

# Urban Water & Sanitation Weekly Newsletter

December 05, 2022 – December 11, 2022

Note: Rs 1 crore = Rs 0.01 billion; Rs 1 lakh = Rs 0.1 million; Rs 1,000 million = Rs 1 billion

## Policy and Programmes

- ❖ The **Central government** has **decided to appoint an independent agency to monitor the 'Jal Jeevan Survekshan 2023'** - a nationwide survey to track the implementation of its flagship program. The Jal Jeevan Survekshan 2023 will evaluate the functionality of the household tap water connections and whether they are receiving 55 litres of water per capita per day as per the prescribed standards of quality. In addition to this, the survey will also assess the grievance redressal systems, promptness of repairs, performance of water quality testing laboratories and sustainability of the water sources in the long run. The appointed agency will be required to interact with the Gram panchayats and local bodies to seek recommendations and feedback.

## Finance

- ❖ **Government of Karnataka** is in **process of obtaining funds** from the **World Bank** for its **rural and urban water projects**. The financial authority has agreed to approve a loan of \$517 million for these projects. The urban projects are expected to be implemented in tier II cities while the rural projects will be implemented across the state.

## Service Providers

- ❖ **Bihar government** has deployed the **sensor-based internet of things (IoT) technology** to keep track on its **'Har Ghar Nal Ka Jal'** project. This technology has been installed across 30 districts of the state to ensure continuous drinking water supply in rural areas under the project. Besides providing real-time data without any manual intervention, it will also be able to detect wastage or excessive use of water. IoT devices have been installed in 4,990 wards of the East Champaran district, 3,387 wards in Samastipur, 3,759 wards in Saran, 3,581 in Darbhanga and 3,055 wards in Patna along with other districts.
- ❖ **Indian Plumbing Association (IPA)** has signed an **agreement** with the **Indian Institute of Architects (IIA)** to **curate strategies for water conservation and combat the wastage of water**. The IPA has also signed a memorandum of understanding (MoU) with the Singapore Plumbing Society (SPS) to achieve the goal of zero wastage of water through various dynamic measures.
- ❖ **Gurugram Metropolitan Development Authority (GMDA)** has **approved the proposal** for the **rehabilitation of the Ambience mall-DLF Phase I master sewer line along National Highway (NH)-8 in Gurugram**. The project involves strengthening of 2.2 km long master sewer line of 1,000 mm diameter with cured-in-place pipe (CIPP) lining in a length of 292 m from Mousari road to National Media Center in Cyber City and in the master sewer line of 1,400 mm diameter of 1,895 m length from Cyber Hub towards IFFCO chowk. As of now, GMDA has completed the strengthening of 7 km of the master sewer line with CIPP technology and work on the next 7 km line is under process.

## Projects

- ❖ The **project of revival of ponds in Faridabad** has **stalled yet again** due to the **lack of funds**. Detailed project reports (DPRs) for as many as 20 projects were submitted but only two projects have undertaken work so far. The water bodies located in the civic limits are expected to have a storage capacity of 0.7 billion litres of water. The Municipal Corporation of Faridabad plans to develop around 50 ponds by the end of 2023.
- ❖ **Ion Exchange (India) Limited** has **won a contract worth Rs 3,433.6 million** from **Indian Oil Corporation Limited (IOCL)** for the **implementation of a zero liquid discharge plant** in its **Panipat refinery**. The scope of the project includes designing, engineering, manufacturing, supply, erection, testing, pre-commissioning, commissioning, performance guarantee test run and operation and maintenance (O&M) for five years of zero liquid discharge plant at Panipat Refinery. The project is to be commissioned within 16 months from the date of letter of acceptance (LOA).

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- ❖ **Water Resources Department (WRD), Tamil Nadu** has commenced the **rejuvenation work** for **Madurantakam lake**. The scope of the project involves desiltation of the lake to increase the storage capacity up to 791 million cubic feet (mcft). The silt would be used to form a bund in the foreshore area. The height of the foreshore lands would also be increased by using the silt. To allow the water flow in a controlled manner when the lake becomes full, the project would include a spillway with 12 shutters. Rejuvenation will ensure better drinking water supply for 38 villages around the district. It would also have a capacity to irrigate 3077.49 hectares (ha) of ayacut land. The estimated cost of the project is Rs 1.20 billion.
- ❖ **Central government** has approved the implementation of the **Ken-Betwa River link project** with **central support of Rs 393.17 billion**. The project is estimated at a cost of Rs 446.05 billion. Further to this, the pre-feasibility report of all 30 links has been completed and detailed project reports (DPRs) for eight links have been completed.
- ❖ **Construction work** on the **Dhapa water treatment plant (WTP) project- phase II** in **West Bengal** has commenced. It is likely to be completed by early 2024. The current capacity of the plant is 30 million gallons (mgd). The project involves the construction of a 20 mgd WTP which will enhance the capacity upto 50 mgd, 5 mg capacity clear water reservoir (CWR) cum pump house including 1.5 mg capacity raw water sump cum pump house and sludge handling system with a centrifuge at Jai Hind Jal Prakalpa Complex in Dhapa in the state of West Bengal on turnkey basis at an estimated cost of Rs 1.32 billion.
- ❖ **Public Health Engineering Department (PHED)** has completed the **detailed project report (DPR)** for the **drainage project in Hisar**. The drainage lines will be laid in Azad Nagar, Camry Road, Surya Nagar, Surajmal Enclave, Jawahar Nagar located in Millgate, Vidya Nagar, Professor Colony, Jain Park Pass, Ekta Park, Canal Office, Saiyan Mohalla, Rishi Nagar, Industrial Area, Model Town, Small Secretariat, Adarsh Nagar, Hanuman Colony, Satrod Khas, Pushpa Complex, New Anaj Mandi, Sunder Nagar, Vikas Nagar and Mehta Nagar. The estimated cost of the project is Rs 1.75 billion.
- ❖ **Sahaj Construction** has emerged as the **lowest bidder** for the **implementation** of the **Rewa sewerage network project** in **Madhya Pradesh**. The firms quoted an amount of Rs 2,648 million. Besides, Jayanti Super Construction Private Limited emerged as the second lowest bidder by quoting an amount of Rs 2,860 million. The bids for the same were invited by Rewa Municipal Corporation in October 2022. The scope of work involves survey, design, construction and commissioning of the sewerage network in Rewa municipal area including the provision of laying and joining of sewerage pipelines including the construction of manholes and sewer appurtenances, construction, supply, erection and commissioning of sewerage treatment plant (STP) and reinforced cement concrete (RCC) sump well among others. The estimated cost of the project was Rs 1227.5 million with a construction period of 24 months.

## Tenders

- ❖ **Municipal Corporation of Greater Mumbai (MCGM)** has extended the **bid due date** for the **implementation of Advanced Tertiary Treatment Plant (ATTP)** in **Colaba, Maharashtra**. The last date for bid submission has been extended from December 8, 2022 to December 28, 2022. The bids for the same were invited in November 2022. The scope of the project includes design, construction, operation and maintenance (O&M) of 12 million litre per day (mld) ATTP on pilot basis for recycle and reuse of water for direct potable purposes at Colaba wastewater reuse treatment facility with O&M period of 15 years on design, build and operate (DBO) model. The project is likely to be completed in 27 months.
- ❖ **Jharkhand Urban Infrastructure Development Company Limited (JUIDCo)** has extended the **bid due date** for the **construction of the Water Supply System at Medininagar, Jhumri Telaiya and Ranchi** under the **Jharkhand urban water supply improvement project**. The last date for bid submission has been extended from December 2, 2022, to December 13, 2022. Bids for the same were invited in October 2022.