





The promise of a clean environment that supports and sustains healthy life. Building truly collaborative partnerships. A step at a time. Where each action is designed to produce lasting impact and influence. Setting the standards in environmental best practices. Inspiring with Engaged Leadership by providing the necessary framework and direction. We believe that investing in a healthy environment ensures a better quality of life. Today, and forever...

Engaged Leadership

An established brand, with a reputation for quality, innovation and successful delivery of major projects, SSIPL was founded in Feb 2007 capitalizing on the intensified growth in the field of infrastructure development in India. Launched by first-generation entrepreneurs with substantial mega-project experience and skills, SSIPL has taken over SSP Infrastructure & Projects Pvt. Ltd. To utilise its credentials to bid directly for various projects.

Today, SSIPL is a complete infrastructure development company offering integrated solutions encompassing civil construction, mechanical, electrical and instrumentation expertise, as well as operations support and maintenance building a strong reputation in environmental engineering projects.

Principal Businesses

Delivering top value for every project, SSIPL has combined broader engineering and project management expertise, with strong local knowledge, proven experience and significant resources to execute some of the most challenging projects.

Specializing in water management projects, the Company has built up an enviable track record in the successful execution of water and sewage treatment plants, pipelines, roads and bridges at various locations in India urban, rural and remote.

Man and Material

Engineering World-class Quality

SSIPL follows a strategy of collaborative management, drawing upon an in-house workforce of top-of-the-line professionals in integrated infrastructure development to lead, manage and compete in a challenging environment. Team SSIPL is made up of engineering professionals with skills in multiple domains including construction, infrastructure development, environmental management and real estate development.Backed by a corporate commitment of professional expertise, quality assurance and on-time delivery, the Company has built long-term relationships with clients such as

CMWSSB, TWAD Board, PWD, HUDA, CPCL and KUIDFC.From The SSIPL Expertise project and materials management to labour management, SSIPL applies modern day tools and techniques to ensure a professional solution-oriented approach to all the projects.Identifying, disseminating, and promoting business best practices in project implementation, SSIPL encourages an atmosphere of co-operative decision-making within the Company to maximize performance and innovation. Megaproject execution calls for a major Water Treatment and investment in machinery. SSIPL Disposal owns and maintains a substantial equipment base that enables the

Engineering Projects Water Treatment and Supply

Engineering

Specialized

Civil &Infrastructure



Pipe-carrying Bridge, New Veeranam Scheme

Part of the grand Veeranam Scheme envisaged by the Tamil Nadu Government to bring 180 million litres of water each day to the city of Chennai from Veeranam Lake through pipelines, the Company bagged the order to build the pipe-carrying bridge over River Killiyar for a length of 420 metres.

- Client: CMWSSB, Chennai
- Value: Rs. 1.72 crore
- Construction of a 420-metre-long pipe-carrying bridge



Two of SSIPL's sewage treatment plants at Karwar, Karnataka and Kumbakonam, Tamil Nadu have been designed to be 100% self sufficient in energy consumption by using the gas produced by the plant as the input energy.



Augmentation of Groundwater, Vishnuvakkam

A project initiated by CMWSSB to source water for the city of Chennai from private agricultural wells, it involved pipeline works to connect 25 wells to a common sump in Vishnuvakkam, near Chennai.

- Client: CMWSSB, Chennai
- Value: Rs. 38 lakh
- 27000 running metres of HDPE pipes
- 2 clear water pumps of 142 IPS capacity

Intergrated Lake Treatment Project Construction of 10 MLD Teritary Treatment **Plant Hyderabad**

A prestigious project executed for HUDA, Hyderabad to design, build and operate a 10 MLD tertiary sewage treatment plant to treat industrial effluents and re-use the treated water for industrial purposes.

- Client: HUDA, Hyderabad
- Value: Rs. 11 crore
- 10 MLD capacity plant

New Zero Discharge Plant at CPCL, Chennai

The project involved the construction of a new zero discharge plant for CPCL, Chennai

- Client:CPCL
- Value: Rs. 1.50 crore



ON GOING PROJECTS

Chlorinator Room, Water Supply Distribution Stations, Chennai

A prestigious project executed for CMWSSB, Chennai to supply clean and potable water to the entire Chennai city. The project involved the construction of the chlorinator room, supply, delivery, erection, commissioning and maintenance of Manual Vacuum Feed Chlorinators at 15 water supply distribution stations in Chennai with an overall capacity to treat about 250 million litres of water each day.

- Client: Chennai Metro Water Supply and Sewage Board
- Value: Rs. 2.89 crore (Operations & Maintenance contract 0.57 Lacs)
- Operations & Maintenance contract for 3 years



SSIPL's design capabilities for water and sewage treatment plants came to the fore, when its process design for a sewage treatment plant was accepted by CMWSSB to be implemented at the Kumbakonam project.

ORDER IN HAND

Sewage Treatment Plant, Kumbakonam

An 8-crore project executed for CMWSSB to design, build and operate a 17-MLD sewage treatment plant spread over 20 acres in Kumbakonam. The project showcased the design capabilities of the Company when the process design for a sewage treatment plant prepared by it was accepted by CMWSSB. The project involved using the methane gas produced in the plant as an input energy to operate and maintain the systems using a 100% gas engine.

- Client: CMWSSB
- Value: Rs. 7.88 crore
- 17 MLD DBO plant
- 100% energy self-sufficient plant

PROJECTS COMPLETED

Water Distribution Station, Kulathur, Chennai

SSIPL's first project was a single order of Rs. 10.5 crore in value. The Water Distribution Station was a prestigious turnkey project covering civil, mechanical, electrical and instrumentation works and successfully delivered within the earmarked period. The complex project involved a collaboration of multiple skills, capabilities and expertise with engineering excellence as the bottomline.

- Client: Chennai Metro Water Supply and Sewage Board
- Value: Rs. 10.5 crore
- Earthwork of over 1 lakh cubic metres executed in under 2 months
- RCC Underground Tank of 24 million litres capacity 800 KVA DG Sets
- Vertical Turbine Pumps with 500 LPS discharge capacity
- 220 KW Motors of 300 HP each
- Programmable Logic Controller

Chlorinator Room, Water Supply Distribution Stations, Chennai

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- Client: Chennai Metro Water Supply and Sewage Board
- Value: Rs. 2.89 crore
- 30 Chlorinator systems were installed at 15 water distribution stations; one operational and one standby unit at each station
- 15 million litres of water per day treatment capacity at each water distribution station
- Executed in under 5 months
- Operations & Maintenance contract for 3 years

Water Distribution Station, Pallipattu Water Supply Zone, Chennai

A turnkey project executed for CMWSSB, Chennai, it involved the construction and commissioning of a water distribution station including two 20-million-litre underground RCC tanks and pumping house covering civil, mechanical, electrical and instrumentation works, and operations and maintenance thereafter.

- Client: CMWSSB
- Value: Rs. 6.3 crore
- 2 RCC underground tanks of 20 million litres capacity each
- Construction of pumphouse building
- 800 KVA Radiator-cooled Diesel Generator
- 6 Vertical Turbine Pumps, each capable of discharging 540 LPS
- 6 electric vertical motors of 180 KW, 220 HP
- 2 1600 KVA transformers
- Magnetic flow transmitter

Combined Water Supply Scheme, Tirunelveli District

An ambitious project executed for the TWAD Board to benefit Nanguneri and Thigayanvillai UTPs, and 342 rural habitations in Tirunelveli, Tamil Nadu, it involved laying 20 km of pipelines over an area of 10 sq. km. The pipelines connected 7 pumphouses.

- Client: TWAD Board
- Value: Rs. 2.25 crore
- 20 km of CI & AC pipes of various sizes
- Construction of pumphouses and sumps at 7 locations.

SSIPL was one of the participants in the ambitious Veeranam Scheme initiated by the Tamil Nadu government to augment Chennai's water supply.





Sewage Pumping Station, Kodungaiyur, Chennai

Yet another turnkey project executed for CMWSSB, Chennai, this was the Company's first sewage project after having executed two potable water projects. The project involved the construction of the sewerage pumping station and laying a 500mm dia gravity sewer line from the old proposed station to the new pumping station.

- Client: CMWSSB, Chennai
- Value: Rs. 1.79 crore
- Construction of pumphouse and generator room
- 2 suction wells of 4.5 M dia to a depth of 12 metres
- 500mm dia gravity sewer line laid at a depth of 6.5 metres for a length of 585 metres
- 2 nos. 50 HP non-clog submersible sewage pump sets with 10080 LPM capacity
- 2 nos. 20 HP non-clog submersible sewerage pump sets with 2640 LPM capacity



Sewage Treatment Plant, Karwar, Karnataka

A Design-Build-Operate-Transfer project executed for KUIDFC to build a sewage treatment plant for Karwar town, the project involved using the gas produced in the plant as an input energy to operate and maintain the systems using a 100% gas engine.

- Client: KUIDFC, Karnataka
- Value: Rs. 98 lakh
- Design-Build-Operate-Transfer project with an O&M contract for 5 years
- 1500 CuM/ day capacity
- Pumping station with 3 nos. of 7.5HP, and 1 no. of 5HP
- Pumps 100% self-sufficient in Energy consumption

Sewage Treatment Plant, Karwar

The project involved the construction of a 3 MLD sewage treatment plant for Seabird in Karwar, Karnataka.

- Client: Seabird
- Value: Rs. 3.65 crore
- 3 MLD capacity plant

Quality Assurance

Business Best Practices

Fostering an environment where technical excellence is the norm, SSIPL has an ongoing investment in the strategic areas of new learning, technology, and ISO-9000 compliant quality systems. The Company is intuitive to the client's vision, recognizes the macro and micro level challenges, understands the value-creation potential and executes to world-class quality standards.

SSIPI's very first project was a Rs. 10 crore turnkey assignment to build a Water Distribution Station integrating civil

Growth and the Road Ahead

By aggressively meeting every challenge since its inception in 1998, SSIPL has combined its dynamic growth with a comprehensive, cohesive approach to the future. The Company is committed to continuously explore, anticipate, plan and adapt to new opportunities in mega-infrastructure development with the capabilities to implement anywhere in India.

SSIPL has employed an innovative strategy to capitalize on mega-scale opportunities in the infrastructure development industry. In addition to direct bids, the Company has established collaborative relationships with larger companies to secure and execute back-to-back projects, thereby widening the scope of its potential, and increasing the growth momentum.

Having established its technical expertise, broad experience and extensive resources that are critical to creating successful infrastructure, SSIPL is diversifying into power and port projects, not just helping evolve each business project into an enduring relationship, but also creating value for the clients and the communities they serve.

A Rural Water Supply Scheme implemented for the TWAD Board involved laying 20 km. of pipelines linking 7 pump houses over an area of 10 sq. km, benefiting 342 rural habitations.



