

## Nal Se Jal: SPML Infra Aims To Play Key Role In Developing Water Infrastructure In India

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Nal Se Jal: Gagreen Water Supply Project, Rajasthan

**India:** SPML Infra Limited, India's leading water management company will play a key role in the development of sustainable water infrastructure to realize the vision of "Nal Se Jal". This ambitious scheme announced by the Finance Minister during her maiden budget presentation aims to provide piped water connection to every household in India by 2024. Given the massive number of connecting about 140 million remaining rural and urban households in five years' time will be a challenging task.

The water resources in India are under tremendous pressure as availability of safe drinking water is not sufficient to cater the population demand. The rate of groundwater withdrawal is extremely high as compared to available supplies. The effect of expanding cities will see the demand for fresh water supply rising exponentially and with limited resources; India may become a water starved nation. Over-exploitation of groundwater, failure to recharge aquifers, reduction in catchment capacities due to uncontrolled urbanization and no reuse facility for treated wastewater are all causes for the

precarious tilt in the water balance. If the present rate of groundwater depletion persists, India will have only 22% of the present daily per capita water available by 2050, possibly forcing the country to import water. The other prominent challenge being faced by water sector is the ageing infrastructure of distribution system. Water utilities in India are faced with the crucial need to address these challenges and revamping of infrastructure on priority for the economic, social, and environmental implications.

The government has placed a well thought plan of providing drinking water facility to every household of the country that will help to cater the urgent need to develop adequate water infrastructure. The “Nal Se Jal” scheme will lead to a huge investment in water infrastructure development in the country that will help in addressing the issues of drinking water supply. SPML Infra Limited started managing water at the time when nobody was talking about it as it was not a business proposition.

With sheer commitment and dedication, the company continued to develop water infrastructure in different states. In a rich legacy of about four decades, SPML Infra has completed over 600 projects of infrastructure development out of which more than 500 projects were exclusively in water supply segment. Presently, the company is providing drinking water facilities to over 50 million people of the country through its various executed projects. With over 25 water supply projects under various stages of execution, SPML Infra Limited features among the World’s Top 50 Private Water Companies as per Global Water Intelligence report. From a small water supply projects it first executed in Mizoram, SPML Infra Limited is currently engaged in Phase III of the Saurashtra-Narmada Avtaran Irrigation Project (SAUNI Yojana), a very large and ambitious water supply project in Gujarat which envisages providing drinking water facilities to 39 million people across 132 towns and 11,456 villages along with water for irrigation to 1.8 million hectare land, easing the water scarcity concerns in the region. The 24X7 urban water supply projects in Delhi, Pune and 6 cities in Karnataka are helping about 5 million people with clean drinking water facilities.

Non-Revenue Water (NRW) is a universal problem faced across the globe as these losses are real and detrimental to the financial capability of water utilities. In the quest for saving precious water; SPML Infra helped in significantly reducing non-revenue water in Bengaluru by using innovative technology for leak detection in hidden pipes. The experience has been rewarding as the company ensured the NRW reduction from 61% to 27% thus saving of over 40 million liters of drinking water per day. In many Indian cities, the average NRW is as high as 50% of the total water production which reduces the revenue and efficiency of water supply services. In an increasingly complex water situation, the water utilities in India needs to focus on ways of more efficient water management for maintaining water supply systems. Utilities which carefully and creatively use their water assets for strategic urban advantage will ultimately be more sustainable and competitive.

Subhash Sethi, Chairman, SPML Infra Limited said, “With ever reducing water sources and increasing demand complexities, it is essential that we rework on our priorities towards drinking water supply and resource development. The newly formed Jal Shakti Ministry is on the mission to provide clean drinking water to every household in the country and has been allocated good budget to ensure piped water supply un



Subhash Sethi, Chairman, SPML Infra Limited

I am very happy that SPML Infra Limited's expertise in water management and our strong credentials in infrastructure development will give us a clear edge over others to execute and deliver large value water supply projects. The number of water projects executed by us confirms the added-value solutions and expertise that we provide to our water utility and municipal clients. The company's competence, sectorial knowledge and pan India experience increases its ability to deliver several water infrastructure projects simultaneously. Our expertise in laying over 10,000 kilometers of water pipeline, construction and erection of high value pumping stations along with large number of urban and rural water supply projects will help us in executing water supply projects with precision and speed required to complete the mammoth task of connecting all households with piped water supply in next five years.

With the experience and execution capabilities, we were able to better address the key challenges in the water space. Considering the niche position we have created for ourselves; we intend to use it to expand our footprints in water projects. We are looking forward to continue our association with government ministries, municipalities and other implementing agencies to receive and execute new projects in water supply segment with integrated strengths of engineering, process technology and project management."