



February 27, 2019

Mr. Rustin Hall  
Project Review Committee Chair  
Dept. of Enterprise Services  
Engineering & Architectural Services  
P.O. Box 41476  
Olympia, WA 98504-1476

**Application for Re-Certification of Public Body to use Design-Build Delivery Method**

Dear Mr. Hall:

Since its inception in 1996, Sound Transit has planned, designed, constructed and commissioned nearly \$3 billion worth of transportation and transit infrastructure in the Puget Sound region. This includes numerous facilities to support our extensive regional express bus system in King, Pierce and Snohomish Counties; a commuter rail line from Lakewood to Everett; and a light rail system from downtown Seattle to Sea-Tac Airport.

With the passage of ST3 in 2016 and the remaining work under ST2, Sound Transit will generate billions of dollars in new design and construction contracts for the Puget Sound region. Our constituents are accustomed to Sound Transit delivering high quality transit infrastructure quickly, efficiently, and within budget. Re-Certification as a public body to use Design-Build as a potential delivery method will ensure we continue to deliver on these expectations.

In 2010, Sound Transit began utilizing the Design-Build delivery method, becoming a certified Public Body in 2015. Sound Transit has utilized the Design-Build delivery method on seven projects valued at over \$650 Million for its light rail and commuter rail systems during this time, successfully completing three projects and actively building the remaining four. In 2018, we anticipate procuring another four projects valued at over \$1.5 Billion under the Design-Build delivery method. Sound Transit can expand its Design-Build use because we have 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.

I have appointed Nick Datz, Design & Construction Contracts Manager to lead the application process for Sound Transit. Please feel free to contact Nick at 206-398-5236 or [nick.datz@soundtransit.org](mailto: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,

Peter Rogoff  
Chief Executive Officer

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**Peter M. Rogoff**

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 (GCCM) and/or Design-Build (DB) project delivery process. **Incomplete applications may delay action on your application.**

**1. Identification of Applicant**

- a) Legal name of Public Body (your organization): **Central Puget Sound Regional Transit (dba Sound Transit)**
- b) Address: **401 S. Jackson Street, Seattle, WA 98104-2826**
- c) Contact Person Name: **Nick Datz** Title: **Manager, Procurement and Contracts**
- d) Phone Number: **206-398-5236** Fax: **N/A** E-mail: **nick.datz@soundtransit.org**
- e) Effective Dates of current Certification \_\_\_\_\_ GC/CM **5/28/2018** DB
- f) Type of Certification Being Sought \_\_\_\_\_ GC/CM  DB

**2. Experience and Qualifications for Determining Whether Projects Are Appropriate for GCCM and/or DB Alternative Contracting Procedure(s) in RCW 39.10 (RCW 39.10.270 (2)(a))**

*Limit response to two pages or less.*

If there have been any changes to your agency's processes addressing items (a) and (b) below, please submit the revised process chart or list.

- (a) The steps your organization takes to determine that use of GCCM and/or DB is appropriate for a proposed project; and
- (b) The steps your organization takes in approving this determination.

Include and describe any such process changes since your original certification (*and reasoning for same*) to your determination process based upon your experience to date in utilizing the delivery method(s)

**Sound Transit Design-Build Selection and Approval Process Overview**

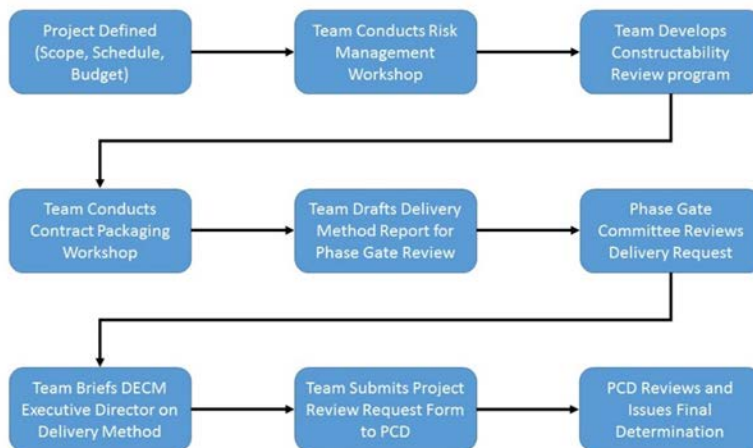


Figure 1 – ST Design-Build Delivery Selection Process

Sound Transit established clear and deliberate processes and procedures to determine if a project is appropriate for the Design-Build (DB) delivery method over four years ago. The Agency's processes have not changed drastically, but they have been refined and improved as our knowledge and experience with DB and other alternative delivery methods continues to expand. When determining the delivery method, we continue to bring together persons from different departments who possess significant DB experience to select the most appropriate delivery method. This section outlines the process shown in Figure 1 above, followed by an explanation of the changes that have occurred since Sound Transit's original certification in 2015.

- A. The delivery method selection process begins in the earlier stages of project design. This flow chart represents the main steps Sound Transit undertakes to select the most appropriate delivery method for each project.

During the early stages of project development, Sound Transit will define the project scope, budget and schedule. The Agency will then complete a Risk Management Workshop (RMP) which, among other items, discusses the risk with the various procurement strategies. Additionally, Sound Transit will complete a Constructability Review Program (CRP) thereby developing the framework contract packaging approach and delivery method. Sound Transit will then undertake a Contract Packaging Workshop where all potential delivery methods are discussed (e.g. traditional low bid, GC/CM, and Design Build).

#### Changes to Past Process

During this phase of project development and delivery selection, Sound Transit has modified a few things. First, the contract packaging workshop now occurs much earlier in design development. Sound Transit had previously determined the delivery method during the final stages of Preliminary Engineering, around 30% design. The Contract Packaging workshop now occurs once a preferred alternative has been identified with very minimal design performed. Early selection of the delivery method is an industry best practice and it allows Sound Transit to focus early design efforts towards the selected delivery method (Design-Build) while also organizing project staff much earlier, saving both time and money.

- B. The Contract Packaging Workshop Committee continues to have representation from various stakeholder departments including Planning, Environmental and Project Development (PEPD), Design, Engineering, and Construction Management (DECM), Operations, and Procurement & Contracts. Before evaluation begins, the committee will define the project goals, challenges, evaluation criteria, criteria priority, and packaging options. At a minimum, the evaluation criteria include:

- RCW 39.10.300 Requirements (Construction Methodology, Innovation, and Schedule)
- Scope
- Size
- Staff Experience
- Market Conditions
- Jurisdictions
- Administrative Efficiencies
- Competing Projects

Once the framework for the evaluation process is established, the committee will then proceed through evaluations and make its recommendation.

#### Changes to Past Process

The Contract Packaging Workshop hasn't been drastically changed since Sound Transit's previous certification, but some key improvements have been incorporated. The Committee now includes members from Sound Transit's Operations and Facilities department, incorporating operational and maintenance knowledge into the selection process. The minimum evaluation criteria have expanded from six to nine and the process is more clearly defined and standardized. These

improvements allow Sound Transit to better evaluate its projects to ensure that the most appropriate delivery method is being utilized.

- C. After the committee has completed its review of the project, the committee prepares a report that is then reviewed by Sound Transit's Phase Gate Committee. The Sound Transit Phase Gate process is a multi-disciplinary, multi-department project management process. The Gates are checkpoints which allow the Agency to assemble and review information, project alternatives, the project delivery method, scope, costs, schedule, cash flows, risks and affordability. The review at this stage occurs at Gate 2, Delivery Selection. The Phase Gate Committee will review the recommendations from the Contract Packaging Workshop, ensuring the agency is prepared to deliver the project under the proposed delivery method.

Changes to Past Process

The major change that has occurred during this stage of the process is the refinement of the Agency's Phase Gate process. The agency has streamlined and improved the phase gate review process to better handle alternative delivery projects and early delivery selection, reducing the number of gates from eight to six. The previous model was created based on a standard design-bid-build project which made it difficult to properly evaluate several items, including delivery selection, at the most appropriate time.

- D. After review by the Phase Gate Committee, the project team will refine the packaging and procurement strategies based on the review at Gate 2. The project team will then present the packaging and delivery method recommendations to the Executive Director of DECM and if a project is a candidate for DB, the project team starts developing a formal DB Project Review Request. Once the DB Project Review Request is finalized, it is submitted to the Procurement and Contracts, Design and Construction Contracts Manager for final review. Throughout the entire process the Procurement and Contracts Division, the central public works contracting authority for the agency, is involved with the evaluation, discussion, and final determination for project delivery selection.
- E. Design-Build Project Review Request

Sound Transit continues to utilize its Design-Build Project Review Request form with minimal changes from the previous request form. The form continues to require all the pertinent information listed in RCW 39.10 along with the criteria requested by the Project Review Committee for alternative delivery approval. A sample of the DB Project Review Request Form is included as Attachment 4 of this application.

Sound Transit continues to expand its experience and knowledge of the Design-Build delivery method and has made several changes to its delivery selection process. Improving the Agency's ability to not only evaluate a project for Design-Build, but also successfully delivery that project utilizing the Design-Build delivery method.

**3. 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.

Include the status of each **alternative delivery** project [*planned, underway, or complete, dates, and projected/determined construction cost*]. **Describe any** Litigation and Significant Disputes on **any Alternative Delivery Project since Previous certification.**

Please see Attachment 1

**4. 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.

Sound Transit's experience is provided in Attachment 2. Highlighted individuals are changes from the previous application. Individuals without highlights are repeated from the previous application, but the projects represent experience gained since the previous application.

**5. 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 application, please specify the project, briefly state those findings, and describe how your organization is resolving them.

Sound Transit has not had any audit findings on any public works project since its previous application.

**6. Project Data Collection**

Please provide a matrix listing of all projects with a total value of greater than \$5 million with a design agreement or design-build agreement in place **as of July 1, 2006**. This list shall also include projects within the public body's capital plan **projected** for the next three (3) years.


- Project Title
- Description of Project
- Agency's Project Number
- Project Value
- Delivery Method [DBB, DB, or GCCM - 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 see Attachment 3. Sound Transit has not been able to enter the data into the CPARB Data Collection System due to technical difficulties with the system.

**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 shall render your application incomplete.

*Should the PRC approve 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). Additionally, you understand that should this recertification be approved it is only valid for one additional three year period beyond your current certification expiration and that re-certification must be applied for under RCW 39.10.*

Signature:   
Name: (please print) Nick Date  
Title: Manager, Procurement & Contracts  
Date: 2/28/18

ID	Segment	Type	CUD	Project Name	Construction Substantial Completion	Construction Contract (in Millions)	Status	RCW 39.10 Criteria	Litigation/Major Disputes
1	Redmond Link	Design Build	TBD	Downtown Redmond LINK Extension	TBD	\$600	Planning	The Design-Build turnkey project provides the shortest overall duration and best opportunity in meeting the project revenue service date of 2024. Additionally, the integration of design and construction for civil, systems, track, facilities, and included parking garage allows for greater opportunities for innovation and efficiencies.	None
2	Federal Way Link	Design Build	TBD	Federal Way Link Extension	TBD	\$1,000	Planning	A single civil/systems contract with a single Design-Builder will result in better integration of the function of the facility and provide for a single point of accountability, will be easier for ST to manage, and will allow for innovation to enhance efficiency, customer service, and aesthetic/architectural quality. Additionally, enhanced design and construction schedule certainty can be realized by integrating design and construction of civil, structural, electrical, mechanical track work, facilities, and systems under one contract.	None
3	Sounder	Design Build	TBD	Sounder Maintenance Base	TBD	\$140	Planning	Design Build delivery was selected because the work that requires a single-point of responsibility to integrate civil, track work, facilities, and systems. The design build approach is critical to the success of the project due complicated facility performance requirements in compressed schedule.	None
4	Sounder	Design Build	TBD	Puyallup/Sumner Access Improvements	TBD	\$94	Planning	The Design Build method was selected because the main scope of this contract to design and construct multiple parking garages. Design Build method will provide Sound Transit an opportunity to bring the design-build contractor into planning and design very early in the project. Having a design-build contractor onboard early results in an integrated team working to complete a project faster and cost effectively with an opportunity to create more value for Sound Transit.	None
5	Lynnwood Link	Heavy Civil GCCM	L300	Northgate Way to NE 200th St.	February, 2024	\$471	In Preconstruction Service	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 I5, and phasing the work in cooperation with WSDOT is 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.	None
6	Lynnwood Link	Heavy Civil GCCM	L200	NE 200th St. to Lynnwood Station	February, 2024	\$425	In Preconstruction Service	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 I5.	None
7	Northgate Link/East Link	Heavy Civil GCCM	N830/E750	Northgate / East Link Systems	December, 2021	\$360	In Construction	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 tunnel/station/track contracts while maintaining uninterrupted railroad operating system throughout the construction phase.	None

ID	Segment	Type	CUD	Project Name	Construction Substantial Completion	Construction Contract (in Millions)	Status	RCW 39.10 Criteria	Litigation/Major Disputes
8	East Link	Heavy Civil GCCM	E130	Seattle to South Bellevue	December, 2020	\$665	In Construction	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.	None
9	East Link	Heavy Civil GCCM	E335	Downtown Bellevue to Spring District	December, 2020	\$228	In Construction	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. For example, the work includes project interfaces and complicated handovers with adjacent projects and the SEM Tunnel contractor as well as working in the downtown Bellevue corridor requiring GC/CM input during the design phase as to schedule and project phasing as well as coordination with authorities having jurisdiction.	None
10	Link Operations & Maintenance	Design Build	M200	Link Operations & Maintenance Facility: East	September, 2020	\$219	In Construction	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.	None
11	Northgate Link	GCCM	N140	U District Station	February, 2020	\$160	In Construction	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. N140 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.	None
12	East Link	Design Build	E360	SR 520 to Overlake Transit Center	September, 2019	\$225	In Construction	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 due to the complexities of staging, traffic control and minimizing impacts to current users as well as reviewing options to integrate current highway infrastructure with new light rail.	None
13	Northgate Link	GCCM	N150	Roosevelt Station Finishes	September, 2019	\$152	In Construction	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.	None
14	Souder	Design Build	N/A	Souder Yard Design Build Project	April, 2017	\$12	Completion of Construction	The Design Build delivery method was selected because the project scope is the construction of a pre-engineered building. In addition, Sound Transit expects to benefit from substantial savings in project delivery time using the design build delivery method.	None
15	South Link	Design Build	S445	South 200th Link Extension Parking Garage Design Build	December, 2016	\$33	Completion of Construction	The Design Build method was selected because the scope of this contract is design and build a parking garage. This delivery method is ideal for parking garage.	Contractor is requesting mediation on a rejected claim by Sound Transit with regards to the station control unit.
16	South Link	Design Build	S440	South 200th Link Extension	August, 2016	\$176	Completion of Construction	The Design Build delivery method was selected because the design build approach is critical to the development of highly specialized construction methodologies. Sound Transit expects to benefit from a significant savings in project delivery time. The project involves installation of systems elements and trackwork including 1.6 miles of double-track Light Rail Transit (LRT) elevated line between the SeaTac/Airport Station and South 200th Street, with an interim terminal station at S. 200th Street and	None



ID	Segment	Type	CUD	Project Name	Construction Substantial Completion	Construction Contract (in Millions)	Status	RCW 39.10 Criteria	Litigation/Major Disputes
17	U Link	GCCM	U830	University Link Light Rail Systems Construction	August, 2016	\$123	Completion of Construction	The GC/CM delivery method was selected for this project because of the complex scheduling, phasing, and coordination required to successfully integrate systems scope of work with civil infrastructure completed under 5 separate contracts. The U830 Ulink Systems Construction project includes the installation of track, signaling, traction power substations, overhead catenary system and communications systems for the U-Link project. The project also includes replacement of communication system elements across the Initial Segment Light Rail Transit (LRT) and Airport Link LRT line with minimal to no disruption to passenger service operations. The early involvement of the GC/CM is critical to the development of the final systems design and its integration into the infrastructure of the two extensions.	Sound Transit's prime contractor and its EC/CM's dispute whether Sound Transit is obligated to conduct an audit of the EC/CM's pursuant to RCW 39.10.385(11). The parties have agreed to have a King County Superior Court Judge decide this issue.
18	U Link	Design Build	U810	Maintenance of Way Building	April, 2016	\$12	Completion of Construction	The Design Build delivery method was selected because the project scope is the construction of a pre-engineered building. In addition, Sound Transit expects to benefit from substantial savings in project delivery time using the design build delivery method.	None
19	U Link	GCCM	U240	Capitol Hill Station (CHS)	December, 2015	\$116	Completion of Construction	GC/CM delivery was selected because implementation of the project involves complex, scheduling, phasing, coordination. The U240 GC/CM Contractor will coordinate its construction activities with three other active Sound Transit construction contracts: U220 – TBM Tunnels UWS to CHS; U230 – TBM Tunnels CHS to PSST; and U830 – Traction Electrification, Signals and Trackwork, all working from within the Capitol Hill Station site. The GC/CM's input during the preconstruction is critical to the success of the project especially in regards to staging, and the logistics and assembly of thirteen miles of track for the entire University Link extension.	The GC/CM initiated litigation against Sound Transit in February 2018. The GC/CM is claiming defective design, poor construction management and a large volume of change work resulted in an extended contract duration and additional costs for which it has not been compensated. Sound Transit does not believe these claims have merit.
20	U Link	GCCM	U250	University of Washington Station (UWS)	November, 2014	\$150	Completion of Construction	GC/CM delivery was selected because implementation of the project involves complex, scheduling, phasing, coordination. The U250 GCCM will be sharing a construction site with the UW's Husky Stadium contractor, coordinating with U220 and U830 contractors for handover of the work, and coordinating phased construction per the UW's requirements. The construction involves work at an occupied facility, UW property, which must continue to operate during construction. The involvement of the GC/CM during preconstruction, providing input into these project challenges is critical to the success of the project.	None

Question #4: Attachment 2 - Personnel with Construction Experience using Design Build Contracting Procedure

Name	Title	Summary of Experience	Project Name	Project Size (in Millions)	Project Delivery Type	Role During Project Phases				Role Start	Role Finish
						Planning	Design	Construction	Commissioning, Startup, Closeout		
<b>DESIGN, ENGINEERING &amp; CONSTRUCTION MANAGEMENT (DECM)</b>											
Ahmad Fazel	Executive Director DECM	30 years experience in transportation specializing in approaches and management structures, engineering techniques, and procedures for implementing light rail transit projects in complex urban areas.	Sound Transit, Sounder Maintenance Base	\$140	WA DB	OEX				2015	Present
			Sound Transit, Puyallup Station Access Improvements	\$55	WA DB	OEX				2016	Present
			Sound Transit, Sumner Station Access Improvements	\$39	WA DB	OEX				2016	Present
			Sound Transit, Downtown Redmond Link Extension (DRLE)	\$600	WA DB	OEX				2017	Present
			Sound Transit, Federal Way Link Extension	\$1,000	WA DB	OEX				2017	Present
			Sound Transit, Operations and Maintenance Facility - East	\$219	WA DB	OEX	OEX	OEX		2015	Present
			Sound Transit, SR 520 to Overlake Transit Center (E360)	\$225	WA DB	OEX	OEX	OEX		2013	Present
			Sound Transit, South 200th Link Extension - Parking Garage (S445)	\$33	WA DB	OEX	OEX	OEX	OEX	2012	Present
			Sound Transit, South 200th Link Extension - Airport to S 200th (S440)	\$176	WA DB	OEX	OEX	OEX	OEX	2011	Present
						Sound Transit, Sounder Yard Expansion (SYE)	\$12	WA DB	OEX	OEX	OEX
			Sound Transit, Maintenance of Way (U810)	\$12	WA DB	OEX	OEX	OEX	OEX	2014	Present
Chisty Sanders-Meena	Principal Construction Manager	Over 30 years of project and construction management experience with transportation and other public works projects, including job order contracts, GC/CM and design-build.	Sound Transit, Sounder Maintenance Base	\$140	WA DB	OCM				2017	Present
			Sound Transit, Puyallup Station Access Improvements	\$55	WA DB	OCM				2017	Present
			Sound Transit, Sumner Station Access Improvements	\$39	WA DB	OCM				2017	Present
Tony Raben, PE	Principal Construction Manager	Over 20 years of experience within the transportation industry in both the public and private sectors, including managing or supporting multiple phases light rail projects.	Sound Transit, Downtown Redmond Link Extension (DRLE)	\$600	WA DB	OEX				2016	Present
			Sound Transit, SR 520 to Overlake Transit Center (E360)	\$225	WA DB	OCM	OCM	OCM		2013	Present
Mark Johnson	Project Director	Over 30 years experience managing and directing design and construction of public works and infrastructure projects including light rail and commuter rail projects; DBIA certified since 2014.	Sound Transit, South 200th Link Extension - Parking Garage (S445)	\$33	WA DB	OPM	OPM	OPM		2010	2015
			Sound Transit, Sounder Yard Expansion (SYE)	\$12	WA DB	OEX	OEX	OEX	OEX	2015	Present
			Sound Transit, Sounder Maintenance Base	\$140	WA DB	OEX				2015	Present
			Sound Transit, Puyallup Station Access Improvements	\$55	WA DB	OEX				2016	Present
Ken Lee	Senior Project Manager	Over 20 years of design and construction experience on public works and infrastructure projects.	Sound Transit, Sumner Station Access Improvements	\$39	WA DB	OEX				2016	Present
			Sound Transit, Sounder Yard Expansion (SYE)	\$12	WA DB	OPM	OPM	OPM	OPM	2015	Present
			Sound Transit, Sounder Maintenance Base	\$140	WA DB	OPM				2015	Present
			Sound Transit, Puyallup Station Access Improvements	\$55	WA DB	OPM				2016	Present
Chad Brown, PE, DBIA	Deputy Director, Civil & Structural Engineering	Over 18 years of experience delivering public transportation and transit projects using DB, GC/CM delivery methods (6 plus years with ST. 12 plus years with WSDOT)	Sound Transit, Federal Way Link Extension	\$1,000	WA DB	OCM				2016	2017
			WSDOT, I-405, SR 522 to 195th Auxiliary Lane Project	\$30	WA DB		OPM	OPM		2007	2009
			WSDOT, I-405 Renton Stage 2 Widening Project	\$130	WA DB		OPM	OPM		2009	2010
Bob Nichols	Corridor Design Manager	30 years experience in the design and construction of facilities projects delivered through both conventional design-bid-build and alternative project delivery methods.	Sound Transit, Federal Way Link Extension	\$1,000	WA DB	ODM				2018	Present
Jeffrey DeMarre	Systems Corridor Design Manager	37 years of design, engineering management, including operation and maintenance management, construction of electrical and electronic systems, including complex people movers and light rail transportation systems, and airport systems, for public and private industry.	Sound Transit, Federal Way Link Extension	\$1,000	WA DB	ODM				2016	Present
			Sound Transit, South 200th Link Extension - Parking Garage (S445)	\$33	WA DB	ODM	ODM	ODM		2010	Present
			Sound Transit, South 200th Link Extension - Airport to S 200th (S440)	\$176	WA DB	ODM	ODM	ODM		2010	Present
Jon Mihkels, AIA, LEED AP, DBIA	Deputy Project Director, Facility Design	30 years of public architectural and project management experience with the design and construction of numerous public projects and procurement types including Design Bid Build, Design Build, GCCM and Multi-Prime contracting methods.	Sound Transit, South 200th Link Extension - Parking Garage (S445)	\$33	WA DB	ODM	ODM	ODM	ODM	2011	2016
			Sound Transit, Operations and Maintenance Facility - East	\$219	WA DB	OPM	OPM	OPM		2016	Present
			Sound Transit, South 200th Link Extension - Airport to S 200th (S440)	\$176	WA DB	ODM	ODM	ODM	ODM	2011	2016
Supriya Kelkar, AIA, LEED AP BD+C, DBIA	Principal Architect	20 years of architectural design and project management experience with design and construction of public works and transportation projects with various project delivery types.	Sound Transit, Maintenance of Way (U810)	\$12	WA DB		ODM	ODM		2014	2016
			Sound Transit, SR 520 to Overlake Transit Center (E360)	\$225	WA DB		ODM	ODM		2014	Present
			Sound Transit, Operations and Maintenance Facility - East	\$219	WA DB		ODM	ODM		2016	Present
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 (S440)	\$176	WA DB		CON	CON	CON	2013	Present
Erik Finley, PE	Civil Engineer	23 years civil engineering experience including heaving civil transpiration and vertical constructor	WSDOT, SR500 Thurston Way Interchange	\$25	PU DB	SUBDES	SUBDES	SUBDES		2000	2002
			USACE, JBLM ADA Battalion Facility	\$12	PU DB	SUBDES	SUBDES	SUBDES		2010	2010
Julie Montgomery	Director, Architecture and Art	Over 25 years of architectural experience in planning, design, and construction.	Sound Transit, Federal Way Link Extension	\$1,000	WA DB	ODM	ODM			2016	Present
Yvonne Olson	Principal Architect	35 years of design, engineering management, including operation and maintenance management, consturciton of electrical and electronic systems, including complex people movers and light rail transportation systems for public and private industry.	Station Casinos Red Rock Resort	\$925	PR DB	DES	DES	DES	DES	2004	2006
			Fountainebleau Resort & Casino	\$3,500	PR DB	DES	ODM	ODM		2008	2009
			G2 Mixed Use Brunsfield Development	\$1,800	PR DB	DES	DES	DES		2013	2014
			Multiple Microelectronics fab & testing facilities	\$100	PR DB	DES	DES	CON	CON	1990	1995
Linneth Riley-Hall, CPPO, DBIA	Deputy Project Director	Over 15 years in public sector procurement and contract administration, including DB and GC/CM contract administration	Sound Transit, Federal Way Link Extension	\$1,000	WA DB	OEX				2017	Present
			Sound Transit, SR 520 to Overlake Transit Center (E360)	\$225	WA DB	OPROC	OPROC	OPROC		2013	2016
			Sound Transit, Operations and Maintenance Facility - East	\$219	WA DB	OPROC	OPROC	OPROC		2016	2016
			Sound Transit, South 200th Link Extension - Airport to S 200th (S440)	\$176	WA DB	OPROC	OPROC	OPROC	OPROC	2011	2016
			Sound Transit, South 200th Link Extension - Parking Garage (S445)	\$33	WA DB	OPROC	OPROC	OPROC	OPROC	2012	2016
Nathan Monroe, PE Nathan Galer, PE, LEED-AP	FWLE Construction Manager	14 years in municipal infastructure design and construction	Sound Transit, Federal Way Link Extension	\$1,000	WA DB	OCM				2017	Present
			Sound Transit, Federal Way Link Extension	\$1,000	WA DB	OREP				2016	Present
	Structural Engineer	16 years of structural engineering experience with bridges and buildings design, design management, and construction administration	Sound Transit, Maintenance of Way (U810)	\$12	WA DB		OREP	OREP		2014	2015
			WSDOT - SR 520 Eastside Transit and HOV Project	\$300M	WA DB		SUBDES	SUBDES		2011	2013
			City of Shoreline, WA - Shoreline Civic Center	\$33M	WA DB	SUBDES	SUBDES	SUBDES		2008	2009

Question #4: Attachment 2 - Personnel with Construction Experience using Design Build Contracting Procedure

Name	Title	Summary of Experience	Project Name	Project Size (in Millions)	Project Delivery Type	Role During Project Phases				Role Start	Role Finish		
						Planning	Design	Construction	Commissioning, Startup, Closeout				
Patrick A. McCormick, PE, LG, LEG, LSIT, DBIA	FWLE Principal Construction Manager	Over 30 years in public sector with Washington State Department of Transportation which includes program management, surveying, design, construction administration, procurement and contract administration. Over 18 years experience in Design-Bid-Build and 12 years in Design-Build.	Sound Transit, Operations and Maintenance Facility - East	\$219	WA DB	OREP	OREP			2016	2016		
			Sound Transit, Federal Way Link Extension	\$1,000	WA DB	OCM				2017	Present		
			WSDOT I-5 Everett DB HOV Contract	\$267	WA DB	OREP	OREP	OCM	OCM	2004	2009		
			WSDOT SR 532 DB Corridor Improvements	\$88	WA DB	OREP	OREP	OCM		2008	2010		
			WSDOT SR 99 Bored Tunnel DB Project	\$1,396	WA DB			OCM		2010	2015		
Kent Ng, PE	Sr. Civil Engineer	20 years of design and construction experience in light rail. Experience includes design-bid-build and design-build projects. DBIA training 2014. 12 additional years experience in design and manage public works projects.	Sound Transit, South 200th Link Extension - Airport to S 200th (\$440)	\$176	WA DB		ODM	ODM	ODM	2009	2015		
			Sound Transit, Federal Way Link Extension	\$1,000	WA DB	ODM					2015	Present	
Tats Tanaka, AIA, LEED AP	Principal Architect	20 years of architectural design and project management experience in both private consulting and representative of a public transportation agency.	Sound Transit, Sounder Station Access Improvements (Puyallup, Sumner)	\$94	WA DB	ODM				2017	Present		
			Sound Transit, Sounder Station Access Improvements (Kent, Auburn)	\$72	WA DB	ODM					2017	Present	
			Sound Transit, Downtown Redmond Link Extension (DRLE)	\$600	WA DB	ODM					2017	Present	
Yuki Seda-Kane, Architect, LEED BD+C,	Architect	12 years in the private sector with including some DB and GC/CM, 1 year in the public sector in DB project delivery	Metro Transit Hiawatha Light Rail	\$720	PU DB	DES	DES			1999	2001		
			Sound Transit, Federal Way Link Extension	\$1,000	WA DB	ODM	ODM				2016	Present	
Craig DeLalla	Deputy Director, Systems Engineering & Integration	9 years of experience in transportation specializing in systems engineering and project management	Sound Transit, Sounder Yard Expansion (SYE)	\$12	WA DB			ODM	ODM	2016	2017		
			Sound Transit, South 200th Link Extension - Airport to S 200th (\$440)	\$176	WA DB	OREP	OREP				2010	Present	
Travis Gustafson	Senior Systems Engineer	12 years experience in design and construction of electrical power systems including light rail traction electrification, transmission	Sound Transit, Operations and Maintenance Facility - East	\$219	WA DB	OREP	OREP			2010	Present		
			Sound Transit, South 200th Link Extension - Airport to S 200th (\$440)	\$176	WA DB		OENG	OENG	OENG		2011	Present	
Fouad Chihab, P.E., DBIA, Env-SP	Corridor Design Manager	20 years in Engineering Design and Construction Management of transportation projects using different type of delivery methods including Design-Bid-Build and Design-Build. Engineering and Construction experience in the private, local, state, and federal projects.	Sound Transit, Operations and Maintenance Facility - East	\$219	WA DB	OENG	OENG	OENG		2014	Present		
			Sound Transit, South 200th Link Extension - Parking Garage (\$445)	\$33	WA DB			OREP			2015	2016	
			Sound Transit, Sounder Maintenance Base	\$140	WA DB	ODM					205	Present	
			Sound Transit, Puyallup Station Access Improvements	\$55	WA DB	ODM					2016	Present	
Kurt Kiefer	Public Art Project Manager	Over 25 years of experience developing works of public art for public agencies and private clients. Specific experience in project planning, procurement, contract development and management, construction management and facilities management.	Sound Transit, SR 520 to Overlake Transit Center (E360)	\$225	WA DB	OPM	OPM	OCM	OPM	2015	Present		
			Sound Transit, Federal Way Link Extension	\$1,000	WA DB	OPM	OPM	OCM	OPM		2015	Present	
Kerry Pihlstrom, PE	Director, Civil & Structural Engineering	20 years experience as engineer and manager on DBB and DB projects. 7 years in consultant industry working on large scale DB programs.	WSDOT, SR 520 Eastside Transit and HOV Program	\$306	WA DB			OCTR		2013	2013		
			WSDOT, SR520 Bridge Replacement and HOV Program (Floating Bridge & Landings Project)	\$848	WA DB	OPM			OCTR		2010	2016	
			WSDOT, SR 520 Bridge Replacement and HOV Program (Montlake Phase)	\$350	WA DB	OPM	OPM					2010	2016
			I-25 Southeast Corridor DB Project (TREX)	\$1,670	PU DB		SUBDES	SUBDES				2002	2004
			I-75 Peace River Project (FL);	\$3	PU DB	DES						2001	2001
			I-15 Reconstruction, UDOT, (UT)	\$1,400	PU DB		DES	DES				1998	1999
Hank Howard, PE	Senior Civil Engineer	More than 35 years of experience in the transportation industry in both the public and private sectors, including managing the design and construction of multiple transportation-related	Sound Transit, SR 520 to Overlake Transit Center (E360)	\$225	WA DB		OPM	OPM		2016	Present		
DeWitt Jensen, PE	Corridor Design Manager	44 years experience in the design and construction of infrastructure projects including rail transit delivered by both conventional design-build-build and alternative project delivery methods.	Sound Transit, SR 520 to Overlake Transit Center (E360)	\$225	WA DB		ODM	ODM		2012	2017		
			Sound Transit, Downtown Redmond Link Extension (DRLE)	\$600	WA DB	ODM					2017	Present	
Peter Beckford, PE	Civil Engineer	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, Sounder Yard Expansion (SYE)	\$12	WA DB		ODM			2015	2017		
Moises Gutierrez, PE	Deputy Executive Director, Design and Engineering	20 years experience leadership/program and project management/general analysis and design/contract document preparation/construction support and oversight/systems integration/quality assurance and control/business development/outstanding client and customer relationship skills.	Sound Transit, South 200th Link Extension - Airport to S 200th (\$440)	\$176	WA DB		ODM	ODM	ODM	2016	2017		
			California High Speed Rail Project, Construction Package 1	\$1,000	PU DB		ODM				2013	2016	
Kim Wong, EIT	ROW Engineer Supervisor	23 years of civil engineering experience and 19 years of experience on light rail projects which include DBB, GCCM and DB project delivery methods	Sound Transit, South 200th Link Extension - Airport to S 200th (\$440)	\$176	WA DB	ODM	ODM	ODM		2010	Present		
			Sound Transit, South 200th Link Extension - Parking Garage (\$445)	\$33	WA DB	ODM	ODM	ODM			2011	2016	
			Sound Transit, Federal Way Link Extension	\$1,000	WA DB	ODM					2013	Present	
Ayhan Utkan, SE, PE, PMP, LEED BD+C, Jason Bailey, PE	Senior Civil Engineer	19 years in the private sector with including DB and GC/CM.	Panama Canal Third Set of Locks	\$4,000	DB		Design Lead			2012	2016		
			Tanap Natural Gas Compressor and Meterin Stations	\$1,100	DB		OENG	OCM	ODM		2016	2017	
Ayhan Utkan, SE, PE, PMP, LEED BD+C, Jason Bailey, PE	Senior Civil Engineer	Over 25 years of experience within the transportation industry in both the public and private sectors, including managing or supporting multiple phases light rail projects.	Sound Transit, South 200th Link Extension - Airport to S 200th (\$440)	\$176	WA DB	OENG	OENG	OENG	OENG	2011	2016		
			Sound Transit, SR 520 to Overlake Transit Center (E360)	\$225	WA DB	OENG	OENG	OENG			2007	Present	

Question #4: Attachment 2 - Personnel with Construction Experience using Design Build Contracting Procedure

Name	Title	Summary of Experience	Project Name	Project Size (in Millions)	Project Delivery Type	Role During Project Phases				Role Start	Role Finish
						Planning	Design	Construction	Commissioning, Startup, Closeout		
			Sound Transit, Operations and Maintenance Facility - East	\$219	WA DB	OENG	OENG			2015	Present
			Sound Transit, Downtown Redmond Link Extension (DRLE)	\$600	WA DB	OENG				2017	2017
			Sound Transit, Federal Way Link Extension	\$1,000	WA DB	OENG				2016	2017
<b>DECM PROJECT CONTROLS</b>											
Peter Lam	Project Control Manager	20 years of procurement/contract administration, engineering, risk management and construction cost management experience	Sound Transit, Downtown Redmond Link Extension (DRLE)	\$550	WA DB	OCTR				2017	Present
			Sound Transit, Maintenance of Way (U810)	\$12	WA DB			OCTR	OCTR	2010	2017
			Sound Transit, SR 520 to Overlake Transit Center (E360)	\$225	WA DB			OCTR		2015	Present
			Sound Transit, Operations and Maintenance Facility - East	\$219	WA DB			OCTR		2017	Present
Anita McConnell	Project Control Supervisor	23 years of project control and construction management experience for public works projects in the public agencies and in private industry.	Sound Transit, Federal Way Link Extension	\$1,000	WA DB	OEX				2017	Present
			Sound Transit, South 200th Link Extension - Parking Garage (S445)	\$33	WA DB	OCTR	OCTR	OCTR	OCTR	2013	2017
			Sound Transit, South 200th Link Extension - Airport to S 200th (S440)	\$176	WA DB	OCTR	OCTR	OCTR	OCTR	2011	Present
			Sound Transit, Operations and Maintenance Facility - East	\$219	WA DB	OCTR	OCTR	OCTR		2016	2017
Aurora Whitley	Sr. Project Control Specialist	15 years of project and construction management experience for public agencies.	Sound Transit, Maintenance of Way (U810)	\$13	WA DB	OCTR	OCTR	OCTR		2013	2016
Brian Ellingson	Sr. Scheduling Engineer	20 years of design and construction management experience	Sound Transit, Federal Way Link Extension	\$1,000	WA DB					2017	Present
			Sound Transit, South 200th Link Extension - Parking Garage (S445)	\$33	WA DB		OCTR	OCTR	OCTR	2013	2016
			Sound Transit, South 200th Link Extension - Airport to S 200th (S440)	\$176	WA DB		OCTR	OCTR	OCTR	2012	2016
			Sound Transit, Sounder Yard Expansion (SYE)	\$12	WA DB		OCTR	OCTR	OCTR	2014	2017
			Sound Transit, Maintenance of Way (U810)	\$12	WA DB		OCTR	OCTR	OCTR	2013	2016
<b>OPERATIONS &amp; MAINTENANCE</b>											
Paul Denison	Director, Light Rail Operations	Over 40 years' experience in public and private sector transportation and maintenance including bus operations. Agency Rail Oversight Manager for the DB of the Minneapolis Hiawatha Line including PM for the 90M LRV procurement contract. End user and customer for the last Sound Transit DB contracts; Angle Lake Link extension and the Forest Street MOW building. In-depth experience in integrated testing for vehicles, systems and safety	Sound Transit, South 200th Link Extension - Airport to S 200th (S440)	\$176	WA DB				OPM	2007	Present
			Sound Transit, Maintenance of Way (U810)	\$12	WA DB					2007	Present
			Minneapolis Hiawatha Line	\$715	PU DB				OPM	2001	2006
Marie Olson	Link Transportation Manager, Operations	13 years experience in Operations specializing in transportation, managing rail fleet plans, overseeing rail staffing, training, rules, & procedures, and planning pre-revenue & simulated service phases. Includes South 200th & U Link Extensions.	Sound Transit, South 200th Link Extension - Airport to S 200th (S440)	\$176	WA DB				OPM	2014	Present
<b>SAFETY &amp; QUALITY ASSURANCE (SQA)</b>											
Matthew Mitchell, CSP	Senior System Safety and Assurance Manager	8 years public and private project management and safety experience, including DB and railroad safety management	Sound Transit, SR 520 to Overlake Transit Center (E360)	\$225	WA DB	OREP	OREP	OREP		2017	Present
			Sound Transit, Maintenance of Way (U810)	\$12	WA DB	OREP	OREP	OREP	OREP	2017	Present
Claire Rubin, PE	Senior QA Engineer - Civil	11 years in transportation design, construction and oversight.	All Aboard Florida Running Repair Facility	\$14	PU DB	OREP	OREP	OREP		2014	2016
			All Aboard Florida Fiber Relocation	\$25	PU DB	OREP	OREP	OREP		2014	2016
			FDOT JTB Interchange Improvements	\$119	PU DB	DES	DES			2013	2013
			FDOT I-95 Design Build Widening from south of SR 406 to north of SR 44	\$128	PU DB		DES	DES		2012	2013
			FDOT Florida High Speed Rail	\$2,700	DBOM	DES	DES			2010	2011
<b>PROCUREMENT &amp; CONTRACTS - DESIGN &amp; CONSTRUCTION GROUP</b>											
Nick Datz, CPPB, Assoc. DBIA	Design & Construction Contracts Manager	Over 10 years in public sector Procurement and contract administration, including DB and GC/CM contract administration	Sound Transit, Sounder Maintenance Base	\$140	WA DB	OPROC				2017	Present
			Sound Transit, Puyallup Station Access Improvements	\$55	WA DB	OPROC				2017	Present
			Sound Transit, Sumner Station Access Improvements	\$39	WA DB	OPROC				2017	Present
			Sound Transit, Downtown Redmond Link Extension (DRLE)	\$600	WA DB	OPROC				2017	Present
			Sound Transit, Federal Way Link Extension	\$1,000	WA DB	OPROC				2017	Present
			Sound Transit, Operations and Maintenance Facility - East	\$219	WA DB	OPROC	OPROC	OPROC		2016	Present
			Sound Transit, SR 520 to Overlake Transit Center (E360)	\$225	WA DB	OPROC	OPROC	OPROC		2015	Present
			Sound Transit, South 200th Link Extension - Airport to S 200th (S440)	\$176	WA DB	OPROC	OPROC	OPROC	OPROC	2011	Present
			Sound Transit, South 200th Link Extension - Parking Garage (S445)	\$33	WA DB	OPROC	OPROC	OPROC	OPROC	2012	Present
Tae-Hee Han, LEED AP, CPPB, Assoc. DBIA	Design & Construction Contracts Supervisor	20 years of construction project management and procurement experience, specifically in the full range of alternative project delivery methods including GC/CM, DB and Job Order Contracting (JOC)	Sound Transit, Sounder Maintenance Base	\$140	WA DB	OPROC				2017	Present
			Sound Transit, South 200th Link Extension - Airport to S 200th (S440)	\$176	WA DB			OPROC		2011	2012
Steven Johnson, CPPO	Design & Construction Contracts Supervisor	8 years in public sector procurement and contract administration, including DB contract administration.	Sound Transit, Sounder Yard Expansion (SYE)	\$12	WA DB	OPROC	OPROC	OPROC		2014	2017
			Sound Transit, South 200th Link Extension - Parking Garage (S445)	\$33	WA DB			OPROC		2016	2017
Lourdes Bonifacio, Assoc. DBIA	Design & Construction Contracts Analyst	10 years in public sector of Procurement and Contract Administration. Experience in GC/CM, Design Build, and Job Order Contracting (JOC)	Sound Transit, Operations and Maintenance Facility - East	\$219	WA DB		OPROC	OPROC		2016	Present
Brian Barson, CPPB, Assoc. DBIA	Design & Construction Contracts Analyst	Over 6 years of public procurement and contracting experience including DB & GC/CM procurement and contract administration.	Sound Transit, Federal Way Link Extension	\$1,000	WA DB	OPROC				2017	Present
			Sound Transit, SR 520 to Overlake Transit Center (E360)	\$225	WA DB	OPROC	OPROC	OPROC		2013	Present

Question #4: Attachment 2 - Personnel with Construction Experience using Design Build Contracting Procedure

Name	Title	Summary of Experience	Project Name	Project Size (in Millions)	Project Delivery Type	Role During Project Phases				Role Start	Role Finish
						Planning	Design	Construction	Commissioning, Startup, Closeout		
Ashley Clericus, JD, CPCM	Sr. Design and Construction Contracts Specialist	Over 3 years of experience in public procurement and contract administration including professional services, public works, and DB contract administration.	Sound Transit, South 200th Link Extension - Airport to S 200th (\$440)	\$176	WA DB				OPROC	2017	Present
			Sound Transit, South 200th Link Extension - Parking Garage (\$445)	\$33	WA DB				OPROC	2017	Present
Petra Payne, Assoc. DBIA	Sr. Design and Construction Contracts Specialist	7 years in public sector procurement and contract administration, including DB and GC/CM contract administration.	Sound Transit, Downtown Redmond Link Extension (DRLE)	\$600	WA DB	OPROC				2017	Present
			Sound Transit, Sounder Maintenance Base	\$140	WA DB	OPROC				2017	Present
			Sound Transit, Sounder Yard Expansion (SYE)	\$12	WA DB				OPROC	2017	Present
<b>LEGAL</b>											
Jim Niemer, JD		Combined 30 years of experience in contract development, construction procurement, claims resolution, and litigation for horizontal and vertical construction projects of all kinds including DBB, DB, GC/CM and various other competitively procured and negotiated project delivery methods.	Sound Transit, Sounder Maintenance Base	\$140	WA DB	OPROC				2017	Present
			Sound Transit, Puyallup Station Access Improvements	\$55	WA DB	OPROC				2017	Present
			Sound Transit, Sumner Station Access Improvements	\$39	WA DB	OPROC				2017	Present
			Sound Transit, Downtown Redmond Link Extension (DRLE)	\$600	WA DB	OPROC				2017	Present
			Sound Transit, Federal Way Link Extension	\$1,000	WA DB	OPROC				2017	Present
			Sound Transit, Operations and Maintenance Facility - East	\$219	WA DB	OPROC	OPROC	OPROC		2016	Present
			Sound Transit, SR 520 to Overlake Transit Center (E360)	\$225	WA DB	OPROC	OPROC	OPROC		2015	Present
			Sound Transit, South 200th Link Extension - Airport to S 200th (\$440)	\$176	WA DB	OPROC	OPROC	OPROC	OPROC	2011	Present
			Sound Transit, South 200th Link Extension - Parking Garage (\$445)	\$33	WA DB	OPROC	OPROC	OPROC	OPROC	2012	Present
<b>PROJECT DELIVERY TYPE KEY</b>				<b>INDIVIDUAL ROLE KEY</b>							
WA DB	WA State Design-Build project		<b>As a Prime Consultant or Prime Contractor providing service to the Public Body:</b>								
PU DB	A public/federal Design-Build project		PROC	A prime consultant providing procurement services							
PR DB	A Design-Build project for a private owner		ADV	A prime consultant providing project advisory, oversight, or audit services:							
DBOM	Design-Build Operate Maintain		PM	A prime consultant providing project management services:							
DBOT	Design-Build Operate Transfer		CTR	A prime consultant providing project controls, scheduling, or estimating services:							
PPP	Public Private Partnership		DES	Designer of Record or prime consultant providing design services							
CMUP	CM Unit Price		CM	A prime consultant providing construction management, resident engineering, or field engineering services							
<b>INDIVIDUAL ROLE KEY</b>			CON	The prime contractor responsible for building the project							
			PRECON	The prime contractor responsible for preconstruction services:							
<b>As the Public Body:</b>			<b>As a Subconsultant or Subcontractor to a Prime:</b>								
OEX	The executive or manager for the Owner responsible for the project		SUBPROC	A subconsultant providing procurement services							
OPM	The Owner's Project Manager		SUBADV	A subconsultant providing contract advisory, oversight, or audit services:							
ODM	The Owner's Design Manager		SUBPM	A subconsultant providing project management services:							
OCM	The Owner's Construction Manager		SUBCTR	A subconsultant providing project controls, scheduling, or estimating services:							
OENG	As the Owner acting as the resident engineer or field engineer		SUBDES	A subconsultant providing design or engineering services:							
OREP	The Owner's Representative		SUBCM	A subconsultant providing construction management, resident engineering, or field engineering services:							
OPROC	The Owner's Procurement Manager or Attorney		SUBCON	A subcontractor to the prime on the project							
OCTR	Provided project controls, scheduling, or estimating support to the project as the Owner										

Question #6: Attachment 3 - Project Data Collection

No.	Delivery Method	Segment	Project #	Procurement #	Project Title	Project Description	General Contractor	Lead Design Firm	Planned Start	Planned Finish	Actual Start	Actual Finish / Percent Complete	Completion	Original Budget (in Millions)	Final Cost (in Millions)	Cost Overrun Reason	Schedule Overrun Reason
1	TBD	Tacoma Dome Link Extension	TBD	TBD	Tacoma Dome Link Extension	Tacoma Dome Link Extension will extend light rail from Fewderal Way transit center to Tacoma Dome, a total distance of approximately 9.7 miles.	TBD	HDR Sharon Kelly (206) 398-5440	06/2025	TBD	TBD	TBD	NO	\$1575	TBD	TBD	TBD
2	DB	Federal Way Link Extension	TBD	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 7.8 miles.	TBD	HDR Sharon Kelly (206) 398-5440	01/2020	TBD	TBD	TBD	NO	\$1000	NA	NA	NA
3	DB	Redmond Link	TBD	TBD	Downtown Redmond Link Extension	This 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 guideway (elevated and at-grade), one elevated station, one at-grade station, structured and surface parking, civil and site work, roadway work and bus transit facilities.	TBD	Parametrix, Inc. Daryl Wendle	08/2019	12/2024	TBD	TBD	NO	\$600	TBD	NA	NA
4	Heavy Civil GC/CM	Lynnwood Link	L200	RTA/CN 0079-15C	Lynnwood Link South	Heavy civil construction, including pre-construction services for: • 4.5 mile light rail guideway (1.5 miles elevated and 3.0 miles retained cut/fill) • Light rail trackwork • One elevated station; one retained cut station • Two 500 stall parking garages.	Stacy and Witbeck/Kiewit/Hoffman a Joint Venture	HNTB/Jacobs Trusted Design Partners, JV Kevin Collins (206) 398-5366	01/2019	02/2024	TBD	0%	NO	\$425	TBD	NA	NA
5	Heavy Civil GC/CM	Lynnwood Link	L300	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.	Skanska Constructors L300	HNTB/Jacobs Trusted Design Partners, JV Kevin Collins (206) 398-5366	01/2019	02/2024	TBD	0%	NO	\$471	TBD	NA	NA
6	A/E	Lynnwood Link	NA	RTA/AE 0010-15	LYNNWOOD LINK CIVIL FINAL DESIGN	Final civil design (to 100% design level) and production of contract documents necessary for constructing the project, including preparation of drawings, specifications, reports, permit applications, schedules, and cost estimates.	NA	HNTB/Jacobs Trusted Design Partners, JV Kevin Collins (206) 398-5366	03/2016	12/2023	04/2016	76%	NO	\$70	TBD	NA	NA
7	DB	Sounder	TBD	TBD	Sounder Maintenance Base	The Sounder Maintenance Base 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	TBD	WSP USA Inc.	12/2020	12/2023	TBD	TBD	NO	\$140	TBD	NA	NA
8	Heavy Civil GC/CM	Lynnwood Link	L800	RTA/CN0115-14C	Lynnwood Link Systems	Systems construction including pre-construction services for 8.5 miles of light rail guideway and four stations. (Included in Northgate/East Link Systems (N830/E750) as an option)	Mass Electric Construction Co. Walead Atlyeh (303) 598-2149	LTK Engineering Services Lloyd Mack (206) 689-4919	03/2018	04/2023	TBD	TBD	NO	\$118	TBD	NA	NA
9	DB	Sounder	TBD	TBD	Kent Station Access Improvements	To construct additional parking facilities and pedestrian bridge to improve use/access to Kent Station for pedestrians, bicyclists, and drivers.	TBD	TBD	01/2021	01/2023	TBD	TBD	NO	TBD	TBD	NA	NA
10	DB	Sounder	TBD	TBD	Auburn Station Access Improvements	To construct additional parking facilities and pedestrian bridge to improve use/access to Auburn Station for pedestrians, bicyclists, and drivers.	TBD	TBD	01/2021	01/2023	TBD	TBD	NO	TBD	TBD	NA	NA
11	A/E	Tacoma Dome Link Extension	NA	RTA/AE 0030-17	Federal Way to Tacoma Dome Link	The Tacoma Dome Link Extension 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.	NA	HDR Sharon Kelly (206) 398-5440	12/2017	12/2022	12/2017	TBD	NO	\$10	TBD	TBD	TBD
12	A/E	West Seattle to Ballard Extension	NA	RTA/AE 0036-17	West Seattle & Ballard Link Extensions	The scope of work includes study of high capacity transit within the City of Seattle from West Seattle to Downtown Seattle and from Ballard to Downtown Seattle. The project also includes Downtown Seattle Light Rail Tunnel.	NA	WSP USA Inc. Cathy Strombom (206) 382-5262	10/2017	09/2022	10/2017	TBD	NO	\$24	TBD	NA	NA
13	Heavy Civil GC/CM	Northgate Link/East Link	N830/E750	RTA/CN0115-14C	Northgate / East Link 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 the 26kV power distribution from the tunnel bores (provided by other contracts) to the switchgear room.	Mass Electric Construction Co. Walead Atlyeh (303) 598-2149	LTK Engineering Services Lloyd Mack (206) 689-4919	03/2017	12/2021	03/2017	5%	NO	\$360	TBD	NA	NA
14	A/E	Redmond Link	NA	RTA/AE 0045-16	DOWNTOWN REDMOND LINK EXTENSION PRELIMINARY DESIGN	This project will complete preliminary engineering of the East Link Extension from the interim terminus at NE 40th and SR 520 to Downtown Redmond as addressed in Sound Transit Board Resolution M2011-81 and the Federal Transit Administration Record of Decision for the East Link Light Rail Transit Project extending high capacity transit from the interim terminus at NE 40th Street to Leary Way in the City of Redmond, a total distance of approximately 3.7 miles.	NA	Parametrix, Inc. Daryl Wendle	12/2016	12/2020	12/8/2016	61%	NO	\$13	TBD	NA	NA
15	Heavy Civil GC/CM	East Link	E335	RTA/CN 0045-14C	Downtown Bellevue to Spring District	Construction of the East Main Station, 6th Street Station, Hospital Station, and the 120th Ave NE Station; civil work including demolition, restoration, at-grade, elevated and retained cut-fill guideway; track, civil/systems, mechanical, electrical, structures, drainage and utilities.	Stacy and Witbeck-Atkinson, JV Jim Abramson (503) 209-5478	H-J-H Final Design Partners Kevin Collins (206) 398-5365	05/2017	12/2020	04/2017	27%	NO	\$228	TBD	NA	NA
16	Heavy Civil GC/CM	East Link	E130	RTA/CN 0004-15C	Seattle to South Bellevue	Construction of at-grade stations, at grade track, floating bridge track, elevated track, tunnel ventilation, site work for four Traction Power Substations and various signal buildings, bridge removals at Rainier Avenue Station, retrofits and weight mitigation on the floating bridge, overhead catenary system on the HHM floating bridge, and site improvements around stations.	Kiewit-Hoffman Erik Nelson (Kiewit) (425) 766-4619	Parson Brinkerhoff Ron Paananen (206) 382-5200	02/2017	12/2020	03/2017	16%	NO	\$665	TBD	NA	NA
17	D-B-B	East Link	E320	RTA/CN 0063-15	South Bellevue	Provide the civil and architectural finishes work for approximately 2.2 miles of (at-grade, elevated, retained fill and cut) light rail guideway and one aerial multi-modal passenger station at the South Bellevue Park-and-Ride (South Bellevue Station).	Shimmick / Parsons JV Christian Fassari (510) 777-5000	H-J-H Final Design Partners Kevin Collins (206) 398-5365	11/2016	10/2020	02/2017	10%	NO	\$321	TBD	NA	NA
18	DB	Link Operations & Maintenance	M200	RTA/CN 0020-16	Link Operations and Maintenance Facility: East	Construction of approximately 160,000 square foot Operation and Maintenance 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 maintenance 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.	Hensel Phelps Shannon Gustine	Huitt Zollars (PE) Francis Wall	11/2017	09/2020	06/2017	TBD	NO	\$219	TBD	NA	NA
19	A/E	Lynnwood Link	NA	RTA/AE 0003-15	LYNNWOOD LINK SYSTEMS FINAL DESIGN	Final systems design (to 100% design level) and production of contract documents necessary for constructing the project, including preparation of drawings, specifications, reports, permit applications, schedules, and cost estimates.	NA	LTK Engineering Services Lloyd Mack (206) 689-4919	07/2016	07/2020	07/2016	33%	NO	\$9	TBD	NA	NA
20	A/E	Tacoma Link Transit Extension	NA	RTA/AE 0160-15	TACOMA LINK EXTENSION FINAL DESIGN	The Tacoma Link Expansion Project is an expansion of the existing Tacoma Link system from the Theater District to the Stadium and Hilltop districts in downtown Tacoma. The project extends the existing alignment approximately 2.4 miles from the existing terminus at the Theater District Station to a new terminus at S 19th Street. The work includes civil, railway, mechanical, electrical, structural, and systems engineering, architectural design, drafting, modeling, and other services.	NA	HDR Engineering, Inc.	08/2016	07/2020	08/2016	80%	NO	\$8	TBD	TBD	TBD
21	D-B-B	East Link	E330	RTA/CN 0148-14	Downtown Bellevue Tunnel	The scope of work in this contract consists of the demolition of buildings, site work, and a tunnel approximately 2150 feet in length. The tunnel consists of a cut-and-cover box structure, approximately 250 feet in length, at the south portal and approximately 1900 feet of Sequential Excavation Method (SEM) tunneling. The tunnel will include a concrete liner, center wall, and invert with embedded and surface mounted conduits.	Guy F. Atkinson Archi Kollmorgen (206) 639-5791	H-J-H Final Design Partners Kevin Collins (206) 398-5365	02/2016	06/2020	02/2016	49%	NO	\$121	TBD	NA	NA

No.	Delivery Method	Segment	Project #	Procurement #	Project Title	Project Description	General Contractor	Lead Design Firm	Planned Start	Planned Finish	Actual Start	Actual Finish / Percent Complete	Completion	Original Budget (in Millions)	Final Cost (in Millions)	Cost Overrun Reason	Schedule Overrun Reason
22	D-B-B	East Link	E340	RTA/ CN 0168-15	Bel-Red	The scope of work in this contract consists of the demolition of buildings, site work, retained cut and fill structures, elevated guideway, the 130th Station, the 130th Station Park and Ride, at grade, embedded and ballasted track. The work includes station structures, architectural finishes, mechanical and electrical elements, site improvements for station and ancillary structures, roadway construction, utility relocations, park and ride facilities, and the streams and wetlands mitigation impacted by the project.	Max J. Kune Company Daniel Kune (509) 535-0651	H-J-H Final Design Partners Kevin Collins (206) 398-5365	01/2017	05/2020	03/2017	22%	NO	\$93	TBD	NA	NA
23	GC/CM	Northgate Link	N140	RTA/CN 0175-12C	U District Station Finishes - Construction	U District Station has two separate above ground entrances and is approximately 395 feet long, 82 feet wide, and ranging from 80 to 95 feet below grade to the passenger platform. The scope of the U District Station	Hoffman Construction Trevor Thies	Jacobs Associates Greg Davidson	04/2017	02/2020	04/2017	18%	NO	\$160	TBD	NA	NA
24	D-B-B	Northgate Link	N160	RTA/CN 0028-16	Northgate Station, Elevated Guideway, and Parking Garage	The N160 Northgate Station contract is the northern most station of the Northgate Link Extension and the work of the contract extends from the Maple Leaf Portal north to the vicinity of the Northgate Mall. The station will serve as a temporary terminus for light rail service until the system is extended to the north by the Lynnwood Link Extension. The work of this Contract includes the construction of the Northgate Station, the elevated guideway, an intermodal transit facility, a 450 stall parking garage, architectural finishes at the Maple Leaf Portal, site improvements for two TPPS's and two signal bungalows including screening, stormwater management systems, site restoration including potential bike path and bus layover facility, and related street improvements. The work may include an extension of the guideway north to the vicinity of Northgate Way.	Absher Construction Company Dan Absher (253) 845-9544	Jacobs Associates Greg Davidson (206) 398-5118	09/2016	01/2020	09/2016	40%	NO	\$174	TBD	NA	NA
25	DB	Souder	NA	TBD	Puyallup Station Garage	To construct additional parking facilities and pedestrian bridge to improve use/access to Puyallup Station for pedestrians, bicyclists, and drivers.	TBD	TBD	03/2018	12/2019	TBD	TBD	NO	\$55	TBD	NA	NA
26	DB	Souder	NA	TBD	Sumner Station Garage	To construct additional parking facilities and pedestrian bridge to improve use/access to Sumner Station for pedestrians, bicyclists, and drivers.	TBD	TBD	03/2018	12/2019	TBD	TBD	NO	\$39	TBD	NA	NA
27	Heavy Civil GC/CM	Northgate Link	N160	RTA/CN 0063-14	Northgate Station, Elevated Guideway, and Parking Garage	The scope of the Northgate Station, Elevated Guideway and Parking Garage contract includes constructing elevated station and guideway, including tail track structure, Transit roadway, Civil and architectural finishes at the Maple Leaf Portal and Parking garage with at least 450 stall capacity. The Northgate Station is an elevated station spanning NE 103rd Street and has a south entrance on the site of the current King County Transit Center and a north entrance on the site of the Northgate Mall.	Mortenson Construction Mike Bell (425) 497-6645	Jacobs Associates Greg Davidson (206) 398-5118	03/2015	11/2019	NA	0%	NO	NA	NA	NA	NA
28	D-B-B	Northgate Link	N180	RTA/CN 0013-16	Northgate Link Extension Trackwork from UW Station to Northgate Station	This contract includes the furnishing and installation of all trackwork for two parallel tunnels and three stations extending from UW Station to Northgate Station and pocket track. The contract also includes construction of Floating Slabs and Track Slab.	Stacy and Witbeck Jim Abramson (503) 209-5478	Jacobs Associates Greg Davidson (206) 398-5118	09/2016	10/2019	08/2016	17%	NO	\$71	TBD	NA	NA
29	DB	East Link	E360	RTA/CN 0122-13	SR 520 to Overlake Transit Center	Construction of 1.8 miles of light rail section consisting of at-grade, retained fill, retained cut sections and aerial guideway along the south and east sides (WSDOT Right-of-Way) of SR 520 from NE 20th Street to NE 40th Street in Bellevue/Redmond area. The project also includes two light rail stations at Overlake Village and Overlake Transit Center which includes a new parking garage and reconstructed bus/shuttle facilities. Each station includes a new bike/pedestrian bridge spanning over SR 520.	Kiewit-Hoffman East Link Constructors	H-J-H Final Design Partners Kevin Collins (206) 398-5365	05/2016	09/2019	07/2016	24%	NO	\$225	TBD	NA	NA
30	GC/CM	Northgate Link	N150	RTA/CN 0122-12C	Roosevelt Station - Construction	The Roosevelt Station is located at Roosevelt Way NE and NE 65th Street and approximately 395 feet long, 82 feet wide, and 72 feet below grade to the passenger platform. The scope of the Roosevelt Station contract includes open cut retained excavation, below and above grade structures, waterproofing, station finishes, mechanical, electrical, and the restoration of at-grade features, including streets, sidewalks, and landscaping.	Hoffman Construction David Johnson (206) 286-6697	Jacobs Associates Greg Davidson (206) 398-5118	12/2016	09/2019	12/2016	25%	NO	\$152	TBD	NA	NA
31	JOC	JOC	NA	RAT/CN 165-15	Construction Services for Capital Projects	Job Order Contracting (JOC) Construction Services to support Sound Transit's capital construction projects. The scope of services to be performed under this contract include the construction, alteration, repair or improvement of various Sound Transit properties including, but not limited to, Link Light Rail, Souder, and Express Bus facilities and infrastructures.	Centennial Contractors Troy Alexander (253) 926-0870	NA	07/2016	07/2019	07/2016	NA	NO	\$12	NA	NA	NA
32	JOC	JOC	NA	RAT/CN 164-15	Construction Services for Facilities Maintenance and Operations	Job Order Contracting (JOC) Construction Services to support Sound Transit's facilities maintenance and operations. The scope of services to be performed under this contract include the construction, alteration, repair or improvement of various Sound Transit properties including, but not limited to, Link Light Rail, Souder, and Express Bus facilities and infrastructures.	Centennial Contractors Troy Alexander (253) 926-0870	NA	07/2016	07/2019	07/2016	NA	NO	\$12	NA	NA	NA
33	D-B-B	Souder	NA	RTA/CN 0019-15	Tacoma Trestle Track & Signal Project	This contract includes the construction of a new bridge to accommodate double tracks, passenger platform, wetland mitigation, landscaping, deconstruction and demolition. The bridge work includes piles and pile caps, bridge columns, precast concrete and steel girders, retaining walls, track construction, railroad signals, roadway improvements, relocations sanitary sewers, and lighting.	Flatiron West, Inc.	David Evans and Associates	03/2016	05/2018	03/2016	08/2017	YES	\$58	\$85	This project was developed in cooperation with WSDOT, the cost overruns were due to WSDOT wanting to incorporate the south platform into the contract	NA
34	D-B-B	Northgate Link	N125	RTA/CN 0001-13	Northgate Tunnel	This Contract includes approximately 18,435 feet of segmentally lined, twin-bored running tunnels. The work includes 23 cross passages excavated at intervals between the bored tunnels, placement of the tunnel invert slab, walkways and utilities, as well as shoring, dewatering and excavation for the Maple Leaf Portal, Roosevelt Station and U-District Station.	JCM Northlink LLC Glen Frank (206) 423-8348	Jacobs Associates Greg Davidson (206) 398-5118	08/2013	02/2018	09/2013	98%	NO	\$440	TBD	NA	NA
35	A/E	Northgate Link	NA	RTA/LR 0052-06	NORTHGATE LINK SYSTEMS FINAL DESIGN	Provide systems engineering final design services for the North Link – UW Station to Northgate project. The work includes systems design, integration of systems elements with civil design, and special Electro-Magnetic Interference mitigation required to meet the terms of the Sound Transit/University of Washington Agreement.	NA	LTK Engineering Services Lloyd Mack (206) 689-4919	01/2011	09/2017	01/2011	TBD	NO	\$6	TBD	NA	NA
36	A/E	East Link	NA	RTA/AE 0027-12	EAST LINK SYSTEMS FINAL DESIGN	Systems final design of the entire East Link corridor. 14 miles of light rail alignment; 10 stations.	NA	LTK Engineering Services Lloyd Mack (206) 689-4919	08/2012	06/2017	08/2012	TBD	NO	\$18	TBD	NA	NA
37	DB	Souder	NA	RTA/CN 0113-14	Souder Yard Expansion	Construction of a prefabricated modular building containing permanent crew, office, and storage facilities for the BNSF crews that operate the trains and the Amtrak Drummac crews that perform janitorial services on the trains. In addition, a parking area and guard shacks will be constructed as well as adding an additional storage track by December 2016.	Shimmick Construction Inc.	HDR Sharon Kelly (206) 398-5440	02/2015	04/2017	02/2016	04/2017	YES	\$12	\$12	NA	NA

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38	D-B-B	Sounder	NA	RTA/CN 0132-14	Point Defiance Bypass	Track removal and disposal off-site, concrete and wood tie track construction, grading for track construction, installation of railroad subballast, shifting of existing track, relaying rail, grinding rail, undercutting track, construction of retaining walls, turnout installation, turnout removal, turnout relocation, crossover installation, grade crossing removal, installation of concrete grade crossing, resurfacing of existing concrete grade crossing, derail removal, derail installation, installation of new turnouts in existing track, installation of concrete and wood ties in existing track, installation of rail, removal of existing fence, installation of chain link and wire fence, installation of railroad signage, removal of abandoned railroad poles and overhead lines; removal of existing grade crossing warning devices and associated electrical equipment, enclosures, and foundations; installation of Centralized Traffic Control and Positive Train Control railroad signal equipment; provision of power service for signal equipment; relocation of existing grade crossing signal equipment; installation of grade crossing signal systems at Clover Creek Drive SW, North Thorne Lane SW, 41st Division Drive, and Barksdale Avenue SW.; traffic signal interconnects and grade crossing preemption; installation of new roadway traffic signals; and modifications to existing roadway traffic signals at North Thorne Lane SW, 41st Division Drive, and Barksdale Avenue SW.	Stacy and Witbeck Jim Abramson (503) 209-5478	HDR Engineering, Inc.	08/2015	01/2017	09/2015	03/2017	YES	\$54	\$61	Conflicts with fiber utility contractors. Fiber utilities were being moved during construction.	Due to conflicts with utility contractors.
39	A/E	Northgate Link	NA	RTA/LR 0177-09	NORTHGATE LINK CIVIL FINAL DESIGN	Provide the civil portion of final design of 4.3 miles of elevated and tunnel light rail civil infrastructure for the North Link project. The design includes two cut-and-cover stations (located at Brooklyn and Roosevelt) and one elevated station (located at Northgate). Design of the Northgate Parking Garage was added as a change order to this contract.	NA	Jacobs Associates Greg Davidson (206) 398-5118	10/2010	08/2016	10/2010	TBD	NO	\$62	TBD	NA	NA
40	JOC	JOC	NA	RTA/CN 0007-13	Construction Services for Capital Projects	Job Order Contracting (JOC) Construction Services to support Sound Transit's capital construction projects. The scope of services to be performed under this contract include the construction, alteration, repair or improvement of various Sound Transit properties including, but not limited to, Link Light Rail, Sounder, and Express Bus facilities and infrastructures.	Forma Construction Rob Wettleson (206) 626-0256	NA	07/2013	07/2016	07/2013	07/2016	YES	\$12	NA	NA	NA
41	JOC	JOC	NA	RTA/CN 0008-13	Construction Services for Facilities Maintenance and Operations	Job Order Contracting (JOC) Construction Services to support Sound Transit's facilities maintenance and operations. The scope of services to be performed under this contract include the construction, alteration, repair or improvement of various Sound Transit properties including, but not limited to, Link Light Rail, Sounder, and Express Bus facilities and infrastructures.	Centennial Contractors Troy Alexander (253) 926-0870	NA	07/2013	07/2016	07/2013	07/2016	YES	\$12	NA	NA	NA
42	A/E	U Link	NA	RTA/LR 0052-06	UNIVERSITY LINK SYSTEMS FINAL DESIGN	Systems Design for University Link Extension - Scope includes Traction Electrification, Signals, SCADA and Communications	NA	LTK Engineering Services Lloyd Mack (206) 689-4919	06/2007	06/2016	06/2007	TBD	NO	\$7	TBD	TBD	TBD
43	A/E	U Link	NA	RTA/LR 0008-06	UNIVERSITY LINK CIVIL FINAL DESIGN	Civil design of the University Link Extension. Scope include a twin bore tunnel, 2 underground station and the track guideways.	NA	North Link Transit Partners Dan Adams (206) 398-5495	12/2006	06/2016	12/2006	TBD	NO	\$39	TBD	TBD	TBD
44	A/E	East Link	NA	RTA/AE 0073-12	EAST LINK CIVIL FINAL DESIGN	Civil and architecture final design from Seattle to South Bellevue. Seven miles of light rail alignment, two stations.	NA	Parson Brinkerhoff Ron Paananen (206) 382-5200	11/2012	05/2016	11/2012	TBD	NO	\$28	TBD	TBD	TBD
45	D-B-B	Northgate Link	N111	RTA/CN 0187-13	Utility Relocation Northgate	The scope of work in this contract includes the undergrounding of existing Seattle City Light (SCL) overhead 26kV feeder and distribution electrical lines, and existing City of Seattle Department of Information Technology (DOIT) and Seattle Department of Transportation (SDOT) overhead communication lines by constructing new concrete duct banks and vaults for the use of SCL, DOIT and SDOT.	Walsh Construction Company II, LLC Ray Riojas (206) 394-7357	Jacobs Associates Greg Davidson (206) 398-5118	11/2014	04/2016	01/2015	04/2016	YES	\$9	\$10	Minor Changes within contingency	NA
46	DB	U Link	U810	RTA/CN 0056-13	Maintenance of Way Facility	Construction of a 28,991 square foot building which will house the Track, Facilities and Power Department for Sound Transit's light rail operations and an adjacent 4,175 square foot accessory storage building.	Forma Construction Chris Colley (206) 626-0256	T-C-F Architecture Randy Cook (253) 382-6344	05/2014	04/2016	05/2014	04/2016	YES	\$12	\$12	Minor Changes within contingency	NA
47	DB	South Link	S440	RTA/CN 0138-11	South 200th Link Extension	1.6 mile extension of light rail from SeaTac/Airport Station to S. 200th. Includes elevated guideway and tail track, S. 200th Station and track, signal and systems elements.	PCL Civil Constructors, Inc. Virgil Curtis (425) 394-4200	Huitt Zollars (PE) Francis Wall (206) 324-5500	10/2012	04/2016	10/2012	08/2016	YES	\$169	\$176	Change imposed by AHJ	Change imposed by AHJ
48	A/E	Lynnwood Link	NA	RTA/LR 0204-09	LYNNWOOD LINK CIVIL PRELIMINARY DESIGN	Complete preliminary engineering design (to 30% design level) and environmental documentation including Final Environmental Impact Statement (FEIS).	NA	North Corridor Transit Partners James D. Parsons (206) 382-5200	04/2010	04/2016	04/2010	04/2016	YES	\$5	\$39	Added Phase	NA
49	GC/CM	U Link	U830	RTA/LR 0148-10C	University Link Systems	System wide elements include a double crossover at UWS train signal system, communications systems, and traction electrification system.	Stacy & Witbeck, Inc. Steve Wood (206) 395-2200	LTK Engineering Services Lloyd Mack (206) 689-4919	12/2012	02/2016	12/2012	08/2016	YES	\$119	\$123	Minor Changes within contingency	TBD
50	A/E	East Link	NA	RTA/LR 0121-05	EAST LINK CIVIL PRELIMINARY DESIGN	Perform Conceptual Engineering and Preliminary Engineering; develop Draft EIS, Supplemental Draft EIS, and Final EIS; perform environmental re-evaluations.	NA	CH2MHILL Alisa Swank (425) 453-5000	2/1/2006	12/2015	02/2006	12/2015	YES	\$28	TBD	NA	NA
51	D-B-B	South Link	S447	RTA/CN 0133-14	Station Area Rdway/Surf Park'g	Station area roadway, surface parking, and non-motorized improvements (including sidewalks, traffic signals, pedestrian/bicycle connection, and roadworks). Station area roadway, surface parking, and non-motorized improvements (including sidewalks, traffic signals, pedestrian/bicycle connection, and roadworks).	Johansen Excavating, Inc. Shane Webley (253) 377-2850	Huitt Zollars (PE) Francis Wall (206) 324-5500	03/2015	12/2015	03/2015	12/2016	YES	\$8	\$11	Design Changes	Design Changes
52	DB	South Link	S445	RTA/CN 0081-13	South 200th Link Extension Parking Garage	Construction of a parking garage that includes 1,050 parking stalls, roadwork, sidewalks, urban improvements, landscaping, utility work, and plaza and retail space connecting to the Angle Lake Light Rail Station	Harbor Pacific-Graham, JV John Welch (425) 488-7131	Berger Abam Bob Griebenow (206) 431-2300	10/2014	12/2015	08/2014	12/2016	YES	\$30	\$33	Minor Changes within contingency	Administrative close-out ran longer than anticipated
53	GC/CM	U Link	U240	RTA/CN 0091-11C	Capitol Hill Station	Construction of a cut-and-cover light rail station that includes open cut retained excavation, below and above grade structures, waterproofing, station finishes, electrical, mechanical and site restoration.	Turner Construction Scott Paul (206) 505-6600	North Link Transit Partners Dan Adams (206) 398-5495	11/2012	11/2015	11/2012	12/2015	YES	\$105	\$116	Minor Changes within contingency	TBD
54	A/E	East Link	NA	RTA/AE 0143-11	EAST LINK CIVIL FINAL DESIGN	Civil and architecture final design from South Bellevue to Overlake Transit Center in Redmond. Seven miles of light rail alignment, eight stations.	NA	H-J-H Final Design Partners Kevin Collins (206) 398-5365	12/2011	07/2015	03/2012	TBD	NO	\$5	TBD	NA	NA
55	GC/CM	U Link	U250	RTA/LR 0195-09A	UW Station	Construction of a cut-and-cover light rail station that includes open cut retained excavation, below and above grade structures, head house, pedestrian bridge, waterproofing, station finishes, electrical, mechanical and site restoration.	Hoffman Construction David Johnson (206) 286-6697	North Link Transit Partners Dan Adams (206) 398-5495	04/2011	11/2014	04/2011	11/2014	YES	\$142	\$150	Minor Changes within contingency	NA
56	D-B-B	Sounder	NA	RTA/CN 0121-12	MUKILTEO SOUNDER STATION	Construct a second commuter rail platform at the Mukilteo Sounder Station on the south side of the main tracks, plus stairs, elevator towers, and a pedestrian bridge connecting the north and south platforms.	CA Carey Corp. Jeremiah Kerr (206) 795-3747	AECOM Bryan Huschka (206) 403-4245	05/2013	09/2014	05/2013	09/2016	YES	\$6	TBD	E&O	coordination with BNSF; change orders; long lead items (railings)
57	D-B-B	Sounder	NA	RTA/CN 0143-12	TUKWILA SOUNDER STATION	Construct a new permanent commuter rail station to replace the existing temporary Tukwila Sounder Station. Components of the new station include: concrete platforms with passenger shelters, bus transit area, full ADA accessibility, 390 parking stalls, and a bicycle storage area.	Absher Construction Co. Chris Cummings (206) 307-2022	KPFF Diana Timpson (206) 926-0631	06/2013	07/2014	06/2013	12/2014	YES	\$16	\$17	E&O	Weather delays; change order work; long-lead items (railings); commissioning.



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58	D-B-B	U Link	U220	RTA/LR 0001-09	U-Link Tunnels-UW Station to Capital Hill Station	The major scope of work in this contract includes approximately 11,400 feet of segmentally lined, twin-bored running tunnels and permanent perimeter walls for UW Station box. The work also includes 16 cross passages excavated at intervals between the bored tunnels, placement of the tunnel invert slab, walkways and utilities.	Traylor Frontier-Kemper Joint Venture (TFK) Mike Krulc (206) 285-8888	North Link Transit Partners Dan Adams (206) 398-5495	01/2010	07/2013	01/2010	06/2013	YES	\$309	\$321	Incongruity of specification, different site condition, inclement weather	NA
59	D-B-B	U Link	U230	RTA/LR 0060-09	TBM Tunnels-Capitol Hill Station to Pine Station Stub Tunnel	The major scope of work in this contract includes approximately 3,800 feet of segmentally lined, twin-bored running tunnels and excavation of Capitol Hill station box. The work includes 5 cross passages excavated at intervals between the bored tunnels, placement of the tunnel invert slab, walkways and utilities, as well as excavating and constructing the connection with the existing downtown tunnel.	JCM Northlink LLC Glen Frank (206) 423-8348	North Link Transit Partners Dan Adams (206) 398-5495	01/2010	03/2013	01/2010	03/2013	YES	\$154	\$163	Incongruity of specification, different site condition, inclement weather	NA
60	D-B-B	Sounder	NA	RTA/CP 0151-09	D ST. to M ST. TRACK & SIGNAL	Construction of the rail connection between the existing Tacoma Dome Station on D Street and M Street, allowing Sounder service from Lakewood to Seattle. Scope of work includes bridge structures over Pacific Avenue, B Street gully, and A Street, Retaining wall structures for the track alignment and roadway/signal revisions and Roadway paving, sidewalks, curb, and gutter installation and associated utility relocations,	Midmountain Contractors, Inc. Mark Mills (425) 202-3654	Parson Brinkerhoff Jeanine Viscount (206) 382-6321	11/2010	12/2012	11/2010	12/2012	YES	\$41	\$63	Extensive contaminated/hazardous soil handling, underground obstructions & debris, centralized traffic control system and various engineering revisions to sitework. Add'l contingency (70%) was added	Extensive contaminated/hazardous soil handling, underground obstructions & debris, centralized traffic control system and various engineering revisions to sitework.
61	A/E	Sounder	NA	RTA/CP 0128-07	SCR D ST. to M ST. TRACK & SIG FD CIVIL FINAL DESIGN	Civil design for the construction of the rail connection between the existing Tacoma Dome Station on D Street and M Street with bridge structures, retaining wall structures for the track alignment and roadway revisions.	NA	Parson Brinkerhoff Jeanine Viscount (206) 382-6321	07/2008	12/2012	07/2008	12/2013	YES	\$7	\$13	Executed option; unanticipated design support during construction due to extensive differing site conditions	Administrative close-out ran longer than anticipated
62	D-B-B	U Link	U215	RTA/LR 0142-08	I-5 Undercrossing Construction Pits	I-5 under-crossing construction pits (contract U215) and other utility works by third parties in preparation of University Link Extension tunneling between the Pine Street Stub Tunnel and the University of Washington.	Condon-Johnson Associates Rowland Stow (206) 575-8248	North Link Transit Partners Dan Adams (206) 398-5495	11/2008	07/2011	02/2009	03/2011	YES	\$20	\$24	Added Scope within contingency	NA
63	D-B-B	U Link	U820	RTA/LR 0050-09	OMF Yard Expansion	Expansion of OMF yard capacity-construction of nine additional storage tracks with the capacity to store an additional 64 light rail vehicles.	Railworks Track Systems Inc. David Landreth (360) 262-9444	North Link Transit Partners Dan Adams (206) 398-5495	09/2009	11/2010	09/2009	11/2010	YES	\$11	\$13	Added Scope within contingency	NA
64	D-B-B	Sounder	NA	RTA/CP 0016-08	M Street to Lakewood Track and Signal Improvements	Track and signal improvements on 7 miles of existing rail corridor for commuter rail use.	Railworks Track Systems Inc. David Landreth (206) 262-9444	HDR Wayne Short (425) 453-7107	5/1/2009	1/1/2010	5/1/2009	03/2011	YES	\$34	\$36	Differing Site Conditions	Minor Change
65	D-B-B	Airport Link	C430	RTA/LR 0047-06	Airport Link-Airport Station and Track work	Construction of the elevated SeaTac/Airport Light Rail Station, the International Boulevard pedestrian bridge and plaza and track work from S. 160th St. through the station.	Mowat Construction Co. Mike Bell (425) 806-7919	Hatch Mott MacDonald Steve Mauss (206) 838-2886	04/2007	09/2009	08/2007	12/2009	YES	\$54	\$74	Bid Climate	Follow on Work
66	D-B-B	Other	NA	RTA/LR 0033-06	South Center Blvd. Improvements	Modification and improvements to South Center Blvd. access.	SCI Infrastructure Tyson Lashbrook (253) 218-0444	PSTC Amarjit Marwana (206) 324-5500	01/2008	06/2009	01/2008	10/2009	YES	\$21	\$26	Differing Site Conditions	Differing Site Conditions
67	D-B-B	Sounder	NA	RTA/CP 0020-06	Lakewood Station	Construction of a Transit Center including 1000 foot boarding platform, bus transfer facility, 1,000 stall parking structure and three miles of track improvements.	PCL Construction Services Trevor Gallagher (425) 454-8020	KPFF Ron Leimkuhler (206) 622-5822	2/1/2007	9/1/2008	2/1/2007	06/2009	YES	\$17	\$18	Minor Changes within contingency	Minor Change
68	D-B-B	Initial Link	NA	RTA/LR 0095-03	Signals System	Signal system for the complete line ( Initial Segment to Airport plus Yard Expansion), including a joint operating (Bus and Train) signal system in the DSTT.	GE Transportation Systems James Schmitz (321) 435-7365	LTK Engineering Services Lloyd Mack (206) 689-4919	10/2004	08/2008	10/2004	07/2009	YES	\$34	\$37	Minor Changes within contingency	Follow on Work
69	D-B-B	Initial Link	C807	RTA/LR 0082-03	Traction Power	Integrated 1500v dc voltage traction power system with overhead contact system (OCS) for the Initial Segment and Airport Link	Mass Electric Construction Co. Walead Atlyeh (303) 598-2149	LTK Engineering Services Lloyd Mack (206) 689-4919	09/2004	06/2008	10/2004	07/2009	YES	\$36	\$49	Added Scope within contingency	Follow on Work
70	D-B-B	Initial Link	C710	RTA/LR 0105-03	Initial Link-Beacon Hill Project	Construction of an approximately one-mile-long, twin tube tunnel beneath Beacon Hill, including a deep mined tunnel station and fully enclosed aerial Mount Baker Station.	Obayashi Hiroaki Sugiara (206) 359-2217	Hatch-Mott MacDonald/ Jacobs Engineering Steve Mauss (206) 838-2886	06/2004	06/2008	06/2004	07/2008	YES	\$280	\$307	Differing Site Conditions	Differing Site Conditions
71	A/E	Airport Link	NA	RTA/LR 0105-01	AIRPORT LINK CIVIL FINAL DESIGN	Design of the airport link that includes the elevated SeaTac/Airport Light Rail Station, the International Boulevard pedestrian bridge and plaza and track work from S. 160th St. through the station.	NA	Hatch Mott MacDonald Steve Mauss (206) 838-2886	11/2002	04/2008	11/2002	06/2012	YES	\$13	\$32	Executed Option	Executed Option
72	D-B-B	Airport Link	C410	RTA/LR 0088-04	Airport Link - 154th Street to 160th Street	Construction of aerial guideway between 154th and 160th Streets including all track work (aerial and at-grade) and guideway.	PCL Construction Services Karl Benjamin (425) 454-8020	PSTC Amarjit Marwana (206) 324-5500	09/2006	03/2008	09/2006	03/2008	YES	\$38	\$40	Minor Changes within contingency	NA
73	D-B-B	Other	NA	RTA/CP 0162-05	Issaquah Transit Center	Construction of a Transit Center including bus shelters and improved weather protection for riders; rider amenities; bus layover space; and an 800 stall structured parking facility.	Harbor Pacific Contractors, Inc John Welch (425) 488-7131	KPFF Ron Leimkuhler (425) 622-5822	2/1/2008	2/1/2008	2/1/2008	03/2009	YES	\$18	\$21	Differing Site Conditions	Differing Site Conditions
74	D-B-B	Initial Link	C755	RTA/LR 0088-04	Initial Link-S Boeing Access Rd to S 154th St	Construction of the predominantly aerial guideway from south of Norfolk Street and MLK Way to South 154th Street. The alignment continued south along the west side of I-5 and then west along the north side of SR-518 to reach an aerial station and park-ride at South 154th Street.	PCL Construction Services Karl Benjamin (425) 454-8020	PSTC Amarjit Marwana (206) 324-5500	04/2005	01/2008	04/2005	06/2008	YES	\$232	\$240	Minor Changes within contingency	Minor Changes within contingency
75	D-B-B	Initial Link	C510	RTA/LR 0029-04	Downtown Seattle Transit Tunnel Retrofit	Retrofit of the existing Downtown Seattle Transit Tunnel (DSTT) for joint rail and bus operations and construction of a tunnel beneath Pine Street to accommodate a tail track.	Balfour Beatty Infrastructure Virgil Curtis (425) 251-0153	PSTC Amarjit Marwana (206) 324-5500	08/2004	09/2007	08/2004	09/2007	YES	\$75	\$82	Acceleration and Differing Site Conditions	Differing Site Conditions
76	D-B-B	Initial Link	C735	RTA/LR 0099-02	Initial Link-Rainier Valley	Construction of the at-grade LRT guideway in MLK Way right of way, including a new MLK Way roadway, curb, gutter, and sidewalks, pedestrian crossings, signalized intersections, relocation of wet utilities including sewer, storm drainage, and water supply.	RCI/Herzog Michael Cooper (253) 299-3200	Berger Abam Bob Griebenow (206) 431-2300	06/2004	04/2007	06/2004	11/2008	YES	\$114	\$163	Utility Interferences Differing Site Conditions	Utility Interferences Differing Site Conditions
77	D-B-B	Other	NA	RTA/RE 0017-04	Federal Way Transit Center	Construction of a transit center and 1,200 stall, five level parking structure including linking I-5 HOV lanes with direct-access HOV ramps at 317th.	PCL Construction Services Jim Pitman (425) 454-8020	KPFF Ron Leimkuhler (206) 622-5822	7/1/2004	6/1/2006	7/1/2004	11/2005	YES	\$21	\$22	Minor Changes within contingency	NA
78	D-B-B	Link Operations & Maintenance	NA	RTA/LR 0029-03	Operations & Maintenance Facility	Construction of a light rail operations and maintenance facility for track and vehicle repair and maintenance, vehicle storage and administration building on a 25 acre industrial site in Seattle's SODO area.	Kiewit Pacific David C. Zemek (425) 255-8333	LTK Engineering Services Lloyd Mack (206) 689-4919	11/2003	04/2006	12/2003	08/2007	YES	\$54	\$74	Added Scope within contingency	Added Scope

## 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.](#)

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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.
- 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:**

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Signature

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Date

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Name and Title

**DECM approval:**

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Signature, Executive Director, DECM

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Date

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**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:**

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Signature, Design and Construction Contracts Manager, PCD

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Date

**Personnel with Construction Experience Using Alternative Contracting Procedures**  
**ATTACHMENT A (Changes shown in red text)**

NAME	EXPERIENCE	PROJECT	SIZE	TYPE	Role During Project Phases			TIME ON PROJECT
					PLANNING	DESIGN	CONSTR.	
Jody Bratton, PE	Professional Engineer, 25 years project design and management experience.	Central Wastewater Treatment Plant Design-Build Upgrade	\$102M	DB	PE	PE	PE	2005-2009
		Stage I & II Landfill Closure	\$10M	DBB	PE	PE	PE	1990-1993
Joshua Clarke, <b>PMP</b>	22 years of facility capital project experience.	South Park Plaza Garage Redevelopment	\$12.8M	PPP		PM	PM	2008-2011
		Center for Urban Waters - Office & Laboratory Facility	\$40M	PPP	PM	PM	PM	2007-2010
		Greater Tacoma Convention Center	\$108M	GC/CM	PC	PC	PC	2000 - 2005
		<b>People's Community Center Pool Improvements</b>	<b>\$4.0M</b>	<b>DBB</b>	<b>PM</b>	<b>PM</b>	<b>PM</b>	<b>2013 - 2016</b>
Maureen Dilley	30 years as project manager for commercial construction projects.	Greater Tacoma Convention Center	\$108M	GC/CM			CM	16mo
Mark Henry	24 years construction experience in commercial construction (14 years as a Project Manager) and 11 years in Public Works construction management.	Pedestrian Crossing Improvements Project	\$4.9M	DB		CM	CM	2014-2016
		<b>Puyallup River Bridge F16A &amp; F16B</b>	<b>\$42M</b>	<b>DB</b>	<b>CM</b>	<b>CM</b>	<b>CM</b>	<b>2017 - Present</b>
Eric Johnson, PE	Assistant Division Manager; Professional Engineer with 28 years of experience in project design & management.	Central Wastewater Treatment Plant Design-Build Upgrade	\$102M	DB	PM	PM	PM	2002-2011
		<b>Jefferson &amp; Hood Street Surface Water Interceptor Project</b>	<b>\$19M</b>	<b>PDB</b>	<b>PD</b>	<b>PD</b>	<b>PD</b>	<b>2016-Present</b>
Chris Larson, P.E.	Professional Engineer/Engineering Manager, with 27 years of experience in project design and management.	Murray Morgan Bridge Rehabilitation	\$50M	DB		DM	DM	2012-2013
		Pedestrian Crossing Improvement Project	\$4.9M	DB	DM	DM	DM	2014-2016
		<b>Puyallup River Bridge F16A &amp; F16B</b>	<b>\$42M</b>	<b>DB</b>	<b>DM</b>	<b>DM</b>	<b>DM</b>	<b>2017 - Present</b>

**Personnel with Construction Experience Using Alternative Contracting Procedures**  
**ATTACHMENT A (Changes shown in red text)**

NAME	EXPERIENCE	PROJECT	SIZE	TYPE	Role During Project Phases			TIME ON PROJECT
					PLANNING	DESIGN	CONSTR.	
Sue O'Neill, PMP, DBIA	29 years of experience in project management of environmental, infrastructure and development projects.	Asarco Tacoma Smelter Superfund Site	\$100M	DBB, DB	PE/PM	PE/PM	PM	1997-2005
		Point Ruston Remediation	\$2.5M	DBB, DB	PM	PM	PM	2005-2008
		Stack Hill Remediation & Development	\$3M	DBB, DB	PM	PM	PM	2005-2008
		St. Marks Addition	\$3.5M	DB	Bldg Committee	Owner's Rep	Owner's Rep	2007-2009
		Cheney Stadium Upgrade Phase III	\$30M	DB	GM	GM	GM	2011-2012
		Murray Morgan Bridge Rehabilitation	\$50M	DB	GM	GM	GM	2008-2013
		Pedestrian Crossing Improvement Project	\$4.9M	DB	GM	GM	GM	2014-2016
		Puyallup River Bridge F16A & F16B	\$42M	DB	GM	GM	GM	2017 - Present
Lisa Oestreich	Construction Manager with 6 years of experience in CM/PM.	Slayden Road Improvements	\$1.2M	GC/CM			PM	1/2008-11/2008
James Parvey, P.E. LEED AP, DBIA	Senior Principal Engineer, 28 years in project management, design, and construction.	Central Wastewater Treatment Plant Design-Build Upgrade	\$102M	DB		PD	PD	2004-2007
		Center for Urban Waters - Office & Laboratory Facility	\$40M	PPP	PM	PD	PD	2002-2010
		Murray Morgan Bridge Rehabilitation	\$50M	DB	PM	PD	PD	2007-2011
Mark D'Andrea, P.E.	22 years of experience in project management, design, and construction.	Pedestrian Crossing Improvement Project	\$4.9M	DB	PM	PM	PM	2014-2016
Chris Storey, P.E., PMP, DBIA		Puyallup River Bridge F16A & F16B	\$42M	DB	PM	PM	PM	2017 - Present

**Personnel with Construction Experience Using Alternative Contracting Procedures**  
**ATTACHMENT A (Changes shown in red text)**

NAME	EXPERIENCE	PROJECT	SIZE	TYPE	Role During Project Phases			TIME ON PROJECT
					PLANNING	DESIGN	CONSTR.	
Kurtis D. Kingsolver, P.E.	27 years of experience in Public Works transportation projects, 13 years as the City Traffic Engineer and the past 4 years as the City Engineer and Public Works Director.	Murray Morgan Bridge Rehabilitation	\$50M	DB	DM	PD	PD	2008-2013
		Pedestrian Crossing Improvements Project	\$4.9M	DB	PD	PD	PD	2014-Present
		Puyallup River Bridge F16A & F16B	\$42M	DB	PD	PD	PD	2017 – Present
Kristy Beardemphl, P.E., Assoc. DBIA	15 years of experience in project design and project management of utility related projects	Jefferson & Hood Street Surface Water Interceptor Project	\$19M	PDB	PM	PM	PM	2017-Present
Christa Lee, P.E., Assoc. DBIA	15 years of experience in project design and project management of utility related projects	Jefferson & Hood Street Surface Water Interceptor Project	\$19M	PDB	PE	PE	PE	2017-Present
Drew Randolph, Assoc. DBIA	18 year of experience of construction manager experience on a wide variety of civil infrastructure project.	Jefferson & Hood Street Surface Water Interceptor Project	\$19M	PDB	CM	CM	CM	2017-Present

**TYPE**

DBB - Design Bid Build  
 DBO - Design Build Operate  
 GC/CM - General Contractor/Construction Manager  
 PDB – Progressive Design Build

**ROLE**

ADM - Assistant Division Manager  
 CM - Construction Manager  
 DM - Division Manager  
 GM - Group Manager  
 PC - Project Coordinator  
 PD - Project Director  
 PE - Project Engineer  
 PM - Project Manager