

















MONTHLY NEWSLETTER

September 2023

Sikkim

Nagaland

New Delhi

Telangana

Tamil Nadu

Maharashtra

Chhattisgarh

Andhra Pradesh

Himachal Pradesh



WAPCOS PARTICIPATION IN GOVERNMENT OF INDIA SCHEMES

MISSION

Use of State-of-the-art Technical Expertise, Innovativeness and Capacity Building



Swachh Bharat Mission

- Goa
- Assam
- Gujarat



Revamped Reforms Distribution Sector Scheme

- Kerala
- Haryana
- Chhattisgarh
 - Uttar Pradesh



Smart City

- **Punjab**
- Assam
- Himachal Pradesh
- Mizoram
- Nagaland Rajasthan
- Tamil Nadu
- Maharashtra



Atal Mission for Reiuvenation

- and Urban
- **Transformation**
- Goa
- Assam
- Harvana
- Karnataka
- Uttar Pradesh

- Bihar
 - Odisha
 - Kerala
 - Gujarat
 - Rajasthan
 - Telangana
 - Meghalaya
 - Maharashtra
 - Andhra Pradesh Madhya Pradesh

Pradhan Mantri Awas Yojana

- Gujarat
- Rajasthan
- Tripura
- Andhra Pradesh
- Jharkhand
- Uttarakhand
- Chhattisgarh
 - Uttar Pradesh



Deen Dayal Upadhyaya Gram Jvoti Yoiana

- Bihar
- Kerala
- Manipur
- Harvana
- Andaman & Nicobar
- Meghalaya
- Puducherry
- Chhattisgarh

- Assam
- Sikkim
- Tripura
- Mizoram
- New Delhi
- Karnataka
- **Jharkhand**
- Nagaland
- Tamil Nadu
- West Bengal
- **Uttar Pradesh**
- Himachal Pradesh
- Jammu & Kashmir
- Maharashtra Arunachal Pradesh



Pradhan Mantri Matsya Sampada Yojana (PMMSY)

Gujarat



Integrated Power Development Scheme

- Goa
- **Odisha**
- Rajasthan
- **Uttar Pradesh**
- Jammu & Kashmir

Pradhan Mantri

Gram Sadak

Bihar

Uttarakhand

Yojana

- Goa Assam
- Gujarat
- Rajasthan
- **Jharkhand**
- Madhya Pradesh

DoWR.RD & GR



Pradhan Mantri Krishi Yojana

- Gujarat Setting up of PMU at Ministry of Jal Shakti,
- Sinchayee
- Mission
 - Namami Gange, Integrated Ganga Conservation
- Bihar
- West Bengal
- Uttarakhand

Assam

Punjab

- Uttar Pradesh
- Madhya Pradesh



Jal Jeevan Mission

- Gujarat
- Haryana
- Jharkhand
- West Bengal
- Chhattisgarh
- Andhra Pradesh
- Arunachal Pradesh
- Maharashtra Madhya Pradesh

Rajasthan

- Himachal Pradesh
- Jammu & Kashmir
- National PMU at Ministry of Jal
- Shakti



Fisheries & Aquaculture Infrastructure **Development Fund** (FIDF)

Gujarat



SAGARMALA Programme

Gujarat Maharashtra



Pradhan Mantri Khanij Kshetra Kalyan Yojana (PMKKKY)

Gujarat



MESSAGE



Mr. R.K. Agrawal, CMD, WAPCOS & NPCC

Dear Readers,

As we celebrated India's 77th Independence Day, it fills me with pride to share how WAPCOS is aligning with the nation's vision of holistic development and sustainable growth across diverse sectors. India's journey towards resilient economic growth, ensuring the benefits of development touch every citizen's life, is a mission we wholeheartedly support. Guided by this objective, the Government of India has introduced significant policy interventions to bolster the country's sustainable progress.

Our nation's enduring domestic demand, fortified by private consumption, robust investments, and unwavering government support, has propelled us onto the global stage as an economic force to be reckoned with. The core of our development model revolves around a sturdy manufacturing ecosystem, efficient power generation, improved transportation and infrastructure, and comprehensive initiatives aimed at uplifting marginalized communities.

In line with India's vision, WAPCOS is dedicated to reaching every corner, strategically contributing to projects that drive sustainable growth, particularly in the Water, Power, and Infrastructure sectors. Our global presence, backed by our expertise, empowers us to consistently deliver outcomes that matter.

We are equipped with the skills and knowledge necessary to provide Consultancy and Engineering Procurement and Construction (EPC) services for projects of varying sizes and complexities within our operational domains. Central to our ethos is providing clients with cutting-edge technology and technical insights. We offer support through feasibility studies, project management consultancy services, regional development, and more, thereby contributing to the broader reforms undertaken by the Government of India. Our persistent efforts are dedicated to advancing industry practices and finding tailored solutions for complex challenges.

In this month's newsletter, we share details of ongoing projects and significant events from the past month. On the occasion of Independence Day, National Flags were distributed to our employees, urging them to actively participate in the 'Har Ghar Tiranga' Campaign, a symbol of our collective patriotism. We celebrated Independence Day at the WAPCOS Office by hoisting our National Flag and remembering the patriotic ethos of India.

WAPCOS continues to receive significant opportunities to contribute to India's growth. We have been entrusted with various projects, including offering Project Management Consultancy (PMC) Services for Construction of Water Supply Scheme in Rorya-Tarime Town in Tanzania.

We have also been appointed to conduct Preliminary Study (Surveying, Environment Impact Study, Geotechnical Investigation, Designing and Consultancy etc.) of Koila Nallah Water Supply Scheme at Mannarghat, South Andaman and Develop a Comprehensive Integrated Scheme of Water Supply Arrangement for all Corridors (from Tughlakabad to Terminal-1 of IGI Airport, from Lajpat Nagar to Saket G Block, from Janakpuri to R.K. Ashram, from Majlis Park to Maujpur and from Inderlok to Indraprastha) of Delhi Metro Project of Phase-IV.

We have also been appointed to carryout Project Management Consultancy Services for the Development of Fishing Harbour at Navabandar, Gujarat and execute Healthcare Infrastructure projects in Kerala (Kerala Infrastructure Investment Fund Board funded).

We are striving towards more ambitious project engagements in the times to come.

R.K. Agrawal



UPDATES FROM MINISTRY OF JAL SHAKTI

4th Anniversary of Jal Jeevan Mission Celebrated with 'Special Guests' from 25 States/UTs

On the occasion of India's 77th Independence Day, during the historic speech of Prime Minister, Shri Narendra Modi from the ramparts of the Red Fort, 'special quests' from across the length and breadth of the nation were present symbolizing a microcosm of the entire nation. Among these special guests were grassroots implementers of the life changing 'Jal Jeevan Mission' from 25 States/ Union Territories (UTs) who are ensuring tap water coverage in rural households. These guests, from various walks of life such as sarpanch, plumber, pump operator, water meter reader and village water and sanitation committee members, travelled from different parts of the country to attend the iconic Independence Day ceremony. This initiative of the Union Government aims to acknowledge the efforts of 'Jan Bhagidari' and express gratitude to the 'common man' for contributing towards nation building in a truly democratic manner.

From the ramparts of the Red Fort, the Prime Minister in his Independence Day speech on 15th August 2023, spoke about the setting of the Ministry of Jal Shakti to ensure optimum utilization of precious water resources and also ensure that safe drinking water is made available in every rural household in the country. Prime Minister said, "We created the Ministry of Jal Shakti, which is laying emphasis on ensuring that pure drinking water reaches each and every countrymen of our country, water sensitive systems should be developed to protect the environment".

It was also the 4th Anniversary of Jal Jeevan Mission which was announced by the Prime Minister on 15th August, 2019. At that time only 3.23 crore rural households had access to tap water connection. In its 4-year long journey of provisioning clean drinking water, the Mission has ended the drudgery of 2/3rd rural households of the country with 12.83 Crore (66.73%) now having access to potable tap water.

At a function organized at the CGO Complex, New Delhi by the Department of Drinking Water and Sanitation, Ministry of Jal Shakti, the Union Minister for Jal Shakti, Shri Gajendra Singh Shekhawat felicitated the special guests and presented them with a memento. Addressing the guests, Shri Gajendra Singh Shekhawat said, "Under the visionary guidance of the Prime Minister, we have provided more than 12.83 Crore tap connections so far and the country is also moving rapidly towards Sampoorn Swachhata i.e., complete cleanliness, after declaring itself Open Defecation Free (ODF) on 2nd October 2019, now the target is to become





ODF Plus with solid liquid waste management and 60% of villages have already become ODF Plus." The Minister of State for Jal Shakti and Food Processing Industries, Shri Prahlad Singh Patel spoke on the collaborative effort made by the government, development partners, civil society and community in helping achieve the goal of provisioning tap water connection in every rural household.

The Secretary, Department of Drinking Water and Sanitation, Ms. Vini Mahajan, the Additional Secretary & Mission Director of Jal Jeevan Mission, Shri Vikas Sheel and the Director, Jal Jeevan Mission, Shri Y.K. Singh were also present at the function.



UPDATES FROM MINISTRY OF JAL SHAKTI

National Mission for Clean Ganga Approves 7 New Projects

The 50th meeting of the Executive Committee of the National Mission for Clean Ganga (NMCG) was held on 1st August 2023 under the chairmanship of DG, NMCG, Shri G. Asok Kumar where seven projects worth around Rs. 692 crore were approved. Out of the seven projects, four pertain to sewage management in Uttar Pradesh and Bihar. NMCG has so far sanctioned a total of 452 projects worth around Rs. 38,126 crore out of which 254 have been completed.

For sewage management in Uttar Pradesh, 3 projects worth Rs. 661.74 crore were approved in the meeting. These include creation of a 100 Million Litres per Day (MLD) STP in Lucknow along with Interception and Diversion (I&D) works under Hybrid Annuity Mode (HAM). Another project for I&D of balance discharge of Dariyabad Pipalghat and Dariyabad Kakahraghat drains and construction of a 50 MLD STP in Prayagraj was approved. This project costing around Rs. 186.47 crore will augment the existing treatment capacity of Naini STP in sewerage district-A in Prayagraj to 80 MLD. In a smaller project, a 6 MLD STP, I&D and other works in Hapur was also approved to stop the flow of Hapur city drain into River Kali, which is a tributary of River Ganga.

Two STPs (5 and 7 MLDs) at an estimated cost of Rs. 74.64 crore for tapping of Pipra ghat drain and Chhatiya ghat drain respectively along with I&D works was also approved in the 50th EC meeting for Raxaul town in Bihar. This project will abate pollution in Sirsiya River that originates in Nepal and enters Bihar at Raxaul in East Champaran district.

In an important step for effective management of water in urban areas, a project envisaging preparation of 60-70 Urban River Management Plans (URMPs) in two phases has also been approved costing around Rs 20 crore. During the first year, 25 URMPs shall be prepared and 35 URMPs shall be prepared during the second year. The first phase would cover 25 cities from 5 main stem Ganga basin states: Dehradun, Haridwar, Rishikesh, Haldwani and Nainital in Uttarakhand; Lucknow, Varanasi, Agra, Saharanpur and Gorakhpur in Uttar Pradesh; Patna, Darbhanga, Gaya, Purnea and Katihar in Bihar; Ranchi, Adityapur, Medininagar, Giridih and Dhanbad in Jharkhand and Asansol, Durgapur, Siliguri, Nabadwip and Howrah in West Bengal. This project is part of the River-Cities Alliance (RCA) under Namami Gange, which provides cities opportunities to cooperate, work together, learn from each other's best practices, share knowledge, thus paving the way for Gyan Bhagidari, which will lead to transformational solutions. This project will be World Bank funded. RCA





which started from 30 members in 2021 now has more than 140 members, including international cities.

In a first-of-its-kind project, one project was approved for initiation of M.Sc. Course in Freshwater Ecology and Conservation at Ganga Aqualife Conservation Monitoring Centre, Wildlife Institute of India, Dehradun at an estimated cost of Rs. 6.86 crore for 10 years. The proposal aims to develop a cadre of ecologists and field biologists, with expertise in freshwater ecology for effectively managing the freshwater resources and its biodiversity in India. The project addresses the need for scientific knowledge and skilled professionals in the field of freshwater ecology and conservation. It aims to train a new generation of field researchers and ecologists to effectively manage and conserve freshwater ecosystems in India. The project will offer a two-year M.Sc. Course in Freshwater Ecology and Conservation spanning four semesters. The curriculum will cover various aspects of freshwater ecosystems, their biodiversity, and the impact of drivers on these ecosystems. One project for the construction of an electric crematorium at Barkola, Kharagpur in West Bengal was also approved in the 50th



PROJECT UPDATE

Project Management Consultancy (PMC) Services for Construction of Water Supply Scheme in Rorya – Tarime Town in Tanzania

Client: Ministry of Water, Tanzania

Funding Agency: Government of Tanzania

Objective:

The overall objective of this project is to provide reliable drinking water supply to Rorya – Tarime Town in Tanzania.

Scope of Work:

- Raw Water Transmission System at the Lake Victoria to a design capacity of 29 MLD
- · Water Treatment Plant of capacity 28 MLD
- Construction of 4 nos. of Reservoirs (various sizes varying from 6000 cum to 3000 cum GSR & ESR 1000 cum with 18m height)
- Construction of Pumping Station 1 no.

During the construction supervision period, WAPCOS is performing the following activities:

- Coordination with the client and contractor for the smooth execution of contracts and render consultancy on technical matters
- Review & approval of construction design and drawings
- Day to day inspection of works being executed by the contractor at the site
- Ensure quality control of civil, electrical and mechanical works
- Ensure timely procurement and instructions to contractors to avoid delays and cost overruns
- Training & transferring the technology to the client's personnel to achieve objectives of the project i.e. sustainability on long term basis and socioeconomic development



Hardcore layer work at Tarime GSR



Status:

- Deputy Permanent Secretary conducted a site visit at Tarime GSR, Sirari ESR and Intake/ WTP on 17th July 2023
- Construction of Reservoirs is in progress
- Drilling of Borewell is in progress



PROJECT UPDATE

Preliminary Study (Surveying, Environment Impact Study, Geotechnical Investigation, Designing and Consultancy etc.) of Koila Nallah Water Supply Scheme at Mannarghat, South Andaman

Client: Andaman Public Works Department, Wimberlygunj

Project Brief:

The south Andaman area of Andaman & Nicobar Islands faces an acute shortage of water supply during summer from the month of Feb-May due to the drop in groundwater reserves at various locations. In spite of the fact that the mean annual rainfall is between 3200 to 3500 mm approximately water crises are a prevalent issue in these islands owing to the fact that most of the water from the rainfalls drains into the sea and a meagre quantity is left for use in the available catchments. With a view to tide over this situation the proposal for the construction of a dam on Koila Nallah at Mannarghat was envisaged by the Andaman & Nicobar Administration and the direction was issued for carrying out the topographical survey, foundation, investigation, construction programmes and E & FC and preparation of detailed estimate.

Status:

- Data collection has been completed
- The survey tender has been floated
- Geological data collection is in progress
- Hydrology analysis through desk study is nearing completion
- The pre-feasibility report is under preparation
- Data collection for EIA studies is in progress

Studies to be covered after the completion of the Pre-feasibility report:

- Geotechnical Investigations
- DPR Preparation
- EIA Studies
- EC Clearance







PROJECT UPDATE

To Develop a Comprehensive Integrated Scheme of Water Supply Arrangement for all Corridors (From Tughlakabad to Terminal-1 of IGI Airport, from Lajpat Nagar to Saket G Block, from Janakpuri to R.K. Ashram, from Majlis Park to Maujpur and from Inderlok to Indraprastha) of Delhi Metro Project of Phase-IV

Client: Delhi Metro Rail Corporation Ltd. (DMRC)
Funding Agency: Delhi Metro Rail Corporation Ltd. (DMRC)

Objective:

The objective of the study is to identify the reliable water source and ensure the supply of water required for Underground and Elevated Station of DMRC in Phase – IV.

Scope of Work:

- Data collection (hydro-geological data, historic behavior of ground water levels, surface geological data, hydro-chemical data, climatological data, collection of satellite imageries etc.),
- Identification of surface & ground water source
- Designing of water supply & conveyance system
- Assisting the client in getting clearances from different statutory & local bodies
- Preparation of tender documents on the basis of design and specifications for various works like borewells, raw water main, pump house, WTP, water conveyance system, GLSR / ESR etc.
- The project was further bifurcated into 3 different packages based on distribution of different metro corrdiors.
- Package 1: From Krishan Park Extension to Ashok Vihar and from Majlis Park to Maujpur
- Package 2: From Aerocity to Tughlakabad and from Derawal Nagar to RK Ashram
- Package 3: From Inderlok to Indraprastha and from Lajpatnagar to Saket G Block.

Status:

- Package 1 of the work is completed in all respects.
 As far as this package is concerned, the works upto the final milestone i.e. submission of Final Tender Documents has been successfully achieved.
- The work in respect of Package 2 and Package 3 of the project is currently in progress.











PROJECT UPDATE

Project Management Consultancy Services for the Development of Fishing Harbour at Navabandar, Gujarat

Client: Commissioner of Fisheries, Gujarat

APCOS Ltd has been entrusted by the Commissioner of Fisheries, Govt. of Gujarat with the consultancy assignment for the Development of Fishing Harbour at Navabandar, Gujarat. The Project aims for the development of Eastern and Western Breakwater having length 1051 m as per DPR (revised to 1276 m based on CWPRS revised report) and 975 m as per DPR (Revised to 1117 m based on CWPRS revised report) respectively at Navabandar to provide protection and tranquillity to harbour from high sea tides and currents and other infrastructure facilities. The project aims for development of Fishing harbour at Navabandar by construction of Breakwaters and other allied infrastructure facilities to 1,000 Fishing Boats (220 Nos. FRP Boats, 580 Nos. Dol Netters and 200 Nos. Trawlers) to ensure safe landing and berthing.



- Breakwaters
- Wharf Wall
- Beach Landing
- Dredging
- Auction Hall
- Administrative Building
- Net Mending Shed
- Boat Parking Area
- Toilet Blocks

Scope of Work:

- Project Monitoring and Review of Project Progress
- Supervision of Construction Works
- Quality Control Works
- Measurement of Executed Works
- Preparation and Certification of Running Bills

Status:

Work on the Eastern & Western Breakwaters is in progress. Eastern Breakwater, 1110 m of construction has been completed out of total of 1276 m i.e. 86% has been completed. Western Breakwater construction of 510 m (45%) out of total of 1117 m has been completed.









PROJECT UPDATE

Healthcare Infrastructure Projects being Executed in Kerala (Kerala Infrastructure Investment Fund Board Funding)

1. District Hospital, Chenganoor

Salient Features:

- Construction of B+G+5 Building
- No.of Beds 239 nos.
- Total area 12452 sq.m

Progress Achieved:

- First floor slab RCC: 80% completed
- Second floor slab RCC: 45% completed
- Masonry works, structural works above second floor, conduiting works are in progress
- Physical progress: 22.5%









2. District Hospital, Feroke

Salient Features:

- Construction of G+3 Building
- No.of Beds 54 nos.
- Total area 4337 sq.m
- Structure Completed
- Masonry works at SF and TF, plumbing work, electrical and ELV conduits laying are in progress
- Physical progress: 40%



PROJECT UPDATE

3. District Hospital, Pariyaram

Salient Features:

- Renovation of Super Specialty Building, Academic Block and Dental Block
- Parking, Roads and Street Light Works

Progress Achieved:

- 22 Wards and 9 Toilets of Super Specialty Building have been handed over to the Hospital Authority after the completion of renovation work
- 3 nos. Lift fully handed over
- Physical progress: 60%

4. District Hospital, Balussery

Salient Features:

- Construction of new Block B+G+3
- Vertical expansion of existing Block (G to G+1)
- No.of Beds 89 nos.
- Total area 4076 sq.m

Progress Achieved:

- A portion of Roof Slab (1/3rd) and one Stair RCC completed (55 cubic mtr)
- Ramp column footing work completed in vertical expansion block
- Physical Progress: 2%

5. Malabar Cancer Centre, Thalassery

Salient Features:

- Construction of 4B+G+9 Building
- No. of Beds 370 nos.
- Total area 51294.69 sq.m

Progress Achieved:

- Soil investigation completed
- Survey and site setting out in progress
- Site Office and Laboratory setup at site, arrangements for labour camp have been completed

CONT'D...















THE MONTH AT A GLANCE

14th August, 2023

on'ble Prime Minister of India, Shri Narendra Modi ji launched 'Har Ghar Tiranga' Campaign under the aegis of Azadi Ka Amrit Mahotsav to encourage people to bring the Tiranga to their homes and to hoist it.

Shri R.K. Agrawal, CMD, WAPCOS and NPCC distributed National Flags to employees and encouraged them to participate in 'Har Ghar Tiranga' Campaign and hoist at their homes.







THE MONTH AT A GLANCE

15th August, 2023

On the occassion of 77th Independence Day, Shri R.K. Agrawal, CMD, WAPCOS hoisted National Flag at WAPCOS Corporate Office, Gurugram.

Shri Pankaj Kapoor, Director (Finance); Shri Anupam Mishra, Director (Commercial & HRD); Shri Anupam Chandra, Chief Vigilance Officer and other officials of WAPCOS were also present. The occasion was celebrated by all officials with great enthusiasm and patriotism.









THE MONTH AT A GLANCE

24th August, 2023

Assistant Secretaries (IAS Officers of the 2021 Batch) from the Department of Water Resources, River Development & Ganga Rejuvenation (DoWR, RD&GR), Ministry of Jal Shakti, visited the New Delhi office of WAPCOS.

The visiting officers, Ms. Anamika (Uttarakhand Cadre), Ms. Apurva Tripathi (Bihar Cadre), Mr. Prakhar Kumar Singh (Uttar Pradesh Cadre), Mr. Suhas Laxman Gade

(Maharashtra Cadre), and Mr. Vispute Shrikant Yashvant (Jharkhand Cadre), who have recently joined as Assistant Secretaries in the Department of WR, RD&GR, Ministry of Jal Shakti, held a meeting with Mr. R.K. Agrawal, CMD of WAPCOS & NPCC. The meeting involved discussions where they were briefed about the functioning and operations of WAPCOS & NPCC.







EMPLOYEES OF THE MONTH

WAPCOS recognizes employees' efforts for exemplary contribution in achievement of Turnover, New Business and Payment Realization.

CONSULTANCY SEGMENT

Turnover



Mr. V.V. Prudhvi Raj Senior Engineer Infrastructure Division

New Business



Mr. P. Bala Manohar Reddy
Engineer
Environment Division

Payment Realization



Ms. Rajni Arora
Systems Officer
Infrastructure Division

CONSTRUCTION SEGMENT

Turnover



Mr. Ambrish Dubey
Senior Engineer
CMU-I Division

New Business



Mr. Ratnesh Kumar Pandey
Engineer Electrical
Centre for Environment

Payment Realization



Mr. Ravish Takkar
Junior Engineer
CMU-I Division

WAPCOS OPERATIONS ABROAD: PRESENCE IN OVER 50 COUNTRIES





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Insert Disclaimer: WAPCOS Limited is proposing, subject to receipt of requisite approvals, market conditions and other considerations, to make an initial public offer of its equity shares and has filed a draft red herring prospectus ("DRHP") with the Securities and Exchange Board of India ("SEBI"]. The DRHP is available on the website of SEBI at www.sebi.gov.in as well as on the website of the book running lead managers, IDBI Capital Markets & Securities Limited and SMC Capitals Limited, respectively, at https://idbicapital.com/index.asp and http://www.smccapitals.com/and the websites of the stock exchange(s) at www.nseindia.com and www.bseindia.com, respectively. Potential investors should note that investment in equity shares involves a high degree of risk and for details relating to such risk, see "Risk Factors" of the RHP / Prospectus, when available. Potential investors should not rely on the DRHP for any investment decision."