

PROJECT TITLE: OLD MAIN MEMORIAL HALL ADDITION & RENOVATION - PHASE VIII
 LOCATION: UNIVERSITY OF WISCONSIN SYSTEM
 OPTION NO.: PRE-DESIGN COST ESTIMATE (20X8X, 04/01/2019)

Date Prepared: 11/06/20
 Prepared By: XXX
 Revised By: XXX
 TOTAL PROJECT COST ESTIMATE: \$ 103,455,000

NEW BUILDING AREA

ASF New Const 19,440
 GSF New Const 29,500 65.8983% Efficiency

FNR Index# Month/Year
 Base Date: 6392 11/2020
 Bid Date: 8201 01/2025
 Escalation (Calculated): 1.2830
 Escalation (Manual): 1.2830
 Escalation Delta (Manual - Calculated): 0.0000
 Occupancy Date: 01/2027

REMODELING AREA

GSF Remodeling 51,200
 GSF Total Bldg 88,888 57.6006% Remodeling

NEW CONSTRUCTION BY SPACE TYPE

Space Category	ASF	Eff	GSF	\$/GSF	Category Cost
Entrance/Lobby	1,888	0.7500	2,500	\$ 188.00	\$ 470,000
Classrooms	2,888	0.6000	4,800	\$ 288.00	\$ 1,382,400
Laboratories	3,888	0.5200	7,500	\$ 388.00	\$ 2,910,000
Offices	4,888	0.6700	7,300	\$ 188.00	\$ 1,372,400
Storage	5,888	0.8000	7,400	\$ 188.00	\$ 1,391,200
Function	0	0.0000	0	\$ -	\$ -
Function	0	0.0000	0	\$ -	\$ -
Function	0	0.0000	0	\$ -	\$ -
Function	0	0.0000	0	\$ -	\$ -
	19,440		29,500		Subtotal: \$ 7,526,000

NEW CONSTRUCTION COST SUBTOTAL

\$ 7,526,000

REMODELING BY SPACE TYPE

Space Category	ASF	Eff	GSF	\$/GSF	Category Cost
Classrooms	6,888	0.6000	11,500	\$ 288.00	\$ 3,312,000
Laboratories	7,888	0.5200	15,200	\$ 388.00	\$ 5,897,600
Offices	8,888	0.6700	13,300	\$ 188.00	\$ 2,500,400
Multi-Purpose	9,888	0.8800	11,200	\$ 88.88	\$ 995,500
Function	0	0.0000	0	\$ -	\$ -
Function	0	0.0000	0	\$ -	\$ -
Function	0	0.0000	0	\$ -	\$ -
Function	0	0.0000	0	\$ -	\$ -
Function	0	0.0000	0	\$ -	\$ -
	33,552		51,200		Subtotal: \$ 12,706,000

\$ 12,706,000

REMODELING BY TRADE

Trade Category	Notes	GSF	\$/GSF	DFDM\$/GSF	Trade Cost
General					
-Surface Treatment	Suspended acoustical ceiling panels only, grids stay.	8,888	\$ 2.88	\$ 13.00	\$ 25,600
-Minor	X	0	\$ 45.00	\$ 45.00	\$ -
-Partial	X	8,888	\$ 74.00	\$ 74.00	\$ 657,700
-Complete	X	0	\$ 89.00	\$ 89.00	\$ -
Plumbing					
-Minor	X	0	\$ 15.00	\$ 15.00	\$ -
-Partial	Updated unit cost from local contractor.	8,888	\$ 28.88	\$ 25.00	\$ 256,700
-Complete	X	0	\$ 28.00	\$ 28.00	\$ -
-Special Laboratory Needs	X	0	\$ 53.00	\$ 53.00	\$ -
Heat/Vent/Air Cond					
-Minor	X	0	\$ 19.00	\$ 19.00	\$ -
-Partial	X	0	\$ 41.00	\$ 41.00	\$ -
-Complete	X	88,888	\$ 61.00	\$ 61.00	\$ 5,422,200
Electric					
-Minor	X	0	\$ 16.00	\$ 16.00	\$ -
-Partial	X	0	\$ 27.00	\$ 27.00	\$ -
-Complete	X	88,888	\$ 35.00	\$ 35.00	\$ 3,111,100
					Subtotal: \$ 9,473,000

REMODELING COST SUBTOTAL (cell H63 will highlight red if Remodeling by Space Type and Remodeling by Trade sections are both used)

\$ 9,473,000

NEW CONSTRUCTION & REMODELING COST SUBTOTAL

\$ 29,705,000

\$ 49,089,000

1. Total Construction Cost **\$ 75,190,000**

- NEW CONSTRUCTION & REMODELING COST (from Page 1)		\$	29,705,000	
- DEMOLITION (from Page 2)		\$	1,410,000	
- ADDITIONAL CONSTRUCTION & REMODELING COST (from Page 2)		\$	17,674,000	
- FF&E: CFCI (from Page 2)		\$	300,000	
- CONSTRUCTION & REMODELING COST SUBTOTAL (from Page 2)		\$	49,089,000	
- Design Contingency	8.8888%	\$	49,089,000	\$ 4,363,400
- Overhead & Profit (OH&P)	8.8888%	\$	49,089,000	\$ 4,363,400
- HAZARDOUS MATERIALS ABATEMENT (from Page 2)		\$		789,000
- Unescalated Construction Cost Subtotal		\$		58,604,800
- Escalation Factor (from Page 1)	1.2830	\$	58,604,800	\$ 75,190,000

2. Architect/Engineer Basic Services 9.2446% **\$ 6,951,000**

- Basic Services (Calculated % of Construction \$)	8.8888%		75,190,000	\$ 6,683,500
- Basic Services (Enter Direct \$ for Basic A/E Fees)				\$ -
- Reimbursible costs	4.0000%		6,683,500	\$ 267,300

3. Additional Design Services 3.0203% **\$ 2,271,000**

- Pre-design	1.0888%		75,190,000	\$ 818,700
- LEED™ certification				\$ -
- Commissioning (Level 1 or 2)	1.0888%		75,190,000	\$ 818,700
- EIS/EIA consultant				\$ 68,888
- Construction Testing				\$ 88,888
- Testing & Balancing				\$ 88,888
- HAZARDOUS MATERIALS CONSULTANT				\$ 88,888
- ACOUSTICIAN				\$ 88,888
- GEOTECHNICAL SURVEY				\$ 88,888
- DSPS PLAN REVIEW				\$ 88,888
- Specify Additional Design Service				\$ -
- Furnishings, Fixtures, & Equipment (FF&E) Design Fee	8.8888%	\$	355,600	\$ 31,600

FF&E: OFCI \$ 355,600

Furnishings, Fixtures, & Equipment (FF&E): Owner Furnished, Contractor Installed (OFCI)

- Audio-Visual and Computer Equipment		\$		88,888
- Systems Furniture		\$		88,888
- LABORATORY CASEWORK/WORKSTATIONS (MOBILE)		\$		88,888
- INFORMATION/LIBRARY KIOSKS (MOBILE)		\$		88,888
- Specify FF&E Title(s), Type(s), and Budget Estimate Lump Sum		\$		-
- Specify FF&E Title(s), Type(s), and Budget Estimate Lump Sum		\$		-

4. Project Contingency 8.8888% \$ 75,190,000 \$ 6,683,500 \$ 6,684,000

5. Project Management 4.0000% \$ 81,874,000 \$ 3,275,000 \$ 3,275,000

6. Furnishings, Fixtures, & Equipment (FF&E) 12.0814% **\$ 9,084,000**

- FF&E: OFCI (from #3 above)		\$		355,600
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FF&E: OFOI \$ 8,727,900

Furnishings, Fixtures, & Equipment (FF&E): Owner Furnished, Owner Installed (OFOI)

- Movable & Special Equipment Allowance (% of Construction \$)	8.8888%	\$	75,190,000	\$ 6,683,500
- Audio-Visual and Computer Equipment		\$		888,888
- Systems Furniture		\$		888,888
- WASTE MANAGEMENT/RECYCLING EQUIPMENT		\$		88,888
- LOADING DOCK EQUIPMENT		\$		88,888
- BIKE RACKS, SITE FURNISHINGS, and FLAG POLES		\$		88,888
- Specify Eqpt Title(s), Type(s), & Budget Estimate Lump Sum		\$		-

TOTAL PROJECT BUDGET ESTIMATE \$ 103,455,000

\$ 695 /ASF: Construction Cost (building & site)
 \$ 608 /GSF: Construction Cost (building & site)

 \$ 1,465 /ASF: Total Project Cost
 \$ 1,282 /GSF: Total Project Cost

NOTES:

- X
- X
- X
- X
- X