

Construction Management

ArcSine Engineering is a multi-discipline engineering firm which was founded in 1978. We offer engineering and consulting services from design through startup, including in-house mechanical engineering, electrical engineering, lighting design, control system, and SCADA systems engineering. For total project responsibility, we also offer the services of our highly qualified subcontractors in disciplines including civil, structural, geotechnical, landscape, and architectural. The firm is available to manage projects from design concept through completion.

ArcSine can assist in preparation of the drawings and specifications into the contract document package, writing the scope of work for bidding, managing the bidding process, bid clarifications, and negotiations. During construction we can represent the owner in field design resolution, construction management, submittal reviews, construction observation, and other services for any type of installation. Projects benefit from our effective project management and coordination, our proactive, hands-on management style, and our actual construction experience.

We are focused on achieving the following for each project:

- Delivering to the Owner a fully functioning, tested, and documented facility
- A smooth-running, well-coordinated project
- Lower management cost by addressing problems early when they are least disruptive
- Few construction delays and extras
- A project completed on time
- A project completed on (or under) budget

ArcSine offers the following services:

- Bid clarifications
- Bid negotiations
- Bid scope development
- Instructions to bidders
- Budget Control
- Building system commissioning and validation
- Change order control
- Construction coordination
- Construction observation, quality control, and assurance inspections
- Construction schedules
- Submittal review
- Contract administration
- Cost estimating
- Material/equipment purchasing and expediting
- Owner's representative for all construction
- Pre-bid meetings
- Project close-out and acceptance
- RFI (request for information) resolution
- System startup and testing

ArcSine Engineering



Our experience includes work involving:

- Retail Buildings and Restaurants
- Offices and Commercial Buildings
- Hospitals and Medical Facilities
- Houses of Worship
- Schools and Auditoriums
- Chemical Plants
- Food Processing
- Industrial Manufacturing
- Bottling Plants
- Research and Development Centers
- Chemical Laboratories
- Municipal Water Treatment and Distribution
- Municipal Sewage Treatment and Pumping
- Industrial Waste Treatment Plants
- SCADA Systems

