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# CONSTRUCTION TIMES

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A large-scale construction site at night. Several tall yellow tower cranes are illuminated by bright work lights, creating starburst effects against the dark blue sky. In the foreground, the silhouette of a construction worker wearing a yellow hard hat is visible, looking towards the site. The background shows the skeletal structure of buildings under construction, with some areas covered in green safety netting.

## 2nd Largest Employer

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# Sustainable Infrastructure

**"We engage services of about 80-100 people every year"**

SPML Infra Ltd is a infrastructure development company with focus on sustainable development for smart cities, promoting access to essential services to all (water, sanitation, and municipal solid waste management). With over 3 decades of experience and pan India presence, it has executed more than 600 turnkey projects and created significant value for the country, thus touching the lives of millions of people with provision of drinking water facilities, wastewater treatment, integrated sewerage network, better municipal waste management, power transmission and distribution and lighting up homes. Currently SPML is developing infrastructure projects worth USD 900 million and provides drinking water facilities to more than 40 million Indian populations through various projects.

"SPML Infra is among the World's Top 50 Private Water Companies as per the research conducted by Global Water Intelligence, London. SPML Infra has been continuously featuring for the past 6 years in the bi-annual survey of world water companies," claims Subhash Sethi, Chairman, SPML Infra Ltd.

## Employment generation

Sharing views on employment generation Sethi says, "There are about approximately 1,000 employees' currently in India and internationally. We engage services of about 80-100 people every year for our various projects. SPML Infra has good number of women employees in its role including key positions in several departments."

## Payroll on direct/indirect basis

SPML Infra has approximately



160 MW Ramgarh Power Project

1,000 professionals (engineering, technology and management) and approximately 80 per cent of the SPML's employees have been associated with the company for more than five years. There are hundreds of indirect people engaged by the company for its various project execution activities.

## Training to be up-to-date

With the advent of modern technology and digitisation of systems, technical and managerial competence is critical towards ensuring timely execution of projects and optimum performance upon commissioning. "SPML provides training to ensure employees stay up-to-date, motivated and productive with relevant training and development programs on a regular basis. Professionals and engineers at office and project sites are trained for new technological advancement in engineering design, IT and IoT initiatives and modern machineries and equipment being used," explains Sethi.

## How are you returning back to the society?

At SPML, social responsibility has been the basis of success right from its inception. "Our approach has been to make enduring social impact through programs that build sustainability," states Sethi.

SPML Infra has defined its core values – Care, Passion, Awareness and Improvement – to guide in all segments it caters. As a constructive partner in the communities in which it operates, SPML has been doing real works to realise its social responsibility objectives, thereby building value for its clients and employees. Indicative list of Community oriented programs are as under:

- **Beti Bachao:** campaign started in 2010 in Delhi has spread to several cities in India; mass media campaign has been done in Haryana and Rajasthan to educate the people about the girl child. It has helped community to understand the importance of girl child, their



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education and healthy upbringing.

- **Free Limb Distribution:** program started after the inception of the company in 1981 and is continuing. Several camps are organised every year in different cities to distribute free artificial limbs to the needy to overcome their challenges.
- **Eye care and Health Camp:** is being organised every quarter, in the past 5 years, more than 5000 people have been provided with free health and eye check-up facilities and medicines, spectacles etc. and more than 500 people have got their vision back after free cataract surgery organized by the company.
- **Public Awareness Programme:** on water, sanitation and environmental conservation with outdoor campaign; environmental awareness programs for resident welfare associations, waste collectors and handlers; regular environmental awareness programs for school students and residents.
- **Swachh Bharat Abhiyan:** organised by SPML Infra in Delhi's important market areas and residential colonies to spread the awareness about the importance of cleanliness.
- **Social Advertisements for Water and Environment Conservation:** SPML believes in "save water is found water", and to spread this message, regular outdoor and mass media campaigns on "Save Water" and "Conserve Water" is running across Delhi and other cities, a number of hoardings, boards, message boards, bulletins with the messages are put up regularly.
- "Tree Plantation for Water and Environment Conservation" – SPML Infra believes in "save environment – plant trees", and to spread this message, regular tree plantation is being done at project sites across the country.

SPML Infra has always been touching the lives of millions of people positively by supporting environmental



Subhash Sethi, Chairman, SPML Infra

and health-care projects and social, cultural and educational programs.

Besides focusing primarily on the welfare of economically and socially deprived sections of society, SPML also aims at providing economically viable and environment-friendly services for the benefit of millions of people across the nation, while at the same time ensuring the highest standards of safety and environment protection in its operations.

#### Integrated Management Information System

SPML Infra has indigenously developed an Integrated Management Information System (IMIS) for smart

management of water utilities. A powerful enterprise management system designed to meet day to day operations of water distribution utilities, seamlessly manages the entire gamut of services. This is the only system designed specifically as per the working conditions of the Indian water utilities and consumers. Going forward with the development of smart city, this integrated system will be essential for smart operation of water supply and distribution management in the cities.

- SPML has integrated competencies across depth engineering, process technology, project management and resource management to carve out a distinctive identity in its sphere.
- SPML has integrated its processes by installing SAP and thereby allowed itself to become more transparent, reduce delays and hasten project execution.
- The Company developed SPML Aqua, an integrated management information system designed to address day-to-day water distribution issues, across geographies.



2420 MM MS Pipeline for Bulk Water Supply in Delhi



## NEPAL

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- SPML Infra has helped in significantly reducing non-revenue water under UFW Project in Bengaluru by using innovative technology of helium leak detection to accurately identify and locate hidden leaks in large and small pipes, the NRW reduced significantly from 61 percent at the beginning of the project to 33 percent thus saving 16.5 million litres of drinking water per day. From the 16.5 million litres of water saved by this water loss management project, the government of Karnataka has implemented a scheme to provide 10,000 litres free water each month to every household with regularised connection to the economically poor, SC and ST families.

#### What are the changing trends in the infrastructure development in India?

India is witnessing a sustained growth in infrastructure buildup powered by increased expenditures on housing, roads, ports, water supply, railways and airport development. Infrastructure projects continue to provide lucrative opportunities for steel, zinc and aluminum producers. With the government approving private sector participation in the bidding process, the sectoral efficiency is expected to increase and promote healthy competition. "India's infrastructure sector is expected to grow at a CAGR of 12.1 per cent between 2016 and 2021," says Sethi.

Eco-friendliness is driving infrastructure sector such as renewable, urban water and gas distribution, transportation, and power transmission system. Other new areas include solid and liquid waste disposal and waste-to-energy projects combined with the planned 100 smart cities. The transportation system has under gone change with autonomous vehicles set to radically transform surface transport. India is already mulling regulations to allow testing of the technology. This will lead to a sea change in how roads



**Faizal E Kottikollon, Founder and Chairman of KEF Infra and KEF Holdings**

are built for cars requiring lesser space and greater speed and the intense use of sensors and IT systems.

He adds, "Having executed 600 plus infrastructure projects in the power, water, irrigation and wastewater treatment segments over the past three decades, SPML Infra is attractively placed to bag large and complex projects across India."

#### "We have 1400 employees"

At KEF Infra is bridging the gap in access to quality infrastructure by relooking at the way the world builds, and creating a model that will deliver quality and sustainable infrastructure faster than ever before. Founded in India in 2014 by successful

entrepreneur Faizal E Kottikollon, Founder and Chairman of KEF Infra and KEF Holdings, it is a technology-driven company, and pioneers in end-to-end offsite manufacturing in the country. "In a short span of three years, we have demonstrated our ability to bring world-class proficiency in design, engineering, manufacturing, assembly and project management all under one roof," says Kottikollon.

He adds, "We are transforming the way buildings and basic services are created and delivered in India. KEF Infra is paving the path for Industry 4.0 by integrating world-class technology with software solutions such as BIM (Building Information Modelling) thus significantly reducing costs and increasing efficiencies in infrastructure development."

"Our KEF Infra One Industrial Park in Krishnagiri, Tamil Nadu, is the world's largest and most integrated offsite manufacturing facility," he states. It is spread over 42 acres and features cutting edge manufacturing units for precast, Prefabricated Pods and Modular MEP, Joinery and Fit – Outs and Aluminium and Glazing. At KEF Infra One- it is manufacturing hospitals, schools, hotels, homes and commercial buildings faster than ever before.





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