July 2017

sankalp

Water I Energy I Infrastructure I Environment

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FOCUS ON FUTURE CITIES

Building and transforming cities into future cities is a complex and integrated job that required considerable planning, careful execution and efficient operation.

Indian cities' transformation into smart cities is not a one time activity but a continuous process to improve the efficiency of all utilities, public oriented activities and governance through smart planning, smart execution and smart maintenance.

SPML Infra Chairman, Mr. Subhash Sethi described this during the CII Conference on Smart Cities held in Kolkata recently. He is also the Chairman of Infrastructure Committee of CII Eastern Region. During the conference, CII also released a report, "Future Cities: What it takes to build one" which has details of challenges and opportunities, clean and green cities and transport infrastructure. The report can be accessed here.

Message from Chairman

Dear Friends,

It is my great pleasure to extend heartfelt greetings to the readers of our newsletter.

After years of wait, Goods and Services Tax (GST) has finally been launched on 1st July 2017 by our President and Prime Minister with great fanfare including the hour long mid-night event in the Indian Parliament. The key rationale for introduction of GST was to remove numerous taxes and reduce price at which the goods and services are supplied to final consumers. In the long run it is expected to boost the economic growth of our country. SPML Infra has already started implementing it and will continue our business associations with those vendors and suppliers who have GST compliance.

We are known as a key player in the water and power domain, improving the quality of life for people across the country.

With the introduction of modern technology, policies and best practices, SPML Infra has transformed the dynamics of project implementation for managing risk and maximizing benefits to stakeholders. The policies will accelerate project execution, strengthen our balance sheets and attract new orders making it possible to conduct the old business in a new way.

Technology is an integral part of our work and lives. Another exciting initiative for us is the introduction of 'Success Factors', the Human Capital Management (HCM) solutions in our company that integrates onboarding, learning management system, performance management, recruitment, succession planning, talent management and HR analytics. This cloud based software system will help us in business strategy alignment; maximize people performance and ultimately the growth for the organization. At work, we expect our technology to be as cool as what we have for personal use.

SPML Infra has positioned itself to capitalize on the new projects being announced by the government and enhancing value for all our stakeholders with increase in bottom line growth.

I look forward to your opinion, suggestions and encouragement about this newsletter.

Subhash Sethi

Media Buzz

Interview of Mr. Subhash Sethi, Chairman, SPML Infra published in prominent Power magazine, **T&D India**, July 2017 issue.

The editor of the magazine has taken this interview in which the Chairman is talking about the power sector in India and future plans of SPML Infra along with a number of transmission & distribution projects being executed by the company.


INTERVIEW

PowerT&D projects call for specialized technical manpower

INTERVIEW

[Click here to read the interview]

Water Division - Project Update

Regional Water Supply Scheme, Niwai, Rajasthan

Client: Public Health Engineering Department, Jaipur

The project is proposed to supply drinking water to 212 villages and 698 dhanies of Niwai Tehsil in Tonk district of Rajasthan. The work for 136 villages and 434 dhanies has already been completed and work for remaining villages are under advance stage of execution. The scope of work included 1725 Kms of DI and uPVC pipeline of 63-350 diameter; 4 nos of pumping stations; 3 clear water reservoirs; 38 elevated service reservoirs of 150-300 KL with cluster distribution system, village distribution system, PLC & SCADA with 10 years of operation & maintenance.

Water Meter Project, Delhi

Client: Delhi Jal Board

With rapid growth in urban population, demand for water has increased manifold in the domestic category. Efficient metering at consumption point is essential to instill a sense of disciplined usage of water. SPML Infra is executing Smart Water Meter project in Delhi to install 1,80,000 AMR and 60,000 Non AMR Meters with 7 years of operation & maintenance. More than 90,000 AMR meters and about 20,000 Non AMR meters has already been installed.

A consumer camp was recently organized at the office of Shri Madanlal, MLA, Kasturba Nagar constituency. The consumer complaints related to water bills and meter issues were addressed by Delhi Jal Board and SPML Infra officials. Similar camps are being organized in several parts of Delhi with the support of area MLAs and RWAs to address consumer issues.

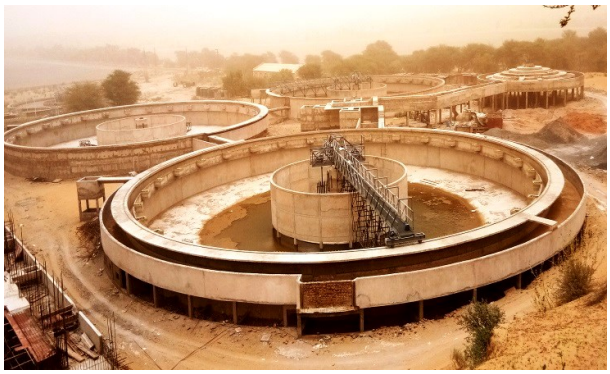
Water Division - Project Update

Integrated Water Supply Project Fatehpur-Laxmangarh & Ratangarh-Sujangarh, Rajasthan

Client: Public Health Engineering Department, Jaipur

The project envisaged to provide safe drinking water to 6 towns & 431 villages of Churu district and 13 villages of Jhunjhunu district. This is part of the ambitious "Aapni Yojana" project of Govt. of Rajasthan for water supply in Churu, Hanumangarh and Jhunjhunu. These districts are known for saline water which was affecting the health of large number of people.

SPML Infra is executing this project with construction of 160 MLD Water Treatment Plant, Raw & Clear Water Pumping Station, 17500 KL Clear Water Reservoir, 94 kms 1500 mm dia MS pipeline for transmission main with 10 years of operation & maintenance.



Jihe Kathapur Lift Irrigation Scheme, Maharashtra

Client: Maharashtra Krishna Valley Development Corporation, Pune

SPML Infra is executing the integrated lift irrigation scheme that aims to provide water for irrigation and domestic purpose. The scope of work comprised of intake sump well, three stage pumping station by online boosting, 3 nos. vertical turbine pumps at stage-1; 3 nos. horizontal split casing pumps at stage-2 & 3 nos. horizontal split casing pumps at stage-3; two stage rising main of 17 kms, two 'D' shape tunnels of 3.95 km & 13.77 km of 4500 mm dia pipe, 132/33 kV & 33/11 kV switchyards, 33 kV transmission lines, voice communication system etc.

Power Division - Project Update

Rural Electrification Project, Patna, Bihar

Client: Bihar State Power (Holding) Company Ltd.

SPML Infra is executing the rural electrification project in Patna on turnkey basis. Scope of work includes installation of new 33/11 kV Substations, augmentation of existing 33/11 kV Substations, 33 & 11 kV transmission line, transformers, LT & HT cabling, lightning systems, control & relay panels among other associated works. The project envisaged to provide electricity connections to 4 Lac below poverty line consumers in 23 blocks having power network of 7144 kilometers of ACSR conductors, and 5310 kilometers of LT lines.

Rural Electrification Project, Gaya, Bihar

Client: Bihar State Power (Holding) Company Ltd.

SPML Infra is executing the rural electrification project in Gaya, Bihar on turnkey basis. Scope of work involves construction, erection, testing and commissioning of new 33 & 11 kV Substations, augmentation of existing 33 & 11 kV existing Substations, 6,183 kilometers long 33 kV and 11 kV new transmission lines, reconductoring of 57,733 kilometers of 33 kV lines, 6,058 kilometers of LT lines etc. The project envisage to provide electricity connections to almost 3 lac below poverty line consumers in 24 blocks.

Power Division - Project Update

Power Substations Project, Tripura

Client: Power Grid Corporation of India Limited

SPML Infra is executing the supply, installation, testing and commissioning of 16 Nos of new 132/33/11 kV Sub-stations in three districts of Tripura under North East Region (NER) Power System Improvement Scheme being funded by the World Bank.

The project is going to accelerate this north eastern state's development agenda, improve economic growth and citizen wellbeing through quality power supply. These projects are under various stages of execution and will be completed as per schedule.

50 Kw Rooftop Solar Power Plant, Sonagir, Madhya Pradesh

SPML Infra has forayed into clean energy solutions by spearheading solar power projects and committed to nation's power development program. The company has recently installed 50 Kw Rooftop Solar Power Plant at Sonagir, Madhya Pradesh in the premise of Jain Mandir. This grid connected solar power plant will save electricity bill by 20-30 per cent by generating 250 Kwh (units) of electricity per day for about 300 days in a year. It will also help in environment protection by reducing more than 60 tonnes of Co2 emission annually. The project was funded by KCPC Trust as part of the social responsibility initiatives of SPML Infra Ltd.

Access to Clean Water

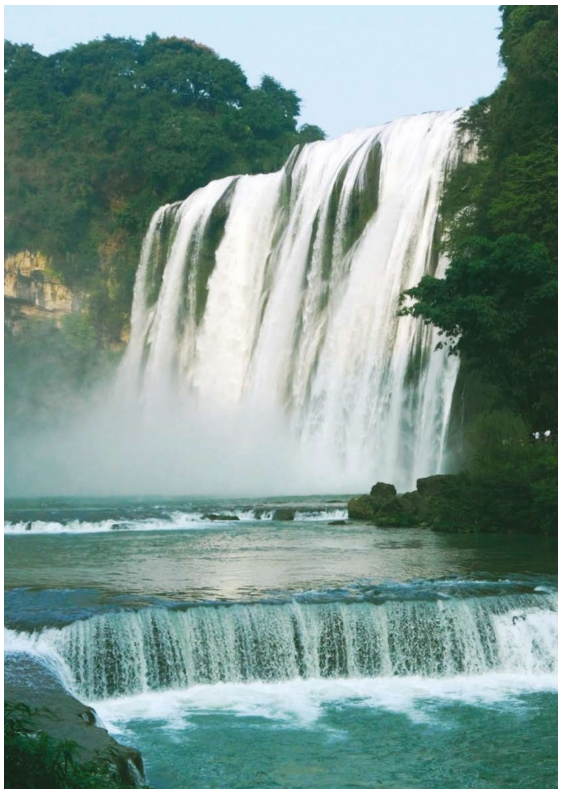
In India, over one lakh people die of water borne diseases annually. The country faces a huge challenge in ensuring safe water supply to its citizen.

India, one of the world's fastest growing economies is home to 17% of world population, has the most number of rural people, around 63.4 million living without access to clean water.

India ranks among the countries worldwide most vulnerable to climate change and extreme weather conditions. More extreme weather events resulting from climate change – including cyclones, ruinous flooding and prolonged drought could make it even harder for the poorest people to access clean water.

Around the world, 663 million people live without access to clean water and the vast majority of them – 522 million – live in rural areas. These communities face challenges in gaining access to water due to isolated locations, inadequate infrastructure and lack of funding.

In India, around 68% of the country's population lives in rural areas and about 7% of them even now is living without access to clean water. Water Aid's annual analysis examines the rural access to safe drinking water around the world and warns that diseases such as cholera, blinding trachoma, malaria and dengue are expected to become more common and malnutrition more prevalent. Rural communities dependent on farming to make a living will struggle to grow food and feed livestock amid soaring temperatures, and women – typically responsible for collecting water – may have to walk even greater distances in their daily struggle to access clean water.



Government should deliver its promise to meet the Sustainable Development Goals, including ensuring access to safe water to everyone, everywhere. Along with access to safe water, it is critical that communities have the necessary tools, infrastructure and preparedness to deal with the effects of extreme weather events and climate change.

V. K. Madhavan, Chief Executive, Water Aid India

Imagine life without clean, fresh water. That is the future for many unless we rethink how we use each drop...

The world is increasingly turning its attention to the issue of water scarcity. Many countries face water scarcity as a fundamental challenge to their economic and social development; by 2030 over a third of the world population will have to cope with significant water stress, including many of the countries and regions that drive global economic growth.

Charting Our Water Future, WRG 2030

The ever-expanding water demand of India's growing population and economy, combined with the impacts of climate change, are already making water scarcity a reality in many parts of the country that has started affecting the livelihoods, human health, and ecosystems. We need to take immediate measures – recharge our water bodies, reduce pollution by treatment of sewage and effluent, reuse treated water, improve supply system, close the gaps, lessen water intensive crops and industries, and bring water efficiency across the economy.

Water requires more political attention and strategic thinking.
UN Secretary General's Advisory Board on Water and Sanitation

Inclusive water, sanitation and hygiene essential for life with dignity

Unless we all - local, state and national government and communities come together and dramatically improve the way we envision and manage water, there will be many more hungry and thirsty villages, degraded environment and economic development at greater risk.

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