

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

APPLICATION FOR RECERTIFICATION OF PUBLIC BODY
RCW 39.10 Alternative Public Works Contracting
General Contractor/Construction Manager (GC/CM) and/or Design-Build (DB)

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

Identification of Applicant

- a) Legal name of Public Body (your organization): **University of Washington**
- b) Address: **Box 352205 Seattle, WA 98195-2205**
- c) Contact Person Name: **Steve Tatge** Title: **Executive Director, Project Delivery Group**
- d) Phone Number: **206-221-4231** E-mail: **statge@uw.edu**
- e) Effective Dates of current Certification **2016** GC/CM **2019** DB
- f) Type of Certification Being Sought GC/CM DB

1. Experience and Qualifications for Determining Whether Projects Are Appropriate for GC/CM and/or DB Alternative Contracting Procedure(s) in RCW 39.10

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

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

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

See Attachments 1.A and 1.B.

2. Project Delivery Knowledge and Experience

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

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

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

See Attachments 2.

3. Personnel with Construction Experience Using the Contracting Procedure

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

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

See Attachment 3.

4. Resolution of Audit Findings on Previous Public Works Projects

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

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

There have been no audit findings since 2009.

5. Project Data Collection

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

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

See Attachment 5.

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

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

Please provide GC/CM project information on subcontract awards and payments, and if completed, a final project report. As prepared for each GC/CM project, please provide documentation supporting compliance with the limitations on the GC/CM self-performed work. This information may include, but is not limited to: a construction management and contracting plan, final subcontracting plan and/or a final TCC/MACC summary with subcontract awards, or similar.

We are working with our GC/CMs and compiling a response regarding the data collection and subcontractor information with the addendum. We should have a submission within two weeks.

7. Subcontractor Outreach

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

See Attachment 7.

SIGNATURE OF AUTHORIZED REPRESENTATIVE

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

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

Signature:  _____

Name: (please print) Steve Tatge

Title: Executive Director, Project Delivery Group

Date: 4.25.19

ATTACHMENT 1.A

Public Works Contract Type Assessment

The UW Facilities contract type assessment matrix should be consulted when developing the delivery and procurement strategy for *public works* projects during the “Needs Assessment” phase or Planning Phase of any project. A UW Facilities Procurement & Sourcing representative along with a Project Delivery Group representative should use the matrix to select the delivery strategy most aligned with the project characteristic, delivery method requirement, and overall goals of the project. The contracting type selected should be documented in the *Project Work Plan*.

Delivery Strategy	Overview	Pros	Cons
Design-Bid-Build (most common)	A “traditional” delivery method for construction work. Selection of a contractor is through a lowest responsive and responsible bid. Design/construction documents complete and posted publically for open competition. (RCW 39.04)	<ul style="list-style-type: none"> Competitive Bidding Suited for a wide range of work Ideal with a complete design Can be used with some “performance specifications” Bid documents can be as long or as short as the work and risk require. 	<ul style="list-style-type: none"> No GC input into design, no constructability review Often longer process: requires linear design, bid, build timeline Require completed construction documents to bid Experienced delivery staff required
Job Order Contracting	Job Order Contracting (JOC) can be used when the expected job cost is less than \$350,000 using a pre-determined price book such as RS Means. A general contractor is selected based on qualifications and their approach to managing subcontractors, along with a coefficient (fee). Work Orders are issued for small projects that are less than the threshold for a maximum of \$4M per year. Design is completed as needed by work order. (RCW 39.10)	<ul style="list-style-type: none"> Small projects do not have to be individually bid Contractor, subcontractors, and designers work together to stream line design and construction and is often faster 	<ul style="list-style-type: none"> Price of work calculated by RS Means often does not reflect internal cost estimates or budgets and hard to reconcile Limited in \$ for each projects Limitation on percentage of work that can be self-performed by JOC (10%) and how much work does not have to be “pre-priced.” (20%)
Small Works Roster	A small projects delivery method for projects less than \$300,000. UW Facilities may use a pre-established roster of firms to bid on small projects. (RCW 39.04.350)	<ul style="list-style-type: none"> Pre-established roster limits bid pool to those firms that are more experienced in certain scopes. Similar benefits of DBB 	<ul style="list-style-type: none"> Dollar limitation Still requires lowest responsive and responsible and competitive process Maintenance of a roster
<\$90,000	For public works construction work less than an estimated \$90,000 (labor, materials, and equipment), first right of refusal shall be given UW Facilities Maintenance and Construction to be consider for performance by our own forces. Single trade, repetitive, bargained, or operational sensitive work are ideal for this method. (RCW 28B)	<ul style="list-style-type: none"> Direct access to those that operate and maintain our buildings and infrastructure Does not need to be bid on the open market Shorter project durations possible 	<ul style="list-style-type: none"> Limited dollar value and complexity
Critical Patient Care Roster	Specific to UW Medicine or public works projects in critical patient care facilities. A roster established through a qualifications based application process. Levels of work and size	<ul style="list-style-type: none"> Pre-established roster limits bit pools to those firms that are more experience working in the highly sensitive environments and while occupied. 	<ul style="list-style-type: none"> Design and construction documents still required Still competitively bid to those on the roster

ATTACHMENT 1.A

	of contractors are captured on “A” and “B” options for work. (RCW 28B)	<ul style="list-style-type: none"> • No dollar limit 	<ul style="list-style-type: none"> • Roster needs to be maintained
General Contractor/Construction Manager (GC/CM)	A GC/CM partner is selected based on qualifications and proposed approach early in the design phase of a project. Selection include weighted criteria including a “fee” for general “administration” of the contract. Provisions for “heavy civil” projects and large MEP scopes. (RCW 39.10)	<ul style="list-style-type: none"> • GC is part of the design of the project and can provide input on constructability and cost considerations for various engineering solutions • Established Maximum Allowable Construction Costs • Qualifications/partnership and experienced based selection to enhance a team approach 	<ul style="list-style-type: none"> • Statutory required project types and prescriptive processes, less flexible for project owners • Extra construction management layer • Added administrative layers on all parties • Smaller pool of qualified and experienced general contractor teams • Limited access to trade partners other than MEP
Design-Build (Progressive, Integrated)	A designer and builder/contractor team selected based on qualifications and proposed approach. Several modifications to a design-build method, similar applications still exist. Select between 2-part, GMP-based contract and “Integrated Design-Build” contract, which features the business terms of an Integrated Project Delivery contract (shared risk/reward, incentives).	<ul style="list-style-type: none"> • Single contract point for both designer and building/contractor team • Work can be constructed as design completes • Multiple ways of securing subcontractors to partner or bid to the project • More flexible in statutory requirements, give Owners flexibility in deciding which version of DB best fits the project 	<ul style="list-style-type: none"> • Requires willingness to be flexible on project scope in exchange for price certainty. Favors ‘performance-based requirements’ over prescriptive requirements • Requires “honorarium” for all participants that are not successful

3. Experience and Qualifications for Determining Whether Projects are Appropriate for the Alternative Contracting Procedure (House Bill 1506, section 102(2)(a))

ATTACHMENT 1.B

The following is our process as described in our recently revised policies and procedures.

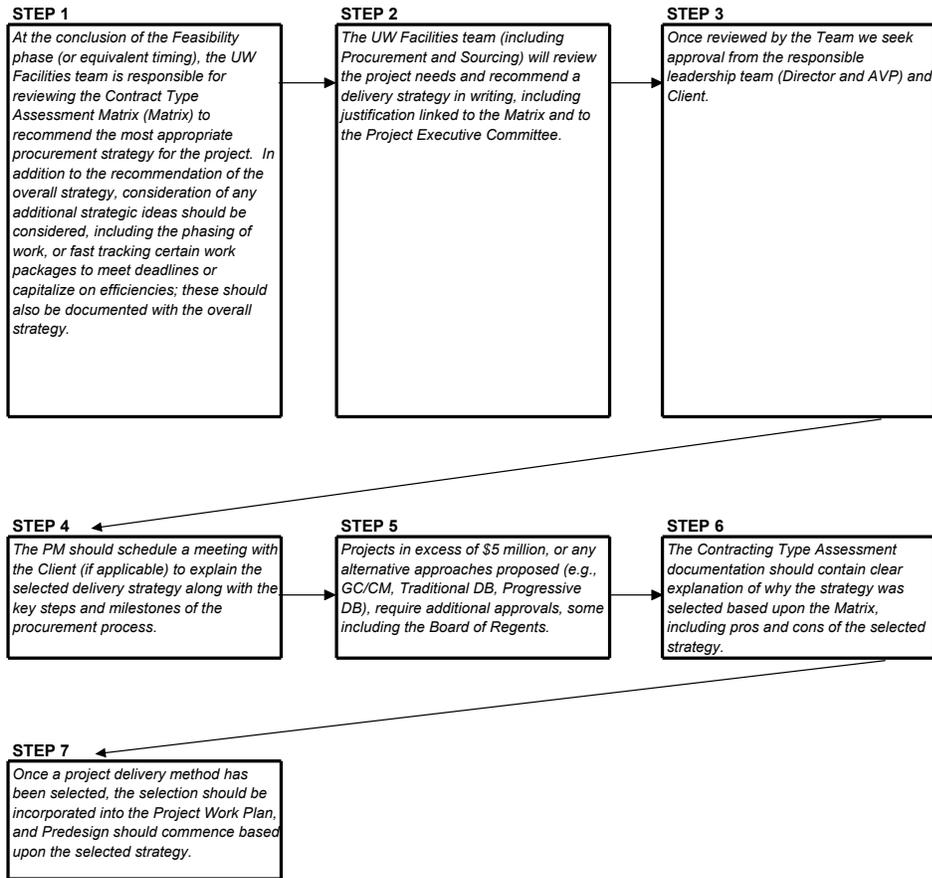
Overview

Project delivery strategy shapes the entire project from conception to owner turnover. Selection of the project delivery method should be driven by the needs and goals of the project, industry capabilities, and best practices. Delivery options vary based on the characteristics and budget of each individual project. All delivery strategies and procurements must comply with the applicable Revised Codes of Washington (RCWs).

Procedure

Traditional design-bid-build project delivery is a strategy used by UW Facilities on the majority of our smaller (under \$5M) public works projects; other available strategies include Job Order Contracting, General Contractor/Construction Manager (GC/CM) and Design-Build (DB), and Small Works Roster, >\$90,000 public work and the Critical Care Patient Facilities Roster (CCPF) for smaller projects. GC/CM and DB are considered Alternative Public Works strategies and require compliance with applicable RCW.

2. Experience and Qualifications for Determining Whether Projects Are Appropriate for GCCM and/or DB under Alternative Contracting Procedure(s) in RCW 39.10 (RCW 39.10.270 (3)(a)) Limit response to two pages or less.



ATTACHMENT 2

2. Project Delivery Knowledge and Experience (RCW 39.10.270 (3)(b)(i))

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

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

PREFACE:

Because of the hot local construction market over the past three years, the University has prioritized speed to market over the cost certainty of negotiating a MACC at 90% Construction Documents. While this has generally been successful, we have had several projects which opened early bid packages and started construction and then were ultimately unable to stay within the original budget. We learned that the ability of construction professionals to accurately forecast costs in a highly volatile market requires a different approach and will ensure we have a full range of scope reduction options available on future projects if early bid package results are over the estimate. Regarding disputes- we take a highly collaborative approach on our projects and also employ a Dispute Resolution Board on our GCCM projects. We have resolved all issues to the mutual satisfaction of all parties without having to go beyond initial consultation with the DRB in a handful of instances.

<u>Project Name</u>	<u>Status</u>	<u>Construction Start</u>	<u>Substantial Completion</u>	<u>Budget</u>	<u>Cost Overruns or Schedule Delays</u>	<u>Delivery Method</u>
1 UW Police Department Facility	Completed	Mar-15	Jun-16	\$19.6M	No significant issues	GCCM
2 Denny Hall Renovation	Closeout	Jul-15	Aug-16	\$52.8M	No significant issues	GCCM
3 NanoEngineering and Sciences Bldg.	Closeout	Mar-15	Apr-17	\$87.8M	See Note #1 below	GCCM
4 Animal Research and Care Facility	Closeout	Dec-14	Apr-17	\$124.4M	See Note #2 below	GCCM
5 UWMC Expansion Phase 2	Closeout	Dec-13	Jun-17	\$186.3M	See Note #3 below	GCCM
6 UW Tacoma Urban Solutions Center	Completed	Jan-16	Aug-17	\$28M	No significant issues	GCCM
7 Fluke Hall Renovation	Completed	Sep-15	Apr-17	\$37M	No significant issues	GCCM
8 New Burke Museum	Underway	Jun-16	NA- Note #6	\$82.8M	See Note #6 below	GCCM
9 Life Sciences Building	Completed	Jul-16	Jul-18	\$171.9M	No significant issues	GCCM
10 North Campus Student Housing Ph. IV(a)	Completed	Feb-16	Aug-18	\$253M	See Note #4 below	GCCM
11 UWMC Emergency Dept. East Extension	Completed	Jul-17	Dec-18	\$14.9M	See Note #5 below	GCCM
12 Computer Science & Engineering Bldg.	Completed	Jun-16	Dec-18	\$105.5M	No significant issues	GCCM

PROJECT NOTES:

- #1 Market conditions required a budget increase and a decision was made to include full build-out of what was to be shell space in the revised budget. The project finished under the revised budget.
- #2 Market conditions required a budget increase when options for reducing scope to maintain budget were determined to not be acceptable. The project finished under the revised budget.
- #3 Market conditions and schedule impacts due to the inability of the medical center to tolerate the ongoing construction while maintaining patient safety required a budget increase and schedule extension. The project finished under the revised budget and ahead of the revised schedule.
- #4 Market conditions required a budget increase when options for reducing scope to maintain budget were determined to not be acceptable. The project finished on the revised budget.
- #5 Scope was added by the client and discovery of hazardous materials requiring abatement required a budget increase and schedule extension. The project finished under the revised budget and on schedule.
- #6 Burke Museum building construction complete and on schedule. Demolition of existing Burke Museum and replacement with site improvements is in progress and on schedule. Interruption in funding due to the State Legislature's failure to pass a capital budget required modification of the construction schedule to suit cash flow and led to a small increase in costs.

ATTACHMENT 3

3. Personnel with Construction Experience Using the Alternative Contracting Procedure(s) [RCW 39.10.270 (3)(b)(ii)]

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 PREVIOUS certification. Provide a current organizational chart and highlight changes since PREVIOUS certification. *[Individuals no longer with the organization are shaded in gray in Attachment 3c. See Attachments 3a and 3b for our current organization charts.]*

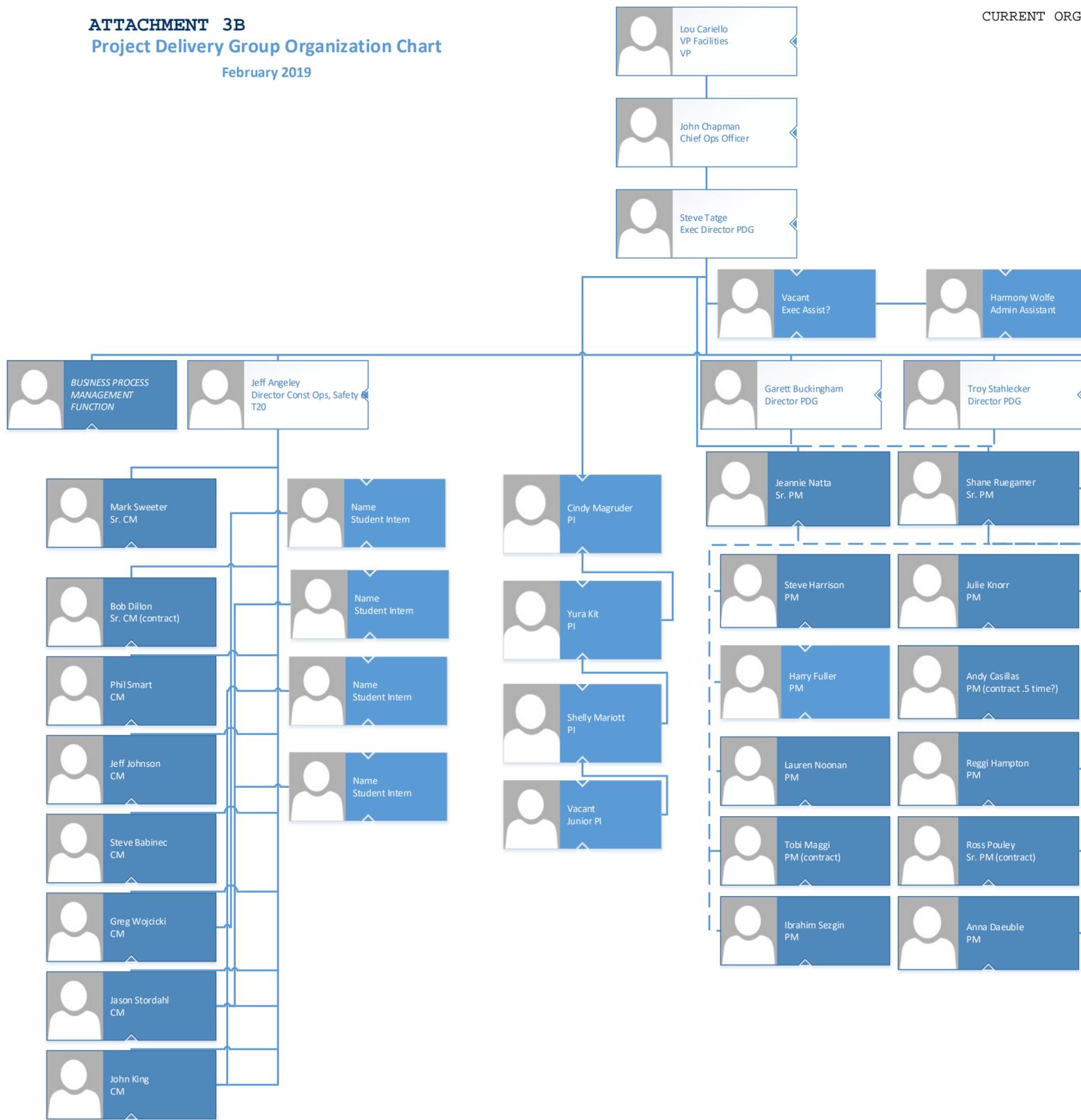
Name	Summary of Experience	Project	Project Size	Project Type	Role during Project Phase			Role Start	Role End
					Planning	Design	Construction		
John Chapman	Associate Vice President. Represented Facilities and Engineering.	Projects included in list.							
Steve Tatge	Executive Director, Project Delivery Group, with 31 years of design and construction experience. 15 years at UW. Extensive background with public works facilities. Licensed architect.	NanoEngineering	88M	GCCM	PM	Exec. Dir.	Exec. Dir.	Feb-13	May-17
		Discovery Hall	64M	GCCM	PM	PM	PM	Mar-12	Feb-15
		Fluke Hall	32M	GCCM	-	Director	Exec. Dir.	Apr-12	Present
		ARCF	132M	GCCM	-	Director	Exec. Dir.	Oct-12	Present
		Computer Sci. and Eng. Phase 2	105M	GCCM	Director	Director	Director	Mar-12	Feb-15
		PACCAR Hall	95M	GCCM	PM	PM	PM	Oct-09	Jul-10
		Clark Hall	19M	GCCM	PM	PM	PM	Feb-08	Feb-11
		Dempsey Hall	46M	GCCM	PM	PM	PM	Oct-09	Mar-12
		Odegaard Library	17M	GCCM	PM	PM	PM	Jun-11	Sep-13
		Molecular Engineering	78M	GCCM	PM	PM	PM	Apr-08	Sep-12
		Bothell Activities and Rec Center	19M	GCCM	PM	PM	PM	Nov-11	Dec-15
		UW Tacoma YMCA-Student Center	20M	DB	PM	PM	PM	Feb-13	Dec-15
		North Campus Housing 4(b)	\$66M	DB	Director	Director	Director	Sep-16	Present
		Population Health Facility	230M	DB	Director	Director	Director	Jun-16	Present
		UW Medical Center Expansion phase 2	198M	GCCM	-	Director	Director	Mar-15	Jul-18
Jeff Angeley	Assistant Director, Project Delivery Group, with 26 years of design and construction experience. 17 years at UW. Extensive background with public works healthcare, laboratory and complex facility construction	ARCF	132M	GCCM	CM	CM	Sr. CM	Oct-12	Present
		Fluke Hall	32M	GCCM	N/A	N/A	Asst. Dir.	Aug-17	Present
		AALAC	29M	GCCM	CM	CM	Sr. CM	Nov-07	Mar-10
		UWMC Exp P1	220M	GCCM	CM	Sr. CM	Sr. CM	Mar-10	Apr-13
		Odegaard Renov	17M	GCCM	CM	Sr. CM	Sr. CM	Aug-12	Dec-13
		G&H Wing	40M	GCCM	N/A	N/A	CM	Apr-08	Sep-09
Steve Babinec	Construction Manager, 23+ years with UW as Electrician, Electrician Lead, Maintenance Zone Coordinator and Maintenance Supervisor, 5 years with CPO/CPD/PDG as Construction Manager	ARCF Building	118M	GCCM	N/A	CM	CM	Feb-14	May-17
		Life Sciences Building	144M	GCCM	N/A	CM	CM	May-17	Mar-19
Garret Buckingham	Assistant Director, Project Delivery Group, UW 19 years of construction experience. 14 years with UW project delivery. Extensive background with	UWMC PACU	2.7M	GCCM	PM	PM	PM	Dec-10	Oct-12
		UWMC ED Expansion	15 M	GCCM	N/A	PM	PM	Aug-16	Nov-19

	public works facilities.	HFS Stevens Court Exterior Enclosure Rehabilitation Phase2	10M	GCCM	Director	Director	Director	Mar-17	Sep-20
Andy Casillas	Project Manager with 40 years in industrial/institutional projects. 15 years experience in public works facilities. Worked full range of contracting options.	Seismic Improvements Phase 1	18M	DB	PM	PM	PM/CM	Jun-12	Present
Bob Dillon	Senior Construction Manager, Project Delivery Group, with 30+ years of construction experience. 20 years at UW. Extensive background with public works facilities.	Computer Sci. and Eng. Phase 2	105M	GCCM	N/A	CM	CM	Mar-16	Apr-19
		UWMC Phase II	187M	GCCM	N/A	CM	CM	Dec-13	Dec-17
Jeff Johnson	Construction Project Manager, Project Delivery Group, 23 years of construction managment experience. 20 years at UW. Extensive background with public works facilities.	Bothell Student & New Burke	13M	GCCM	-	-	CM	Aug-14	Aug-16
		Stevens Court Phase 2	79.7M	GCCM	CM	CM	CM	Mar-16	Present
			TBD - approx 6M	GCCM	CM	CM	CM	Jan-19	Present
Aleanna Kondelis	Director, Procurement and Sourcing. Supporting UW Facilities and Project Delivery with contracting types , methods, procurement process internal control. Also, leading UW Business Diversity and Equity which administers our social equity program in contracting. Prior to UW worked for the City of Seattle for 10 years as public works contracts manager. Over 20 years experience in capital constrction.	Windermere CSO	30M	GCCM	Contracts	Contracts	Contracts	2009	2016
		First Hill Streetcar	68M	GCCM	Contracts	Contracts	Contracts	2009	2017
		Boundary Dam	30M	DB	Contracts	Contracts	Contracts	2009	2016
		Genese CSO (COS)	22M	GCCM	Contracts	Contracts	Contracts	2013	2017
		North Transfer	53M	GCCM	Contracts	Contracts	Contracts	2013	2017
		Morse Lake Pump	60M	GCCM	Contracts	Contracts	Contracts	2009	2017
		King Street Station	50M	GCCM	Contracts	Contracts	Contracts	2007	2016
		Elliott Bay Seawall	340M	GCCM	Contracts	Contracts	Contracts	2011	2017
		Mill Pond Dam	15M	DB	Contracts	Contracts	Contracts	2010	2017
		Seattle North	90M	GCCM	Contracts	Contracts	Contracts	2014	2017
		Fire Station 14	10M	GCCM	Contracts	Contracts	Contracts	2009	2012
		Fire Station 32 (COS)	12M	GCCM to DBB	Contracts	Contracts	Contracts	2013	2017
		Diablo Dam	20M	DB	Contracts	Contracts	Contracts	2014	2017
		Cedar Fall Admin	20M	DBB	Contracts	Contracts	Contracts	2014	2017
		Washington Stree Boat Landing	2M	DB to DBB	Contracts	Contracts	Contracts	2015	2017
		Lander Street	140M	DBB	Contracts	Contracts	Contracts	2015	2017
		Landsburg	10M	GCCM	Contracts	Contracts	Contracts	2011	2017
		North Henderson	43M	GCCM	Contracts	Contracts	Contracts	2013	2017
Cindy Magruder	32 years experience as a Contract Specialist (CS)/Project Integrator (PI)/Project Manager (PM) in Public Works Projects, including Alternative Public Works. Extensive experience in GCCM Contracts: solicitation, contract documents, award and execution, administration, and compliance.	Denny Hall	52.8M	GCCM	CS	CS	CS	Jan-14	Dec-18
		Burke Museum	79.7M	GCCM	CS	CS	CS/PI/PM	Dec-14	Present
		Police Station	15.8M	GCCM	CS	CS	CS	Sep-13	Feb-18
		UWMC ED East Extension	10M	GCCM	CS	CS	CS/PI	Apr-15	Sep-17
		Fluke Hall	32M	GCCM	CS	CS	CS/PI	Jan-15	Aug-18
		Bothell Student Activities	64M	GCCM	CS	CS	CS	Mar-12	Feb-19

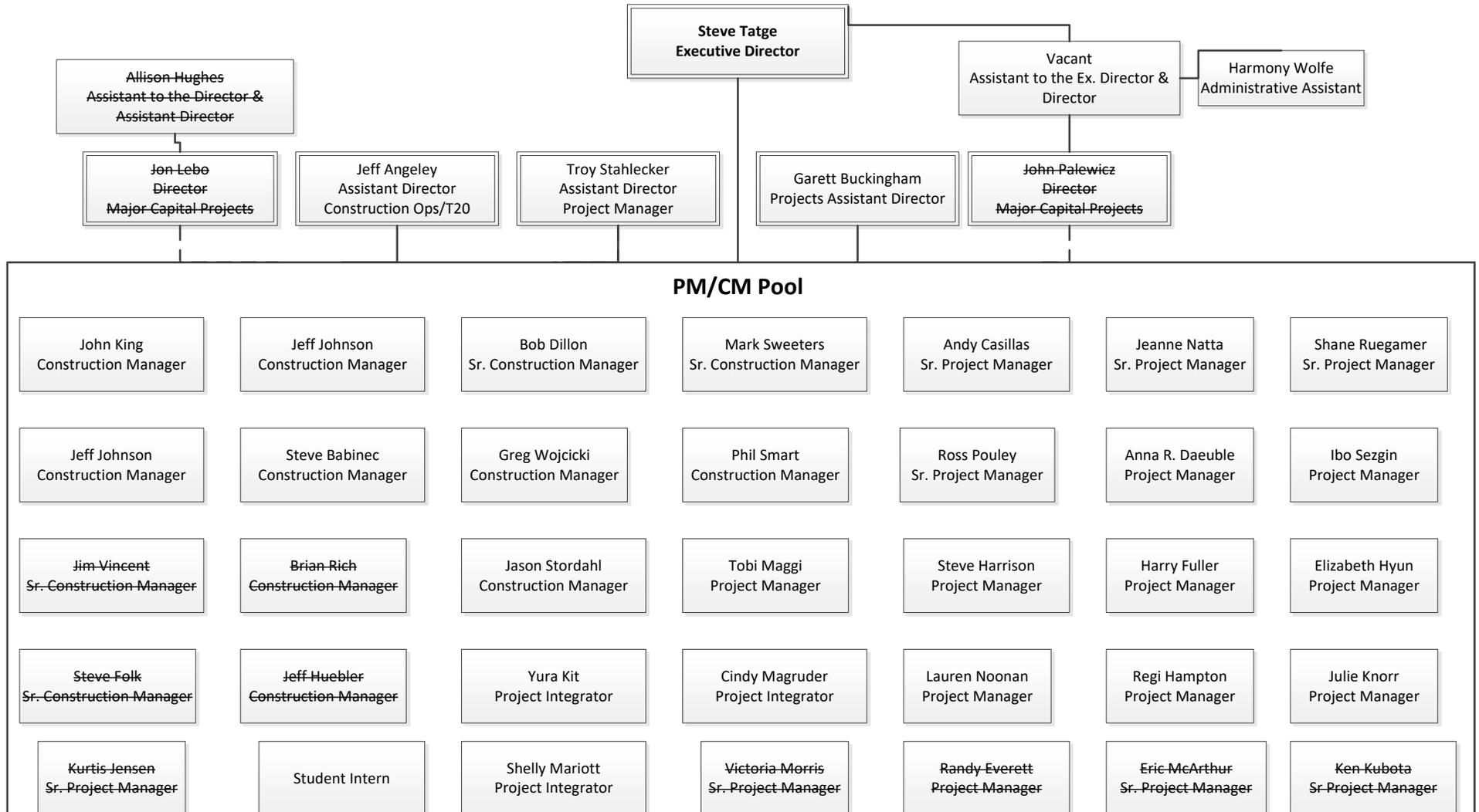
		ARCF	132M	GCCM	CS	CS	CS/PI	Jan-13	Present
		UWMC Exp. Ph 2	186M	GCCM	CS	CS	CS/PI	Mar-15	Present
		No. Campus Student Housing	253M	GCCM	CS	CS	CS/PI	Oct-14	Present
		Tacoma Urban Solutions Center	19M	GCCM	CS	CS	CS/PI	Sep-14	Present
		Life Sciences Bldg	160M	GCCM	CS	CS	CS/PI	Mar-15	Present
		NanoEngineering	88M	GCCM	CS	CS	CS/PI	Aug-14	Mar-19
		Computer Sci. and Eng. Phase 2	105M	GCCM	CS	CS	CS	Apr-15	Present
Shelly Marriott	Project Integrator, former Contract Specialist with 28 years experience working in the Project Delivery Group of the University of Washington. Assisting in the development and implementation of Public Works Contracts, including Alternative Public Works.	Stevens Court Ph.	8.9M	GCCM	PI	PI	PI	Jan-19	Present
		UWMC ED Extension	14.9M	GCCM	PI	PI	PI	Aug. 2017	Present
Jeanne Natta	Sr. Project Manager, UW Facilities, Project Delivery Group. Nine years of experience as a Construction Project Manager at the UW. Master of Science degree in Construction Manager. Ten years experience as a licensed commercial electrician.	UW Tacoma Urban Solutions Center	26M	GCCM	PM	PM	PM	Mar-14	Mar-19
Ross Pouley	Senior Project Manager, 35 years overall PM/CM Experience including the past 6 years managing projects for the UW. Public Works Projects.	UWMC Expansion Phase II	198M	GCCM	PM	PM	PM	Aug-03	Oct-18
Phil Smart	Construction Manager with 16 years experience at UW.	UW Medical Center Phase 2	182M	GCCM	N/A	CM	CM	Dec-13	Present
Troy Stahlecker	Director, Project Delivery Group, with 29 years of design and construction experience at the UW, 14 years with UW project delivery. Extensive background with public works facilities. Licensed Engineer.	N. Campus	253M	GCCM	Proj. Mgr			Jun-14	Jun-15
		Burke Museum	82.8M	GCCM	N/A	Asst. Dir	Asst.	Jun-19	Sep-19
		Life Sciences Bldg	171.5M	GCCM	Proj. Mgr	Asst. Dir	Asst. Director	Jun-14	Dec-18
		Computer Sci. and	105M	GCCM	N/A	Proj. Mgr	Asst.	Mar-12	Feb-15
Jason Stordahl	Construction Manager, Project Delivery Group, with 14 years of commercial construction experience. 4 years at UW.	UWMC ED	10.7M	GCCM	N/A	N/A	CM	Aug-17	Present
Mark Sweeters	Senior Construction Manager with Project Delivery Group, 49 years in construction including 31 at UW and 11 GCCM projects in the last 20 years.	NanoEngineering	88M	GCCM	CM	CM	CM	Feb-16	May-19
		Molecular Engineering	78M	GCCM	CM	CM	CM	Sep-09	Jan-13
		Discovery Hall	64M	GCCM	CM	CM	CM	Mar-12	Aug-14

ATTACHMENT 3B
Project Delivery Group Organization Chart
 February 2019

CURRENT ORG. CHART



Attachment 3c. Project Delivery Group Org Chart
 (People with a strike through their name are no longer with the organization.)



ATTACHMENT 5.A

5. Project Data Collection

Please provide a matrix of all projects with a total value of greater than \$5 million, including projects with a design agreement or DB agreement awarded within the last 3 years.

This list shall also include projects within the public body's capital plan projected to start within the next three years.

Project Title/Description	Project Number	Project Value	Delivery Method	Data entered into the CPARB Data Collection System [Yes or No; if No, why not?]	Project Complete [Yes or No]
1 Fluke Hall - Renovate Nano Fabrication Facility located on 1st floor of Fluke Hall including roof replacement and refurbishment.	203880	\$37M	GCCM	No, no database available	Yes
2 New Burke Museum - Construct new Burke Museum west of existing museum providing new space to address limitations and shortcomings of the existing building.	203007	\$82.8M	GCCM	No, no database available	No
3 Life Sciences Building - Construct new bldg. of approx. 185,700 gsf accommodating new lab and office space for the College of Arts and Sciences.	204746	\$171.9M	GCCM	No, no database available	Yes
4 North Campus Student Housing - Construct 3 student residential buildings with 1,800 beds. Also included, residential dining, regional service desk, and learning resource center.	204350	\$253M	GCCM	No, no database available	Yes
5 UWMC ED East Extension - Expansion and reconfiguration of ED Program Space on Level 2 of the Medical Center.	205394	\$14.9M	GCCM	No, no database available	Yes
6 Computer Sciences & Engineering - Construct approx. 135,000 sf of research, undergraduate education and related support space for the Computer Science & Engineering department.	204952	\$105.5M	GCCM	No, no database available	Yes
7 Stevens Court Rehabilitation Phase 2 - Strip existing stucco siding and reclad; replace windows.	206686	\$8.9M	GCCM	No, no database available	No
8 UW Bothell Corp Yard - The Bothell Campus Corp Yard Bldg. & outdoor area will be a new facility that serves as central shipping, receiving and maintenance facility for both UWB and Cascadia.	204199	\$5.4M	DB	No, no database available	No
9 Population Health Facility - New facility for the Department of Global Health and portions of the School of Public Health.	205430	\$230M	DB	No, no database available	No
10 Parrington Hall Renovation - Improved instructional space, areas for student, faculty, and staff collaboration. Renovated faculty and staff work space, dedicated study areas for PhD students, international fellows, teaching and research assistants.	205475	\$23.8M	DB	No, no database available	No
11 Seismic Improvements - - Eleven buildings have been selected for Phase 1 (\$17.5M): Smith Hall, Mary Gates Hall, Johnson Hall, Gowen Hall, Savery Hall, Music, Thomson Hall, Lewis Hall, Communications, Portage Bay and the Power Plant.	205729	\$17.5M	DB	No, no database available	No
12 Tacoma Urban Solutions Center - Renovation of Tacoma Paper & Stationary Bldg. a 40,000 gsf 4 story historic bldg. to accommodate classroom and academic space for 5,800 FTE students.	204701	\$28.0M	GCCM	No, no database available	Yes
13 Kincaid Hall Psychology Renovation - Remodel space in Kincaid for faculty, staff and undergraduate functions who will move research labs vacated by faulty moves to Life Sciences Building.	206473	\$43M	DB	No, no database available	No

14	Northwest Hopsital Childbirth Center - Phased renovation of 3 wings and expansion to minimize operational downtime.	206561	\$25M	DB	No, no database available	No
15	Foster School Expansion - Scope of Work for the Mackenzie Hall Replacement Study: Provide planning and design services to consider the programming for the UW Foster School of Business Mackenzie Hall Replacement Building, and the potential development of its site.	205037	\$70M	DB	No, no database available	No
16	Health Sciences Education Building - Active learning facilities to support core active, didactic and hands-on skills-based learning environments for Health Sciences. Building will be located on Site S-40 adjacent to T-Wing. Estimated GSF is 110,000.	205296	\$80M	DB	No, no database available	No
17	CAMCET Building West Campus - The Center for Advance Materials and Clean Energy Technologies will create a place where experts across multiple fields can come together in one building to develop solutions to solve critical challenges in our world today.	206865	\$200M	3rd party development agreement	No, no database available	No
18	UW Facilites Admin Long Term Location - UW Facilities administration will need to vacate FSAB, UFB, UFA 1 & 2, to make way for construction of a new Engineering building. Perform analysis of options & costs. Perform feasibility of adding 3rd floor to PSB.	206807	\$24M	TBD	No, no database available	No
19	UWMC Surgery Pavilion Data Center Infrastructure Upgrade - UWMC Surgery Pavilion Data Center Infrastructure Upgrade - Design and install new cooling system including removal of old cooling equipment. The placement of chilled water In-Row cooling units and Smart-Row cooling control system in Rows 1 through 4.	206024	\$5.2M	Critical Patient Care Roster	No, no database available	No
20	UW Bothell/Cascadia College Phase 4 - The Phase 4 project scope is for a new 100,000 square foot Academic STEM building to further the degree development in the campus' growing science, technology, engineering, and math.	205294	\$79.5M	DB	No, no database available	No
21	University District Station Building - Determine up to 3 scenarios of UW Tenants currently in leased space who could relocate to UDSB and fill 125,000 rentable sf out of 240,000 gsf.	206568	\$125M	3rd party development agreement	No, no database available	No
22	North Campus Housing Phase IV(b) - Residence Hall with up to 360 beds and refurbishment of historic Denny Field	205601	\$65.5M	DB	No, no database available	No

See Attachment 5.B, UW One Capital Plan for future planned projects.

ATTACHMENT 5.B

The list of projects below are from the UW's Capital Plan and are projected to start within the next 5 years:

<u>Project Name:</u>	<u>Project Budget:</u>	<u>Expected Delivery Method:</u>
T-Wing Renovation – Phase 2	\$60M	DB
College of Engineering – Phase 1	\$100.6M	DB
Health Sciences Education Building	\$90M	DB
Center for Advanced Materials and Clean Energy Technologies	\$200M	Developer-lead
Miller Hall Renovation for College of Education	\$54M	DB
Anderson Hall Renovation for College of Environment	\$25M	DB
Environmental Partnership Building	\$200M	Developer-lead
School of Medicine – South Lake Union 3.3	\$273M	Developer-lead
UW Bothell Academic STEM Building	\$73M	DB
Replace Space for College of Env./West Campus Park	\$100M	DB
Academic Innovation Building (UW Tacoma)	\$50.5M	DB
Renovations for the iSchool	\$14M	DB
University District Station Development	\$125M	Developer-lead
UW Bothell Mixed Use / Transportation HUB	\$50M	Developer-lead
Utility Infrastructure (Power Plant)	\$75M	DB
ICA Sports Performance Center	\$50M	DB
Intellectual House Phase 2	\$8M	DB
Engagement Center / Washington Commons	\$50M	DB
Utility Infrastructure (Campus Electrical Expansion / SCL)	\$75M	DB
Burke Gilman Trail Improvements – Phase 3	\$16M	DB
ASUW Shell House Restoration / Waterfront Improvements	\$20M	DB
Academic Conference Center	\$150M	Developer-lead

ATTACHMENT NO. 7

Subcontractor Outreach

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

The University's equity program is called UW Business Diversity & Equity. The UW Business Diversity & Equity (BD&E) team has a Community Engagement target. The BD&E team members across the University work to identify local, diverse, small, women, and minority-owned businesses to participate in University work. Our outreach generally leads to match making exercises between large 1st tier companies and 2nd tier and specialty firms. Under UW Facilities our public works program focuses on Business Equity Inclusion in our procurements through bidding and proposal submission responses. Under the Business Equity Inclusion portion of the BDE program, each bidder or proposer team, outlines their approach to including Business Equity Enterprises. Acceptable Inclusion Plans are those that state an attainable inclusion goal, list out specific scopes of work that are available on a project, discuss those opportunities that match available BEEs, discuss a bidding and packaging strategy that reflects BEE availability, and demonstrates the use of helpful business strategies that welcome and support subcontractors.