



PROJECT INFORMATION	
PROJECT NAME: RESEARCH 1 ROOM 274 INSTALL NEW FUME HOODS	DATE COMPLETED: OCTOBER 29, 2025
PROJECT NUMBER: 22120004	PROJECT MANAGER: DJ THOMAS
PROJECT DESCRIPTION: (4) NEW FUME HOODS INSTALLED IN ROOM 174 AT RESEARCH 1. EACH FUME HOOD EQUIPPED WITH A DEDICATED EXHAUST AIR VALVE TIED INTO THE EXISTING LAB EXHAUST SYSTEM. THE CONTROL SYSTEM WAS MODIFIED TO INCORPORATE THE NEW VARIABLE VOLUME AIR VALVES. EACH FUME HOOD SUPPORTED BY COMMON UTILITIES INCLUDING ELECTRIC, DE-IONIZED WATER, COMPRESSED AIR, VACUUM AND ACID WASTE. EXISTING ELECTRICAL FLOOR BOXES REMOVED AND SEALED. LIGHTING, PLUMBING AND FIRE PROTECTION SYSTEMS MODIFIED TO ACCOMMODATE THE LOCATIONS OF THE NEW FUME HOODS AND LAB FURNITURE. EMERGENCY POWER PROVIDED TO MAINTAIN AND SUPPORT PRE-DETERMINED LAB FUNCTIONS AND EQUIPMENT IN THE EVENT OF NORMAL POWER LOSS. EXISTING HOT WATER REHEAT COIL, HOT WATER SUPPLY, AND RETURN PIPING REMOVED. FLOORING UPGRADED TO A SEAMLESS EPOXY FLOORING. EXISTING LIGHTS RELOCATED TO SUPPORT NEW WORK. SANITARY WASTE PLUMBING ADJUSTED AND RE-ROUTED TO CONCEAL PLUMBING WITHIN NEW WALLS. DATA CABLING PROVIDED BY UCFIT. COMMISSIONING SERVICES PERFORMED. ACCESS CONTROL CARD READER INSTALLED ON ENTRANCE DOOR TO LAB.	

PROJECT IMAGES




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PROJECT COST	
<b>DESIGN COST</b>	<b>\$ 38,527.00</b>
ARCHITECT / ENGINEER / INTERIOR DESIGN	\$ 38,527.00
<b>CONSTRUCTION COST</b>	<b>\$ 429,070.21</b>
DIVISION 1 - GENERAL REQUIREMENTS (DUMPSTERS, ETC.)	\$ 1,350.00
DIVISION 2 - EXISTING CONDITIONS	\$ -
DIVISION 3 - CONCRETE	\$ -
DIVISION 4 - MASONRY	\$ -
DIVISION 5 - METALS	\$ -
DIVISION 6 - WOOD, PLASTICS & COMPOSITES	\$ -
DIVISION 7 - THERMAL & MOISTURE PROTECTION	\$ -
DIVISION 8 - OPENINGS	\$ -
DIVISION 9 - FINISHES	\$ 16,191.00
DIVISION 10 - SPECIALTIES	\$ -
DIVISION 11 - EQUIPMENT	\$ -
DIVISION 12 - FURNISHINGS	\$ -
DIVISION 13 - SPECIAL CONSTRUCTION	\$ -
DIVISION 14 - CONVEYING EQUIPMENT	\$ -
DIVISION 21 - FIRE SUPPRESSION	\$ 6,000.00
DIVISION 22 - PLUMBING	\$ 52,177.00
DIVISION 23 - HVAC	\$ 258,565.00
DIVISION 26 - ELECTRICAL	\$ 10,288.00
DIVISION 27 - COMMUNICATIONS	\$ -
DIVISION 28 - ELECTRONIC SAFETY & SECURITY	\$ 6,236.70
DIVISION 31 - EARTHWORK	\$ -
DIVISION 32 - EXTERIOR IMPROVEMENT	\$ -
DIVISION 33 - UTILITIES	\$ -
COMMISSIONING	\$ 11,560.00
GENERAL LIABILITY	\$ 5,351.60
GENERAL CONDITIONS (STAFFING, ETC.)	\$ 17,182.50
CONTRACTOR'S FEE (OVERHEAD & PROFIT)	\$ 32,334.62
PAYMENT & PERFORMANCE BOND (NOT REQ'D IF UNDER \$100K)	\$ 11,833.79
<b>INFORMATION TECHNOLOGIES &amp; RESOURCES COST</b>	<b>\$ 650.85</b>
UCF IT	\$ 650.85
OFFICE OF INSTRUCTIONAL RESOURCES (OIR)	\$ -
<b>FBO AND PERMITTING COST</b>	<b>\$ 52,199.75</b>
BUILDING CODE OFFICE	\$ 6,387.00
STATE FIRE MARSHALL	\$ 1,015.73
PROJECT MANAGEMENT FEES	\$ 44,371.66
FACILITIES OPERATIONS ALLOWANCE	\$ 425.36
CONSTRUCTION CONTINGENCY (10%, REFUNDED IF NOT USED)	\$ -
<b>TOTAL PROJECT COST</b>	<b>\$ 520,447.81</b>

PROJECT TIME		
START	PROJECT SUBMITTED BY CLIENT	5.5 MONTHS
	SPAA, F&S REVIEW	
	PM ASSIGNED	
	PM CONTACTS REQUESTER	
	PM DEVELOPS SCOPE	
DESIGN	A/E SELECTED	9.75 MONTHS
	A/E PROPOSAL REVIEW	
	MPP TO CLIENT	
	CLIENT APPROVAL AND FUNDING	
	REQUISITION GENERATED	
	PO ISSUED (NOTICE TO PROCEED)	
	A/E DESIGN	
	WORKSHOPS	
BID/PERMIT	PERMIT REVIEWS	7.5 MONTHS
	S/S PERMIT DRAWINGS RECV'D	
	PERMIT SUBMISSION	
	BUILDING CODE OFFICE REVIEW	
	STATE FIRE MARSHALL REVIEW	
	CONTRACTOR WALK-THROUGH	
	CONTRACTOR BID	
	PM REVIEWS 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	CONSTRUCTION STARTS	14.5 MONTHS
	RFIS, SUBMITTALS, DOCUMENTS	
	PROGRESS REVIEWS	
	PAYMENT APPLICATIONS, INVOICES	
	INSPECTIONS	
	CERTIFICATE OF COMPLETION	
	CERTIFICATE OF OCCUPANCY	
	BENEFICIAL OCCUPANCY BY CLIENT	
CLOSE-OUT	PUNCH LIST COMPLETION	4.25 MONTHS
	FINAL INVOICES	
	OWNER'S MANUALS	
	ASSET TURNOVER TO OPERATIONS	
	ACCOUNTING CLOSE-OUT	
TOTAL PROJECT TIME - 3 YEARS, 5.5 MONTHS		