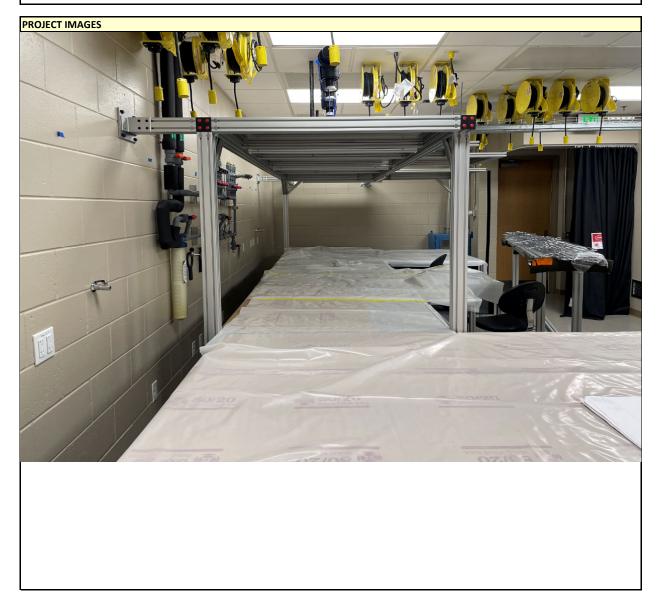


## PROJECT COST SHEET

PROJECT INFORMATION		
PROJECT NAME: PHYSICAL SCIENCES LAB 418 RENOVATION	DATE COMPLETED: JULY 24, 2025	
PROJECT NUMBER: 22121002	PROJECT MANAGER: DAVID EDGAR	
SQUARE FOOTAGE: 543	COST PER SQUARE FOOT: \$1,368.40	

PROJECT DESCRIPTION: LABORATORY 418 AT PHYSICAL SCIENCES RENOVATED TO BE A POSITIVELY PRESSURIZED CLEAN ENVIRONMENT DESIGNED TO MEET ISO 7 (CLASS 100,000) AIR QUALITY STANDARDS, AND TO HOUSE CLASS IV LASER EQUIPMENT. LAB OUTFITTED WITH THE FOLLOWING SAFETY FEATURES INTENDED TO PROTECT THE OCCUPANTS FROM THE RISKS ASSOCIATED WITH THE INSTALLED RESEARCH EQUIPMENT AND MATERIALS: 1) CONTINUOUS VENTILATION WITH LOW WALL RETURN TO PREVENT CRYOGENIC GAS BUILDUP UPON SYSTEM QUENCHING. 2) OXYGEN DEPLETION SENSOR AND ALARM SYSTEM TO PROMPT OCCUPANT EVACUATION UPON CRYOGENIC SYSTEM QUENCHING. 3) LASER IN USE LIGHTING INTERLOCKED WITH LASER FUNCTION LOCATED AT ALL EGRESS POINTS OF LABS 403, 418 AND 421. 4) WARNING STROBE LIGHTING LOCATED AT ALL ACCESS POINTS ALLONG LASER TRANSMISSION PIPING FROM LAB 418 TO LAB 403. 5) EMERGENCY POWER-OFF BUTTONS AT ALL EGRESS DOORS AT LABS 403, 418 AND 421 WHICH DE-ENERGIZE LASER IN THE EVENT OF EMERGENCY. 6) VENTED AND SPRINKLERED GAS CABINETS FOR CHEMICAL STORAGE. 7) LIMITED QUANTITIES OF FLAMMABLE LIQUIDS AND GASES BELOW THE THRESHOLD FOR BEING AN NFPA 45 LABORATORY.





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PROJECT COST	
DESIGN COST	\$ 90,461.00
ARCHITECT / ENGINEER / INTERIOR DESIGN	\$ 90,461.00
CONSTRUCTION COST	\$ 595,192.81
DIVISION 1 - GENERAL REQUIREMENTS (DUMPSTERS, ETC.)	\$ 3,196.00
DIVISION 2 - EXISTING CONDITIONS	\$ 7,239.00
DIVISION 3 - CONCRETE	\$ -
DIVISION 4 - MASONRY	\$ -
DIVISION 5 - METALS	\$ -
DIVISION 6 - WOOD, PLASTICS & COMPOSITES	\$ -
DIVISION 7 - THERMAL & MOISTURE PROTECTION	\$ 829.00
DIVISION 8 - OPENINGS	\$ -
DIVISION 9 - FINISHES	\$ 17,324.00
DIVISION 10 - SPECIALTIES	\$ 7,509.00
DIVISION 11 - EQUIPMENT	\$ 3,001.00
DIVISION 12 - FURNISHINGS	\$ -
DIVISION 13 - SPECIAL CONSTRUCTION	\$ -
DIVISION 14 - CONVEYING EQUIPMENT	\$ -
DIVISION 21 - FIRE SUPRESSION	\$ 10,854.00
DIVISION 22 - PLUMBING	\$ -
DIVISION 23 - HVAC	\$ 274,910.00
DIVISION 26 - ELECTRICAL	\$ 135,702.15
DIVISION 27 - COMMUNICATIONS	\$ -
DIVISION 28 - ELECTRONIC SAFETY & SECURITY	\$ -
DIVISION 31 - EARTHWORK	\$ -
DIVISION 32 - EXTERIOR IMPROVEMENT	\$ -
DIVISION 33 - UTILITIES	\$ -
COMMISSIONING	\$ 12,920.81
GENERAL LIABILITY	\$ 5,244.90
GENERAL CONDITIONS (STAFFING, ETC.)	\$ 62,375.33
CONTRACTOR'S FEE (OVERHEAD & PROFIT)	\$ 37,082.97
PAYMENT & PERFORMANCE BOND (NOT REQ'D IF UNDER \$100K)	\$ 17,004.65
INFORMATION TECHNOLOGIES & RESOURCES COST	\$ 565.15
UCF IT	\$ 565.15
OFFICE OF INSTRUCTIONAL RESOURCES (OIR)	\$ -
FBO AND PERMITTING COST	\$ 56,820.87
BUILDING CODE OFFICE	\$ 8,943.00
STATE FIRE MARSHALL	\$ 1,405.38
PROJECT MANAGEMENT FEES	\$ 45,000.00
FACILITIES OPERATIONS ALLOWANCE	\$ 1,472.49
CONSTRUCTION CONTINGENCY (10%, REFUNDED IF NOT USED)	\$ -
TOTAL PROJECT COST	\$ 743,039.83

PROJECT TIME				
	PROJECT SUBMITTED BY CLIENT			
L	SPAA, F&S REVIEW	2.25 MONTHS		
START	PM ASSIGNED			
S	PM CONTACTS REQUESTER			
	PM DEVELOPS SCOPE			
	A/E SELECTED			
	A/E PROPOSAL REVIEW			
	MPP TO CLIENT			
z	CLIENT APPROVAL AND FUNDING			
DESIGN	REQUISITION GENERATED	20.5 MONTHS		
□	PO ISSUED (NOTICE TO PROCEED)			
	A/E DESIGN			
	WORKSHOPS			
	PERMIT REVIEWS			
	S/S PERMIT DRAWINGS RECV'D			
	PERMIT SUBMISSION			
	BUILDING CODE OFFICE REVIEW			
	STATE FIRE MARSHALL REVIEW			
_	CONTRACTOR WALK-THROUGH	2.5 MONTHS		
Σ	CONTRACTOR BID			
3ID/PERMI	PM REVIEWS BID			
BID,	AVP F&S APPROVAL OF BID			
	PM PREPARES MPP			
	MPP TO CLIENT			
	CLIENT APPROVAL AND FUNDING			
	REQUISITION GENERATED			
	PO ISSUED (NOTICE TO PROCEED)			
	CONSTRUCTION STARTS			
_	RFIS, SUBMITTALS, DOCUMENTS	13.75 MONTHS		
CONSTRUCTION	PROGRESS REVIEWS			
COC	PAYMENT APPLICATIONS, INVOICES			
ISTR	INSPECTIONS			
00	CERTIFICATE OF COMPLETION			
	CERTIFICATE OF OCCUPANCY			
	BENEFICIAL OCCUPANCY BY CLIENT			
	PUNCH LIST COMPLETION			
150	FINAL INVOICES	7.5 MONTHS		
CLOSE-OUT	OWNER'S MANUALS			
CLO	ASSET TURNOVER TO OPERATIONS			
	ACCOUNTING CLOSE-OUT			
TOTAL PROJECT TIME - 3 YEARS, 10.5 MONTHS				