

PROJECT COST

PROJECT INFORMATION		
PROJECT NAME: RESEARCH 1 LAB 160 MICROGRID TEST BED	DATE COMPLETED: DECEMBER 2, 2022	
PROJECT NUMBER: 22120001	PROJECT MANAGER: MARIA YEBRA-TEIMOURI	

PROJECT DESCRIPTION: ELECTRICAL INFRASTRUCTURE UPGRADES TO LAB 160 AT RESEARCH 1 FOR THE PURPOSE OF TESTING AND RESEARCHING ELECTRICAL POWER AND GENERATION CHARACTERISTICS; THE TESTING MIMICS LARGE SCALE UTILITY POWER. PROJECT REQUIRED DESIGN BY AN AE, A FIELD SURVEY, AND HEAT LOAD CALCULATIONS. INCLUDED THE INSTALLATION OF 4 208V/3-PHASE CEILING-MOUNTED OUTLETS, AND 4 480V/3-PHASE PIN-AND-SLEEVE OUTLETS ON EAST WALL, WHICH SERVE AS A POWER SUPPLY TO A STANDING RACK THAT HOUSES 4 MICROGRID TEST BEDS.





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PROJECT COST	
DESIGN COST	\$ 9,745.00
ARCHITECT / ENGINEER / INTERIOR DESIGN	\$ 9,745.00
CONSTRUCTION COST	\$ 17,311.00
DIVISION 1 - GENERAL REQUIREMENTS (DUMPSTERS, ETC.)	\$ 161.00
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	\$ 561.00
DIVISION 10 - SPECIALTIES	\$ -
DIVISION 11 - EQUIPMENT	\$ -
DIVISION 12 - FURNISHINGS	\$ -
DIVISION 13 - SPECIAL CONSTRUCTION	\$ -
DIVISION 14 - CONVEYING EQUIPMENT	\$ -
DIVISION 21 - FIRE SUPRESSION	\$ -
DIVISION 22 - PLUMBING	\$ -
DIVISION 23 - HVAC	\$ -
DIVISION 26 - ELECTRICAL	\$ 13,058.00
DIVISION 27 - COMMUNICATIONS	\$ -
DIVISION 28 - ELECTRONIC SAFETY & SECURITY	\$ -
DIVISION 31 - EARTHWORK	\$ -
DIVISION 32 - EXTERIOR IMPROVEMENT	\$ -
DIVISION 33 - UTILITIES	\$ -
COMMISSIONING	\$ -
GENERAL LIABILITY	\$ 153.00
GENERAL CONDITIONS (STAFFING, ETC.)	\$ 1,523.00
CONTRACTOR'S FEE (OVERHEAD & PROFIT)	\$ 1,855.00
PAYMENT & PERFORMANCE BOND (NOT REQ'D IF UNDER \$100K)	\$ -
INFORMATION TECHNOLOGIES & RESOURCES COST	\$ -
UCF IT	\$ -
OFFICE OF INSTRUCTIONAL RESOURCES (OIR)	\$ -
FACILITIES & SAFETY COST	\$ 4,697.57
BUILDING CODE OFFICE	\$ 342.00
STATE FIRE MARSHALL	\$ -
FP&C PROFESSIONAL MANAGEMENT SERVICES	\$ 4,355.57
FACILITIES OPERATIONS ALLOWANCE	\$ -
CONSTRUCTION CONTINGENCY (10%, REFUNDED IF NOT USED)	\$ -
TOTAL PROJECT COST	\$ 31,753.57

	PROJECT SUBMITTED BY CLIENT		
	SPAA, F&S REVIEW	2.25 MONTHS	
٩RT	PM ASSIGNED		
STAR	PM CONTACTS REQUESTER		
	PM DEVELOPS SCOPE		
	A/E SELECTED		
IGN	A/E PROPOSAL REVIEW	2 25 MONTHS	
	MPP TO CLIENT		
	CLIENT APPROVAL AND FUNDING		
	REQUISITION GENERATED		
DESIG		3.25 MONTHS	
	PO ISSUED (NOTICE TO PROCEED)		
	A/E DESIGN		
	WORKSHOPS PERMIT REVIEWS		
	-		
	S/S PERMIT DRAWINGS RECV'D		
	PERMIT SUBMISSION		
	BUILDING CODE OFFICE REVIEW		
	STATE FIRE MARSHALL REVIEW	1.25 MONTHS	
3ID/PERMIT	CONTRACTOR WALK-THROUGH		
	CONTRACTOR BID		
D/PI	PM REVIEWS BID		
B	AVP F&S APPROVAL OF BID		
	PM PREPARES MPP		
	MPP TO CLIENT		
	CLIENT APPROVAL AND FUNDING		
	REQUISITION GENERATED		
	PO ISSUED (NOTICE TO PROCEED)		
	CONSTRUCTION STARTS		
z	RFIS, SUBMITTALS, DOCUMENTS		
E.	PROGRESS REVIEWS		
RU	PAYMENT APPLICATIONS, INVOICES	7.25 MONTHS	
NST	INSPECTIONS		
0	CERTIFICATE OF COMPLETION		
	CERTIFICATE OF OCCUPANCY		
	BENEFICIAL OCCUPANCY BY CLIENT		
F	PUNCH LIST COMPLETION	1.5 MONTHS	
-00	FINAL INVOICES		
CLOSE-	OWNER'S MANUALS		
	ASSET TURNOVER TO OPERATIONS		
	ACCOUNTING CLOSE-OUT		