



PROJECT



WPIL Limited



INTRODUCTION

WPIL Limited formerly known as Worthington Pump India Ltd. was established in the year 1952 and has dedicated itself to the development of Engineered Pumps.

Today WPIL is one of the leaders in supply of pumps and pumping project in the world. It operates through 3 verticals to provide the complete gamut of products & services to its client in the field of water.

- **Turnkey Project**
- **Engineered Pumps**
- **Conventional Pumps**

The Turnkey project division with its wealth of experience and capability is the supplier of choice for water handling projects from concept to commissioning.

With an impressive track record of over 30 completed and 20+ ongoing assignments, the project wing of the company has an impressive customer list, which includes :

- **Power Sector** - NTPC / BHEL / LANCO / SEB's / Reliance Etc.
- **Nuclear Power** - NPCIL
- **Industrial Sector** - NALCO / SAIL / L & T / TISCO / VEDANTA Etc.
- **Water Systems and Water Treatment** - Municipalities / NBCC / World Bank / ADB aided Projects / City Corporations
- **Irrigation** - State Irrigation Dpts.

The company in the course of its business has dealt with leading engineering consultants like **Development Consultants Ltd (DCL), Desein, Fichtner, Mecon, Tata Consulting Engineers, M. N. Dastur, L&T Sargent & Lundy, etc.**

The company had following Historical Benchmarks during these long years :

1952	JOHNSTON PUMPS INDIA A JV OF JOHNSTON PUMPS, US
1982	LICENSE FROM HAYWARD TYLER, UK FOR SUBMERSIBLE MOTOR
1983	WORTHINGTON PUMP INDIA LTD - JV OF WORTHINGTON PUMPS
1990	FIRST 2x500 MW CW PUMP ORDER FOR NTPC FARAKKA
1996	ASSOCIATION WITH WORTHINGTON / INGERSOLL DRESSER PUMP ENDS
2000	FIRST TURNKEY IRRIGATION PROJECT FROM LAO-DPR (EXPORT)
2003	FIRST TURNKEY CONTRACT FROM NTPC VINDYACHAL 500MW STPS FOR CW PUMPS INCLUDING CIVIL AND ELECTRICAL JOBS
2005	TURNKEY PROJECT FOR BAGJOLA DRAINAGE PUMPING STATION IN KOLKATA
2006	PROJECT FOR SEAWATER PUMPS FOR JANA, KSA
2008	WPIL CLYDE JV IS FORMED
2009	LARGE PROJECT FOR SEA WATER CW PUMPS FOR NTPC VALLUR [3x500 MW]
2009	LARGE PROJECT FOR CONCRET VOLUTE PUMPS FOR NTPC BARH [2x660MW]
2010	TURNKEY PROJECT FOR COMPLETE PLANT WATER SYSTEM FOR 2x250MW SATPURA PROJECT
2010	TURNKEY PROJECT FOR CW SYSTEM AND RAW WATER SYSTEM FOR AVANTHA POWER [2x600MW]
2010	TURNKEY PROJECT FOR ICCL RAW WATER INTAKE SYSTEM

SECTOR WISE ACTIVITIES



POWER



INDUSTRY

We Move Water

- RAW WATER FOR FURTHER PROCESSING FOR INDUSTRIES
- PROCESSED WATER FOR CIRCULATION IN POWER AND STEEL
 - STORM WATER FOR FLOOD CONTROL
 - DRAINAGE WATER FOR MUNICIPAL BODIES
- SEA WATER FOR POWER PLANTS DOCKS AND DESALINATION PLANTS



IRRIGATION & DRAINAGE



MUNICIPAL

POWER

NTPC VINDHYACHAL PROJECT

- 5 Nos. Vertical wet pit pumps of 30000 Cu.M/Hr. capacity, 20.5 M Head with 2150 KW motors.
- Eletro - Hydraulic Butterfly Valves & other electrical actuated valves .
- One Crane of 50 Ton Capacity in the CW Pump-House.



SPECIAL FEATURES OF NTPC VINDHYACHAL PROJECT

- Civil structural and Architectural works in WPIL scope including :
- Stop log gates, Trash racks etc.
- Ventillation system with ducting
- Project awarded on 20-02-2004. Completed on 30-06-2007.

SATPURA POWER PLANT [2x500MW]

- Turnkey Project for complete Power Plant Water System including
 - Circulating Water Pump House + Chanel
 - Circulating Water Pipeline of 2600 MM
 - Circulating Water Reservoir
 - Fire Fighting System
 - Complete Electro Mechanical



AVANTA POWER

- Turnkey Project for Circulating Water and Raw Water System including
 - CW Pump House + Chanel
 - CW Pipeline of 3600 MM
 - Raw Water Pipeline of 6 KM
 - Transmission lines + Substation
 - Raw Water Pump House
 - Complete Electro Mechanical

IRRIGATION & DRAINAGE

LAO - DPR PROJECT

- 4 Nos. Pumping station with 2 switch yards of 10 MVA each and one each of 3.5 MVA and 2.5 MVA.
- 14 pump sets of max. rating 410 KW with HT and LT Switch-gears.
- Project awarded on 15-08-2000. Completed on 05-05-2003.
- Total Project cost 4433000 USD.



AMRPLL/PS

- 4 MW Pump Turbines.
- 220 KV Switchyard.
- SCADA remote monitoring.
- Complete Electro Mechanical Design.

REFERENCES

- DEPARTMENT OF IRRIGATION, LAO PDR
- ANDHRA MULTIPURPOSE RIVER LIFT PROJECT (PUMP TURBINE STATION), AP-INDIA
- TEKEPAR & AMBORAH LIS, MAHARASTRA-INDIA
- RASI SALAI DIVERSION PROJECT, THAILAND
- LAM SE BOK, LAM DOM YAI, THAILAND
- HUA NA, BAN KHAWA, TA LUNG, MAHASARAKHAM,
- SUNGAI DAREIL IRRIGATION SCHEME, INDONESIA
- KOSI CANAL LIFT IRRIGATION, NEPAL
- BHAIRAWAHA LUMBINI GROUND WATER PROJECT, NEPAL
- BAGJOLA DRAINAGE PUMPING STATION
- PATTAYA WASTE WATER TREATMENT PLANT, THAILAND
- KOLKATA ENVIRONMENT IMPROVEMENT PROJECT (4 PUMPING STATIONS)
- BASANTPUR LIFT IRRIGATION - J&K
- MASSANJORE BARGE PUMPING STATION



MUNICIPAL



FEATURES OF RUIDP - PHED - RAJASTHAN

- **BIKANER WATER SUPPLY :**
 - Raw Water Intake.
 - Pipeline / Valves / Electricals.
 - Pump house Civil works.
- **SOBHSAR :**
 - Clear Water Pump Station underground.
 - Clear Water Reservoir.
 - O + M for 5 years.



INDUSTRY

SAIL, SALEM STEEL PLANT

- Recirculation Water System
- For Caster / SMS / CRM
- Variety of Pumps
- Pipeline / Valves / Instruments
- Fire Fighting System

DELHI JAL BOARD

- Construction of Underground reservoir and Booster pumping station.
- 8 pump sets of different ratings upto 290 KW.
- Civil work of cost - Rs. 12.4 Crores.
- Electro - Mechanical Work worth Rs. 7.5 Crores.



REFERENCES

- KOLKATA ENVIRONMENT IMPROVEMENT PROJECT
- DELHI MUNICIPAL CORPORATION
- KOLKATA MUNICIPAL CORPORATION - LS9&10, MULLICK GHAT, KMDA/KMWSA - BELGACHIA, KONA EXPRESS WAY, SRERAMPURE, KALYANI, RAJPUR - KOLKATA
- LOAKULU, SAMARINDA - INDONESIA
- AMHEDABAD & SURAT MUNICIPAL CORPORATION
- DELHI JAL BOARD



INDUSTRY



VEDANTA ALUMINIUM LTD, LANJIGARH

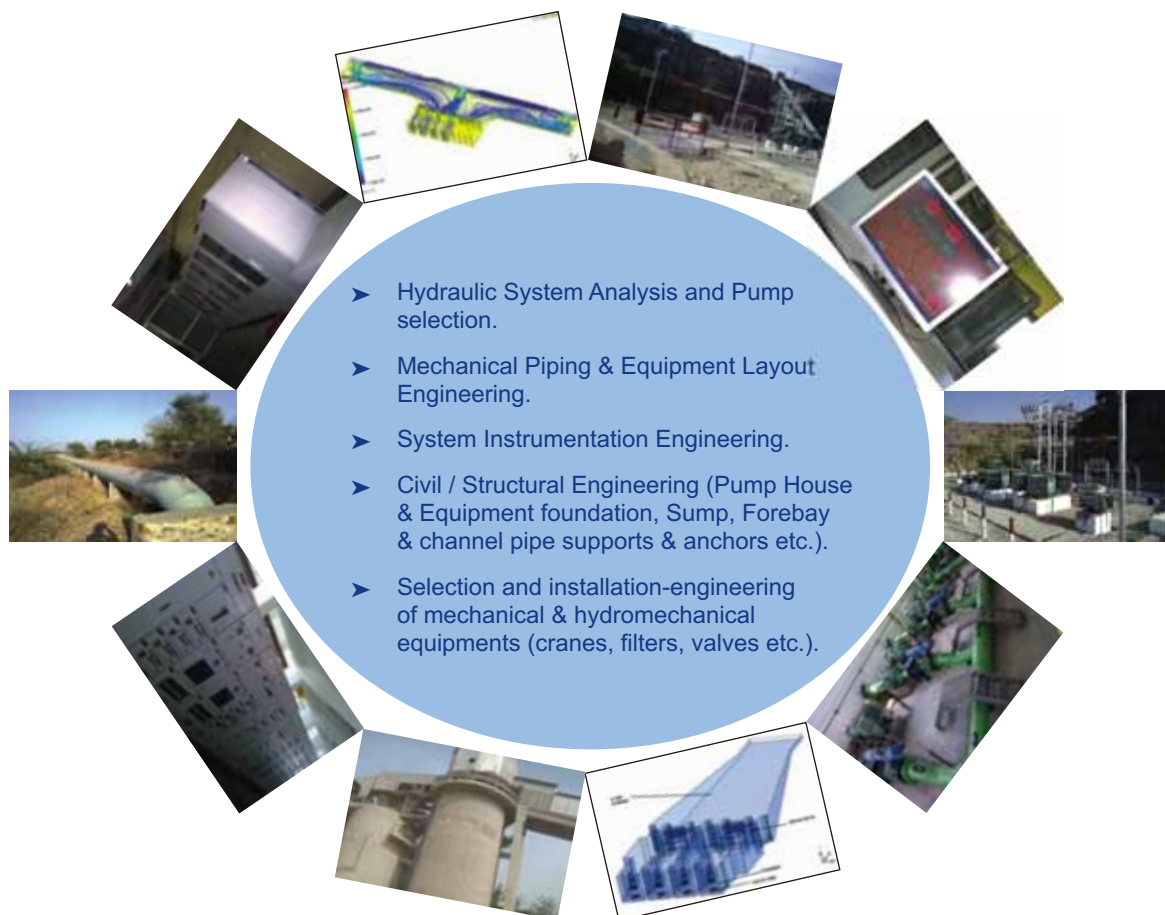
- Cooling Water System including Cooling Towers
- Pumps / Pipelines / Valves
- Electricals / PLC Instrumentation

REFERENCES

- JUBAIL CHEMICAL-HASSAD, KSA
- CHEMANOL - METHANOL, KSA
- STEEL AUTHORITY OF INDIA LIMITED - BOKARO, DURGAPUR, ROURKELA
- NILACHAL ISPAT NIGAM - ORISSA
- JINDAL STEEL - RAIGARH/ANGUL
- GUJARAT NARMADA FERTILISER CORPN.
- ESSAR STEELS LIMITED, HAZIRA
- HINDALCO - RENUKOOT & SAMBALPUR



FACILITY





WPIL'S GLOBAL PRESENCE



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