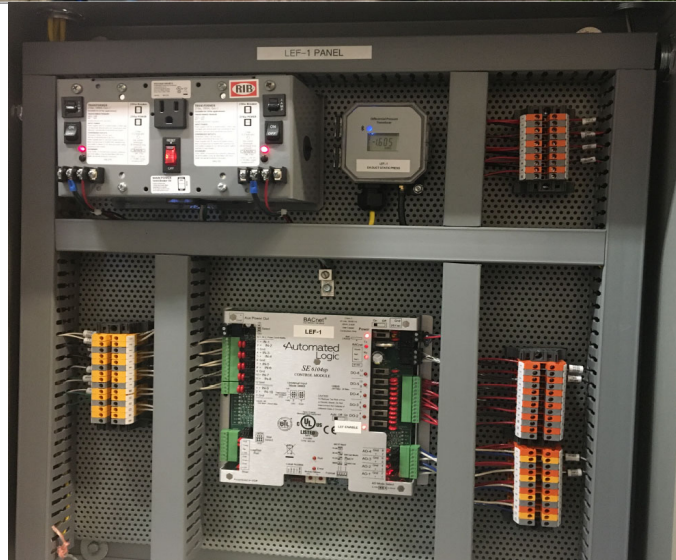




PROJECT INFORMATION	
PROJECT NAME: AMPAC RESEARCH FACILITY DX UNIT & BAS CONTROLS REPLACEMENT	DATE COMPLETED: MARCH 28, 2022
PROJECT NUMBER: 19152001	PROJECT MANAGER: EVAN SHICK
SQUARE FOOTAGE: 7,432	COST PER SQUARE FOOT: \$78.17
PROJECT DESCRIPTION: REPLACE BAS CONTROLS AND INSTALL SPLIT DX AIR HANDLING UNIT. REQUIRED DESIGN BY A/E AND INCLUDED THE INSTALLATION OF EXHAUST FANS, EXHAUST VALVES, AIR VALVES, DIGITAL CONTROLS FOR HVAC EQUIPMENT, BACNET INTEGRATION, ONE UPS PER CONTROL PANEL, AND OUTSIDE AIR WEATHER SENSORS. TEST AND BALANCE AND COMMISSIONING SERVICES WERE REQUIRED, AS WELL AS POWER SHUTDOWNS AND SIDEWALK CLOSURES, REMOVAL AND REPLACEMENT OF DUCTWORK/SYSTEMS/COMPONENTS, AND PATCHING AND PAINTING AS NEEDED. PROJECT CLOSEOUT TIME WAS EXTENDED DUE TO OUTSTANDING PUNCLIST ITEMS AND CONTRACTOR SUBMISSION DELAYS.	

### PROJECT IMAGES





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PROJECT COST	
<b>DESIGN COST</b>	<b>\$ 78,263.14</b>
ARCHITECT / ENGINEER / INTERIOR DESIGN	\$ 78,263.14
<b>CONSTRUCTION COST</b>	<b>\$ 460,482.80</b>
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	\$ -
DIVISION 23 - HVAC	\$ 421,487.80
DIVISION 26 - ELECTRICAL	\$ -
DIVISION 27 - COMMUNICATIONS	\$ -
DIVISION 28 - ELECTRONIC SAFETY & SECURITY	\$ -
DIVISION 31 - EARTHWORK	\$ -
DIVISION 32 - EXTERIOR IMPROVEMENT	\$ -
DIVISION 33 - UTILITIES	\$ -
COMMISSIONING	\$ 38,995.00
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>\$ 42,237.56</b>
BUILDING CODE OFFICE	\$ 4,788.00
STATE FIRE MARSHALL	\$ 584.41
FP&C PROFESSIONAL MANAGEMENT SERVICES	\$ 36,577.45
FACILITIES OPERATIONS ALLOWANCE	\$ 287.70
CONSTRUCTION CONTINGENCY (10%, REFUNDED IF NOT USED)	\$ -
<b>TOTAL PROJECT COST</b>	<b>\$ 580,983.50</b>

PROJECT TIME		
START	PROJECT SUBMITTED BY CLIENT	5.25 MONTHS
	SPAA, F&S REVIEW	
	PM ASSIGNED	
	PM CONTACTS REQUESTER	
	PM DEVELOPS SCOPE	
DESIGN	A/E SELECTED	2.25 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	8.5 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	7.5 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	10.25 MONTHS
	CERTIFICATE OF COMPLETION	
	CERTIFICATE OF OCCUPANCY	
	BENEFICIAL OCCUPANCY BY CLIENT	
	PUNCH LIST COMPLETION	
	FINAL INVOICES	
OWNER'S MANUALS	10.25 MONTHS	
ASSET TURNOVER TO OPERATIONS		
ACCOUNTING CLOSE-OUT		
<b>TOTAL PROJECT TIME - 33.75 MONTHS</b>		