



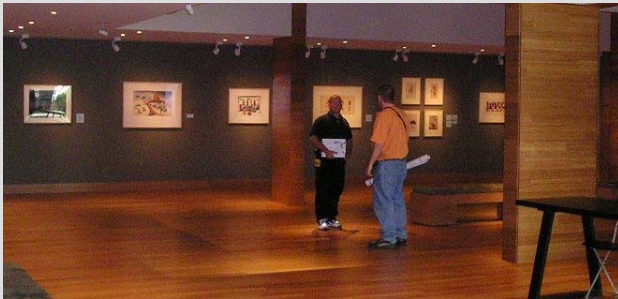
Innovative Construction & Design Solutions, LLC



PRESERVATION ENGINEERING

WHO WE ARE

ICDS is a design and construction engineering firm committed to quality professional design and engineering services as well as efficient and comprehensive construction technical and commissioning services. Four dedicated individuals founded *ICDS* in 2003, to provide a level of services above and beyond the industry standard. With our combined experience of over 50 years in the building construction field, we can ensure project success and, most importantly, client satisfaction.



OUR COMMITMENT

Preservation Aware: All of the principals are intimately familiar with the basic preservation criteria as outlined in the APT/AIC New Orleans Charter for Joint Preservation of Historic Structures and Artifacts and understand the intricate balance between preservation of collections and the structures that house them.

Responsive: As a small firm, we are focused on cross-disciplinary training, which allows any principal to be responsive to the needs of our clients. Being a firm of only principals, you will get the highest quality of service with engineers having greater expertise than other firms and with individuals who have a vested interest in the success of our business.

Cost Effective: As a small firm with little overhead, we are capable of minimizing costs to our clients while maintaining the highest level of engineering standards and design detail without compromise.

ENGINEERING SERVICES

ICDS can provide you with complete preservation systems design engineering and design-build services that include, but are not limited to:

- Precision temperature and relative humidity control systems for libraries, museums, historic structures, and archival storage systems
- Miniaturized display case environmental control systems
- Pollution control systems
- Water mist, inert gas, and hybrid fire suppression systems
- User-friendly custom HVAC control systems design, fabrication, and commissioning
- Existing mechanical, electrical, plumbing, and fire protection systems assessment
- New and historic structure thermal and moisture envelope analysis
- Design of energy saving and sustainable “green” technologies to minimize operation and maintenance costs and as well as impact to the environment
- Evaluation of storage and exhibit space environmental trend data and recommendations for corrective action
- Coordinate all design elements to ensure proper acoustic levels and aesthetics

ENGINEERING DISCIPLINES

Being a team of multi-disciplined engineers, *ICDS* has technical proficiency in many facility mechanical and electrical systems. More specifically, these include:

- HVAC and environmental control systems
- Geothermal heating/cooling systems
- District cooling/heating systems
- Fire Suppression
- Fire Detection
- Plumbing
- Electrical generation and distribution
- Facility automation and controls
- Green Building technologies