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Steel Rebars

Elevators

Construction Software

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Pokhran Water Supply Project is a remarkable achievement given the situation of water availability in the area. Supply of drinking water has always been a matter of great concern in Rajasthan. SPML put committed and concentrated efforts to execute this project to make drinking water available to almost 1.2 million residents of 4 cities and 580 villages. Residents of these villages used to walk a few miles for a bucket of water. This is exactly where we have stepped in to aid the Rajasthan Government to solve the problem. SPML, with its leadership position in water sectors and inherent capabilities, is a trusted partner with state government and executing a number of important water supply and distribution management projects in Rajasthan.

SPML has also laid more 5000 kilometers of cross country water pipelines of various sizes and length in different geographical conditions. The strong and sustainable water infrastructure developed over the years has helped utilities in providing better and improved water supply to millions of residents. SPML is well poised to capitalize on the upcoming business opportunities, particularly in the infrastructure development for water supply and distribution management, waste water treatment, and sanitation sectors. These sectors are important for the economic and social development of the country.”

Rishabh Sethi, Chief Operating Officer, SPML Infra

POKHRAN WATER SUPPLY

“Pokhran Water Supply Project has received a number of national and international awards including Global Water Awards 2014 (Commendation), D&B Project Award, EPC World Award, Construction Week India Award among others”



Rishabh Sethi

The Pokhran-Falsoond-Balotra-Siwana (PFBS) Water Supply Project aims to provide sustainable source of potable water supply to over a million population of 580 villages (177 of Jaisalmer and 403 of Barmer districts) together with 3 towns namely Pokhran, Balotra and Siwana. In addition the PFBS shall also cater the bulk clear water demands of Defence, Industries etc.



List of Equipments	Qty.
Excavator 210	12 Nos.
Excavator/ Breaker 210	7 Nos.
JCB	6 Nos.
Crane (85 Ton)	1 Nos.
Hydra (14 Ton)	16 Nos.
D.G Set	10 Nos.
Welding Machine	50 Nos.
Tractor with Trolley	12 Nos.
Trailer	6 Nos.
Pressure Pump	8 Nos.
Max pullar	10 Nos.
RM 800	6 Nos.
Needle Vibretor	30 Nos.
Damper	12 Nos.
Pickup Vehicle	10 Nos.



The basic infrastructure of PFBS is designed to meet the drinking water demands projected up to the year 2023 except for the raw water carrier between PFBS outlet (on left bank of IGMC RD 1253.5) and WTP at Biliya, pump house civil structure and raw water reservoirs projected till year 2038.

Raw water is proposed to be drawn from RD 1253.5 of Indira Gandhi Munak Canal (IGMC) through PFBS outlet on left bank canal to be constructed by Irrigation Department of Govt. of Rajasthan. Besides necessary arrangement for its treatment, necessary storage of raw water is also constructed to meet the drinking water demand in the course of 30 days of canal closure in continuous stretch per annum.



AWARDS

POKHRAN WATER SUPPLY PROJECT HAS RECEIVED A NUMBER OF NATIONAL AND INTERNATIONAL AWARDS INCLUDING GLOBAL WATER AWARDS 2014 (COMMENDATION)

D&B PROJECT AWARD, EPC WORLD AWARD, CONSTRUCTION WEEK INDIA AWARD AMONG OTHERS.



The ground profile along the route of coverage area suggests rise in elevation from IGMC outlet to village Biliya (near Pokhran town) and continuously falling gradient on its downstream. The water treatment plant and clear water reservoir at village Biliya (near Pokhran) are proposed to provide clear water to the downstream locations benefiting 55 villages (out of 580) and all the three towns. Raw water for this purpose is proposed to be carried from outlet to village Biliya through pumping at two stages namely near outlet Highway (HW-1) and intermediate at village Ajasar of Pokhran. Water for the remaining 14 villages' en-route to raw water carrier is proposed to be supplied from HW-1 to HW-2 for which Water Treatment Plant of various capacities is already constructed. The raw water reservoir are constructed at all the three head works namely HW-1 near outlet, HW-2 at Ajasar and HW-3 at Biliya for the 30 days demand of beneficiaries from respective head works.

The outlet RD 1253.5 of IGMC shall be constructed by the Irrigation Department, Govt. of Rajasthan. The scope includes gravity main upto RWR-1, pumping of raw water near outlet (HW-1), at intermediate stage near village Ajasar of Tehsil Pokaran District Jaisalmer (HW-2), at HW-3 village Biliya (near Pokaran town); transmission system, raw water reservoirs at HW-1 & HW-2, water treatment plants, clear water reservoirs at HW-1, HW-2 and HW-3. ■

