



PROJECT INFORMATION

PROJECT NAME: RESEARCH 1 X-RAY SYSTEM INSTALLATION

DATE COMPLETED: JULY 3, 2025

PROJECT NUMBER: 25120002

PROJECT MANAGER: DJ THOMAS

PROJECT DESCRIPTION: UTILITY CONNECTIONS PROVIDED TO ACCOMMODATE THE INSTALLATION OF AN OWNER-PURCHASED X-RAY SYSTEM. HVAC STUDY PERFORMED TO VERIFY HEATING AND COOLING LOADS. (1) NEW ELECTRICAL CIRCUIT ADDED. NEW CONDUIT SURFACE MOUNTED FROM CEILING TO NEW DISCONNECT IN ROOM 117. CONDUIT FROM EXISTING PANEL TO CEILING IN ROOM 122 CONCEALED WITHIN THE WALL. EXISTING COOLANT LINE CONVERTED TO 3/8". (2) 3/8" INSULATED FLEX HOSES INSTALLED FROM THE X-RAY MACHINE TO THE EXISTING 3/4" PROCESSED CHILLED WATER CONNECTION MOUNTED ON THE WALL IN 117. ALSO INCLUDES A LABORATORY FLOW METER, (2) TEMPERATURE GAUGES, AND (2) SHUT-OFF VALVES. DRYWALL CUT OUT, REPLACED, AND PAINTED FROM EXISTING PANEL IN 122 TO CEILING TO PROVIDE ACCESS FOR NEW 3/4" CONDUIT FOR SERVICE TO DISCONNECT IN 117. PAINTING DONE FROM CEILING TO FLOOR, CORNER TO CORNER.

PROJECT IMAGES





PROJECT INFORMATION

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PROJECT COST

| | |
|--|---------------------|
| DESIGN COST | \$ 8,100.00 |
| ARCHITECT / ENGINEER / INTERIOR DESIGN | \$ 8,100.00 |
| CONSTRUCTION COST | \$ 13,066.00 |
| DIVISION 1 - GENERAL REQUIREMENTS (DUMPSTERS, ETC.) | \$ - |
| DIVISION 2 - EXISTING CONDITIONS | \$ 875.00 |
| 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 | \$ 1,240.00 |
| DIVISION 10 - SPECIALTIES | \$ - |
| DIVISION 11 - EQUIPMENT | \$ - |
| DIVISION 12 - FURNISHINGS | \$ - |
| DIVISION 13 - SPECIAL CONSTRUCTION | \$ - |
| DIVISION 14 - CONVEYING EQUIPMENT | \$ - |
| DIVISION 21 - FIRE SUPPRESSION | \$ - |
| DIVISION 22 - PLUMBING | \$ 4,924.00 |
| DIVISION 23 - HVAC | \$ - |
| DIVISION 26 - ELECTRICAL | \$ 4,827.00 |
| DIVISION 27 - COMMUNICATIONS | \$ - |
| DIVISION 28 - ELECTRONIC SAFETY & SECURITY | \$ - |
| DIVISION 31 - EARTHWORK | \$ - |
| DIVISION 32 - EXTERIOR IMPROVEMENT | \$ - |
| DIVISION 33 - UTILITIES | \$ - |
| COMMISSIONING | \$ - |
| GENERAL LIABILITY | \$ - |
| GENERAL CONDITIONS (STAFFING, ETC.) | \$ 1,200.00 |
| 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 | \$ 3,698.00 |
| BUILDING CODE OFFICE | \$ 198.00 |
| STATE FIRE MARSHALL | \$ - |
| PROJECT MANAGEMENT FEES | \$ 3,500.00 |
| FACILITIES OPERATIONS ALLOWANCE | \$ - |
| CONSTRUCTION CONTINGENCY (10%, REFUNDED IF NOT USED) | \$ - |
| TOTAL PROJECT COST | \$ 24,864.00 |

PROJECT TIME

| | | |
|--------------------------------|--------------------------------|-------------|
| START | PROJECT SUBMITTED BY CLIENT | 2.25 MONTHS |
| | SPAA, F&S REVIEW | |
| | PM ASSIGNED | |
| | PM CONTACTS REQUESTER | |
| | PM DEVELOPS SCOPE | |
| DESIGN | A/E SELECTED | 2.5 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 | 2.25 MONTHS |
| | S/S PERMIT DRAWINGS RECV'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 | |
| | MPP TO CLIENT | |
| | CLIENT APPROVAL AND FUNDING | |
| CONSTRUCTION | REQUISITION GENERATED | 2.25 MONTHS |
| | PO ISSUED (NOTICE TO PROCEED) | |
| | CONSTRUCTION STARTS | |
| | RFIS, SUBMITTALS, DOCUMENTS | |
| | PROGRESS REVIEWS | |
| | PAYMENT APPLICATIONS, INVOICES | |
| | INSPECTIONS | |
| | CERTIFICATE OF COMPLETION | |
| CLOSE-OUT | CERTIFICATE OF OCCUPANCY | 3.75 MONTHS |
| | BENEFICIAL OCCUPANCY BY CLIENT | |
| | PUNCH LIST COMPLETION | |
| | FINAL INVOICES | |
| | OWNER'S MANUALS | |
| | ASSET TURNOVER TO OPERATIONS | |
| | ACCOUNTING CLOSE-OUT | |
| TOTAL PROJECT TIME - 13 MONTHS | | |