# The University of Washington's Upcoming Capital Program

**Society of American Military Engineers** 

January 23, 2020





# Lou Cariello- Vice President, UW Facilities Steve Tatge- Executive Director, Project Delivery Aleanna Kondelis- Director, Procurement & Sourcing

#### Agenda

- > How We Are Organized and Approach our Work
- > Our Five-Year Capital Plan and Selected Projects
- > Business Diversity and Equity







#### **UW Facilities**

## **Organizing around the Life-Cycle**

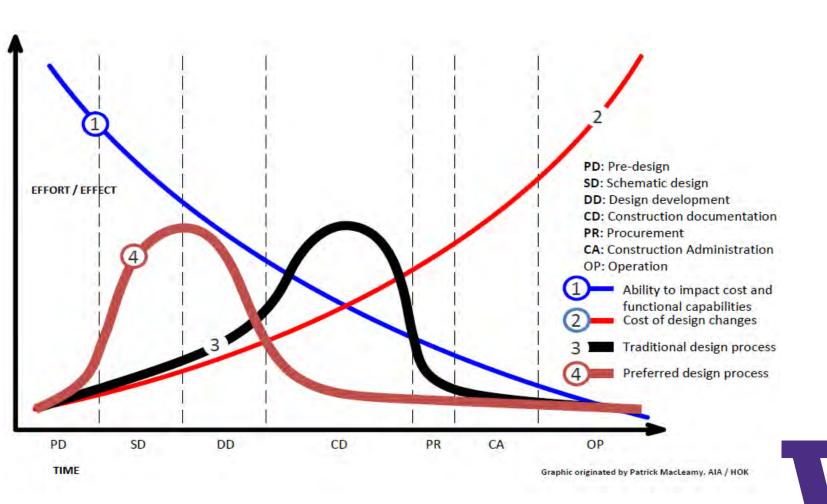
- Integrated Planning and Asset Management
- Improved Asset and Financial Data, and Analytics
- Innovative Project Delivery
- Robust Transition to Occupancy







### Moving our work 'to the left'





#### Six-Year Capital Plan (FY20-FY25)

				-	Curr	ently Eu	nded	Ly		1	Project Information					
	Project Buildet		Bldg	De	det.	Danur	Cent	rat	Local (Dept)	Other	Fu	Prior Funding	Limit GSF	Net New GSF	04M+R. (5)	DBAHR
		Funding in Styllights														
1 New Furies Museum	4 8				-	\$ 5	4	5			3	73	116,756	116.756	\$ 71.9	SADI
2 Population Health Facility	\$ 230					\$ 150		5-3	- 4	1		.50	796,574	196,574	\$ (4.5)	3
S. Eurical Transformation - D1	4 178			3	128		_	-	\$ 50.	-		-	1	1		
4 Finance Transformation	8 215		-	. 5.	112		1	82	- 1		5	21	1		-	
9 Foster School of Business New Building	\$ 73			5		\$ 70		7		L F			90,000	46,901	\$ 70.7	E
Foster School of Business - New Ruiking     Kindao Hall Benoumon for Pourhaling     North Candus Housing - Phase 4B (Oak Hall Desny Field)	5 4		1	. 5	31	1	5	5	5 4		5	3	84.459			
7 North Campus Housing - Phase 4R (Oak Hull/Desny Field)	\$ 66		1		101			-	\$ 66		. 101	-	105,500	105,500	3 (1.0)	DL
8 Pamneturi Hall Renovators for Eyans School	\$ 24		1	5		\$ 10	\$	4	24		5	10	38.775	1 -	30	
3 DW Medicine NWH - Chaid Rinth Center	\$ 7			. 5	25			-	_		- 101		26,000			
10 IUW Tacoms - Soil Remediation			-					-	-	5	3	7			100	
1) Health Sciences Education Building (New Building)	\$ 100	5 3	1	1 8	20	\$ 110		4			3	11	86,000	35,000	3 (1.5)	g .
12 UW Botnell - Academic STEM BUIGNE	5 7	5 78	5			-		-	-		15	3	100,000	100,000	S 71.5	5
13 University District Samon Development	8 140			-				4		5 14			240,000	240,000	5 13	CLOL
	\$ 1,260	\$ 134	1 5	2 5	316	\$ 245	5	96	\$ 120	\$ 14	5 5	201	1,204,064	991,731	5 (10.6)	

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	Project Duriget	State Bond	Bidg Acct	Debt	Donor	Contral	Local (Oppg)	Other	Funding	Tutal GSF	Net New GSF	OMAHIR (F)	DAMIA Source
				Fund	ing in SA	Works							
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w 2 DW Medicine Minor Projects	\$ 300	-	-	-	-		\$ 300			- 7	-	1	
3 Minor Works - Priscovation	\$ 134		\$ 334	- 1			1						
3 Minor Works - Prince Williams S. B. Million System Renais	\$ 77	-	\$ 77	1						12			
5 Mayor / Minor Capital Repair (greater than or equal to \$2M)	8 13	-	\$ 13	- 6		-	-		-	- 5-			
5 Energy Retrolls	\$ 25	-	1	5 23	\$ .	1 3			100			-	
7 Louis infrastructure (Power Plant)	3 :400		- 4	5, 100	1 3	-			1	- 4		11	
8 Upiny Inhastructure (West Campus Electrical Expension / SCL)	\$ 75			5 13			-	3 50		7			
19 Classman Mademization Ether	\$ 20			-		\$ 20						12	
10 Commus ADA improvements	\$ 20					\$ 20				1	1		
	E 1.121		4 777	225		4 42	5 MM	c 50	4 10				

1 Remulation/Retriscement Magnasuri eteuth Sciences Bids - Physic 2	3	- 60	\$	FD.		-		_	- 1	- 4					50,000	-		-	
2 Renovation/Replacement Magnuson Health Sciences Bidz - Phase 3	5	92	5	3				-	-	_ ;	-			-	501,200	1		_	
3 UW Medigire - Behavioral Hearth Teaching Hospital	\$	225	5	775		-		_	-	-				-	710,000	166,000	5	(3.5)	Š
4 Anderson Hall Renovation for College of Emiliopment	3	30	5	30		-				-		-		-	34,000		-	200	
5. Coffede of Engineering - Intendscriptions Education and Research (Phase	1.5	101	5	45	5	4		1	50	-	- 4		5	8	500,000	51.515	5	(0.9)	5/
fi. LIWMC - Montlake cammus membrane renair	8	50				- 1	5 40		-0		5. 10			-				-	
7 Miller Hall Renoyation for College of Education	1	84	5	54		-		15	20	- 1			-		73,000	-			
8 Environmental Partnership Bidg	3	200		-		-			-	_		5 70	2.	- 1	300,000	100,000	5	1.0	0
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12 Center for Advanced Malerials and Clean Energy Technologies	8	309		-		-				- 3		3 27	7 5	30.	340,000	112,200	3	1.0	3/
13 North Campus Housing - Phase 5 (Happert Hall Replacement)	5	149				-					\$ 140	-			240,000	36,886	5	(0.5)	D
15 Resignification HSB R & D. Wing (School of Dentistry)	3	-52	3	12		-	_	5	40		-		4	-				~	
16 UW Bothell Housing Resignment	3	170							- 1			\$ 17	2.		300,000	228,000	3	1,0	0
17 Ischool & HCDE Partnership Building	1	102	1	70		-			- :					- 3	0.15,000	115,000	1	72 10	5.6
19 UW Tacumu - Acuterius provation Bultifred (Phase I)	1	55	3	36	1	4		5	15					-	36,000	56,000	3	(0.9)	5
25 UW Medicine. Behavioral Health Institute at Harponyley Medical Cir.	\$	101	5	0.5					-		- 1	3 10	2		60,000	60,000	5	(1.4)	0
28 ICA Health & High Performance Center	3	45		-		-		5	45						50,000	27,955	3	(0.4)	Di
30 Medical School - Spokane WA	5	70		-			-		_	- 4	- 6	5 7	2	-	30,000	36,006	5	11.50	Sit
35 Emagisment Center / Washington Commons.	8	-20		-		-	-	3	20				-	-	50,000	50,000	3	(0.6)	E
41 Colege of Environment - Washington Park Arboretum Ed. Building	3	10		-		-	-	\$	16.						10,000	10,000	\$	(0.2)	E
42 Intellectual Fouse Phase 2	3	12		_		-		5	12				4		9,000	8,000	1	(0.2)	DI
A4 A5UW Shell House Restriction	8	13		-		0	-	5	13	-	-57			-	13.267	13,267	1	(0.1)	E
45 Burke Girmin Trail Immovements - Phase 3.	8	15				-	-		-	-		5 1	5.	1	-				
46 Atademic Conference Cemer	3	150		-		-	-	1	- 4	-	-	5 15	2.		200,000	200,000	3	1.0	O.

6 Year Capital Proposed Total \$ 2,776 \$ 643 \$ 283 \$ 491 \$ 478 \$ 128 \$ 570 \$ 1,181 \$ ;

- 1. Go to facilities.uw.edu
- 2. Under Planning, select Capital Planning and Budget
- 3. Click on Capital plan FY20-FY25

(also available as a hand out today)







#### "Major" Projects

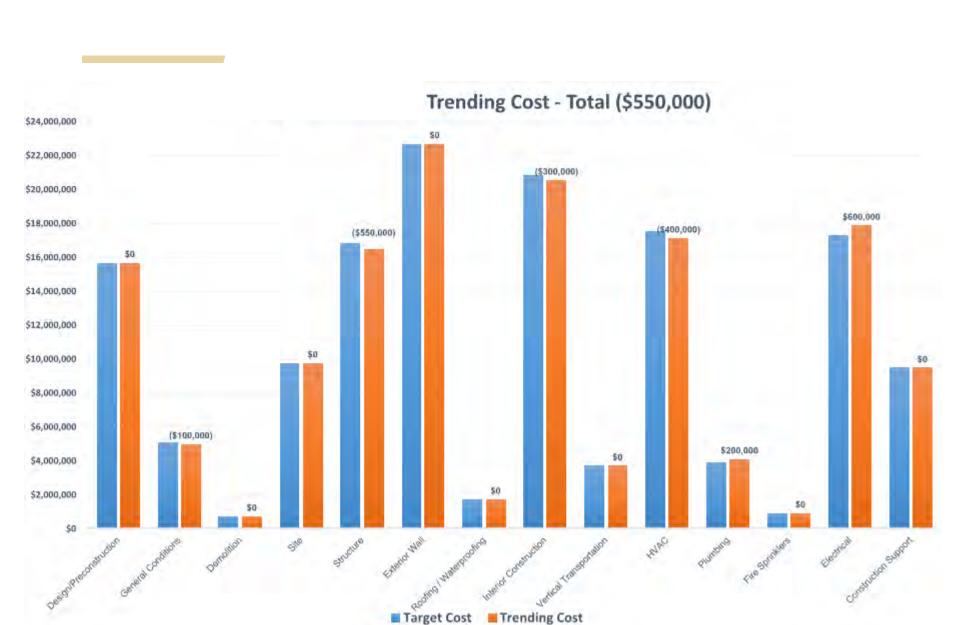
- Above \$15M, typically new buildings or major renovations
- Progressive Design-Build: either a GMP contract or an "IPD-like" contract with shared risk and reward
- UW works with Builder to choose Design team
- Emphasis on collaboration and lean principles
- Increasing reliance on Developer-led projects







#### **Target Value Design**





#### "Minor" Works

- \$30-50M a year, with focus on infrastructure and program improvements
- Combination of State and UW Central funding
- Many projects are under \$2M







#### "Minor" Works

#### **Contracting Tools and General Approach:**

- Job Order Contracting up to \$500K per work order
- Design/Bid/Build and GCCM \$500K-\$2M
- Design/Build above \$2M; Progressive DB with a GMP
- Small Works and Critical Patient Care Rosters
- Exploring other options







#### **Consulting and Professional Services**

#### **General Approach:**

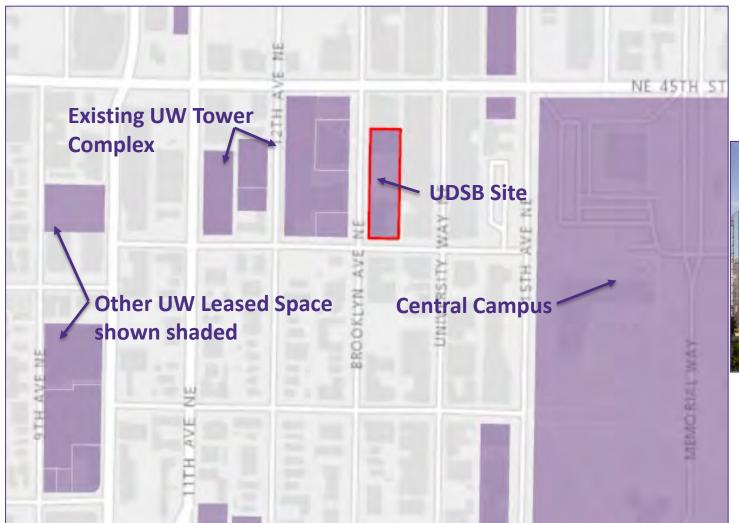
- Master Service Agreements 2 years, with 2 year renewal; annual solicitation
- Use of DES Consultant Roster
- Design-Build: UW works with the Builder and Architect to select Consultants
- Advertise in the DJC





#### F

### **University District Station Building (UDSB)**





**Concept Design** 





# West Campus Site W27 (including Center for Advanced Materials and Clean Energy Technology)

- Developer solicitation process just underway
- Approximately 340,000GSF building to house UW faculty, students, classrooms and research facilities, public and private sector tenants







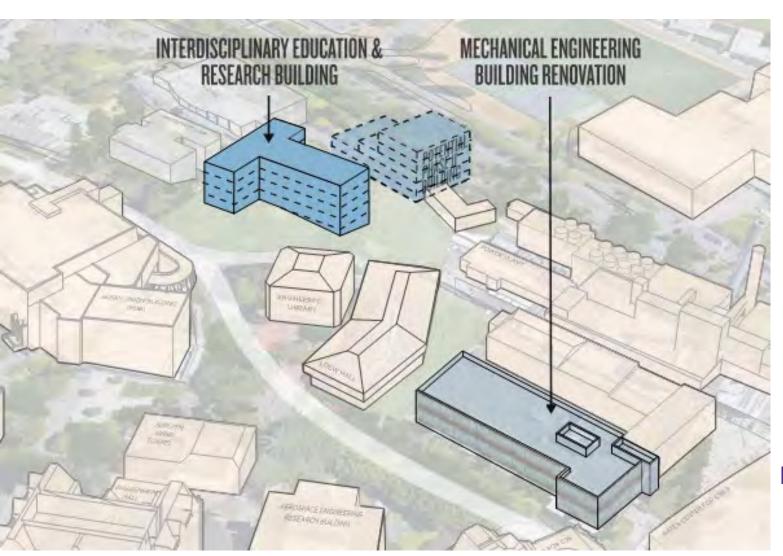


### **Behavioral Health Teaching Facility**





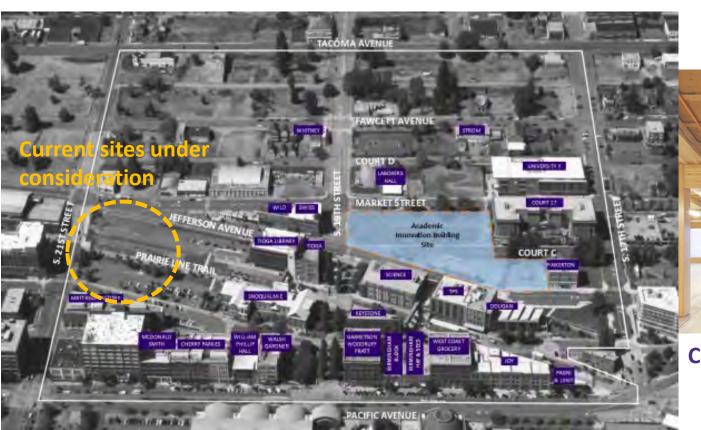
# College of Engineering Interdisciplinary Education and Research Building







### **UW Tacoma Academic Innovation Building**

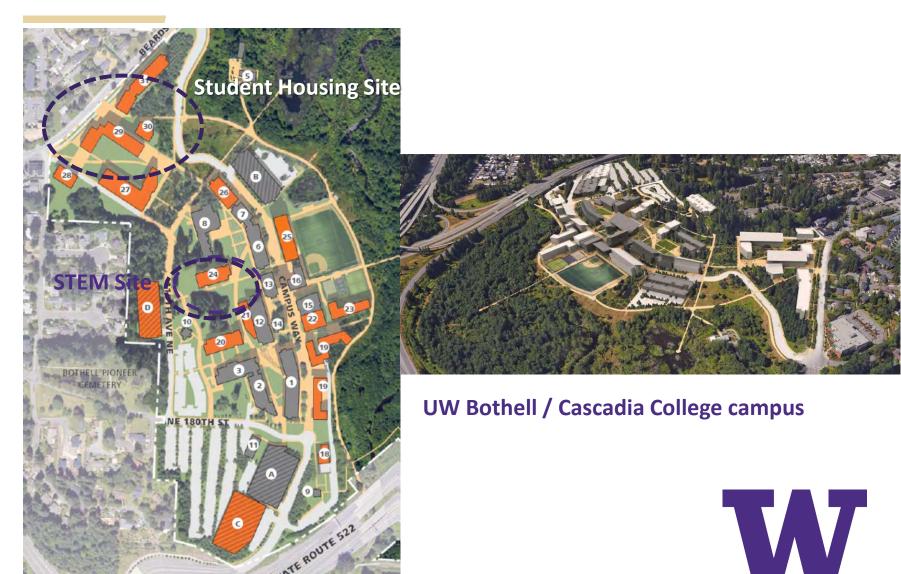






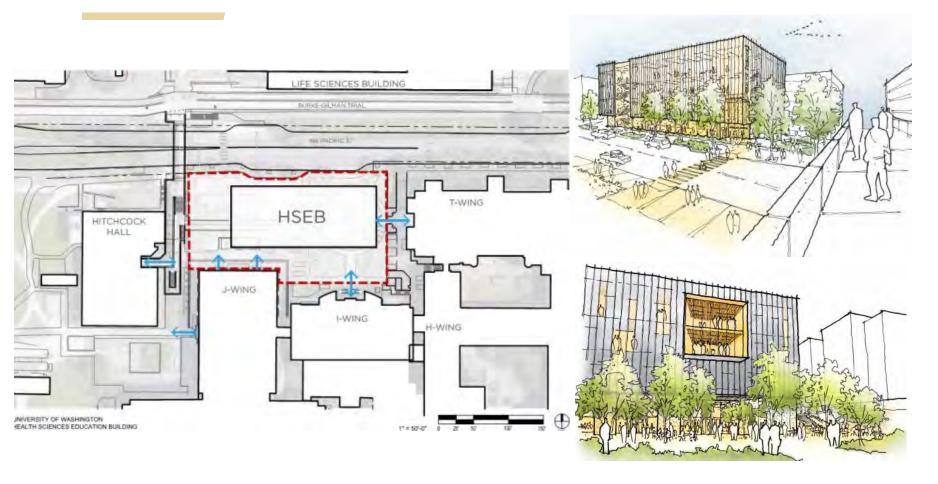


# Bothell Academic STEM Building *and* UW Bothell Student Housing





#### **Health Sciences Education Building**







### **Health and High Performance Center**





**Massing Concept** 





# **ASUW Shellhouse Restoration and Waterfront Improvements**







#### **Business Diversity and Equity**

- Executive Sponsor of the enterprise-wide program which includes all primary business units
- Seek to identify and leverage buying opportunities
- Focus on creating equitable opportunities in all aspects of University business

FY2019 saw \$216M in combined spend to diverse firms which included 80 OMWBE certified firms and nearly 3800 other types of diverse categories firms





#### **Business Diversity and Equity**

#### **Business Equity in consulting and construction**

#### categories of diverse businesses that are captured

**State Certifications** Self-Identification

Minority (small) LGBTQ Women (small) Small

Women (any size)

Federal Hwy Minority (any size)

Minority

Women Northwest Mt Minority Supplier Diversity Council (NWMMSDC)

Disadvantaged (with program) Minority

**Federal (general)** Women Business Enterprise Council (WBEC)

Veteran (& disabled) Women

Small (SBA)

Disadvantaged, general







# **Questions?**

