



PROJECT INFORMATION

PROJECT NAME: PHYSICAL SCIENCES ELECTRICAL & PLUMBING
UPGRADES CRYOSTAT LABS 109 & 403

DATE COMPLETED: APRIL 15, 2022

PROJECT NUMBER: 21121002

PROJECT MANAGER: DAVID EDGAR

SQUARE FOOTAGE: NA

COST PER SQUARE FOOT: NA

PROJECT DESCRIPTION: PROVIDE POWER UPGRADES AND CONNECTIONS FOR TWO COMPRESSORS IN CRYOSTAT LABS 109 & 403 IN THE PHYSICAL SCIENCES BUILDING. PROJECT REQUIRED HEAT LOAD STUDY, AND ALSO INCLUDED PLUMBING UPGRADES IN LAB 403, SUCH AS THE REWORKING OF EXISTING DI WATER VALVES, AND THE INSTALLATION OF A MANIFOLD, AN ISOLATION BALL VALVE, AND A FLOW CONTROL VALVE. EXTENDED PROJECT TIME WAS DUE TO PLUMBING SCOPE BEING ADDED AFTER THE ELECTRICAL WORK WAS COMPLETED.

PROJECT IMAGES





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PROJECT COST	
DESIGN COST	\$ -
ARCHITECT / ENGINEER / INTERIOR DESIGN	\$ -
CONSTRUCTION COST	\$ 13,270.00
DIVISION 1 - GENERAL REQUIREMENTS (DUMPSTERS, ETC.)	\$ -
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	\$ -
DIVISION 10 - SPECIALTIES	\$ -
DIVISION 11 - EQUIPMENT	\$ -
DIVISION 12 - FURNISHINGS	\$ -
DIVISION 13 - SPECIAL CONSTRUCTION	\$ -
DIVISION 14 - CONVEYING EQUIPMENT	\$ -
DIVISION 21 - FIRE SUPPRESSION	\$ -
DIVISION 22 - PLUMBING	\$ 2,980.00
DIVISION 23 - HVAC	\$ -
DIVISION 26 - ELECTRICAL	\$ 10,290.00
DIVISION 27 - COMMUNICATIONS	\$ -
DIVISION 28 - ELECTRONIC SAFETY & SECURITY	\$ -
DIVISION 31 - EARTHWORK	\$ -
DIVISION 32 - EXTERIOR IMPROVEMENT	\$ -
DIVISION 33 - UTILITIES	\$ -
COMMISSIONING	\$ -
GENERAL LIABILITY	\$ -
GENERAL CONDITIONS (STAFFING, ETC.)	\$ -
CONTRACTOR'S FEE (OVERHEAD & PROFIT)	\$ -
PAYMENT & PERFORMANCE BOND (NOT REQ'D IF UNDER \$100K)	\$ -
INFORMATION TECHNOLOGIES & RESOURCES COST	\$ -
UCF IT	\$ -
OFFICE OF INSTRUCTIONAL RESOURCES (OIR)	\$ -
FACILITIES & SAFETY COST	\$ 768.60
BUILDING CODE OFFICE	\$ 348.00
STATE FIRE MARSHALL	\$ -
FP&C PROFESSIONAL MANAGEMENT SERVICES	\$ 420.60
FACILITIES OPERATIONS ALLOWANCE	\$ -
CONSTRUCTION CONTINGENCY (10%, REFUNDED IF NOT USED)	\$ -
TOTAL PROJECT COST	\$ 14,038.60

PROJECT TIME		
START	PROJECT SUBMITTED BY CLIENT	4.75 MONTHS
	SPAA, F&S REVIEW	
	PM ASSIGNED	
	PM CONTACTS REQUESTER	
	PM DEVELOPS SCOPE	
DESIGN	A/E SELECTED	NA
	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	11.75 MONTHS
	S/S PERMIT DRAWINGS REC'V'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	
CONSTRUCTION	MPP TO CLIENT	1.75 MONTHS
	CLIENT APPROVAL AND FUNDING	
	REQUISITION GENERATED	
	PO ISSUED (NOTICE TO PROCEED)	
	CONSTRUCTION STARTS	
	RFIS, SUBMITTALS, DOCUMENTS	
	PROGRESS REVIEWS	
	PAYMENT APPLICATIONS, INVOICES	
CLOSE-OUT	INSPECTIONS	3 MONTHS
	CERTIFICATE OF COMPLETION	
	CERTIFICATE OF OCCUPANCY	
	BENEFICIAL OCCUPANCY BY CLIENT	
	PUNCH LIST COMPLETION	
	FINAL INVOICES	
	OWNER'S MANUALS	
ASSET TURNOVER TO OPERATIONS		
ACCOUNTING CLOSE-OUT		
TOTAL PROJECT TIME - 21.25 MONTHS		