



PROJECT INFORMATION

PROJECT NAME: ROSEN CHILLED WATER PIPE REPAIR	DATE COMPLETED: JULY 12, 2024
PROJECT NUMBER: 21903002	PROJECT MANAGER: GEORGE HAYNER

PROJECT DESCRIPTION: REPLACE CHILLED WATER PIPING HOUSED WITHIN THE (10) ROOFTOP AHUs AT THE ROSEN COLLEGE OF HOSPITALITY. NEW PIPING ON THE ROOF INSTALLED FROM THE POINT OF CONNECTION UNDERGROUND TO EACH AIR HANDLING UNIT. PIPING WAS ROOF MOUNTED WITH PIPE SUPPORTS. NEW SHUT OFF VALVES, CONTROL VALVES, STRAINERS, AND CIRCUIT SETTERS PROVIDED AT EACH AHU. NEW PIPING PROVIDED WITH FOAMGLASS INSULATION WITH ALUMINUM JACKETS. CHILLED WATER PLANT PIPING AND PUMPS REPLACED. NEW SEALANT AND COATING APPLIED. PROJECT REQUIRED DESIGN BY A MECHANICAL ENGINEER, AS WELL AS COMMISSIONING, AND TEST & BALANCING SERVICES. THE DESIGN PHASE OF THE PROJECT WAS EXTENDED DUE TO THE NEED FOR MULTIPLE DRAWING ITERATIONS IN ORDER TO DEVELOP THE APPROPRIATE SCOPE TO MATCH THE AVAILABLE BUDGET.

PROJECT IMAGES





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PROJECT COST	
DESIGN COST	\$ 105,015.00
ARCHITECT / ENGINEER / INTERIOR DESIGN	\$ 105,015.00
CONSTRUCTION COST	\$ 291,196.55
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	\$ 274,549.70
DIVISION 26 - ELECTRICAL	\$ -
DIVISION 27 - COMMUNICATIONS	\$ -
DIVISION 28 - ELECTRONIC SAFETY & SECURITY	\$ -
DIVISION 31 - EARTHWORK	\$ -
DIVISION 32 - EXTERIOR IMPROVEMENT	\$ -
DIVISION 33 - UTILITIES	\$ -
COMMISSIONING	\$ 16,646.85
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)	\$ -
FBO AND PERMITTING COST	\$ 46,507.42
BUILDING CODE OFFICE	\$ 5,049.00
STATE FIRE MARSHALL	\$ -
PROJECT MANAGEMENT FEES	\$ 39,617.14
FACILITIES OPERATIONS ALLOWANCE	\$ 1,841.28
CONSTRUCTION CONTINGENCY (10%, REFUNDED IF NOT USED)	\$ -
TOTAL PROJECT COST	\$ 442,718.97

PROJECT TIME		
START	PROJECT SUBMITTED BY CLIENT	4.5 MONTHS
	SPAA, F&S REVIEW	
	PM ASSIGNED	
	PM CONTACTS REQUESTER	
	PM DEVELOPS SCOPE	
DESIGN	A/E SELECTED	22.75 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	10.25 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	3 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	2.75 MONTHS
	FINAL INVOICES	
	OWNER'S MANUALS	
	ASSET TURNOVER TO OPERATIONS	
	ACCOUNTING CLOSE-OUT	
TOTAL PROJECT TIME - 3 YEARS, 7.25 MONTHS		