

## Dhannasar Water Supply Project

A Celebration Series of SPML's Signature Projects



## **PROJECT AT A GLANCE**

The Government of Rajasthan through Public Health Engineering Department (PHED), Churu awarded the work for the extension of existing water infrastructure to augment the drinking water supply to Ratangarh-Sujangarh & Fatehpur-Laxmangarh towns in Churu district. This project is envisaged to provide safe & potable drinking water to 6 towns & 431 villages of Churu district and 13 villages of Jhunjhunu district. This was part of the ambitious "Aapni Yojana" project of the government for water supply in the districts of Churu, Hanumangarh and Jhunjhunu of North Rajasthan. These districts are well known for ground brackish water which was the only source earlier and the same was affecting the health of large number of residents. Aapni Yojana was conceived to overcome the two major shortcomings, i.e. inadequacy and poor quality of ground water, and lack of community participation, which resulted in poor cost recovery and schemes suffered from sustainability.

Name of the Project	Integrated Water Supply Project Laxmangarh-Fatehpur & Ratangarh-Sujangarh
Client	Public Health Engineering Department (PHED), Churu
Contract Value	395.97 Crore
Scope of Work	Construction of 160 MLD Water Treatment Plant Construction of Raw Water Pumping Station with 900 KL Sump Construction of Clear Water Pumping Station Construction of 17500 KL Clear Water Reservoir Supply, Laying, Jointing, Hydro Testing of 94 kms transmission main of 1500 mm dia MS pipeline from Dhannasar to Sardarsahar All Civil, Electrical & Mechanical Works
Construction Period	3 Years
O&M Period	10 Years after commissioning

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The project is being executed in two phases. The phase 1 has been implemented and is serving drinking water in 378 villages and two towns located in northern tehsils of Churu districts and part of Nohar Tehsil. The phase 2 has two parts; Bungi-Rajgarh section and Ratangarh-Sujangarh section. This package is covering Fatehpur and Laxmangarh section in integration with Ratangarh-Sujangarh section.



**Corporate Office:** 

SPML House, Plot No. 65, Sector-32, Institutional Area, Gurgaon - 122001, Haryana Tel: +91-124-3944555 Fax: +91-124-3983201 info@spml.co.in, www.spml.co.in