



PROJECT INFORMATION	
PROJECT NAME: TECH COMMONS II ROOM 221A DATA MINING LAB UPGRADE	DATE COMPLETED: MARCH 17, 2022
PROJECT NUMBER: 20029002	PROJECT MANAGER: MARIA YEBRA-TEIMOURI
SQUARE FOOTAGE: NA	COST PER SQUARE FOOT: NA
PROJECT DESCRIPTION: UPGRADE MECHANICAL AND POWER REQUIREMENTS TO ACCOMMODATE DATA MINING LAB IN ROOM 221A AT TECH COMMONS II. SURVEY OF EXISTING CONDITIONS WAS CONDUCTED, INCLUDING A HEAT LOAD STUDY. ONE NEW VAV TERMINAL UNIT WAS INSTALLED, AS WELL AS A NEW AIR DEVICE IN CEILING. DUCTWORK WAS RECONFIGURED, AND CONTROLS SYSTEMS UPDATED. ADDITIONAL ELECTRICAL POWER WAS PROVIDED, INCLUDING THE INSTALLTION OF A NEW PANEL, AND THE CONVERSION OF DUPLEX RECEPTACLES TO QUAD. INCLUDED THE INSTALLATION OF 70 SQUARE FEET OF TILE WHERE NEW EQUIPMENT WAS INSTALLED. REQUIRED TEST AND BALANCE AND COMMISSIONING SERVICES, AS WELL AS COLLABORATION WITH UCF'S UTILITIES AND ENERGY SERVICES.	

### PROJECT IMAGES





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PROJECT COST	
<b>DESIGN COST</b>	<b>\$ 12,000.00</b>
ARCHITECT / ENGINEER / INTERIOR DESIGN	\$ 12,000.00
<b>CONSTRUCTION COST</b>	<b>\$ 46,886.25</b>
DIVISION 1 - GENERAL REQUIREMENTS (DUMPSTERS, ETC.)	\$ 500.00
DIVISION 2 - EXISTING CONDITIONS	\$ 460.00
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	\$ 8,500.00
DIVISION 26 - ELECTRICAL	\$ 21,915.00
DIVISION 27 - COMMUNICATIONS	\$ -
DIVISION 28 - ELECTRONIC SAFETY & SECURITY	\$ -
DIVISION 31 - EARTHWORK	\$ -
DIVISION 32 - EXTERIOR IMPROVEMENT	\$ -
DIVISION 33 - UTILITIES	\$ -
COMMISSIONING	\$ 7,930.00
GENERAL LIABILITY	\$ 500.00
GENERAL CONDITIONS (STAFFING, ETC.)	\$ 3,281.25
CONTRACTOR'S FEE (OVERHEAD & PROFIT)	\$ 3,800.00
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>\$ 5,435.38</b>
BUILDING CODE OFFICE	\$ 1,246.00
STATE FIRE MARSHALL	\$ -
FP&C PROFESSIONAL MANAGEMENT SERVICES	\$ 2,443.18
FACILITIES OPERATIONS ALLOWANCE	\$ 1,746.20
CONSTRUCTION CONTINGENCY (10%, REFUNDED IF NOT USED)	\$ -
<b>TOTAL PROJECT COST</b>	<b>\$ 64,321.63</b>

PROJECT TIME		
START	PROJECT SUBMITTED BY CLIENT	1.75 MONTHS
	SPAA, F&S REVIEW	
	PM ASSIGNED	
	PM CONTACTS REQUESTER	
	PM DEVELOPS SCOPE	
DESIGN	A/E SELECTED	6.5 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	2.75 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	3.5 MONTHS
	CLIENT APPROVAL AND FUNDING	
	REQUISITION GENERATED	
	PO ISSUED (NOTICE TO PROCEED)	
	CONSTRUCTION STARTS	
	RFIS, SUBMITTALS, DOCUMENTS	
	PROGRESS REVIEWS	
CLOSE-OUT	PAYMENT APPLICATIONS, INVOICES	4.5 MONTHS
	INSPECTIONS	
	CERTIFICATE OF COMPLETION	
	CERTIFICATE OF OCCUPANCY	
TOTAL PROJECT TIME	BENEFICIAL OCCUPANCY BY CLIENT	19 MONTHS
	PUNCH LIST COMPLETION	
	FINAL INVOICES	
	OWNER'S MANUALS	
	ASSET TURNOVER TO OPERATIONS	
ACCOUNTING CLOSE-OUT		
<b>TOTAL PROJECT TIME - 19 MONTHS</b>		