DB Auburn Garage	130M	ST DB	CM/PRECON	2019			2019	Present
			DB BRT Bus Base North	160M	ST DB	CM/PRECON	2019			2019	Present
				170M		CM/PRECON					
		13 years of progressive construction management and project	DB Sounder Maintenace Base	170101	ST DB	CIVI/PRECON	2018			2018	Present
Tom Finlayson	R200 Construction Manager	management through design, procurement, construction and closeout. Moost work has been in heavy civil and nuclear power industries. Also experienced in aviation, wastewater, K12, oil and gas, marine, commercial, and K12 construction. I have managed project as the owner and contractor and using design-build, CMGC, and design bib ulid methods.	Downtown Redmond Link Extension	\$732	WA DB	OPROC	OPROC	OPROC		2018	Present
		20 years of design and construction experience in light rail.	Sound Transit, Initial Link - C700 Segment	\$41	DBB	PM	PM	CM	CM	2000	2006
Kent Ng, PE	Senior Quality Engineer	Experience includes design-bid-build and design-build projects.	Sound Transit, Airport Link Extension (C420, C430R)	\$152	DBB			CM	CM	2006	2009
		DBIA training 2014. 12 additional years experience in design and manage public works projects.	Sound Transit, S. 200th Link Extension Airport to S 200th (S440)	\$169	WA DB		ODM	ODM	ODM	2009	2015
		manage public works projects.	Sound Transit, Federal Way Link Extension (FWLE) Sound Transit, Sounder Station Access Improvements (Puyallup,	\$1,285	WA DB	ODM	ODM			2015	2018
Fats Tanaka	Principal Architect		Sound Transit, Sounder Station Access improvements (Puyanup, Sumner, Kent, Auburn)	\$200	WA DB	ODM				2017	Present
Yuki Seda-Kane, Architect,		12 years in the private sector with including some DB and GC/CM, 1	Sound Transit, Federal Way Link Extension	\$1,285	DB	DM	DM			2016	Present
LEED BD+C,	Architect	year in the public sector in DB project delivery	Sound Transit, Sounder Yard Expansion	\$13	DB			DM	DM	2016	2017
		······································	Muckleshoot Early Childhood Education Center		DB	Design	Design	Design	Design	2008	2009
Craig DeLalla	Deputy Director, Systems Engineering & Integration	9 years of experience in transportation specializing in systems engineering and project management	Sound Transit, South Link Project Airport to S 200th	\$169	WA DB	OREP	OREP			2010	Present
	integration		Sound Transit, Operations and Maintenance Facility - East	\$219	WA DB	OREP	OREP			2010	Present
		20 years in Engineering Design and Construction Management of	Sound Transit, South 200th Link Extension - Parking Garage	\$30	WA DB			OREP		2015	2016
Fouad Chihab, P.E., DBIA, Env-	Camildan Davies Manager	transportation projects using different type of delivery methods	Sounder Maintenance Base - 50K SF Maintenance Facility for Sounder	\$132	WA DB		ODM			2015	2018
SP	Corridor Design Manager	including Design-Bid-Build and Design-Build. Engineering and Construction experience in the private, local, state, and federal	Puyallup/Sumner Access Improvement Projects - 2 Parking Garages	\$145	WA DB		ODM			2016	2018
		projects.	Sound Transit, Lynnwood Link South	\$425	WA Heavy Civil GC/CM		ODM	ODM		2018	Present
			Sound Transit, Lynnwood Link North	\$471	WA Heavy Civil GC/CM		ODM	ODM		2018	Present
			Sound Transit, DBB East Link Extension Stations	\$3	DBB	OPM	OPM	OCM	OPM	2015	Present
			Sound Transit, WA DB East Link Extension Stations	\$2	WA DB	OPM	OPM	OCM	OPM	2015	Present
			Sound Transit, WA GC/CM East Link Extension Stations	\$2	WA GC/CM	OPM	OPM	OCM	OPM	2015	Present
		Over 25 years of experience developing works of public art for	Sound Transit, all Northgate Link Extension Stations	\$3 \$4	DBB	OPM OPM	OPM OPM	OCM OCM	OPM OPM	2015 2015	Present
		Over 25 years of experience developing works of public art for public agencies and private clients. Specific experience in project	Sound Transit, all Lynnwood Link Extension Stations Sound Transit, Federal Way Link Extension planning	\$4 \$3	WA DB	OPM	OPM	OCM	OPM	2015	Present
Kurt Kiefer	Project Manager	planning, procurement, contract development and management,	Sound Transit, ill Tacoma Link Extension	\$3 \$1	DBB	OPM	OPM	OCM	OPM	2015	Present
		construction management and facilities management.	University of Washington, Seattle Campus Capital Projects	\$3	DBB	OPM	OPM	OCM	OPM	1993	2011
			University of Washington, Tacoma Campus Phase 1 & 2	\$1	DBB	OPM	OPM	OCM	OPM	1995	2011
			University of Washington, Bothell Campus Phase 1	\$1	DBB	OPM	OPM	OCM	OPM	1995	2011
			Vulcan, Inc, various South Lake Union development projects	\$2	DBB	OPM	OPM	OCM	OPM	2005	2010
			CenturyLink Field Design and Construction	\$2	DBB	OPM	OPM	OCM	OPM	2000	2002
Cerry Pihlstrom, PE	Director, Civil & Structural Engineering	Over 20 years experience as engineer and manager on DBB and DB projects. 7 years in consultant industry working on large scale DB programs.	Jacobs, I-25 Southeast Corridor DB Project, Southeast Corridor Constructors, I-75 Peace River Project (FL), I-95 Bridge Widening (FL); I- 15 Reconstruction, UDOT, (UT)		DB		PM	PM		1998	2004
			WSDOT, SR520 I-5 Medina	\$700	DB	<u> </u>	PM	PM	ļ	2010	2016
		Over 35 years of experience in the transportation industry in both	Sound Transit, E360	\$225	WA DB	<u> </u>	OPM	OPM	1	2016	Present
Hank Howard, PE	Senior Civil Engineer	the public and private sectors, including managing the design and	East Link Extension – E320, E335, E340	40.17	GC/CM and DB	<u> </u>	OENG	OENG	1	2016	2019
	-	construction of multiple transportation-related	Sound Transit, OMF East	\$219	DB	+	OENG	OENG		2017	2019
Peter Beckford, PE	Senior Civil Engineer	Over 15 years experience in the design and construction of infrastructure projects in the public sector including rail transit delivered by both conventional design-bid-build and alternative project delivery methods. Served as Engineering Design Lead through entire D/B process for Heavy Rail project.	Sound Transit, Downtown Redmond Link Extension Sound Transit, Sounder Yard Expansion	\$732 \$12	DB WA DB		OENG ODM	OENG		2019 2015	Present 2017

				Project Cine			Role During	Project Phases			
Name	Title	Summary of Experience	Project Name	Project Size (in Millions)	Project Delivery Type	Planning	Design	Construction	Commissioning, Startup, Closeout	Role Start	Role Finish
Moises Gutierrez, PE	Deputy Executive Director, Design and	20 years experience leadership/program and project management/general analysis and design/contract document preparation/construction support and oversight/systems	Sound Transit, South 200th Link	\$169	WA DB		ODM	ODM	ODM	2016	2017
	Engineering	integration/quality assurance and control/business development/outstanding client and customer relationship skills.	California High Speed Rail Project, Construction Package 1	\$1,000	CA DB		ODM			2013	2016
		Over 25 years of civil engineering experience and 19 years of	Sound Transit, South 200th Link Extension - Airport to S 200th (S440)	\$169M	DB	OREP	OREP	OREP		2010	2016
Kim Wong, EIT	ROW Engineer Supervisor	experience on light rail projects which include DBB, GCCM and DB project delivery methods	Sound Transit, South 200th Link Extension - Parking Garage (S445)	\$30M	DB	OREP	OREP	OREP		2011	2016
		· · · · · · · · · · · · · · · · · · ·	Federal Way Link Extension	\$1,285	DB	OREP	OREP	OREP		2013	Present
			Panama Canal Third Set of Locks	\$4.0B	DB		ODM			2012	2016
			Tanap Natural Gas Compressor and Meterin Stations	\$1.1B	DB		OENG	OCTR	ODM	2016	2017
Ayhan Utkan, SE, PE, PMP, LEED BD+C,	Senior Civil Engineer	Over 20 years of engineering and construction experience in the public and private sector, including experience in DB and GC/CM.	Sound Transit, Northgate Station	\$180	WA Heavy Civil GC/CM			ODM	ODM	2018	Present
,		······································	Sound Transit, Roosevelt Station	\$130	WA GC/CM			ODM	ODM	2018	Present
			Sound Transit, U District Station	\$122	WA GC/CM			ODM	ODM	2018	Present
			Sound Transit, Federal Way Link Extension	\$1,285	DB		ODM	ODM		2020	Present
			Sound Transit, Lynnwood Link South	\$471	WA Heavy Civil GC/CM	OENG	OENG			2013	2017
			Sound Transit, Lynnwood Link North	\$471	WA Heavy Civil GC/CM	OENG	OENG			2013	2017
			Sound Transit, South 200th Link Extension - Airport to S 200th	\$169	WA DB	OENG	OENG	OENG	OENG	2011	2016
			Sound Transit, Downtown Bellevue to Spring District	\$321	WA Heavy Civil GC/CM	OENG	OENG	OENG		2012	Present
		Over 25 years of experience within the transportation industry in	Sound Transit, Seattle to South Bellevue	\$410	WA Heavy Civil GC/CM	OENG	OENG	OENG		2012	Present
Jason Bailey, PE	Engineering Manager -Track	both the public and private sectors, including managing or supporting multiple phases light rail projects.	Sound Transit, SR 520 to Overlake Transit Center	\$242	WA DB	OENG	OENG	OENG		2012	Present
		supporting multiple phases light rail projects.	Sound Transit, University Link Systems	\$119	WA GC/CM	OENG	OENG	OENG	OENG	2010	2016
			Sound Transit, OMF East	\$219	WA DB	OENG	OENG			2015	Present
			Sound Transit, Downtown Redmond Link Extension	\$732	WA DB	OENG				2017	Present
			Sound Transit, Federal Way Link Extension	\$1,285	WA DB	OENG				2017	Present
		20 years of experience in the Right of Way/Real Property field, managing and directing the acquisition of real property for	Sound Transit, Federal Way Link Extension Sound Transit, East Link Extension	\$3000+	WA DB	OREP	OREP	OREP		2017	present
Mike Bulzomi, SR/WA	Acting Director, Real Property	infrastructure projects, and the relocation of people and businesses	Sound Transit, South Link Extension	6224		OREP	0050	0050		2045	
		displaced by those projects. All project experience includes support of construction activities.	Sound Transit, East Link Extension	\$321 \$169	WA DB	OREP	OREP OREP	OREP		2015 2015	2018 2018
		support of construction activities.	Sound Transit, South Link Extension Sound Transit, SR 520 to Overlake Transit Center	\$242	WA DB WA DB	OPROC	OPROC	OPROC		2013	Present
		Over 25 years of construction and project management experience	Sound Transit, University Link Systems	\$119	WA GC/CM			OPROC		2014	Present
Brian Barson, PMP, CPPB, DBIA	Project Manager, Federal Way Link Extension	including 6 years of public procurement and contracting experience	Sound Transit, Northgate / East Link Systems	\$360	WA Heavy Civil GC/CM	OPROC		OPROC		2016	Present
DUR	Extension	with DB & GC/CM Procurement and contract administration	Sound Transit, Federal Way Link Extension	\$1,285	WA DB	OPROC	OPM	OPM		2017	Present
			Sound Transit, Lynnwood Link North	\$425	WA Heavy Civil GC/CM	OPROC				2016	2017
DECM PROJECT CONTROLS		I	T			1	1		1		
			Sound Transit, Lynnwood Link South	\$471	WA Heavy Civil GC/CM	OEX	OEX			2013	Present
			Sound Transit, Lynnwood Link North	\$425 \$350	WA Heavy Civil GC/CM WA Heavy Civil GC/CM	OEX OEX	OEX OEX			2013 2013	Present Present
			Sound Transit, Northgate / East Link Systems Sound Transit, Northgate Station	\$180	WA Heavy Civil GC/CM	OEX	OEX			2013	Present
		Over 25 years of project/construction management of private and	Sound Transit, Notingate Station	\$130	WA Heavy civil GC/CIVI	OEX	OEX			2011	Present
Aniekan Usoro, PMP, CCP,	Deputy Executive Director	public works projects, including transit, building, and heavy/civil	Sound Transit, U District Station	\$122	WA GC/CM	OEX	OEX			2011	Present
AVS		projects	Sound Transit, Seattle to South Bellevue	\$410	WA Heavy Civil GC/CM	OEX	OEX			2013	Present
			Sound Transit, Downtown Bellevue to Spring District	\$321	WA Heavy Civil GC/CM	OEX	OEX			2013	Present
			Sound Transit, UW Station	\$142	WA GC/CM	OEX	OEX	OEX	OEX	2009	2017
			Sound Transit, Capitol Hill Station	\$105	WA GC/CM	OEX	OEX	OEX	OEX	2009	2017
			Sound Transit, University Link Systems	\$119	WA GC/CM	OEX	OEX	OEX		2010	2017
			Sound Transit, Lynnwood Link South	\$425	WA Heavy Civil GC/CM	OCTR				2013	Present
			Sound Transit, Lynnwood Link North	\$471 \$180	WA Heavy Civil GC/CM	OCTR OCTR	ОСТР			2013	Present
	1		Sound Transit, Northgate Station Sound Transit, Roosevelt Station	\$180 \$130	WA Heavy Civil GC/CM WA GC/CM	OCTR	OCTR OCTR	+		2011 2011	Present Present
	1		Sound Transit, U District Station	\$130	WA GC/CM	OCTR	OCTR	1	1	2011	Present
	Director Estimating Schoduling Rick 8	29 years of project and construction management experience, specifically in the management, development and implementation	Sound Transit, UW Station	\$142	WA GC/CM	OCTR	OCTR	OCTR	OCTR	2009	Present
Adam Strutynski DMD DCD	Director, Estimating, Scheduling, Risk &	specificary in the management, development and implementation	Sound Transit, Capitol Hill Station	\$105	WA GC/CM	OCTR	OCTR	OCTR	OCTR	2011	Present
	VE, Design Engineering and Construction	of cost and schedule controls, risk management and value					OCTR	OCTR	OCTR	2007	2009
	VE, Design Engineering and Construction Management	of cost and schedule controls, risk management and value engineering	City of Kent, Kent Event Center	\$75	WA GC/CM		OCIK	OCIK	00111		-
	VE, Design Engineering and Construction	of cost and schedule controls, risk management and value	City of Seattle, Fire Station/Emergency Operations and Command	\$75 \$44	WA GC/CM WA GC/CM		OCTR	OCTR	OCTR	2005	2008
	VE, Design Engineering and Construction	of cost and schedule controls, risk management and value	City of Seattle, Fire Station/Emergency Operations and Command Center	\$44	WA GC/CM		OCTR	OCTR	OCTR	2005	
	VE, Design Engineering and Construction	of cost and schedule controls, risk management and value	City of Seattle, Fire Station/Emergency Operations and Command Center City of Seattle, Fire/Police Joint Training Center	\$44 \$38	WA GC/CM WA GC/CM		OCTR OCTR	OCTR OCTR	OCTR OCTR	2005 2004	2008 2007 2003
Adam Strutynski, PMP, PSP, AVS, PMI-RMP	VE, Design Engineering and Construction	of cost and schedule controls, risk management and value	City of Seattle, Fire Station/Emergency Operations and Command Center	\$44	WA GC/CM		OCTR	OCTR	OCTR	2005	2007
	VE, Design Engineering and Construction	or cost and schedule controls, risk management and value engineering	City of Seattle, Fire Station/Emergency Operations and Command Center City of Seattle, Fire/Police Joint Training Center City of Seattle, City Hall	\$44 \$38 \$72	WA GC/CM WA GC/CM WA GC/CM	OCTR	OCTR OCTR OCTR	OCTR OCTR OCTR	OCTR OCTR OCTR	2005 2004 1999	2007 2003
	VE, Design Engineering and Construction	of cost and schedule controls, risk management and value	City of Seattle, Fire Station/Emergency Operations and Command Center City of Seattle, Fire/Police Joint Training Center City of Seattle, City Hall City of Seattle, Justice Center/Police Headquarters	\$44 \$38 \$72 \$92	WA GC/CM WA GC/CM WA GC/CM WA GC/CM	OCTR OCTR OCTR	OCTR OCTR OCTR OCTR	OCTR OCTR OCTR	OCTR OCTR OCTR	2005 2004 1999 1999	2007 2003 2002

				Droject Cine			Role During	Project Phases			
Name	Title	Summary of Experience	Project Name	Project Size (in Millions)	Project Delivery Type	Planning	Design	Construction	Commissioning, Startup, Closeout	Role Start	Role Finish
			Sound Transit, South 200th Link Extension - Parking Garage	\$30	WA DB	OCTR	OCTR	OCTR	OCTR	2013	2017
Anita McConnell	Project Control Supervisor	23 years of project control and construction management	Sound Transit, South 200th Link Extension - Airport to S 200th	\$169	WA DB	OCTR	OCTR	OCTR	OCTR	2011	Present
Anita Micconnen	Project Control Supervisor	experience for public works projects in the public agencies and in private industry.	Sound Transit, Operation Maintenance Facility East (M200) - Operation Maintenance Facility East	\$219	WA DB	OCTR	OCTR	OCTR		2016	2017
			Sounder Commuter Rail Kent Station Parking Garage	\$10	WA DB			CM	CM	2000	2003
Juan Gonzales	Sr. Project Control Specialist	10+ years of design and construction management experience on	Sound Transit, UW Station	\$142	WA GC/CM		OCTR	OCTR	OCTR	2011	Present
Juan Gonzales	SI. Project control specialist	public works projects	Sound Transit, Capitol Hill Station	\$105	WA/GC/CM	OCTR	OCTR	OCTR	OCTR	2009	Present
			Sound Transit, UW Station	\$151	WA/GC/CM			OCTR	OCTR	2010	2017
			Sound Transit, Capitol Hill Station	\$116	WA/GC/CM			OCTR	OCTR	2010	2017
			Sound Transit, University Link Systems Alignment	\$123	WA/GC/CM			OCTR	OCTR	2010	2017
			Sound Transit, Maintenance of Way Building	\$13	DB			OCTR	OCTR	2010	2017
Peter Lam	Project Control Manager	20 years of procurement/contract administration, engineering, risk	Sound Transit, E130 Segment (Floating Bridge/Tunnel/Guidewy & 2 Stations)	\$666	WA Heavy Civil GC/CM			OCTR		2015	Present
		management and construction cost management experience	Sound Transit, E335 Segment ( Guideway and 4 Stations)	\$397	WA Heavy Civil GC/CM			OCTR		2015	Present
			Sound Transit, East Link Systems Alignment	\$256	WA Heavy Civil GC/CM			OCTR		2015	Present
			Sound Transit, E360 Segment (Guideway, Pedestrian bridges, 2 stations	\$225	DB			OCTR		2015	Present
			Sound Transit, Operation & Maintenance Facility - East	\$219	DB			OCTR		2017	Present
			Sound Transit, Downtown Redmond Extension	\$732	DB	OCTR				2017	Present
			Sound Transit, South 200th Link Extension - Parking Garage (S445)	\$30M	WA DB		OCTR	OCTR	OCTR	2013	2016
			Sound Transit, South 200th Link Extension - Airport to S 200th (S440)	\$169M	WA DB		OCTR	OCTR	OCTR	2012	2016
			Sound Transit, Sounder Yard Expansion	\$12M	WA DB		OCTR	OCTR	OCTR	2014	2017
Brian Ellingson	Sr. Scheduling Engineer	20 years of design and construction management experience	Sound Transit, Maintenance of Way Building	\$16M	WA DB		OCTR	OCTR	OCTR	2013	2016
			Sound Transit/Federal Way Link Extension	\$1,285	WA DB		OCTR	OCTR	OCTR	2017	Present
			WSDOT, SR 519 Phase 2 Sound Transit, Capitol Hill Station	\$70M \$105M	WA DB WA GC/CM		OCTR OCTR	OCTR OCTR	OCTR OCTR	2008 2011	2009
			Sound Transit, Capitor Hill Station Sound Transit, University Link Extension Train Systems and Track	\$120M	WA GC/CM		OCTR	OCTR	OCTR	2011	2016 2016
			Sound Transit, UW Station	\$141M	WA/GC/CM		OCTR	OCTR	OCTR	2009	2016
<b>OPERATIONS &amp; MAINTENA</b>	ANCE					•			•		
		Over 40 years' experience in public and private sector transportation and maintenance including bus operations.	Minneapolis Hiawatha Line	\$715	MN DB				OPM	2001	2006
		Agency Rail Oversight Manager for the DB of the Minneapolis Hiawatha Line including PM for the 90M LRV procurement	Sound Transit, South 200th Link Extension - Airport to S 200th	\$169	WA DB				OPM	2007	Present
Paul Denison	Director, Light Rail Operations	contract. End user and customer for the last Sound Transit DB contracts; Angle Lake Link extension and the Forest Street	Sound Transit, Capitol Hill Station	\$105	WA DB				OPM	2007	Present
		MOW building. In-depth experience in integrated testing for vehicles, systems and safety certification. General Manager	Sound Transit, UW Station	\$142	WA GC/CM					2007	Present
		for a heavy rail operating contractor.	Sound Transit, Maintenance of Way Base	\$16	WA DB					2007	Present
	Fuentius Operations Director Transit	15 years experience in Operations specializing in transportation, managing rail fleet plans, overseeing rail	Sound Transit, South 200th Link Extension - Airport to S 200th	\$169	WA DB				OPM	2014	Present
Marie Olson	Executive Operations Director, Transit Expansion	staffing, training, rules, & procedures, and planning pre- revenue & simulated service phases. Includes South 200th & U	Sound Transit, Capitol Hill Station	\$105	WA/GC/CM				OPM	2014	Present
		Link Extensions.	Sound Transit, UW Station	\$142	WA GC/CM				OPM	2014	Present
		30 years of experience managing transportation projects through planning, design and construction phases and into	Sound Transit, Federal Way Link Extension	\$1,285	WA DB		OREP	OREP	OREP	2018	Present
		operations. Provide project oversight to ensure that the	Sound Transit, Operations and Maintenance Facility South	\$700	TBD	OREP		l		2018	Present
Allison Dobbins, PMP	Corridor Operations Director	agency's operability, maintainability and passenger	Sound Transit, Tacoma Dome Link Extension	TBD	TBD	OREP				2018	Present
		experience goals are met during planning, design and	Sound Transit, Hilltop Tacoma Link Extension	\$252	DBB		OREP	OREP	OREP	2020	Present
		construction.	Sound Transit, Operations and Maintenance Facility North	\$700	TBD	OREP	0050	0050	0050	2020	Present
			Sound Transit, Federal Way Link Extension	\$1,285 \$410	WA DB WA Heavy Civil GC/CM		OREP	OREP	OREP	2019 2018	Present 2020
	1		Sound Transit, Seattle to South Bellevue Sound Transit, Downtown Bellevue to Spring District	\$410 \$321	WA Heavy Civil GC/CM WA Heavy Civil GC/CM	1	1	OREP	OREP	2018	2020
	1	Over 20 years of combined experience in design and measurement	Sound Transit, SR 520 to Overlake Transit Center	\$225	WA Heavy Civil GC/Civi WA DB			OREP	OREP	2018	2020
	1	Over 30 years of combined experience in design and management of transportation projects through planning, design and	Sound Transit, Operations and Maintenance Facility East	\$225	WA DB WA DB	1	1	OREP	OREP	2018	2020
Theresa Nagle, PMP, Assoc.	Senior Design Review Program Manager		Sound Transit, Operations and Wantenance Facility East	\$550	WA DB	PM		0.121	0.121	2016	2020
				\$896		PM			1	2013	2015
		ensure that the agency's operability, maintainability and passenger	Sound Transit, Lynnwood Link								
DBIA			Sound Transit, Lynnwood Link BNSF, Telecommunications Building Retrofit	1	DB	PM	PM	PM		2011	2013
			Sound Transit, Lynnwood Link BNSF, Telecommunications Building Retrofit Sound Transit, UW Station	\$1 \$1 \$142	DB WA GC/CM	PM	PM PM	PM		2011 2008	2013 2010
			BNSF, Telecommunications Building Retrofit	\$1		PM		PM			

							Role During	Project Phases			
Name	Title	Summary of Experience	Project Name	Project Size (in Millions)	Project Delivery Type	Planning	Design	Construction	Commissioning, Startup, Closeout	Role Start	Role Finish
			Multiple big-box retail with structural D-B component	\$10	Private sector D-B	OPM	OPM	OPM	OPM	2000	2005
			Olive 8 mixed use high-rise tower with MEP D-B component	\$180	Private sector D-B	DES	DES	DES		2005	2009
	Manager Design Review Program	25 years private sector experience, both as design architect	Ketchikan Federal Bldg New Biomass Heating System	\$5	DB	OREP	OREP	OREP	OREP	2010	2011
Mike Rayburn	Managers, Operations	and as owner representative. 8 years federal and local public	TOK Border Station upgrades	\$1	DB	OREP	OREP	OREP		2010	2011
		sector including 5 years transit.	Seattle Federal Courthouse Fire System Upgrades	\$1 \$1	DB DB	OREP	OREP	OREP	OREP	2009 2012	2009 2012
			Blaine Border Station Fire Alarm System Upgrades Various Sound Transit Capital Repair Projects	\$1 \$1	WA DB	OREP	OREP	OREP	OREP	2012	2012
SAFETY & QUALITY ASSURA	NCE			31	WA DB	UPIVI	UPIM	UPIVI	OFIM	2016	2018
			Sound Transit, E360, Overlake Village to Overlake Transit Center Extension	\$250M	WA DB	OREP	OREP	OREP	OREP	2017	Present
			Sound Transit, Maintenance of Way Building - East	\$12M	WA DB	OREP	OREP	OREP	OREP	2017	Present
Matthew Mitchell, CSP	Senior System Safety and Assurance	8 years public and private project management and safety	Sound Transit, South Bellevue (E320)	\$321	DBB	OREP	OREP	OREP	OREP	2017	Present
Matthew Mitchell, CSP	Manager	experience, including DB and railroad safety management	Sound Transit, Downtown Bellevue Tunnel (E330)	\$121	DBB	OREP	OREP	OREP	OREP	2017	Present
			Sound Transit, Downtown Bellevue to Spring District (E335)	\$265M	WA GC/CM	OREP	OREP	OREP	OREP	2017	Present
			Sound Transit, Bel-Red (E340)	\$93	DBB	OREP	OREP	OREP	OREP	2018	Present
	CTC .		BNSF Railways, La Pine, Oregon Grade Separation	\$10M	OR CM/GC	OREP	OREP	OREP	OREP	2015	2017
PROCUREMENT & CONTRA	<i>cis</i>			64.205						2016	
I			Sound Transit, Federal Way Link Extension	\$1,285	WA DB WA DB	OPROC OPROC	OPROC OPROC	OPROC OPROC		2016	Present
			Sound Transit, Downtown Redmond Link Extension Sound Transit, Lynnwood Link South	\$732 \$471	WA DB WA Heavy Civil GC/CM	OPROC	OPROC	OPROC		2013	Present
			Sound Transit, Lynnwood Link South	\$425	WA Heavy Civil GC/CM	OPROC	OPROC	OPROC		2013	Present
			Sound Transit, Lynnwood Link North Sound Transit, Northgate / East Link Systems	\$350	WA Heavy Civil GC/CM	OPROC	OPROC	OPROC		2013	Present
			Sound Transit, Operations and Maintenance Facility East	\$220	WA DB	OPROC	OPROC	OPROC	OPROC	2016	Present
			Sound Transit, Northgate Station	\$180	WA Heavy Civil GC/CM	OPROC	OPROC	OPROC		2011	Present
		Over 25 years in public sector procurement and contracts,	Sound Transit, Roosevelt Station	\$130	WA GC/CM	OPROC	OPROC	OPROC		2011	Present
Ted Lucas	Chief Procurement and Contracts Officer	delivering many project under the Design-Build and GCCM deliveyr methods.	Sound Transit, U District Station	\$122	WA GC/CM	OPROC	OPROC	OPROC		2011	Present
		methous.	Sound Transit, Seattle to South Bellevue	\$410	WA Heavy Civil GC/CM	OPROC	OPROC	OPROC		2013	Present
			Sound Transit, Sounder Yard Expansion	\$12	WA DB	OPROC	OPROC	OPROC	OPROC	2015	Present
			Sound Transit, Sounder Maintenance Base	\$\$55	WA DB	OPROC	OPROC	OPROC	OPROC	2015	Present
			Sound Transit, Puyallup Station Access Improvements	\$38	WA DB	OPROC	OPROC	OPROC		2016	Present
			Sound Transit, Downtown Bellevue to Spring District	\$321	WA Heavy Civil GC/CM	OPROC	OPROC	OPROC		2013	Present
			Sound Transit, SR 520 to Overlake Transit Center	\$225	WA DB	OPROC	OPROC	OPROC		2013	Present
Amanda Lanier (Mazzuca), CPPO	Design & Construction Contracts Director	20 years of government project management (5) and procurement and contract management (15) with experience in the RCW 39.10 alternative project delivery methods of General Contractor/Construction Manager (GC/CM); Progressive Design- Build (PDB); Traditional Design-Build (DB); and Job Order Contractor/COC_D_RD_GUILGE Construction Contractor	Sound Transit, South Link Project Airport to S 200th Port of Seattle, International Arrivals Facility	\$169 \$900	WA DB Progressive DB	OPROC	OPROC OPROC	OPROC	OPROC	2011	2013
CPPO		Contracting (JOC). Plus, Building Engineering Systems selection in RCW 39.04.290 and competitive negotiation authorized by RCW	Port of Seattle, North Satellite Expansion Program	\$659	GC/CM with ECCM and MCCM	OPROC	OPROC	OPROC		2014	2016
		39.04.270 to design & install an advanced meter system. RFx to	Port of Seattle, Alternative Utility Facility	\$36	WA GC/CM	OPROC	OPROC			2015	2016
		analyze the feasibility of public-private partnership (P3) transit-	Port of Seattle, Concourse D Hardstand Project	\$38	WA GC/CM	OPROC	OPROC			2016	2016
		oriented development (TOD).	City of Bellevue, Advanced Metering Infrastructure (AMI)	\$20	WA DB	OPROC	OPROC			2017	2020
			Sound Transit, Seattle to South Bellevue	\$410	WA Heavy Civil GC/CM	OPROC	OPROC			2013	2019
			Sound Transit, Federal Way Link Extension	\$1,285	WA DB	OPROC	OPROC	OPROC		2016	2019
			Sound Transit, Downtown Redmond Link Extension	\$732	WA DB	OPROC	OPROC	OPROC		2016	2019
		Over 12 years in public sector Procurement and contract	Sound Transit, Lynnwood Link South	\$471	WA Heavy Civil GC/CM	OPROC	OPROC	OPROC	-	2016	2019
Nick Datz, CPPB, Assoc. DBIA	Procurement & Contract Division Technical Advisor	administration, including DB and GC/CM procurement and contract	Sound Transit, Lynnwood Link North	\$425	WA Heavy Civil GC/CM	OPROC	OPROC	OPROC		2016	2019
		administration.	Sound Transit, Northgate / East Link Systems	\$350 \$38	WA Heavy Civil GC/CM	OPROC OPROC	OPROC	OPROC OPROC		2013 2016	2019
			Sound Transit, Puyallup Station Access Improvements Sound Transit, Operations and Maintenance Facility East	\$220	WA DB WA DB	OPROC	OPROC OPROC	OPROC	OPROC	2016	2019 2019
			Sound Transit, Operations and Maintenance Facinty East	\$31	WA DB WA DB	OPROC	OPROC	OPROC	OPROC	2010	2019
			Sound Transit, Angle Lake Farking Galage	\$321	WA Heavy Civil GC/CM	OPROC	OPROC	ornoc	ornoe	2012	Present
			Sounder Yard Expansion	\$12	WA Heavy civil GC/Civil	0.100	OPROC	1	t	2013	2017
Steven Johnson, CPPO	Design & Construction Contracts Deputy	8 years in public sector procurement and contract administration,	South 200th Link Extension Parking Garage	\$33	WA DB		OPROC			2016	2017
	Director	including DB contract administration.	Seattle To South Bellevue	\$665	WA Heavy Civil GC/CM	İ	OPROC		İ	2016	2017
	Senior Design & Construction Contracts	Over 6 years of experience at public transit agencies with capital	Sound Transit, Lynnwood Link North	\$471	WA Heavy Civil GC/CM		OPROC			2017	Present
Karen Mesko, Assoc. DBIA	Specialist	projects, including procurement and contract administration,		-		<u> </u>			<u> </u>		
	openanae	program management, and federal compliance.	Sound Transit, Lynnwood Link South	\$425	WA Heavy Civil GC/CM	ļ	OPROC		ļ	2017	Present
	Sr. Design and Construction Control	8 years in public sector procurement and contract administration,	Sound Transit, Downtown Redmond Link Extension	732	WA DB		OPROC	OPROC		2018	Present
Petra Payne	Sr. Design and Construction Contracts Specialist	including alternate project delivery such as Design-Build and	Sound Transit, Seattle to South Bellevue	410	WA Heavy Civil GC/CM		OPROC	OPROC		2017	2020
	Specialist	GC/CM procurement and contract administration.	Sound Transit, SR 520 to Overlake Transit Center SYE DB	225	DB			OPROC	000000	2018 2017	Present
	Sr. Design and Construction Contracts	16 years in public and private sector procurement and contract	SYE DB Sound Transit, Federal Way Link Expansion Design Build	12 \$1285	DB Design Build	<u> </u>		OPROC OPROC	OPROC	2017 2019	2020 Present
Cathy Roberts	Specialist	administration, including DB contract administration.	Northgate/East Link Systems	\$518	WA Heavy Civil GC/CM		i i	OPROC	1	2013	Present

				Design Circ			Role During	Project Phases			
Name	Title	Summary of Experience	Project Name	Project Size (in Millions)	Project Delivery Type	Planning	Design	Construction	Commissioning, Startup, Closeout	Role Start	Role Finish
		Over 6 years of experience in public sector construction procurement of SWR, JOC, WA GCCM, and DBB in both vertical and									
Elizabeth Maldonado, Assoc. DBIA		horizontal projects as well as competitively procured and	Sound fransit, NE 200th to Lynnwood fransit Center	\$846 \$848	WA Heavy Civil GC/CM		OPROC	OPROC OPROC		2018 2018	
DBIA	Specialist	negotiated project delivery methods. This includes procurement, contract administration, and federal compliance.	Sound Transit, Lynnwood Link Expansion South	\$848	WA Heavy Civil GC/CM		OPROC	UPROC		2018	
Chris Riley, CPPB, Assoc. DBIA	Design and Construction Contracts Specialist	Over 4 years of experience in public sector construction and A&E procurement.	S445 South 200th Link Extension Parking Garage	\$32	Design-Build				OPROC	2020	present
		Over 15 years of experience in public sector construction									
Malissa Jardan CDDD Assas	Acting Managar, Design and Cosphriution	procurement of SWR, JOC, WA GCCM, DBB, and DB in both vertical	Sound Transit, Northgate Station Sound Transit. Roosevelt Station	\$208 \$152	DB WA GCCM	OPROC OPROC	OPROC OPROC	OPROC OPROC		2019 2019	
Melissa Jordan, CPPB, Assoc DBIA	Contracts	and horizontal projects as well as competitively procured and negotiated all project delivery methods. Other duties include	Sound Transit, Roosevelt Station Sound Transit, U District Station	\$152	WA GCCM WA GCCM	OPROC	OPROC	OPROC		2019	
	contracts	contract administration and federal compliance of all the above procurement types.	Sound Transit, Puyallup Station Access Improvements	\$46	DB	OPROC	OPROC	ornoc		2019	
		Over 5 years of experience in public sector construction									
Nathaniel Tillman	Design and Construction Contracts	procurement of SWR, JOC, DBB, and DB in both vertical and	Sound Transit, Puyallup Station Access Improvements	\$46	Design Build			OPROC		2020	
	Specialist	horizontal projects. Competitively procured and negotiated JOC, SWR, and DBB. Actively involved in DB contract administration.			-						
LEGAL			ļ	4	<u> </u>		ł				ł – ,
			Sound Transit, Lynnwood Link South	\$471	WA Heavy Civil GC/CM	OPROC	OPROC			2013	Present
			Sound Transit, Lynnwood Link North	\$425	WA Heavy Civil GC/CM	OPROC	OPROC			2013	Present
			Sound Transit, Northgate / East Link Systems	\$350	WA Heavy Civil GC/CM	OPROC	OPROC			2013	Present
			Sound Transit, Northgate Station	\$180	WA Heavy Civil GC/CM	OPROC	OPROC			2011	Present
			Sound Transit, Roosevelt Station	\$130	WA GC/CM	OPROC	OPROC		-	2011	Present
			Sound Transit, U District Station Sound Transit, Seattle to South Bellevue	\$122 \$410	WA GC/CM WA Heavy Civil GC/CM	OPROC OPROC	OPROC OPROC			2011 2013	Present Present
			Sound Transit, Seattle to South Bellevue Sound Transit, Downtown Bellevue to Spring District	\$321	WA Heavy Civil GC/CM WA Heavy Civil GC/CM	OPROC	OPROC			2013	Present
	Managing Legal Counsel	Combined 40 years of experience in contract development, construction procurement, claims resolution, and litigation for	Sound Transit, Downtown Believue to Spring District	\$142	WA Heavy civil GC/CM WA GC/CM	OPROC	OPROC	OPROC	OPROC	2013	Present
Jim Niemer, JD	Sr. Legal Counsel	horizontal and vertical construction projects of all kinds including	Sound Transit, Capitol Hill Station	\$105	WA GC/CM	OPROC	OPROC	OPROC	OPROC	2009	Present
Jeri Arbuckle		DBB, DB, GC/CM and various other competitively procured and	Sound Transit, University Link Systems	\$119	WA GC/CM	OPROC	OPROC	OPROC	ornoe	2010	Present
		negotiated project delivery methods.	Sound Transit, Spring District to Redmond Technology Center	\$225	Design Build	OPROC	OPROC		1	2013	Present
			Sound Transit, Federal Wat Link Extension	\$1,285	Design Build	OPROC	OPROC			2018	Present
			DART Green Line Light Rail Extension (28 mi)	\$1,800	TX CM/GC	OPROC	OPROC	OPROC	OPROC	2005	2011
			DART Orange Line Light Rail Extension (37 mi) to DFW airport	\$1,300	TX Design Build	OPROC	OPROC	OPROC	OPROC	2007	2015
			DART Blue Line Light Rail Extension (4.5 mi)	\$300	TX Design Build	OPROC	OPROC	OPROC	OPROC	2008	2013
			Dallas Tiger funded Street Car (1.6 mi)	\$50	TX Design Build	OPROC	OPROC	OPROC	OPROC	2012	2016
			DART South Oak Cliff 3 Light Rail Ext	\$150	TX CM/GC	OPROC	OPROC	OPROC	OPROC	2012	2017
			DART Light Rail Starter System (20+ mi)	\$100	DBB		OPROC	OPROC	OPROC	1995	2005
	PROJECT DELIVE	RY TYPE KEY				INDIVI	DUAL ROLE KEY				
WA DB	WA State Design-Build project administered	IL GCCM: Illinois State GCCM project			As the Public Body:		As a S	ubconsultant or Su	ubcontractor to a P	rime:	
PU DB	under RCW 39.10. A public/federal Design-Build project	AZ GCCMART: Arizona State GCCM Art project		OEX	The executive or manager for the		SUBPROC	A subconsul	tant providing pro	ocurement	
					Owner responsible for the project				services		
PR DB	A Design-Build project for a private owner	MAL/DB: Malaysia Design Build project		OPM	The Owner's Project Manager		SUBADV		ultant providing sultant providing		
WA GC/CM	WA State GC/CM project administered under RCW 39.10.	CA/DB: California State Design-Build project		ODM	The Owner's Design Manager		SUBPM	ma	nagement service	es	
OR CM/GC	OR State CM/GC project			ОСМ	The Owner's Construction Manager		SUBCTR		nt providing proj ng, or estimating		
PU CM@R	A public/federal CM at Risk project			OENG	As the Owner acting as the resident engineer or field engineer		SUBDES		ultant providing o gineering service		
PR CM@R	A CM at Risk project for a private owner			OREP	The Owner's Representative		SUBCM	A subconsul	tant providing co	nstruction	
DBB	Public or Private Design-Bid-Build project			OPROC	The Owner's Procurement Manager or Attorney		SUBCON	A subcontract	or to the prime o	n the project	
DBOM	Design-Build Operate Maintain			OCTR	Provided project controls, scheduling, or estimating support to the project as the Owner						
DBOT	Design-Ruild Operate Transfer				As a Prime Consult	ant or Prime Con	tractor providing	service to the Pul	alic Body:		L
	Design-Build Operate Transfer				A prime consultant providing			ultant providing		The prime	e contractor
PPP	Public Private Partnership			PROC	procurement services	CTR		rols, scheduling,	CON		e for building
									1		e contractor
					A prime consultant providing			Record or prime			
СМИР	CM Unit Price			ADV	project advisory, oversight, or	DES	consultant p	roviding design	PRECON	respor	nsible for
	CM Unit Price Minnesota State GC/CM project			ADV		DES	consultant p			respor	

#### Attachment 4-Project Data Collection

No.	Delivery Method	Procurement #	Project Title	Project Description	Project Value	Entered into CPARB Data Collection System	Complete
1	TBD	TBD	Tacoma Link Extension	The Tacoma Dome Link Extension project (Project) will study extending light rail transit from the Federal Way Transit Center in the City of Federal Way to the Tacoma Dome area in the City of Tacoma a total distance of approximately 9.7 miles.	TBD	No	No
2	TBD	TBD	Operations and Maintanence Facility: South	Operations and maintenance facility (OMF) in South sorridor between Federal Way and Tacoma Dome.	TBD	No	No
3	TBD	TBD	West Seattle to Ballard Extenstion	The West Seattle – Ballard Link Extension project will extend Sound Transit's light rail system from West Seattle to Ballard, connecting under downtown Seattle from international district through Queen Anne.	TBD	No	No
	DB	TBD	Sounder Maintanence Base	This project is to design and construct a maintenance facility for Sounder commuter rail fleet. The project will include a maintenance facility up to 60,000 square feet that includes 10 repair positions, wheel true equipment, surface parking lot, administrative offices and welfare areas for the employees; yard lead tracks; and ancillary civil improvements.	TBD	No	No
4	TBD	TBD	Bus Rapid Transit - North and South Lines	The Bus Rapid Transits (BRT) system is being planned as part of Sound Transit's ST3 system expansion program. The BRT program consists of planning, designing, and delivering Transit Stations, Buildings, Maintenance Facilities, State and Local Roadway Improvements, Parking Garages, Surface Parking, and Accessibility Projects on:	TBD	No	No
6	TBD	TBD	Bus Base North	Bus Base North will include a new bus maintenance and operations building, and a parking structure for buses and other vehicles. The facility will primarily be used by buses operating on the proposed I-405 and SR 522/NE 145th Bus Rapid Transit (BRT) lines, with some buses from the Sound Transit Express bus fleet also using this facility.	TBD	No	No
	AE	RTA/OA 0206-19	Bus Rapid Transit General Engineering Consultant	This suite of projects will be designed and constructed within the next five years utilizing various procurement methods, including Design/Build and Design/Bid/Build. Some of these projects are in conceptual design phase and other have not started yet. The design consultants that are currently retained by Sound Transit (ST) are contracted to develop conceptual engineering plans and environmental assessment for the assigned projects.	TBD	No	No
7	D-B-B	RTA/CN 0186-20	East Link Mercer Island Transit Integration	Project includes transit improvements on Mercer Island adjacent to the Sound Transit Station along North Mercer Way, 77th Avenue, and 80th Avenue SE on Mercer Island. The improvements will enhance bus/rail transfers and connect predestrians and cyclists to the station.	TBD	No	No
	AE	RTA/AE 0179-19	Everett Link Extension & OMF North	The Everett Link Extension project (Project) will study extending light rail transit approximately 16.3 miles from the Lynnwood City Center in the City of Lynnwood to the Everett Station in the City of Everett. In addition to the extension of light rail, this project will also include an operation and maintenance facility (OMF) in the corridor.	\$14	No	No
	AE	RTAOA 0160-19	Downtown Seattle Transit Tunnel General Engineering Consultant Services	The Downtown Seattle Transit Tunnel (DSTT) State of Good Repair Project General Engineering Consultant (GEC) will provide program and project management, design, construction management, and other professional technical services for the DSTT State of Good Repair Project. The work may include preparation and implementation of project management plans; engineering services in the preparation of technical assessments, studies and reports; preparation of plans, specifications, and estimates; permitting; preparation of construction contract documents; project schedule and budget development and management; construction contract administration; construction inspection; testing and special inspection; other specialty technical services associated with the retrofit of the tunnel, stations, and ancillary facilities; and coordination of Project work with other Sound Transit contract work and on-going rail operations	\$10	No	No
8	DB	RTA/CN 0148-18	Downtown Redmond Link Extension	The Project will extend light rail for 3.4 miles from the Redmond Technology Center Station at NE 40th Street to Downtown Redmond. Project elements include a double-track elevated, retained cut and at-grade light rail guideway including systems. One at-grade station in SE Redmond in the vicinity of Marymoor Park and one elevated station in Downtown Redmond at 166th Avenue NE. The project also includes bus transit, a parking garage, structured and surfaced multiuse trail facilities, civil and site work, roadway work, restoration landscaping, and wetland and stream mitigation work.	\$732	No	No
9	DB	RTA/CN 0009-17	Federal Way Transit Extension	The Federal Way Transit Extension will extend light rail from South 200th Street in the city of SeaTac to the existing Federal Way Transit Center in the city of Federal Way, a total distance of approximately 7.6 miles.	\$1,285	No	No
10	D-B-B	RTA/CN 0129-17	Tacoma Dome Link Extension	Construction of Tacoma Link expansion that includes approximately 2.4 miles long with six new stations and one relocated station. The project also includes expanding the existing operations and maintenance facility near Tacoma Dome Station.	\$175	No	No
11	Heavy Civil GC/CM	RTA/CN 0079-15C	Lynnwood Link South	Heavy civil construction, including pre-construction services for: • 4.8 mile light rail guideway (1.8 miles elevated and 3.0 miles retained cut/fill) • Light rail trackwork • One elevated station; one retained cut station • Two 500 stall parking garages.	\$425	No	No

#### Attachment 4-Project Data Collection

No.	Delivery Method	Procurement #	Project Title	Project Description	Project Value	Entered into CPARB Data Collection System	Complete
12	Heavy Civil GC/CM	RTA/CN 0010-16C	Lynnwood Link North	Heavy civil construction, including pre-construction services for: • 3.7 mile light rail guideway (2.3 miles elevated and 1.4 miles retained cut/fill • Light rail trackwork • Two elevated stations • 1650 stall parking garage.	\$471	No	No
13	A/E	TBD	West Seattle to Ballard Extenstion	The West Seattle – Ballard Link Extension project (Project) will study building high capacity transit within the City of Seattle from the vicinity of the Alaska Junction in the West Seattle Neighborhood to Downtown Seattle and from the vicinity of Market Street in the Ballard Neighborhood to Downtown Seattle. The Project includes the following representative ST3 Plan projects: West Seattle to Downtown Seattle Light Rail, Ballard to Downtown Seattle Light Rail, and Downtown Seattle Light Rail Tunnel. Note that the ST3 Plan intent is to construct the Ballard to Downtown Seattle project in conjunction with the Downtown Seattle Light Rail Tunnel project.	\$24	No	No
14	DB	RTA/CN0612-18	Puyallup Station Garage	To construct additional parking facilities (including a garage with 503 stalls) and pedestrian bridge to improve use/access to the Puyallup Station for pedestrians, bicyclists, and drivers.	\$55	No	No
15	A/E	RTA/AE 0030-17	Federal Way to Tacoma Dome Link	The Tacoma Dome Link Extension project (Project) will study extending light rail transit from the Federal Way Transit Center in the City of Federal Way to the Tacoma Dome area in the City of Tacoma a total distance of approximately 9.7 miles. In addition to the extension of light rail, this project will also include an operation and maintenance facility (OMF) in the corridor.	\$47	No	No
16	DB	RTA/CN 0020-16	Link Operations and Maintenace Facility: East	Construction of approximately 160,000 square foot Operation and Maintencacne Facility to store, service, maintain, inspect and deploy light rail vehicles associated with expansion of Northgate/East Link as additional 122 vehicles are being added, bringing the total fleet to 184. The project consists of 7 LRV maintenacne service bays, an LRV cleaning and wash facility, materials storage areas, administration and training spaces. This project also provides storage of trackway maintenance elements, and supporting train systems infrastructure such as traction power substations, train signal bungalows, and overhead traction power.	\$219	No	No
19	Heavy Civil GC/CM	RTA/CN0115-14C	Northgate / East Link / Lynwood Systems	Procure, and install three major system elements – Traction Electrification, 26kV Distribution, Signals and Communications for the Northgate and East Link projects. All systems will interface with other equipment such as elevators, escalators, ventilation fans, to allow control from the control center. Includes integration, testing and commissioning of all systems elements and ensuring a seamless integration to the existing systems (hardware and software) of the University Link Segment. Work also includes the connection and testing of the EMI mitigation cable within the floating track slabs that was provided by other contracts. In addition, work will also include the extension and integration of the26kV power distribution from the tunnel bores (provided by other contracts) to the switchgear room.	\$360	No	No