



india

ssoe® making clients successful.



**The SSOE Experience:** the combination of our Value Promise and Great Client Service that results in trusted relationships.

## Overview

SSOE Group is a global project delivery firm for architecture, engineering, and construction management. We have a track record of successful projects throughout India, many of them with Fortune 500 companies. We have earned the trust of highly successful firms by proving we save them time, trouble, and money. That means working knowledgeably and efficiently — integrating a wide range of engineering disciplines and specialty services to fulfill even complex requirements.

Through SSOE's India operations, we provide all the advantages of working with a local firm while meeting Western quality standards. In addition to serving chemical, automobile, food and beverage, and power clients, SSOE India is a key support office for SSOE facilities located in the U.S. and Asia Pacific.

*For more facts and figures about our firm, see the back cover.*

---

**“Working with the team at SSOE was a wonderful experience for us at the Pearl City Food Port SEZ as we began our master planning. They brought to the table a multi-disciplinary team who had worked with multinational clients around the world. The end result was a master plan that captured global best practices while also factoring in the unique Indian requirements for the site. Their responsiveness was excellent and the people were great to work with. I would certainly recommend them to anyone desirous of growing their operations in India.”**

Mani GVS, Head of Marketing and Business Development  
CCCL Pearl City Food Port SEZ

---

## Technical Expertise

SSOE India offers a broad range of technical disciplines; this allows us to perform all engineering services in-house. By working on various types of facilities across the country and beyond, we have amassed valuable experience that we draw upon to improve the project at hand.

### Process

Our in-house staff of qualified process engineers has an in-depth understanding of mechanical systems. They provide engineering analysis and design, and study the project's process and piping process requirements per

### Civil

Our civil department assures the proper installation of infrastructure utilities, site drainage, plant roadways, and primary fire protection. Our civil engineers work in concert with interdisciplinary teams of engineers and

### Structural

Our structural staff is qualified and experienced in the design, specification, and construction administration for all types of industrial, commercial, institutional, governmental, and educational facilities. In addition, they have experience



ASME-BPE, API, and NFPA guidelines. Our experts develop plans, and coordinate and direct the engineering work for major projects and smaller projects within a specific discipline, including work assignments, staffing, scheduling, and reviewing. They also provide instructions for fabrication of custom-built critical process equipment for both modular process systems and complete turnkey projects with piping and 3D modeling.

### Architectural

Our architectural expertise includes master planning, space programming, site evaluation, conceptual studies and reports, feasibility studies, architectural design, interior design, site development, facility design, facilities management, and strategic facility planning.

architects to ensure project success. By applying their discipline knowledge, using the latest technology, and building solid relationships with governmental agencies, they deliver thoughtful analysis and design performed in a coordinated, responsible manner.

### Electrical / Instrumentation

Our experienced team provides complete process instrumentation and controls engineering services—from conceptual design through commissioning, start-up, and production support. Our electrical engineers are experienced in both industrial and commercial lighting systems design.

in special foundations and analysis of existing structures for repair, reuse, or renovation.

### Mechanical

Our mechanical department staff is well-versed in the design of systems for industrial and commercial facilities. Their broad expertise includes packaged equipment, piping, material handling, MEP services, water treatment, and fire and safety systems. From a project's concept phase through commissioning, SSOE's mechanical experts work closely with all disciplines, including support for procurement. Our services include coordination with external agencies and advanced capabilities such as stress analysis, energy conservation, 3D modeling, and BIM.



## Client List

- Dana Corporation
- General Motors
- Goodyear Tire and Rubber Company
- GrafTech International Holdings, Inc.
- Mahindra – Ford India, Ltd.
- Pearl City Food Port (SEZ)
- P&G
- Specialty Minerals Inc.



## Advantages

Our staff represents extensive experience working with Western-based firms to execute projects in India.

- Our thorough understanding of local and international codes and design standards is instrumental to efficient project delivery.
- Work instructions, processes, and quality standards are in place to deliver your project on a schedule and budget that align with Western expectations.
- Our established partnerships ease the process of identifying and qualifying local resources for Western-based companies, especially those new to India.
- We have an exceptional safety record.
- SSOE's India operations represent a full range of design and construction management disciplines. Throughout the course of the project, we collaborate internally to develop innovative solutions that enhance the value of your project.
- Your intellectual property is safe due to our well-established procedures and extensive experience with confidential projects.

The sum of these advantages is our ability to save you time, trouble, and money. To prove our effectiveness in achieving this goal, we track and document the savings and report them to you on every project we undertake. In fact, SSOE returned 105% of our fee to clients in the form of project savings over the last 5 years.



## VALUE PROMISE

**Opportunity:** SSOE performed project management of civil, architectural, HVAC, electrical, and fire protection work for a raw material warehouse, utility buildings, QA and QC lab, team rooms, cooling tower, dispatch office, assets yards, and tanker unloading for a 2,500 m<sup>2</sup> expansion of an existing production facility.

**Action:** Modifications to the original design, re-use of materials, and creative construction sequencing overcame many challenges presented by the original design (by others) and contractor delays.

**Results:** Project savings of more than 100% of SSOE's fee.

### SSOE Facts

- SSOE was founded in 1948 and currently has more than 20 locations worldwide.
- We are a global project delivery firm for architecture, engineering, and construction management, with projects in 40 countries.
- SSOE offers program management services from design through construction, to commissioning and start-up, for seamless project delivery.
- SSOE's focus is using the appropriate project delivery method for your goals, including Virtual Design and Construction (VDC), which brings our clients better and faster results through more integrated teams and advanced technologies. Even when a more traditional delivery model is used, you'll see significant benefits from the collaboration strategies and technological capabilities our leadership in VDC necessitates.

## Locations

Albany, NY  
Alliance, OH  
Atlanta, GA  
Birmingham, AL  
Chandler, AZ  
Chengdu, China  
Cincinnati, OH  
Columbus, OH  
Hamburg, Germany  
Huntsville, AL  
Kalamazoo, MI  
León, Mexico  
Lima, OH  
Midland, MI  
Monterrey, Mexico  
Mumbai, India  
Nashville, TN  
Omaha, NE  
Penang, Malaysia  
Portland, OR  
Raleigh-Durham, NC  
Riverside, CA  
St. Paul, MN  
Santa Clara, CA  
Shanghai, China  
Shenzhen, China  
Toledo, OH  
Troy, MI  
Washington, DC

## Markets

Energy  
Life Sciences  
Manufacturing / Process  
Telecommunications

## Services

Architecture  
Basebuild  
Construction management  
Data / Fire / Security  
Energy consulting  
Engineering  
Master planning  
Procurement  
Project / Program management  
Site selection  
Tool install  
Virtual Design and Construction

## Rankings

### *Engineering News-Record (ENR)*

- Top 5 Automotive Plant Design Firm for the past decade
- Top 5 Semiconductor Design Firm for the past 5 years
- Top 10 Food and Beverage Design Firm for the past decade
- Top 10 Manufacturing Design Firm for the past 6 years
- Top 20 Chemical Plant Design Firm for the past decade

### *ENR Global Sourcebook*

- Top 10 International Automotive Assembly Plant Design Firm for the past 5 years
- Top 35 International Manufacturing Design Firm for the past 5 years

### *Building Design + Construction (BD+C)*

- Top 10 Engineering / Architecture Firm for the past 5 years
- Top 10 Industrial Engineering Firm for the past 5 years
- Top 15 BIM Engineering Firm for the past 6 years

Named "Best AEC Firm to Work For"  
*(Building Design + Construction)*

Named a "Great Workplace"  
*(Great Place to Work®)*