



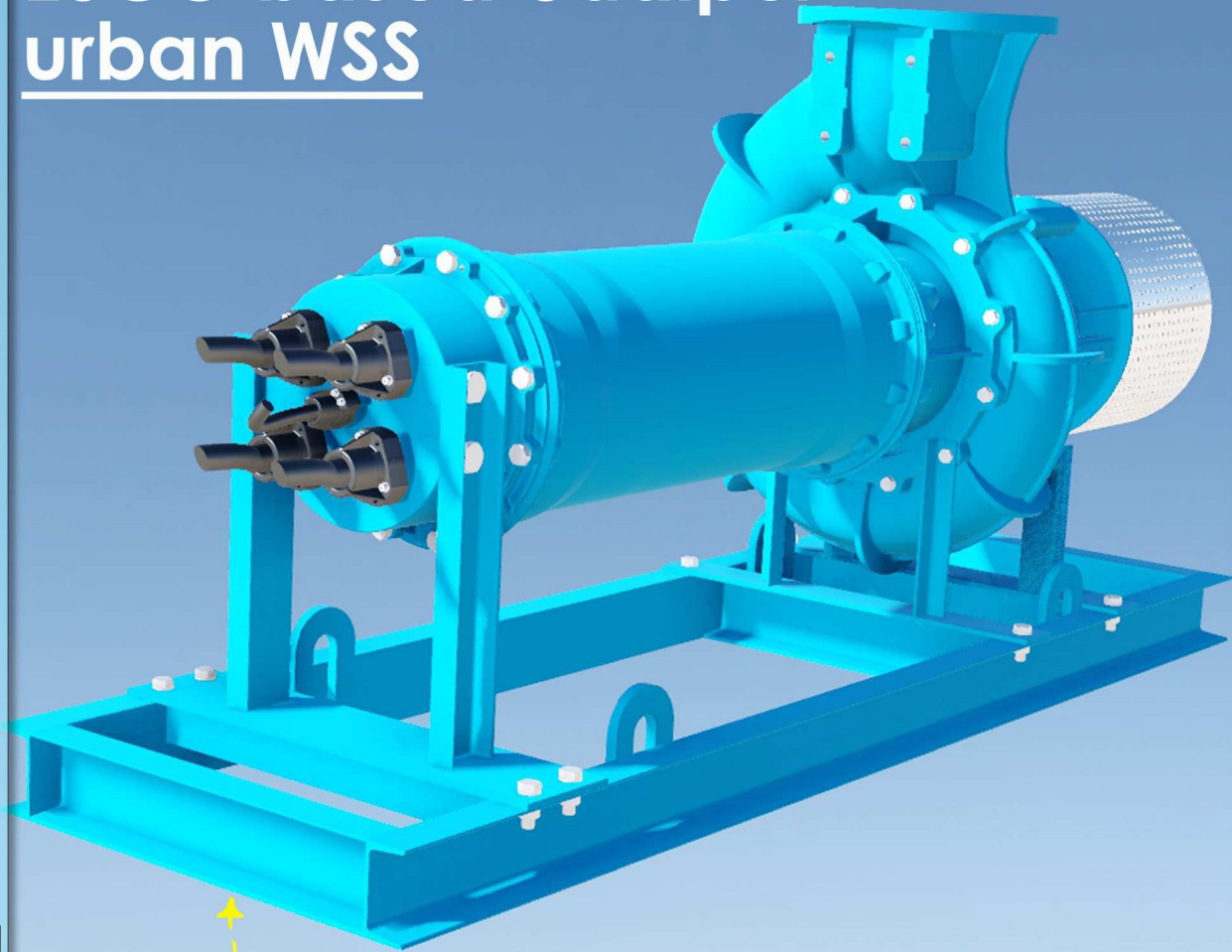
WATER  
TRANSPORTATION

# Energy Conservation ESCO based Udaipur urban WSS

Proven technology ensured that AQUA was once again chosen to supply large-scale raw water pumps when it was time to boost pumping capacity in the Udaipur city.

## AQUA Provided

- High & Sustainable Efficiency pumpsets ensure substantial Power savings.
- Pumpsets installed on portable stands & reliable maintenance free raw water even under challenging circumstances.



## **A RAW WATER SUPPLY RESERVOIR**

“Jaisamand Lake (Dhebar Lake) is India's second- largest artificial lake located having an area of 87 km<sup>2</sup> was created in the 17th century by Rana Jai Singh across the Gomati River. It is about 45 km from the district headquarters of Udaipur. The surrounding Jaisamand Wildlife Sanctuary around Jaisamand Lake allows a close encounter with the rich wildlife in their natural habitat..”





राजस्थान गवर्मेन्ट ने संन्मानित किया  
"आदर्श प्रोजेक्ट ऑफ दि ईयर" से...

"पहले ही महीने (ऑगस्ट २०१०) में बिजली के बिल में  
डिपार्टमेंट को करवाया ३.७२ करोड़ का फायदा..."

- कार्यालय मुख्य अभियंता (प्रशासन), जन स्वास्थ्य अभियांत्रिकी विभाग

**Model : ARS 2542 MM 200**  
**Project : Jaisamand lake, UWSS, P.H.E.D. Udaipur, Raj.**  
**Customer : Nihalchand Jain Infra Project Pvt. Ltd, Jaipur, Raj.**

### Aqua's Economical Solution :

Two Nos. of Raw water submerged centrifugal pumpsets (ARS 2542 MM 200) each of 200 HP, having flow of 1100 m<sup>3</sup>/hr & 37 m head. In such a condition Aqua's SubCF was the best & almost exclusive choice since it could be easily rested at the bottom of the reservoir. Also being Submerged Centrifugal Pumps they were suitable for walking in hostile environment under rains, water splashing etc where in no other type of pumps were suited for direct installation without any Pumping House. Aqua pumps were running 20 to 22 hours a day since Jan 2011 to till date.

### Conclusion :

Aqua was able to complete the project in the time frame due to its system Engineering and Application Engineering capabilities supported by strong manufacturing setup. Aqua's Concept to Commissioning approach was responsible for the end customer delight. Technically competent execution team, which is the strength of the Aqua, took timely accurate decision, made necessary recommendations to the stakeholders. There are the reasons how Aqua touches the new heights day by day by making new benchmarks, continuing in providing sustainable pumping solutions in any adverse condition.

### Performance Certificate :

कार्यालय अधिशाषी अभियन्ता जन स्वास्थ्य अभियांत्रिकी  
विभाग नगर खण्ड प्रथम उदयपुर

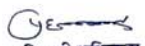


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### To whomsoever it may concern

This is to certify that M/s Nihal chand jain Infra Project Pvt.Ltd.,Jaipur has installed 2 Nos. "AQUA" Submerged Centrifugal Pumpsets of 200HP/150kW capacity 1100cum/hr X 37 mtr head , pump eff.84.5%,Model No. ARS 2542MM 200 in January 2011 for Jaisamand lake based of urban water supply scheme,Udaipur PHED.These pumps were rested directly on the bottom of lake without pump house.These pumps are running 20 to 22 hrs per day & have been running successfully till date.

Date :-28/01/2015  
Place:- Udaipur

  
अधिशाषी अभियन्ता  
जन स्वास्थ्य अभियांत्रिकी विभाग  
नगर खण्ड-प्रथम, उदयपुर