

e-Sanchar



**MONTHLY
NEWSLETTER**
December 2022

WAPCOS PARTICIPATION IN GOVERNMENT OF INDIA SCHEMES

MISSION

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



Swachh Bharat Mission

- Gujarat
- Goa



Revamped Reforms Based Results Linked Distribution Sector Scheme

- Chhattisgarh
- Haryana
- Kerala
- Uttar Pradesh



Smart City

- Punjab
- Guwahati
- Himachal Pradesh
- Maharashtra
- Nagaland
- Mizoram
- Tamil Nadu



Atal Mission for Rejuvenation and Urban Transformation

- Haryana
- Goa
- Karnataka
- Madhya Pradesh
- Bihar
- Gujarat
- Nagpur
- Meghalaya
- Andhra Pradesh
- Kerala
- Odisha
- Rajasthan
- Telangana
- Uttar Pradesh



Pradhan Mantri Awas Yojana

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



Deen Dayal Upadhyaya Gram Jyoti Yojana

- Mizoram
- Maharashtra
- Manipur
- Meghalaya
- Kerala
- Andaman & Nicobar
- Puducherry
- Chhattisgarh
- Bihar
- Haryana
- Uttar Pradesh
- Assam
- Tripura
- Karnataka
- West Bengal
- Jharkhand
- Himachal Pradesh
- Jammu & Kashmir
- New Delhi
- Nagaland
- Sikkim
- Tamil Nadu
- Arunachal Pradesh



Integrated Power Development Scheme

- Goa
- Srinagar



Pradhan Mantri Gram Sadak Yojana

- Bihar



Pradhan Mantri Krishi Sinchayee Yojana

- Assam
- Goa
- Gujarat
- Jharkhand
- Madhya Pradesh
- Rajasthan
- Uttarakhand
- Setting up of PMU at Ministry of Jal Shakti, DoWR, RD & GR
- Gujarat



Namami Gange, Integrated Ganga Conservation Mission

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



Jal Jeevan Mission

- Arunachal Pradesh
- Andhra Pradesh
- Haryana
- Chhattisgarh
- Jharkhand
- National PMU at Ministry of Jal Shakti
- Himachal Pradesh
- Rajasthan
- Madhya Pradesh
- Assam
- Punjab
- Maharashtra
- Jammu & Kashmir
- West Bengal
- Gujarat

MESSAGE



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

Dear Readers,

Over the years, India has transcended towards a rapid economic development which is well reflected in form of policy initiatives that have been introduced by the Central Government. These initiatives have been around promotion of acceptable living standards, improvement in urban infrastructure and measures to create more sustainable employment opportunities. To contribute to this trajectory, we at WAPCOS, have been strategically engaging and augmenting projects that have positively contributed to the sustainable governance of water. We provide consultancy and construction services in the fields of Water Resources, Power and Infrastructure. Our global presence has enabled us to provide customized solutions to complex and diverse assignments to public and private clients both in India and overseas.

The debate around water governance has been ranging in the past few decades due to water crisis and climate change. To strengthen the reforms in this sector, various conferences and summits are organised at domestic and international level. In light of the above mentioned, we participated in the 7th India Water Week organised by the Ministry of Jal Shakti where we showcased our valuable contributions to national and international water-related projects.

As always, this month's newsletter brings details about several projects that are undertaken and those completed or nearing completion. These include Project Management Consultancy services for Construction of Railway Over Bridge & Low height Subway on LC No. 313 at Okha district Devbhumi Dwarka; Project Management Consultancy for Hwange Life Extension Project and Deka Pumping Station Extension Project, Zimbabwe, services for renovation and modernization of Balimela Hydro Electric Project in Odisha. It also provides glimpses of National Institute of Unani Medicine (NIUM), Ghaziabad, Uttar Pradesh being executed by us.

As, we reach the end of the year, we vouch to bring more ambitious projects in key sectors of India in the coming year.

UPDATES FROM MINISTRY OF JAL SHAKTI :

7th India Water Week 2022

The Ministry of Jal Shakti Government of India organised the 7th edition of India Water Week (IWW) from 1st to 5th November 2022 with the motive to raise awareness, conserve and use water resources in an integrated manner. Smt Droupadi Murmu, Hon'ble President of India inaugurated the 7th India Water Week on November 1, 2022 at Greater Noida, Uttar Pradesh.

WAPCOS participated in the 7th India Water Week 2022 and also exhibited its credentials in India and abroad. Shri Gajendra Singh Shekhawat, Hon'ble Minister of Jal Shakti, Govt. of India accompanied by Ms. Maryprisca Winfed Mahundi (MP), Hon'ble Dy. Minister of Water, United Republic of Tanzania, Mr. Jamshed Shoimzoda, Hon'ble First Deputy Minister of Energy and Water Resources, Republic of Tajikistan and senior officers from Ministry of Jal Shakti visited WAPCOS exhibition on 1st November, 2022.



Union Minister Gajendra Singh Shekhawat releases Dynamic Ground Water Resource Assessment Report

Union Minister of Jal Shakti, Shri Gajendra Singh Shekhawat released the Dynamic Ground Water Resource Assessment Report for the entire country for the year 2022 in New Delhi on 9 November 2022. This has been a joint report by Central Ground Water Board (CGWB), States and Union Territories. The Report stated that the total annual ground water recharge for the entire country is 437.60 billion cubic meters (BCM) and annual ground water extraction for the entire country is 239.16 BCM. Based on the Report, the Ministry highlighted that out of the total 7089 assessment units in India, 1006 units have been categorized as over-exploited.



UPDATES FROM MINISTRY OF JAL SHAKTI :

Union Minister of Jal Shakti launches Swachh Survekshan Grameen 2023 Toolkit

The Department of Drinking Water & Sanitation (DDWS), Ministry of Jal Shakti held Technical Session on “Rural WASH Partnerships – the way forward’ during 7th India Water Week. At the event, the Union Minister of Jal Shakti, Shri Gajendra Singh Shekhawat launched Swachh Survekshan Grameen (SSG), 2023 Toolkit and the web portal for the ‘Twinpit to Retrofit Abhiyan’. SSG is an important initiative under Swachh Bharat Mission. The SSG 2023 Toolkit comprises information on various stages of assessment, baseline rankings of the Panchayats and Districts based on their ODF Plus progress as reported on SBM-G Integrated Management Information System (IMIS).



Union Minister speaks of the impact of modern technology in Agriculture

Union Minister of Jal Shakti Shri Gajendra Singh Shekhawat was at Sri Venkateswara Veterinary University, Tirupati along with Andhra Pradesh Agriculture Minister Shri Kakani Govardhan Reddy and Water Resources Minister of Andhra Pradesh Shri Ambati Rambabu on 16th November, 2022. Addressing the students and teachers at the University, Union Minister of Jal Shakti said that new crop varieties are being developed using modern technology as part of efforts to ensure food security for the country. He also added that India is exporting foodgrains to world markets as a result of exemplary efforts of the scientists and the farmers and farm workers.

PROJECT UPDATE:

Project Management Consultancy Services for Hwange Life Extension Project and the Deka Pumping Station Extension Project

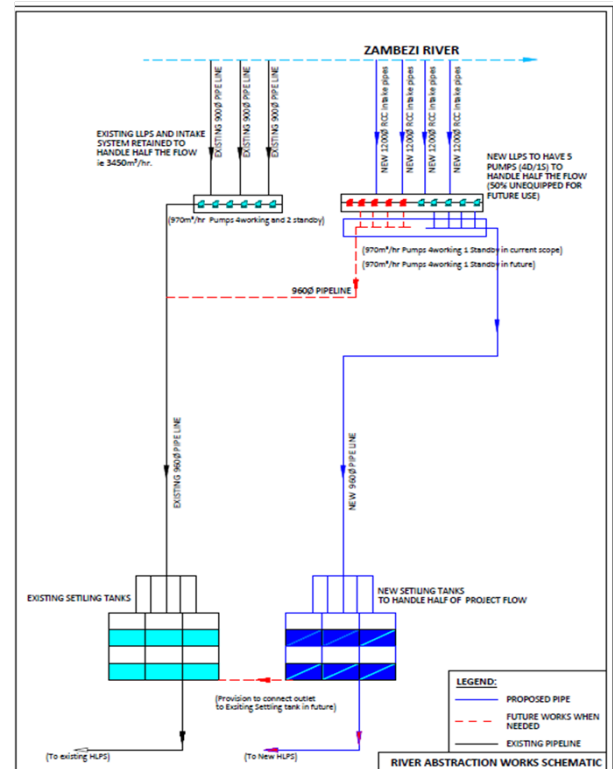
WAPCOS has been appointed as the Project Management Consultant by Zimbabwe Power Company (ZPC) for the Hwange and Deka Pumping Station Extension Projects. Hwange is a mine mouth power station situated in the north west region of Zimbabwe, about 100 km from the famous Victoria Falls at the Zambia border. The power station has an installed capacity of 920 MW, comprising of total 6 units as 4 units of 120 MW and 2 units of 220 MW.

Hwange Power Station has been generating around 450MW on an average. The lower availability is primarily because of various reasons like boiler tube leakages, condenser tube leakages, frequent break downs of boiler and turbine auxiliaries and non-availability of the spares.

Major objectives:

- Improve the reliability and plant load factor.
- An extended plant life of about 15-20 years.
- Reduction in sp. oil consumption, sp. coal consumption and auxiliary power consumption.

WAPCOS deputed its team of experts at the site to identify the major reasons for the low availability & reliability of Hwange Power Station and to finalize the location for new Deka Intake System. WAPCOS has prepared and submitted the Draft Detailed Project Report based on the available data and client interaction at site. Preparation of Pre-Qualification document and Tender Documents is under progress.



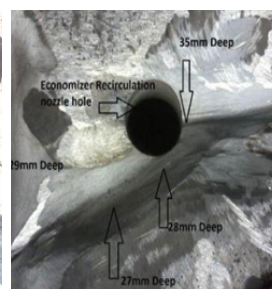
River abstraction and Water transfer scheme at Deka Extension



Damaged Water Wall Tubes



Deposition on Economizer Tubes



Cracks in Boiler Drum



Location of Low Lift Pumping Station

PROJECT UPDATE:

Construction Supervision for Off-Grid Water Supply Works in Dar Es Salaam, Tanzania

World Bank has extended funds worth USD 11 million approx. to United Republic of Tanzania under World Bank's "Second Water Sector Support Project (WSSPII)". The Government of the United Republic of Tanzania is implementing the WSSPII and under that it has planned to implement the funds provided by World Bank for upgrading the water supply networks in the 3 municipalities namely, Temeke, Ilala and Kigamboni in Dar Es Salaam region



Salient Features :

- Supply and laying of 197 km of Transmission and Distribution pipeline of uPVC & HDPE materials.
- Construction of three storage reservoirs (1000 cum to 2000cum), guard houses etc.
- Provision of 1200 nos. of house connections and other allied works.
- 1.8 km of transmission line and 36.157 km of distribution lines in Ilala municipality.
- 4 nos. of Kiosks and 200 nos. of house connections in Ilala municipality.
- 2 Reservoirs with capacity of 2000 cum GSR and 1,000 cum ESR in Ilala municipality.
- 2 nos. of fire hydrants in Ilala municipality.
- 2.5 km of transmission line and 51.135 km of distribution lines in Kigamboni municipality.
- 12 nos. of Kiosks and 1,070 nos. of house connections in Kigamboni municipality.
- 1 Reservoir with capacity of 2000 cum GSR in Kigamboni municipality.
- 7 nos. of fire hydrants in Kigamboni municipality.
- 132.918 km of distribution lines in Temeke municipality.
- 6 nos. of Kiosks and 100 nos. of house connections in Temeke municipality.
- 6 nos. of fire hydrants in Temeke municipality.

It is expected to benefit more than 75,000 residents across the municipalities.

PROJECT UPDATE:

Design & Construction for Improvement of Quality of Power Supply Distribution (Lot 1) & (Lot 2) Mozambique

Electricidade de Moçambique, (EDM) is a state-owned company that was set up in 1977, two years following the Independence of Mozambique. A significant objective of the company was to establish and operate public service in the Generation, Transmission, and Distribution of electricity.

The Government of Mozambique (GoM) applied for a loan from the Government of India to finance activities of the Reinforcement of Mozambique's Power Sector. GoM received funds through EXIM Bank of India for the said project.

In 2021, Electricidade De Moçambique (EDM) appointed WAPCOS as a Consultant for the said project. It includes preparation of the Inception Report, Detailed Project Report (DPR), Tender document, Assistance to EDM for the selection of an EPC contractor, Design Review in addition to Construction Supervision for the Expansion and Rehabilitation of the transmission networks besides assisting the client during the Defect Liability Period in Maputo City and its surrounding areas in Mozambique.

LOT 1 involves the upgradation and expansion of 33kV, 11kV & 0.4kV distribution networks, and the establishment of new 33kV and 11kV switching stations. LOT 2 involves upgradation and expansion of 400kV, 275kV, 110kV & 66kV

Salient Features

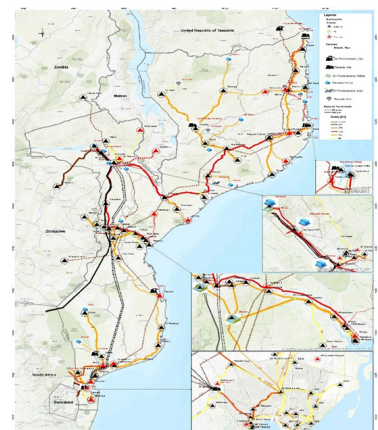
- Installation of 260 nos of mini substations; Rehabilitation and Extension of 244 km of 11kV Underground cable in Maputo and its surrounding areas; Construction of 12 nos. 11kV & 2 nos. 33kV Switching Stations; Electrification of 26 nos. of Administrative Posts.
- Transmission line (400kV, 110kV and 66kV) for approx. 500 km. Substation (new substations and up gradation) 24 nos.

transmission networks and upgradation and expansion of 110/33kV, 66/33kV and 66/11kV substations.

Currently, the project is going on in full swing. As per the contract, the project deliverables like the Inception report, Detailed project report have already been completed and got approved by the client. At present, the preparation of the bidding document is in progress. In spite of the technical complexity and challenging geographical region, the project is running in a timely manner.



Existing 33/11kV Substation in Ilha De Mozambique



Mozambique Power Map

PROJECT UPDATE:

Consultancy Services for Tackling Erosion and Increasing Safety Distances in Towers at River Crossings on EDM's Transmission & Distribution lines, Mozambique

In early 2015 owing to the occurrence of floods in the Licungo River, some 220 kV Power line towers collapsed. Due to this unprecedented event, a massive blackout lasting for almost 27 days in various parts of the central region and the entire northern region occurred.

To avoid this type of collapsing of the tower due to soil erosion, in 2017, Electricidade De Moçambique (EDM) appointed WAPCOS as a consultant for the said project. The scope of works included conducting the site-specific visits; preparation of preliminary finding reports; conducting engineering study & preparation of technical specifications in addition to identifying EPC company (ies) towards the supervision support in the commissioning process.

Site visit and data collection for the affected towers has already been completed for some preliminary EDM-identified locations. The EPC contractor has initiated the submission of drawings for the proposed solutions. Review and approval of submitted drawings are currently under progress. The project is very challenging while considering both the technical complexity and challenging geographical terrain.



Soil Erosion due to flowing river near critical tower locations



Tackling measures undertaken at specific locations

PROJECT UPDATE:

Design Engineering Consultancy Services for 1,020 MW Punatsangchhu-II Hydro-Electric Project, Bhutan

Punatsangchhu-II Hydro-Electric Project (6x170 MW) is one of the prestigious projects under the Royal Government of Bhutan's Tenth Five-Year Plan (2008 - 2013) which addresses development plans for mega-hydropower projects.

The Project involves the construction of a 91 m high diversion Dam, 8.58 km long and 11 m dia. Headrace Tunnel (HRT), 137m deep, 31m dia. Surge shaft, three 5.5 m dia. pressure shafts bifurcating into 3.86 m dia. penstocks near the underground powerhouse of size 236m x 23m x 51m to house 6 units of 170 MW each. The project envisages an annual energy generation of 4300 million units of electricity in an average year.

The project is being executed by Punatsangchhu-II Hydroelectric Project Authority (PHPA-II) with financial assistance from the Government of India (30% grant and 70% loan).

The uniqueness of the project is depicted below:

1. Planning and Design of First ever Highway Tunnel (1 km) in Bhutan on National Highway
2. Diversion Tunnels (with 12m dia.) constructed are the largest in the sub-continent.
3. Surge Shaft of 31m dia. & 137m depth is the largest/ deepest designed & constructed in the country.
4. Head Race Tunnel & Tail Race Tunnel of 11m dia. is the biggest in the country.
5. Construction of two bailey bridges (over Punatsangchhu river & Harachuu River)- inaugurated by Her Majesty on 30th November 2017.
6. Design of Self-Compacting Flowable Concrete Mix (M5) for filling of 45m high Cavity above DSG through 120m long boreholes. Cavity Filling was successfully completed on 15th December 2021.

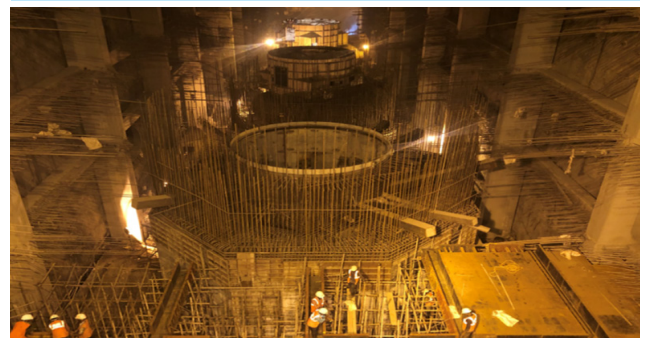
WAPCOS is the Engineering & Design Consultant for this Project. The brief scope of services of WAPCOS is Survey, Detailed Investigations, Hydro-meteorological Observations, Geological Baseline Report (GBR), preparation of Feasibility Report and Detailed Project Report, Detailed Design & Engineering, Preparation and Issuance of Study & Construction drawings, Tender Engineering and Preparation of Tender documents.

Despite various challenges faced and COVID-19 restrictions from the past two years, around 92% of physical progress has been achieved.

Some Views of Ongoing Activities at the site are shown below:



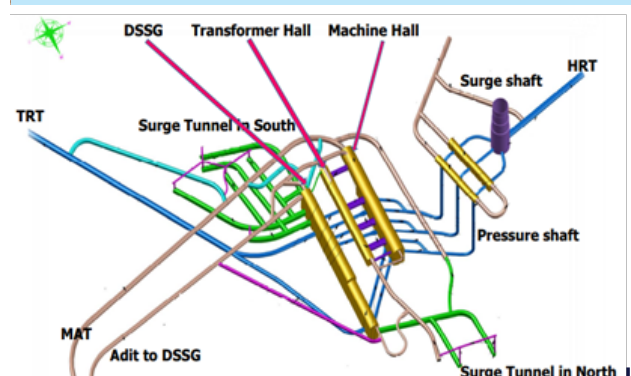
DAM DOWNSTREAM VIEW



MACHINE HALL: UNIT-1



CONCRETE LINING IN CABLE TUNNEL



PROJECT UPDATE:

Inauguration of 300 MLD Water Supply Scheme based on Brahmani-II Dam, Morbi, Gujarat

Hon'ble Prime Minister of India, Shri Narendra Modi inaugurated various water supply projects worth around Rs. 280 crores in Rajkot, Gujarat including the 300 MLD Water Supply Scheme based on Brahmani-II Dam.

Saurashtra & Kutch regions of the Gujarat state are located in a drought-prone zone of the country and were perennially short of water, both for drinking and irrigation. In the context of drinking water, the total water demand of Kutch, Jamnagar, Rajkot, Porbandar, and Devbhumi Dwarka districts is 1127 MLD. This demand of 1127 MLD water also includes water demand of rural areas of five districts and various industries such as ESSAR, Reliance, etc. located in these regions. Available 914 MLD water from Dhanki Pumping Station is supplied through a pipeline of NC-30 to NC-34 WSS; to the Kutch and Saurashtra regions.

To fulfill the remaining water demand of 213 MLD & additional demands of approx. 87 MLD for Regional Water Supply Schemes (RWSS) for villages of Morbi District; the Gujarat Water Infrastructure Limited (GWIL) has planned to execute the 300 MLD water supply scheme based on Brahmani-II dam (located at Halvad Taluka, Morbi District) to transfer water from Brahmani-II dam to Nava Sadulka/NC-7 Pumping Station at Morbi; through pipes to resolve the scarcity of water in Saurashtra and Kutch regions.

GWIL is establishing bulk water Infrastructure projects across the state for drinking water and ensuring equitable and efficient distribution of water for Regional Water Supply Schemes (RWSS) for villages covered by Gujrat Water Supply and Sewerage Board (GWSSB), Nagar Palikas, Corporations, and Industries. For implementation of this water supply scheme, the GWIL has appointed WAPCOS for providing Project Management Consultancy Services including the construction supervision. WAPCOS has prepared Detailed Project Report & Tender Documents, which have been approved by the Government of Gujarat and carried out all the activities pertaining to Bid Process Management, & Award of Work to the Contractors and Construction Supervision.

WAPCOS has completed this project and ensured the quality of work & services at all sites with client satisfaction. After completion of this project approx. 30 lacs population of Saurashtra & Kutch regions are being benefited.



- **Package-1:** Construction of Intake Well with Approach Bridge, Approach Channel, Panel room cum switch yard room
- **Package-2:** Bulk Pipeline, 2000 mm Dia, 18.40 Km Length, from Brahmani Dam-2 to Chakampur village canal crossing road
- **Package-3:** Bulk Pipeline, 2000 mm Dia, 14.60 Km Length, from Chakampur village canal crossing road to Nava Sadulka

Salient Features:

- Intake Well: 300 MLD Capacity, Open Type, Height 10.15m, Size: 22.75m x 25m; Pile Foundation: Number of piles - 30, Dia. 1.20 m, Height 11 m (Capacity wise biggest Intake well of Gujarat State, at present)
- Pump House: 25m x 22m, Height 11m
- Pumping Machinery: VT Pump - 4 Working + 2 Standby, Capacity: 3706 Cu.m/hr, Head -37m, Motor Capacity -500kW
- Approach Bridge: Total length approx. 70m
- Panel Room cum switch yard room: 28m x 28m x 4.5m
- Bulk Pipeline: MS Pipeline of 2000 mm Dia, Total 33.00 Km Length, 14mm thickness, External coating -3 LPE

PROJECT UPDATE:

Construction of Railway over Bridge & Low Height Subway at Okha, Devbhumi Dwarka, Gujarat

Hon'ble Chief Minister of Gujarat laid Foundation Stone for Construction of Railway Over Bridge & Low Height Subway on Level Crossing No. 313 at Okha, under Swarnim Jayanti Mukhya Mantri Shaheri Vikas Yojana.

The Government of India through Ministry of Railways has decided to demolish all the present Level Crossings (LC) on railway routes to avoid frequent accidents and loss of life at these locations by constructing Railway under Bridges & Over Bridges (RUB/ROB).

WAPCOS has been entrusted by Gujarat Urban Development Company Limited, (GUDC) Gandhinagar for providing Project Management Consultancy Services for this project. The Project Activity are going on at full pace.

SALIENT FEATURES:

For Railway Over Bridge (ROB)

- Length of Bridge: 727.40 Mt.
- Clear Roadway width: 7.50 Mt. (W/O Median)
- Railway Boundary: 31.93 Mt.
- PSC type superstructure & RCC solid Slab in Approach Portion
- Steel Composite type girder in Railway Portion

For Low Height Subway (LHS)

- Length of Approach: 155.96 Mt.
- Clear Roadway Width: 4.00 Mt. (W/O Median)
- Railway Boundary: 31.53 Mt.
- U Type Retaining Wall in Approach Portion
- RCC Box Type Proposal in Railway Portion



PROJECT UPDATE:

National Institute of Unani Medicine (NIUM), Ghaziabad, Uttar Pradesh

WAPCOS Limited is entrusted with the Project Management Consultancy for Establishment of National Institute of Unani Medicine (NIUM), Ghaziabad Uttar Pradesh by Ministry of Ayush, Government of India. WAPCOS is successfully rendering the detailed design engineering, procurement and construction i.e. concept to commissioning services for the Project.

NIUM is conceived as an apex institution for Unani medicine. It would aim at bringing a valid and useful synergy between established practices of Unani medicine and modern tools and technology in modern health care. The institute would offer Post graduate and doctoral courses in various disciplines of Unani medicine and also function as an international collaborative Centre for global promotion and research in Unani medicine.

The project comprises 200-bedded hospital, Academic Building, Boys & Girls Hostel (80 double occupancy rooms in each hostel), Guest house (17 suits), Directors Bungalow, Type-II, III, IV & V buildings alongwith other allied works i.e. Modular OTs, Laundry, Central Sterile Supply Department (CSSD), Medical Gas Piping System, Nurse Call systems, IBMS systems, HIMS system, Information & Communication System, Surveillance System, Fire Alarm & PA System, Bed head Panels, HVAC system, Fire Fighting, Substation, STP, ETP, WTP, RWH, Solar water heater system, Solar Photo Voltaic System etc.

The total plinth area is of 58,500 Sq.m spread over 10 acres of land. Presently, almost all works have been completed and few statutory clearances are under progress, with an effective working period of 25 months, despite of disruptions during Covid-19. OPD in the hospital has been started and around 150-200 patients are visiting the Hospital daily. During various site visits by Hon'ble Cabinet Ministers, Secretary and officials of Ministry of Ayush, the quality & time bound services rendered by WAPCOS have been appreciated. The project is proposed to be inaugurated by Hon'ble Prime Minister of India in the month of December 2022 for which arrangements are under progress.



CONCRETE LINING IN CABLE TUNNEL



Hospital Building



Guest House



Residential Buildings



Modular Operation Theatre



Board Room

PROJECT UPDATE:

Renovation and Modernization of Unit 1 to 6 of Balimela Hydro Electric Project (6x60MW), Balimela, Odisha

WAPCOS is responsible for providing Project Management Consultancy Services for Renovation and Modernization of Unit 1 to 6 of Balimela Hydro Electric Project (6x60MW) and Extension of 220 kV Switchyard Bay in Balimela, District-Malkangiri, Odisha.

Unit-01 & 02 are successfully commissioned and under commercial operation. Dismantling & Erection activities of Unit -03 & 04 are underway and rest units are expected to be commissioned by June 2025.



SALIENT FEATURES:

- Renovation and Modernizations of 6 units of 60 MW with replacement of Turbo-Generator alongwith BOPs and Extension of 220kV Switchyard
- Francis Turbine with vertical shaft suspension type Generator arrangement
- Type of Power House : Surface
- Water Source: Balimela Reservoir (Sileru river)
- Net rated head : 257m
- Rated discharge: 26.09 cumec.



220 kV Switchyard Extension Bay: Commissioning of 220 kV Switchyard Extension bay completed



Lifting/Dismantling of Runner with Turbine shaft of Unit-04 completed

SCOPE OF SERVICES:

- Review of Engineering Design Documents/ Drawings submitted by EPC Contractor
- Pre-Factory Inspections for Major Equipments viz. Turbine, Generator, transformer & Auxiliaries etc.
- Supervision of Site works during Refurbishment, erection and Installation of Plant equipment
- Review the Pre-commissioning and Commissioning tests and recommend acceptance of plant.



23.4 MVA Generator Transformer (GT): Unit-02: Three (3) Nos. new installed

PROJECT BENEFITS	Existing Old Machine	After R & M
Cumulative Efficiency (Avg.)	78.93 %	92.67 %
Energy Generation (MU)	835	980.65



17th November, 2022

THE MONTH AT A GLANCE:

Shri R.K. Agrawal, CMD, WAPCOS & NPCC called on Lyonpo Loknath Sharma, Hon'ble Minister of Economic Affairs and Chairman PHPA-

I&II Hydroelectric Project Authorities, Bhutan. Hon'ble Minister was briefed about WAPCOS operations in Bhutan.



28th November, 2022

Shri R.K.Agrawal, CMD, WAPCOS & NPCC along with H.E. Mr. Ganbold Dambajav, Ambassador of Mongolia to India; Shri Nimit Ved, General Manager, Exim Bank and Shri Aman Mittal, Vice President, Lovely Professional University (LPU) had an interactive session with Mongolian Delegation at LPU regarding Ongoing training Programme of 15 professionals under Atal Bihari Vajpayee Center for Excellence in Information Technology, Communication and Outsourcing, Ulaanbaatar, Mongolia

WAPCOS is Project Management Consultant for the Project.



1th November, 2022

THE MONTH AT A GLANCE:

On the sidelines of the 7th India Water Week 2022, Mr. R. K. Agrawal, CMD, WAPCOS & NPCC met Ms. Maryprisca Winfed Mahundi (MP), Hon'ble Dy. Minister of Water, Government of United Republic of Tanzania to brief about WAPCOS operations in Tanzania and discuss

issues of mutual interest. She was accompanied by Ms. Nadhifa Sadiki Kemikimba, Dy. Permanent Secretary and Mr. Robert K.M. Sunday, Assistant Director of Water Resources & Transboundary Waters.



3rd November, 2022

THE MONTH AT A GLANCE:

Shri R.K Mathur, Hon'ble Lieutenant Governor of Ladakh, chief guest for the occasion of 4th Raising Day of Ladakh Police visited WAPCOS stall along with Sh. S.S Khandare, ADGP, Police Chief, UT Ladakh Police and other senior officials of administration of Union Territory of Ladakh, where he was briefed about

the role of WAPCOS in different police infrastructure works. On the occasion, Mr. Rakshit Kerni, Project Manager, WAPCOS was also present. WAPCOS is working as Executing Agency for various works under Ladakh Police Department and is committed to provide quality infrastructure to Ladakh Police.



4th November, 2022

THE MONTH AT A GLANCE:

WAPCOS and NPCC organised a conference on "Preventive Vigilance" in New Delhi during the Vigilance Awareness Week (VAW) 2022. Shri R. K. Agrawal, CMD, WAPCOS & NPCC welcomed the Chief Guest, Shri Pankaj Kumar, Secretary, DoWR, RD & GR, Ministry of Jal Shakti, Government of India. Shri Shailendra Singh, CTE, CVC and Dr. Nitin Deep Blaggan, DIG, CBI also attended as Special Invitees. Shri Pankaj

Kapoor, Director (Finance), Shri Anupam Chandra, CVO, and senior officers from WAPCOS & NPCC and Ministry of Jal Shakti were also present in the event. Chief Guest released Compendiums of Instructions & Guidelines at WAPCOS & NPCC and also presented the Awards to winners of various competitions held during VAW 2022.



4th November, 2022

THE MONTH AT A GLANCE:

Mr. R. K. Agrawal, CMD, WAPCOS met Ms. Maryprisca Winfed Mahundi (MP), Hon'ble Dy. Minister of Water, Government of United Republic of Tanzania at WAPCOS office, New Delhi and discussed about WAPCOS ongoing projects in Tanzania. Meeting was also attended by Ms. Nadhifa Sadiki Kemikimba,

Dy. Permanent Secretary, Mr. Robert K.M. Sunday, Assistant Director of Water Resources & Transboundary Waters from Ministry of Water, Tanzania and Mr. Sanjay Sharma, Sr. GM, Mr. Deepak Lakhanpal, Chief, Mr. Vimal Chander, Chief, Mr. Rajat Jain, Addl. Chief Engineer from the WAPCOS



प्र. रीता जोशी जी की अध्यक्षता में संसदीय राजभाषा समिति ने रायपुर में वापकोस लिमिटेड के साथ निरीक्षण बैठक की। इस दौरान समिति ने मंत्रालय एवं विभाग के

वारिष्ठ अधिकारियों की उपस्थिति में हो रहे राजभाषा हिंदी के कार्यों का अवलोकन किया।



7th- 9th November, 2022

THE MONTH AT A GLANCE:

Shri R.K. Agrawal, CMD, WAPCOS & NPCC inaugurated Training Programme on “Transforming Organizations through Proactive People Management” held at Management Development Institute, Gurugram. Shri Agrawal addressed the participants and encouraged them to work hard. Officers from

WAPCOS, NPCC, Damodar Valley Corporation, Bureau of Police Research and Development, Sashastra Seema Bal (SSB), National Security Guard (NSG), IPS officers, Nepal Bank, Petronet LNG and BSES Rajdhani participated in the programme.



KNOWLEDGE CORNER

PROJECT APPRAISAL PRESENTATION MEETINGS

Monthly Project Appraisal Presentation Meetings (PAPMs) are being held virtually on regular basis, wherein presentations are made by the respective project officers managing the project to facilitate dissemination of information amongst all units and offices of India and Abroad.

So far, 7 numbers of PAPMs have been organized, wherein WAPCOS officials have presented the brief of their projects, USPs, challenges faced and out of the box solutions provided during planning and execution of these projects. During the PAPMs, technical officers from all the offices in India/abroad were invited to attend the meetings. The presentations made by officers have been appreciated by all the participants and the lessons learnt shall be implemented elsewhere in other projects, as per requirement.

As a token of appreciation, the details of Star presenters of PAPM-4, PAPM-5 and PAPM-6, who have made presentations and shared their experiences and expertise are as follows:



STAR PRESENTERS



Mr. Aishwarya Srivastava

*Sr. Engineer
Civil Design*

Presentation on Project

Project Management Consultancy for 9 MW DAH SHP & 9 MW HANU Small Hydro Power Project (SHP), UT of Ladakh



Mr. Alok Kumar Vidyarthi

*Country Manager (Rwanda)
Infrastructure-II*

Presentation on Project

Development of Irrigation and Watershed Management in Mpanga Sector, Kirehe District, Rwanda



Mr. Chander Bhan

*Engineer
Environment, Panchkula*

Presentation on Project

Project Management Consultancy for AMRUT Projects in Haryana



Mr. Divyanshu Kaushik

*Engineer
Dam & Reservoir Engineering*

Presentation on Project

Lower Seti Hydropower Project (126 MW), Nepal

STAR PRESENTERS



Mr. Gurchetan Singh
Senior Engineer
Power

Presentation on Project
Project Management Consultancy for Construction of 20MW Kabu-16 Hydro Electric Project, Burundi



Mr. Hemant Jindwani
Senior Engineer
Environment, Panchkula

Presentation on Project
Rehabilitation of existing 10 MGD STP Yamuna Vihar, New Delhi



Mr. Hiteshraj Vyas
Deputy Chief Engineer
Ropeways

Presentation on Project
Construction of Convention Centre in Aizawl, Mizoram



Dr. Kamleshwar Pratap
Chief Engineer (Geologist)
Ground Water Resource
Development & Management

Presentation on Project
Concept Plan for Aquifer Mapping



Mr. K.P.S Tyagi
Country Manager (Fiji)
Infrastructure-IV

Presentation on Project
Project Management Consultancy for Water Authority of Fiji



Ms. Mukta J. Xess
Additional Chief Engineer
Infrastructure-II

Presentation on Project
Multi-Purpose Indoor Hall at Hinjilicut, Odisha



Mr. N. Raman
Additional Chief Engineer
Water Resource Development
Chennai

Presentation on Project
Tamil Nadu Irrigated Agriculture Modernization (IAM) Project



Ms. Neha
Sr. Engineer
Hydropower

Presentation on Project
Punatsangchhu-II Hydroelectric Project (6x170MW), Bhutan



Mr. Radheshyam Debnath
Dy. Chief Engineer
Construction Management Unit-II

Presentation on Project
National Institute of Unani Medicine, Ghaziabad



Mr. Sanjay Gupta
Chief Engineer
Thermal Power

Presentation on Project
Upgradation of Deka Pumping Station & River Water Intake System, Zimbabwe



Mr. Tushar Virdi
Project Manager (Indonesia)
Infrastructure-I

Presentation on Project
Road and Bridge Upgradation Project in Indonesia



Mr. Vinay Shankar
Engineer
Dam & Reservoir Engineering

Presentation on Project
Idukki Extension Hydro-Electric Project (800 MW), Kerala

EMPLOYEES OF THE MONTH

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

CONSULTANCY SEGMENT

Turnover



Mr. Himanshu Bhutiyani
Sr. Engineer
T&D Unit (Power Division)

New Business



Mr. Ravindra Kumar
Sr. Engineer
Centre for Hydro-Power

Payment Realization



Mr. Madhuresh Srivastava
Dy. Chief Engineer
T&D Unit (Power Division)

CONSTRUCTION SEGMENT

Turnover



Mr. Udit Kumar Sarkar
Dy. Chief Engineer
Nagpur office (INFS-III)

New Business



Mr. Ankesh Bakshi
Project Manager
Trivandrum (INFS-III)

Payment Realization



Mr. Ankit Jindal
Engineer
INFS-II

Operations Abroad



ISO 9001:2015

WAPCOS
LIMITED

(A Government of India Undertaking)
Ministry of Jal Shakti



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."