

# *e-Sanchar*



MONTHLY  
NEWSLETTER  
**NOVEMBER 2023**

# 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
- Uttar Pradesh



### Atal Mission for Rejuvenation and Urban Transformation

- Goa
- Assam
- Haryana
- Karnataka
- Uttar Pradesh

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



### Pradhan Mantri Awas Yojana

- Tripura
- Andhra Pradesh

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



### Deen Dayal Upadhyaya Gram Jyoti Yojana

- Bihar
- Kerala
- Manipur
- Haryana
- Andaman & Nicobar
- Meghalaya
- Puducherry
- Chhattisgarh
- Maharashtra

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



### Pradhan Mantri Matsya Sampada Yojana (PMMSY)

- Gujarat



### Integrated Power Development Scheme

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

- Sikkim
- Nagaland
- New Delhi
- Telangana
- Tamil Nadu
- Maharashtra
- Chhattisgarh
- Andhra Pradesh
- Himachal Pradesh



### Pradhan Mantri Gram Sadak Yojana

- Bihar
- Uttarakhand

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



### Pradhan Mantri Krishi Sinchayee Yojana

- Gujarat
- Setting up of PMU at Ministry of Jal Shakti, DoWR, RD & GR



### Namami Gange, Integrated Ganga Conservation Mission

- Bihar
- West Bengal
- Uttarakhand
- Uttar Pradesh
- Madhya Pradesh



### Jal Jeevan Mission

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

- Assam
- Punjab
- Rajasthan
- Maharashtra
- Madhya Pradesh
- Himachal Pradesh
- Jammu & Kashmir
- National PMU at Ministry of Jal Shakti



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

- Gujarat



### SAGARMALA Programme

- Gujarat
- Maharashtra



### Pradhan Mantri Kisan Kshetra Kalyan Yojana (PMKKKY)

- Gujarat



## MESSAGE



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

**Dear Readers,**

India has embarked on the path of having a strong economic growth while ensuring that the rewards of development shape the lives of all citizens. In this direction, the Government of India has brought in valuable policy interventions to enhance the sustainable growth of the nation. These initiatives have been around robust manufacturing eco-system, power generation, transportation and infrastructure. In fact, India's continuing domestic demand, strong private consumption and public and private investments in consort with ongoing financial support from the Government have helped it mature into one of the world's greatest economies.

We, at WAPCOS, consider it to be our duty and pride to work towards enhancing the Water, Power and Infrastructure sectors in an effort to increase the quality of life of every Indian citizens with all-inclusive welfare. Our strong global presence has enabled us to provide customized solutions to complex and diverse assignments to our clients both in India and abroad. We have necessary skills and knowledge to offer Consultancy and Engineering Procurement and Construction (EPC) services for projects of any size and complexity in the fields in which it operates.

WAPCOS believes in providing the clients with the best cutting-edge technology and technical know-how. By assisting them with feasibility studies, master plans, regional development plans, etc., we have also enhanced the reforms for the Government of India. We continue to work diligently to advance the industry, ensuring that each area receives exclusive solutions to challenging problems. Like always, we bring you the monthly newsletter with updates on the projects and activities we have undertaken.

This newsletter also covers the glimpses of meeting held with H. E. The President of United Republic of Tanzania and other dignitaries of Tanzania during their visit to India from 9<sup>th</sup> to 11<sup>th</sup> October 2023.

WAPCOS has also celebrated the 'Swachhata Hi Seva Campaign 2023' initiated by the Hon'ble Prime Minister, wherein we organised Shramdaan Drive – Ek Tareekh, Ek Ghanta, Ek Saath campaign at Chowpatty Beach, Mumbai, Maharashtra; Pettah, Thiruvananthapuram, Kerala and Shankumugham Beach, Thiruvananthapuram, Kerala. We also conducted a Cleanliness Drive in different sections and units at our Gurugram Office Complex.

A conference on "Special Campaign 3.0 and Preventive Vigilance" has been organised by WAPCOS on 30<sup>th</sup> October 2023 at Garvi Gujarat Bhawan, Akbar Road, New Delhi. Also, we are celebrating the run up to the upcoming Ayurveda Day.

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

**R.K. Agrawal**



## MINISTRY UPDATE

### 'Shramdaan for Swachhata' at Chhath Ghat, ITO, New Delhi

As part of the ongoing Swachhata Hi Seva (SHS), 2023 campaign and taking inspiration from Prime Minister, Shri Narendra Modi's clarion call for 'Ek Tareekh Ek Ghanta Ek Saath', the Department of Water Resources, River Development and Ganga Rejuvenation (DoWR) along with National Mission for Clean Ganga (NMCG) organized a cleanliness drive at Chhath Ghat, ITO on 1<sup>st</sup> October 2023 (eve of Gandhi Jayanti). The Secretary, DoWR, Ministry of Jal Shakti, Smt. Debashree Mukherjee, Director General, National Mission for Clean Ganga, Shri G. Asok Kumar along with senior officials participated in the cleanliness drive. A Swachhata Pledge was administered to the gathering and participants were also sensitized about the importance of clean rivers through nukkad natak on the ghat. Around 1000 people joined the drive and more than 6000 kilogram of waste was collected.

Smt. Debashree Mukherjee said that the involvement of communities is crucial to 'Swachhata Hi Seva' campaign and several NGOs, youth groups, children participating in the event is inspiring. Shri Asok Kumar, DG, NMCG said that the event is being organized as part of the 'Swachhata Hi Seva' campaign that will culminate 2<sup>nd</sup> October 2023 on Gandhi Jayanti which will be observed as Swachh Bharat Divas across the country. "It is the duty of each one of us to keep our rivers and water bodies clean," he said. Shri Kumar said that this is also part of the Clean Yamuna campaign being run by NMCG for the 22 km Delhi stretch from the past one-and-a-half year.

The organizations of the Ministry of Jal Shakti including National Water Mission, Central Water Commission, Central Groundwater Board, CSMRS, NWDA, WAPCOS, NPCC etc. also took part in the cleanliness drive. Officials from Delhi Jal Board (DJB), Municipal Corporation of Delhi (MCD), volunteers from NGOs Tree Craze, YSS,



SYA, YPF, FOY, Paryavaran Sanrakshan, Bharatiyam, Saksham Bhoomi Foundation, school and college students, volunteers from Ganga Vichar Manch also joined hands with NMCG to make the event successful. The focus during the drive remained on freeing the ghat from any kind of solid waste. A similar cleanliness drive was also organised by NGOs at Kalindi Kunj ghat in South Delhi. Similar events were also organised along the ghats of River Ganga and its tributaries along the Ganga Basin. Swachhata Hi Seva drives were also undertaken at the Namami Gange Sewage Treatment Plants (Nirmal Jal Kendras) premises in the Ganga Basin by the executing agencies.





## MINISTRY UPDATE

### The 3<sup>rd</sup> International Conference on 'River Health: Assessment to Restoration (RHAR)' at IIT (BHU), Varanasi



The IIT (BHU) Varanasi hosted the 3<sup>rd</sup> International Conference on 'River Health: Assessment to Restoration (RHAR)' on 12<sup>th</sup> October 2023 under the theme "Moving towards Water Positive Regions and Water Smart Cities." The inaugural session was graced by notable figures like Shri Swatantra Dev Singh, the Hon'ble Minister of Jal Shakti, Uttar Pradesh, Shri Asok Kumar, DG, National Mission for Clean Ganga (NMCG), and Mr Freddy Svane, Ambassador of Denmark to India alongside esteemed Professors from IIT BHU. Joining virtually, Shri Davendra P. Mathuria, ED(T), NMCG, highlighted the significance of the Indo-Danish Smart Lab for Clean River (SLCR) and its upcoming role in enhancing the health of Varuna River.



The Conference witnessed an exciting convergence of expertise and innovation, paving the way towards Water Positive Regions and Water Smart Cities. The Hon'ble Minister, Shri Swatantra Dev Singh, shared his wisdom with the enthusiastic youth in attendance, offering a unique blend of experience and academia. Shri Asok Kumar welcomed the participants and shared the remarkable achievements of NMCG. Other NMCG officials also joined the event.



## PROJECT UPDATE

### Project Management Consultancy (PMC) Services for Construction of Water Supply Scheme at HTM National Water Project Area & Korogwe, Muheza, and Pangani Towns, Tanzania

**Client:** Ministry of Water, Tanzania

**Funding Agency:** Government of Tanzania.

#### Objective:

The objective of this work is to execute a water supply project for supplying water from Pangani River to HTM National Water project area and Korogwe, Muheza, and Pangani towns and adjoining villages in Tanga region.

#### Main Components:

- Clear Water Transmission Main MS Pipelines of 189km of various diameter ranging from 150mm to 800mm.
- 51MLD WTP at Pangani River.
- 2 Nos. of Elevated Service Reservoirs (ESR) for different capacities starting from 200cum to 500cum.
- 6 Nos. of Ground Service Reservoirs (GSR) for different capacities starting from 200cum to 2000cum.
- 2 Nos Booster pumping stations of 800 cum and 500cum capacities of sumps.

#### Scope of Work:

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

#### Status:

- Excavation in Boza ESR 500cum in progress
- DN 600mm, PN (10, 16, 20) MS Pipes 55km reached at site



EXCAVATION IN BOZA ESR 500CUM



PIPE STORAGE AT HANDENI



DURING CLEARANCE OF ROW OF CWTM



## PROJECT UPDATE

### Preparation of Feasibility Reports, Climate Proof Engineering Designs, Drawings and Construction Supervision of Green Climate Fund (GCF) Funded Irrigation Schemes Under LOT 02 in Zimbabwe

**Client:** United Nations Development Programme (UNDP)

**Location:** The project locations are spread across 4 districts in Masvingo Province, Zimbabwe

#### Objective:

The key components of project focus on design and implementation of climate proof irrigation infrastructure for enhanced water security under climate change impacts through the revitalization of 7 irrigation schemes consisting of 6 new irrigation schemes and 1 existing irrigation scheme to be established. The schemes are distributed across 4 districts in Masvingo Province, Zimbabwe. The project will contribute to the development of climate-resilient land and water management systems for smallholder households in irrigated lands.

#### Scope of Work:

Stage A:

- Conducting pre-feasibility study of the proposed 2 nos. of schemes including SEIA studies, preliminary design calculations, drawings, Economic and financial analysis of the recommended design options, BOQs, confidential project cost estimates, project implementation and construction schedules.
- Preparation of IMC capacity building plan and training programme for desired schemes along with preparation of operation and maintenance manual.
- Preparation of tender document for selection of contractor for execution of the project based on standard bidding documents acceptable to UNDP.

Stage B:

- Construction supervision services for all the Irrigation Schemes.

#### Main Components:

- Providing climate-proof designs for 7 Nos of Irrigation Schemes.
- Construction of Weir in one of the Irrigation Schemes.
- Construction of Pumphouses
- Installation of Center-Pivot and Semi-Permanent Sprinkler Systems in the irrigation fields.



Site Visits of Dol and WAPCOS Team



Proposed weir location at one of the Irrigation Schemes



Visit of WAPCOS team for one of the sites as a part of Construction Supervision

#### Present Status:

WAPCOS has successfully completed the Stage A of the project i.e., preparation of Feasibility Reports and Draft Tender Documents by December 2022.

Now WAPCOS is providing Construction Supervision services i.e., Stage B of the Project from September 2023 after UNDP awarded 3 works out of 7 to the contractors in the initial phase. The remaining works are expected to be awarded to the contractors by the end of January 2024.

## PROJECT UPDATE

### Review and Update of the Detailed Engineering Designs and Construction Supervision of the Proposed Waste Water Infrastructure for Tanga City, Tanzania

**Client:** Ministry of Water, Tanzania

**Location:** Tanga City, Tanga Region, Tanzania

**Funding Agency:** World Bank

#### Objective:

Tanga City has been experiencing population and economic growth in recent years. Based on projections, the city's population is estimated to reach 871,209 people by the year 2055, which aligns with the projected city population within the design period.

The rapid development has led to a significant increase in sewage and solid waste production, but due to the absence of sewage treatment facilities and solid waste collection and disposal systems, this increase cannot be adequately managed. Consequently, it has led to the pollution of drains and groundwater and a deterioration of sanitary conditions in the City.

The objective of this assignment is to review and update the existing detailed engineering designs of the wastewater management infrastructure for Tanga City. This includes the preparation of tender documents for works contracts. The project is expected to result in an improved wastewater management system for the City of Tanga.

#### Scope of Work:

- Review of the existing design and drawings provided by TANGA Uwasa and updating it to suit the present as well as future conditions
- Review and updating of the cost estimates as per the updated design and drawings
- Ensure that the design complements proposed off grid sanitation designs
- Prepare tender documents for solicitation of the contractor(s) to undertake the construction activities of the proposed infrastructures
- Identify sanitation equipment to be used for the provision of sanitation services in Tanga City e.g., cesspit emptiers, jetting equipment, power roder machine and other equipment for sewer line cleaning and O&M prepare their specifications and bidding documents for procurement.



Site Visit of TUWASA and WAPCOS



Discharge Pipe into the Sea at Raskazone (Jet Sea Outfall)



Identification of Control Point at Railway Station

#### Main Components:

The Project area shall be treated by biological process in a simple non-mechanical treatment plant, with waste stabilization ponds.

- Two WWTPs have been constructed at UTOFU 13 MLD Capacity and Machui 34 MLD capacity
- The total sewer network of the project is 375.55 kms (Zone A- 111.452 kms and Zone B- 264.098 kms). The diameter of the sewer pipe varies from 160 mm to 1000 mm
- The total number of Manholes proposed in this project is 7464 No's (Zone A-3732 and Zone B- 3732). The diameter of the man hole varies from 900mm to 1800mm.

#### Present Status:

The final DPR was submitted to the client in the month of April 2023. DPR scrutiny is under progress. Tender documents were also submitted to the client to float the tender. The project is expected to commence next year in 2024.



## PROJECT UPDATE

### Project Management Agency (PMA) for Adani Wind Energy MP One Pvt. Ltd. (AWEMOL, formerly SBESS Services Projectco Two Pvt. Ltd.) – Financial Assistance Sanctioned for Setting Up 326.7 MW Wind Energy Project in Madhya Pradesh.

**Client:** Power Finance Corporation (PFC)

**Location:** The site is located at Dhar, Madhya Pradesh

#### Objective:

The main objective is to provide PMA services for the power project, to carry out overall review and monitoring of physical and financial progress of the project. Adani Wind Energy MP One Pvt. Ltd. is developing a Wind Power Plant totaling 326.7 MW capacity. This will provide a renewable source of energy and electricity to the national grid.

#### Scope of Work:

##### Acquaintance Stage

- Review of Supply, Construction & Service contracts
- Review of Warranties/Guarantees
- Review of Clearances/Permits/Approvals
- Review of O&M Contacts and Arrangements
- Review of Physical Progress, including major punch points items
- Review of Land Availability and Adequacy
- Review of Generation Estimate.
- Review of Power Purchase Agreement.
- Submission of Acquaintance Stage/Due Diligence Report

##### Construction and Commissioning Phase

- Review & Monitoring of project progress.
- Subsequent Drawdown review.
- Issue Drawdown Certificate request.
- Review of the quality of the project work.
- LoC Drawdown review.

##### Post-Commissioning Phase

- Review of the Operational Performance & Operational Technical review of the project

#### Salient Features:

- To carry out overall review and monitoring of physical progress of the project including Periodic review, assessment, analysis and reporting of project progress status to achieve various project milestones in timely manner
- Review of financial progress and monitoring of fund utilization for the Power projects.
- Qualitative and Performance assessment review of the project till 5th year of operation since commissioning

#### Present Status:

The project has been declared commissioned by SECI vide its commissioning cum COD certificate dated 10.09.2022 & 18.09.2022 for part commissioning of 251.1 MW & 73.3 MW capacity respectively. The project is under operational phase & scheduled O&M phase works are in progress.



Project Team site Visit



Wind Turbine Tower



Wind Turbine



Pooling Switchyard 33/220 KV



Project Control Room

## PROJECT UPDATE

### Project Management Agency (PMA) for Financial Assistance to Sunstream Green Energy One Pvt. Ltd & Sunridge Green Energy One Pvt. Ltd. Rupee Term Loan Proposals for their 02 Nos. (25MW and 5 MW) of Solar PV Power Projects in Maharashtra.

**Client:** Power Finance Corporation (PFC)

**Location:** The sites are located at Solapur, Osmanabad and Jalna, Maharashtra.

#### Objective:

The main objective is to provide PMA services for the power project, to carry out overall review and monitoring of physical and financial progress of the project. Sunstream Green Energy Pvt. Ltd. is developing a Solar Power Project totaling 30 MW (AC) capacity. This project will provide renewable energy to the decentralized power sector for irrigation purpose under Mukhymantri Saur Krushi Vahini Yojana (MSKVY) of Maharashtra.

#### Scope of Work:

As a PMA, WAPCOS has to carry out overall review and monitoring of entire project progress and provide advisory services to PFC. WAPCOS has to provide the following reports after site visits:

#### a. Acquaintance Stage Submission of 01 Nos. Acquaintance Stage/Due Diligence Report which includes -

- Review of Supply, Construction & Service contracts.
- Review of Warranties/Guarantees
- Review of Clearances/Permits/Approvals
- Review of O&M Contacts and Arrangements
- Review of Physical Progress, including major punch points items
- Review of Land availability and adequacy
- Review of Generation Estimate
- Review of Power Purchase Agreement

#### b. Construction and Commissioning Phase

- Submission of 01 Nos. each Construction and Commissioning Report
- Review & Monitoring of project progress
- Subsequent Drawdown review
- Issue Drawdown Certificate request
- Review of the Quality of the project work
- LoC Drawdown review

#### c. Post-Commissioning Phase

- Review of the Operational Performance & Operational Technical review of the project
- Submission of half yearly Review Reports Post-Commissioning of projects



Project Team site Visit



PMA and Client PFC Teams Joint Site Inspection



Installed Inverter Duty Transformer (IDT) of 5 MVA Capacity



## PROJECT UPDATE

CONTD...



Completed ICR And MCR Building

### Present Status:

The project has been declared commissioned by MSEDCL on 02.09.2023 of 30 MW capacity. The project is under operational phase & scheduled O&M phase works are in progress. Also, allied infrastructure work for the solar Plants are ongoing including internal road works, module cleaning system, storm water drainage system, implementation of SCADA etc.



Completed Erection of Solar PV Module Array

## PROJECT UPDATE

### Execution of Distribution Infrastructure Including Unauthorized Layouts/ Localities/ Slum in Nagpur City Under AMRUT

**Client:** Nagpur Municipal Corporation, Nagpur (NMC)

**Location:** The project site is located all across Nagpur city

#### Objective:

The main objective is to make Nagpur city tanker-free. Nagpur Municipal Corporation used to provide water tankers free of charge to areas, localities, and slums where there is no piped water network. The entire expenditure for water tankers is borne by the Corporation itself. Another major objective is to increase the pressure in the existing pipeline system to facilitate a 24x7 water supply system in Nagpur city.

#### Scope of Work:

- Construction of Elevated Service Reservoirs (ESRs) of 10 Lakh Litres to 25 Lakh Litres capacity, 16 No's at different localities
- Providing new feeder mains of 14 Km (Approx.) length using Ductile Iron (K9 class) Dia 400 to 600 mm
- Providing Proposed Internal Water Distribution System for 377.84 Km length using HDPE (PE100 of PN10) 110 mm to 315 mm dia (365.364 Km) and DI (K7- class) pipe above 100 mm to 600 mm dia (12.46 Km).

#### Present Status:

- Out of 16 ESRs, 8 have been commissioned and are providing continuous drinking water to nearby localities. Out of these 8 ESRs, 4 ESRs were inaugurated by Shri Nitin Gadkari, Hon'ble Minister of Road Transport and Highways, Govt. of India. The other ESRs are almost at the completion stage.
- 10.8 km feeder main laid out of 14 km.
- 364.185 km of distribution has been laid of total of 377.84 km. Major pipelines were installed in slum areas, reducing the need for free water tankers provided by NMC. As a result, NMC is now generating revenue from these areas by providing metered water connections.
- Physical progress of the Project is 90.10%. The project is expected to be completed by January 2024.





## PROJECT UPDATE

### Detailed Engineering Design and Supervision for Tranche 3, Ulaanbaatar Urban Services and Ger Areas Development Investment Program, Mongolia

**Client:** Ulaanbaatar Urban Services and Ger Areas Development Investment Program

**Location:** Tolgoit & Sharkhad

#### Objective:

Tranche 3 project is the exit phase of Ulaanbaatar Urban Services and Ger Areas Development Investment Program which aims to promote an inclusive peri-urban development in Ulaanbaatar City's ger areas. Tranche 3 target sub-centers are located in the western and eastern parts of Ulaanbaatar, namely Tolgoit and Sharkhad area. The project is financed by ADB, EIB and the Government of Mongolia. The executing agency is Municipality of Ulaanbaatar (MUB) and WAPCOS is providing Consulting Services, Detailed Engineering Design and Supervision

The project will deliver direct benefit to the majority of the residents in Sharkhad (124 ha) and Tolgoit (150 ha) subcenters and beyond. Approximately 49,900 residents within both subcenters are likely to receive direct benefits of project on a daily basis and indirect beneficiaries would include around 142,452 people.

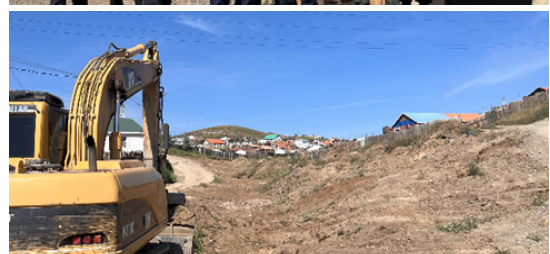
#### Scope of Work:

Objectives of the consulting services are summarized into 4 main areas:

- Detailed Engineering Designs and Procurement Support
- Preparation / revision and implementation support of the land acquisition and resettlement plan, Social Safeguard and Gender Assessment and action plans
- Construction Supervision, and
- Preparing/revision of Environmental assessments and reports, preparing and implementing support of the environmental management plan.

#### Main Components:

- Road Network including local auxiliary road, main road and bridge (Sharkhad- 8.1 km, Tolgoit- 3.27 km)
- Flood Protection Channels (Sharkhad- 2.1 km, Tolgoit- 4.88 km), Sediment Retention Pond, Storm drainage (Sharkhad-14 km)
- Water Supply Pipeline (Sharkhad- 8.1 km, Tolgoit-5.61 km) and Sewerage Network including Pumping Stations (Sharkhad- 4.3 km, Tolgoit- 4.74 km)
- District Heating Network with supply lines and Heating Sub-station (Sharkhad-6.5 km, Tolgoit- 3.93 km)
- Telecommunication Network – Fiber optic cable (Sharkhad-10km, Tolgoit-7.14 km) and Data Centers
- Power Supply Network- Transmission lines (Sharkhad-4.47 km, Tolgoit-90km), Switchgear facilities, and transformer enclosed substation



#### Present Status:

The project is in Construction Supervision Stage. The Pre-Tenders Cost Estimates and Supporting Tender Documents for 11 Packages under Tolgoit Sub-Center has already been floated on Mongolian Procurement Portal. And as of now, the works have been awarded to contractors for 2 packages - TFP-A & TRDH-11C

## PROJECT UPDATE

### Construction of Eklavya Model Residential School (EMRS), Thethaitangar, Dist. Simdega, Jharkhand

**Client:** Construction of Eklavya Model Residential School (EMRS)

**Location:** Thethaitangar, Dist. Simdega, Jharkhand

#### Objective:

The National Educational Society for Tribal Students (NESTS) has been established to impart quality education to Scheduled Tribe children through the establishment of Eklavya Model Residential Schools (EMRS) in remote areas to enable them to avail high and professional educational courses and get employment in various sectors. The school's focus is not only on academic education but on the all-round development of the students and has special facilities for preserving local art and culture besides providing training in sports and skill development. Each school has a capacity of 480 students, catering to students from Class VI to XII.

#### Scope of Work:

WAPCOS is developing EMRS Schools in the states of Jharkhand, Meghalaya, Odisha, Chhattisgarh and Tamil Nadu for the Ministry of Tribal Affairs, Government of India. In this context, NESTS appointed WAPCOS for the work of Construction of Eklavya Model Residential School (EMRS), Thethaitangar, Dist. Simdega, Jharkhand worth a total of Rs. 37.82 crores with the scope from Concept to Commissioning.

#### Salient Features:

- **Land Area:** 9 acres
- **Major Buildings:** School Buildings (G+1), Boy's and Girl's Hostel (G+1), Boy's and Girl's Warden Residence, Kitchen and Dining, Principal Quarter, Type III Quarters (G+1) - 15 Nos. Qtrs, Type II Quarters (G+2) - 10 Nos. Qtrs
- **Sports facilities:** Running track, Volleyball and Basketball Court, Archery Ground
- **External Development works:** Boundary wall, Internal roads, Water Supply and Sewerage System, 1 DG set of 62.5 kVA and Transformer 250 kVA

The Hon'ble Union Minister of Tribal Affairs Shri Arjun Munda laid the Foundation Stone of Eklavya Model Residential School (EMRS), Thethaitangar, Dist. Simdega, Jharkhand on 12<sup>th</sup> October 2023.





## PROJECT UPDATE

### Construction of Eklavya Model Residential School (EMRS), Kolebira, Dist. Simdega, Jharkhand

**Client:** Construction of Eklavya Model Residential School (EMRS)

**Location:** Kolebira, Dist. Simdega, Jharkhand

#### Objective:

The National Educational Society for Tribal Students (NESTS) has been established to impart quality education to Scheduled Tribe children through the establishment of Eklavya Model Residential Schools (EMRS) in remote areas to enable them to avail high and professional educational courses and get employment in various sectors. The school's focus is not only on academic education but on the all-round development of the students and has special facilities for preserving local art and culture besides providing training in sports and skill development. Each school has a capacity of 480 students, catering to students from Class VI to XII.

#### Scope of Work:

WAPCOS is developing EMRS Schools in the State of Jharkhand, Meghalaya, Odisha, Chhattisgarh and Tamil Nadu for the Ministry of Tribal Affairs, Government of India. In this context, NESTS appointed WAPCOS for the work of Construction of Eklavya Model Residential School (EMRS), Kolebira, Dist. Simdega, Jharkhand worth a total of Rs.38.53 Crores with the scope from Concept to Commissioning.

#### Salient Features:

- **Land Area:** 12 acres
- **Major Buildings:** School Buildings (G+1), Boy's and Girl's Hostel(G+1), Boy's and Girl's Warden Residence, Kitchen and Dinning, Principal Quarter, Type III Quarters(G+1)- 15 Nos. Qtrs., Type II Quarters (G+2) - 10 Nos. Qtrs.
- **Sports facilities:** Running track, Volleyball and Basketball Court, Archery Ground
- **External Development works:** Boundary wall, Internal roads, Water Supply and Sewerage System, 1 DG set of 62.5 kVA and Transformer 250 kVA

The Hon'ble Union Minister of Tribal Affairs Shri Arjun Munda laid the foundation stone of Eklavya Model Residential School (EMRS), Kolebira, Dist. Simdega, Jharkhand on 13<sup>th</sup> October 2023.



## THE MONTH AT A GLANCE

5<sup>th</sup> October 2023

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hri R. K. Agrawal, CMD, WAPCOS met H.E. Mrs. Anisa Kapufi Mbega, High Commissioner of the United Republic of Tanzania to India on 5<sup>th</sup> October 2023 to brief about WAPCOS operations in Tanzania and discuss issues of mutual interest.





## THE MONTH AT A GLANCE

10<sup>th</sup> October 2023

During the State visit of H.E. The President of Tanzania to India, Shri R.K. Agrawal, CMD WAPCOS had a meeting with H.E. Mr. Jumaq Hamidu Aweso, Minister of Water and Irrigation, Tanzania on 10<sup>th</sup> October 2023 regarding status of ongoing water supply projects being implemented through the support of Government of India.

The Permanent Secretary and Directors from Ministry of Water and Irrigation, Tanzania and other senior officials from WAPCOS were also present.





## THE MONTH AT A GLANCE

**10<sup>th</sup> October 2023**

During the State visit of H.E. The President of Tanzania to India, Shri R.K. Agrawal, CMD WAPCOS had a meeting with H.E. Prof. Kitila A. Mkumbo, Minister of State, President's Office, Planning and Investment, United Republic of Tanzania on 10<sup>th</sup> October 2023.



**10<sup>th</sup> October 2023**

Shri Anupam Mishra, Director (Commercial & HRD), WAPCOS attended India Tanzania Investment Forum Business meeting organised by MEA /FICCI /CII/ASSOCHAM coinciding with the State visit of H.E the President of Tanzania on 10<sup>th</sup> October, 2023



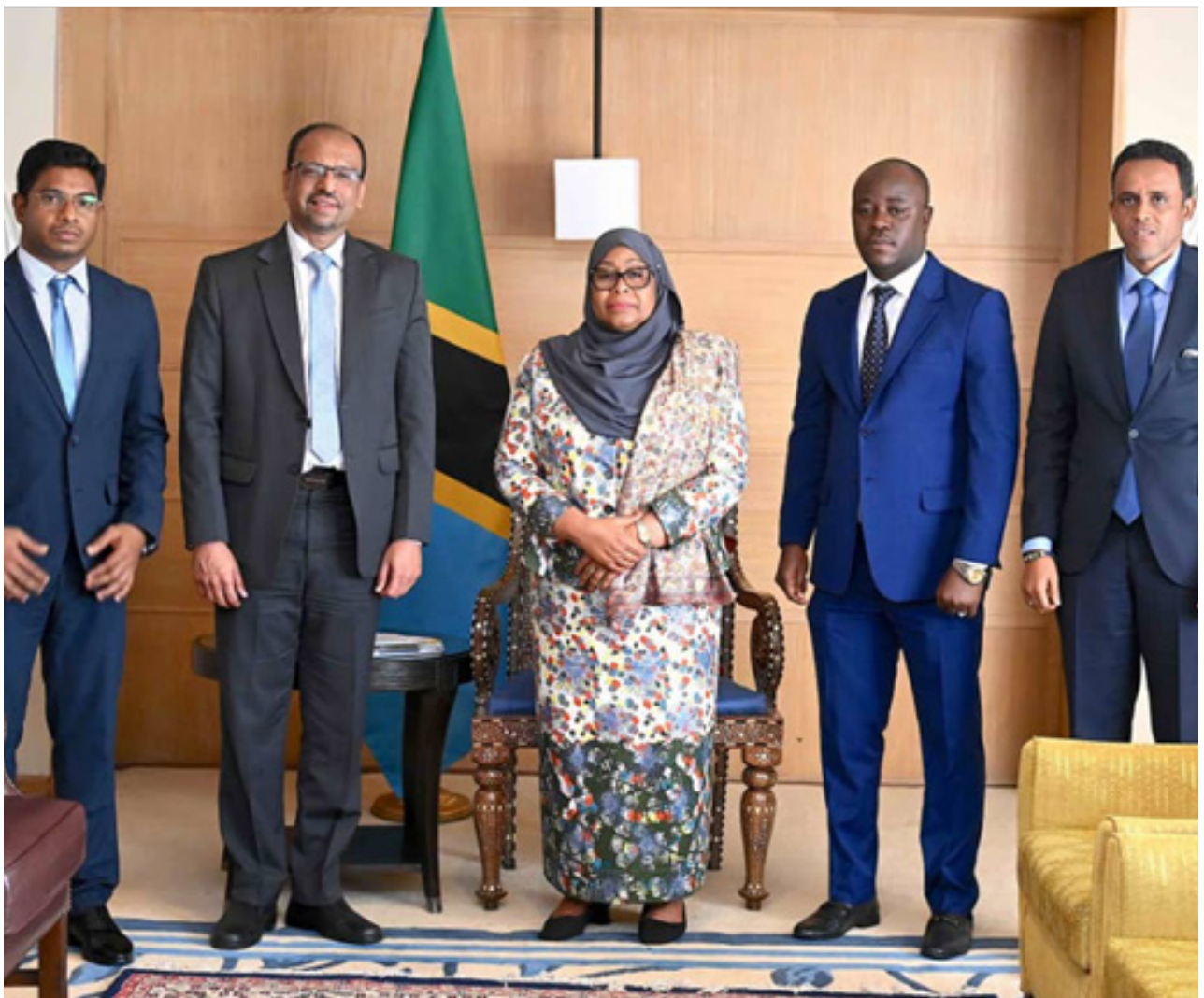


## THE MONTH AT A GLANCE

11<sup>th</sup> October 2023

During the visit of H.E Ms. Samia Suluhu Hassan, Hon'ble President of The United Republic of Tanzania to India, Shri R.K. Agrawal, CMD, WAPCOS met her to brief her about WAPCOS operations in Tanzania and discuss future prospects.

The Hon'ble President appreciated the contribution of WAPCOS in successful implementation of strategic infrastructure projects. Hon'ble Ministers for Agriculture and Irrigation, Foreign Affairs, Water and Investment, Republic of Tanzania; Country Manager WAPCOS and other senior officials were also present.





## THE MONTH AT A GLANCE

11<sup>th</sup> October 2023

Prof. Jamal Adam Katundu, Permanent Secretary, Ministry of Water, United Republic of Tanzania visited WAPCOS, New Delhi office on 11<sup>th</sup> October 2023 to meet Shri R. K. Agrawal, CMD, WAPCOS. During the meeting, discussions were held regarding ongoing Water Supply Projects being undertaken by WAPCOS and issues of mutual interest. Mr. Robert K.M. Sunday, Assistant Director of Water Resources (Transboundary Waters), Ministry of Water; Shri Anupam Mishra, Director (Commercial & HRD), WAPCOS and other WAPCOS officials were also present.





## THE MONTH AT A GLANCE

12<sup>th</sup> - 13<sup>th</sup> October 2023

Hon'ble Union Minister of Tribal Affairs, Shri Arjun Munda laid the Foundation Stone of Eklavya Model Residential Schools (EMRS) at Thethaitangar and Kolebira in Simdega District, Jharkhand on 12<sup>th</sup> and 13<sup>th</sup> October 2023 respectively. This project is being executed by WAPCOS.

WAPCOS is diligently working on establishing EMRS Schools in the states of Jharkhand, Meghalaya, Odisha, Chhattisgarh, and Tamil Nadu, as part of the Ministry of Tribal Affairs, Government of India's initiative. These schools aim to deliver high-quality education to tribal students residing in remote areas, empowering them to pursue advanced educational opportunities and secure employment in diverse sectors. These Eklavya schools will not only provide a strong academic foundation but also offer specialized amenities to preserve local art and culture, in addition to imparting training in sports and skill development.





## THE MONTH AT A GLANCE

30<sup>th</sup> October 2023

WAPCOS and NPCC organized a “Conference on Special Campaign 3.0 and Preventive Vigilance” on 30<sup>th</sup> October 2023 at Garvi Gujarat Bhawan, Akbar Road, New Delhi.

Smt. Debashree Mukherjee, Secretary, DoWR, RD & GR, Ministry of Jal Shakti was the Chief Guest at the conference. Shri R. K. Agrawal, CMD WAPCOS & NPCC; Shri Piyush, Director, Brahma Kumaris, Delhi; Shri Anupam Mishra, Director (Comml. & HRD), WAPCOS; and Shri Anupam Chandra, Chief Vigilance Officer, WAPCOS & NPCC addressed the participants. Other senior officials of the Ministry of Jal Shakti, WAPCOS & NPCC attended the event.

During the conference, a Nukkad Natak on Awareness Building about PIDPI was also performed.





## THE MONTH AT A GLANCE

30<sup>th</sup> October 2023

During the Conference on “Special Campaign 3.0 and Preventive Vigilance” organised by WAPCOS and NPCC on 30<sup>th</sup> October 2023 at Garvi Gujarat Bhawan, Akbar Road, New Delhi, “Integrity Pledge” was administered by the Chief Guest Smt. Debashree Mukherjee, Secretary, DoWR, RD & GR, Ministry of Jal Shakti to the participants. WAPCOS and NPCC employees posted in India and abroad also joined the ceremony through virtual mode.





# SWACHHATA HI SEVA CAMPAIGN 2023

Shramdaan Drive Ek Tareekh, Ek Ghanta, Ek Saath campaign

Campaign at Chowpatty Beach, Mumbai, Maharashtra



As a part of Swachhata Hi Seva Campaign 2023 initiated by the Hon'ble Prime Minister, WAPCOS organised Shramdaan Drive Ek Tareekh, Ek Ghanta, Ek Saath campaign at Chowpatty Beach in Mumbai, Maharashtra on 1<sup>st</sup> October 2023.

WAPCOS team was led by Shri R.K. Agrawal, CMD WAPCOS & NPCC alongwith Shri Rajesh Laddha, Chief Engineer and officers from Thane office. On this occasion, Shri Ramesh Bais, Hon'ble Governor

of Maharashtra; Shri Eknath Shinde, Hon'ble Chief Minister of Maharashtra also participated in the Cleanliness drive at Chowpatty, collaborating with Municipal Corporation of Greater Mumbai (MCGM); National Cadet Corps, Maharashtrian Battalion; Navy and various NGOs.

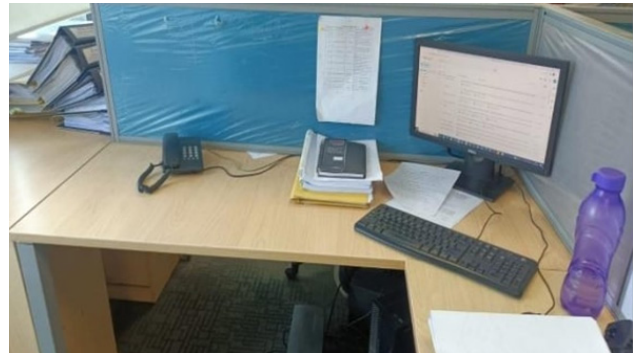
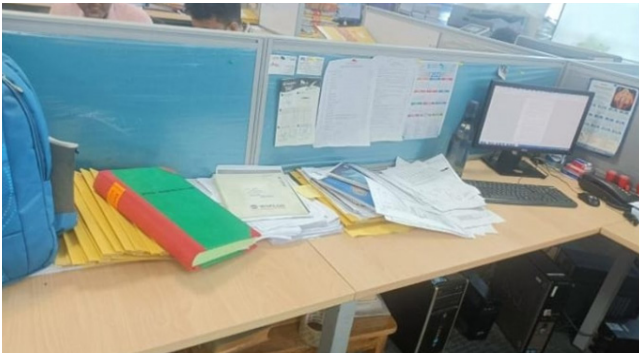
The entire WAPCOS team energetically contributed to the drive and pledged to spend time every week maintaining cleanliness.





## SWACHHATA HI SEVA CAMPAIGN 2023

WAPCOS Gurugram Office during Special Campaign 3.0 – Swachhata Hi Seva Pakhwada on 13<sup>th</sup> October 2023.



WAPCOS Gurugram Office Complex Solar Panel cleaning during Special Campaign 3.0 – Swachhata Hi Seva Pakhwada on 26<sup>th</sup> October 2023.



WAPCOS Gurugram Office Infra Division during Special Campaign 3.0 – Swachhata Hi Seva Pakhwada on 28<sup>th</sup> October 2023.





# SWACHHATA HI SEVA CAMPAIGN 2023

WAPCOS Bhopal Office



WAPCOS Bhopal Office organized a cleanliness drive inline with the "Swachhata Hi Seva, Garbage Free India, Special Campaign 3.0 – Swachhata Hi Seva Pakhwada on 23<sup>rd</sup> October 2023.





## SWACHHATA HI SEVA CAMPAIGN 2023

### Campaign at Pettah, Thiruvananthapuram, Kerala

As a part of Swachhata Hi Seva Campaign 2023 initiated by the Hon'ble Prime Minister, WAPCOS Regional Office Kerala organised Shramdaan Drive with Special Children, Kerala at Government LPS School, Urban Resource Centre (Autism Centre) Pettah, Thiruvananthapuram, Kerala on 1st October 2023. The uniqueness of this event was the participation of Autistic Children (Specially abled children) in the cleanliness drive.

The event was attended by Ward Counselor, Mrs. Suja Devi, Headmistress of the L.P. School, Mrs. Haripriya S., Project Coordinator, Urban Resource Centre, Mr. Anup R., along with other school staff and students, Kudumbasree Community staff, Safai Mitras, General Public and WAPCOS Staff.



### Shankumugham Beach, Thiruvananthapuram, Kerala

WAPCOS Regional Office Kerala organized a cleanliness drive inline with the "Swachhata Hi Seva, Garbage Free India, Special Campaign 3.0", an initiative by Government of India.

The drive was carried out at Shankumugham Beach, Thiruvananthapuram, Kerala on 14<sup>th</sup> October 2023. It was a heart-warming display of unity and community spirit in which around 100 people participated including the general public, tourists, local communities and WAPCOS officers. The beach was cleared from biodegradable and non-biodegradable waste after the end of event.



## EMPLOYEES OF THE MONTH

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

### CONSULTANCY SEGMENT

#### Turnover



**Shri Rohit Verma**  
Sr. Engineer,  
Centre for Hydro-Power

#### New Business



**Shri Devang Gajjar**  
Mechanical Design Engineer,  
Gandhinagar Office, Projects

#### Payment Realization



**Shri Dhruv Sangal**  
Engineer,  
T&D Unit Power Division

### CONSTRUCTION SEGMENT

#### Turnover



**Shri Arun Kumar Baidara**  
Engineer,  
CMU-I

#### New Business



**Shri Gagandeep Singh,**  
Sr. Engineer,  
INFS-II

#### Payment Realization



**Shri Shashank Vaidya**  
Engineer,  
CMU-I

### EXCEPTIONAL CATEGORY- FOR ORGANISING SAWCHHATA CAMPAIGN 3.0



**Shri Om Prakash**  
Dy. Chief Manager,  
Administration



# WAPCOS OPERATIONS ABROAD: PRESENCE IN OVER 50 COUNTRIES



**WAPCOS LIMITED**

(A Government of India Undertaking)  
Ministry of Jal Shakti

ISO 9001:2015

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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](http://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 website of the stock exchange(s) at [www.nseindia.com](http://www.nseindia.com) and [www.bseindia.com](http://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.”