



PROJECT INFORMATION	
PROJECT NAME: LIBRARY PENTHOUSE AHU REFURBISHMENT	DATE COMPLETED: JUNE 7, 2023
PROJECT NUMBER: 22002004	PROJECT MANAGER: JAY MALCOLM
PROJECT DESCRIPTION: REPLACE 4 AHUs IN THE LIBRARY PENTHOUSE. INCLUDED THE INSTALLATION OF 3 VFDs, 2 COOLING COILS, 2 HEATING COILS, 2 FILTER BANK RACKS, NEW BAS CONTROLS, AND REVISIONS TO LOUVERS, DAMPERS, EXHAUST FANS, AND BUILDING PRESSURE RELIEF. FLOOR DRAINS AND ASSOCIATED SANITARY PIPING REPLACED, ELECTRICAL UPGRADED, UV-C LIGHTS MOVED AND REWORKED. ALSO INCLUDED ASBESTOS ABATEMENT, COMMISSIONING, AND TEST & BALANCING.	

**PROJECT IMAGES**





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PROJECT COST	
<b>DESIGN COST</b>	<b>\$ 141,800.00</b>
ARCHITECT / ENGINEER / INTERIOR DESIGN	\$ 141,800.00
<b>CONSTRUCTION COST</b>	<b>\$ 1,327,380.08</b>
DIVISION 1 - GENERAL REQUIREMENTS (DUMPSTERS, ETC.)	\$ 16,893.77
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	\$ -
DIVISION 23 - HVAC	\$ 1,275,877.09
DIVISION 26 - ELECTRICAL	\$ -
DIVISION 27 - COMMUNICATIONS	\$ -
DIVISION 28 - ELECTRONIC SAFETY & SECURITY	\$ -
DIVISION 31 - EARTHWORK	\$ -
DIVISION 32 - EXTERIOR IMPROVEMENT	\$ -
DIVISION 33 - UTILITIES	\$ -
COMMISSIONING	\$ 34,609.22
GENERAL LIABILITY	\$ -
GENERAL CONDITIONS (STAFFING, ETC.)	\$ -
CONTRACTOR'S FEE (OVERHEAD & PROFIT)	\$ -
PAYMENT & PERFORMANCE BOND (NOT REQ'D IF UNDER \$100K)	\$ -
<b>INFORMATION TECHNOLOGIES &amp; RESOURCES COST</b>	<b>\$ -</b>
UCF IT	\$ -
OFFICE OF INSTRUCTIONAL RESOURCES (OIR)	\$ -
<b>FACILITIES &amp; SAFETY COST</b>	<b>\$ 97,018.91</b>
BUILDING CODE OFFICE	\$ 17,537.00
STATE FIRE MARSHALL	\$ 3,903.62
FP&C PROFESSIONAL MANAGEMENT SERVICES	\$ 75,000.00
FACILITIES OPERATIONS ALLOWANCE	\$ 578.29
CONSTRUCTION CONTINGENCY (10%, REFUNDED IF NOT USED)	\$ -
<b>TOTAL PROJECT COST</b>	<b>\$ 1,566,198.99</b>

PROJECT TIME		
START	PROJECT SUBMITTED BY CLIENT	1 MONTH
	SPAA, F&S REVIEW	
	PM ASSIGNED	
	PM CONTACTS REQUESTER	
	PM DEVELOPS SCOPE	
DESIGN	A/E SELECTED	5.25 MONTHS
	A/E PROPOSAL REVIEW	
	MPP TO CLIENT	
	CLIENT APPROVAL AND FUNDING	
	REQUISITION GENERATED	
	PO ISSUED (NOTICE TO PROCEED)	
	A/E DESIGN	
WORKSHOPS		
PERMIT REVIEWS		
BID/PERMIT	S/S PERMIT DRAWINGS REC'D	4.75 MONTHS
	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	2.5 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	1.5 MONTHS
	FINAL INVOICES	
	OWNER'S MANUALS	
	ASSET TURNOVER TO OPERATIONS	
	ACCOUNTING CLOSE-OUT	
<b>TOTAL PROJECT TIME - 15 MONTHS</b>		