



A World Record...

A 300 MLD Booster pumping station executed in just 30 days...

GWSSB, Hadala, Amreli, Gujarat.

With a mission to ensure sustainable water supply and sanitation services in the rural areas of Gujarat State, GWSSB is the special purpose vehicle designed to quench the thirst for water in the areas facing water scarcity in the state of Gujarat. Periodic augmentation of the local resources is carried out to accomplish its goal of maintaining the basic health and hygiene levels in the state, leading to Socio-economic Development, Communal harmony and Peace in the Society.



Scope of Work :

Emergency work of Design, Engineering, Supply, Installation, Testing, & Commissioning of SubCF Pumps with Associated Mechanical and Electrical Equipments, Instruments & Accessories with Comprehensive Operation and Maintenance for Five Years at Hadala emergency booster pumping station.

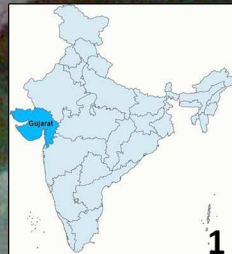
Project Data :

Name of Project : Hadala emergency booster pumping station
Customer : GWSSB
End Customer : GWSSB

Pump sets Data :

ARS_H_PS_1st_VoG_2542_M_M_0250_00415_NJ

Total 10 working and 3 Stand-by Horizontally SubCF Pump sets of 250 hp, each having 1238.4 m³/hr flow & 39 m head





Aqua's Solution :

In such a condition Aqua's SubCF was the best & almost exclusive choice since it could be easily installed in sump. 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. In less than 30 days from intimation from GWSSB, Aqua supplies 13 nos. of SubCF pumps delivering 1238.4 m³/hr at 39 m with 250 hp motors. Aqua also organized all other accessories like piping, valves etc. & ensured delivery of water. The electrical equipment including soft starters, electrical panels, etc also were organized by Aqua in a month of time.



ગુજરાત પાણી પુરવઠા અને ગટર વ્યવસ્થા બોર્ડ

ઇમરજન્સી વર્ક ડ્રોર બુસ્ટીંગ સ્ટેશન એટ હડાળા હેડવર્કસ વીથ મીકેનિકલ એન્ડ ઇલેક્ટ્રીક ઇકવીપમેન્ટસ.
જિલ્લો:- રાજકોટ/જામનગર/દેવલુમિ દ્વારકા/પોરબંદર યોજના ની રૂપરેખા

> સમાવિષ્ટ ગામ, પરાશહેર	- રાજકોટ, જામનગર, દેવલુમી દ્વારકા, પોરબંદર અને જિલ્લાઓના ૧૫ શહેર તથા ૬૫૦ ગ્રામ્ય વિસ્તારો
> સમાવિષ્ટ ગામની વસ્તી	- સવિષ્ણની વસ્તી - ૩૧.૮૦ લાખ
> માથાદિઠ પાણીનો દર	- ૭૦ લી.(ગ્રામ્ય)/૧૦૦/૧૪૦ લી (શહેરી) પ્રતિ દિવસ પ્રતિ વ્યક્તિ
> પાણીની જરૂરીયાત	- ૩૦૦ એમ.એલ.ડી.
> યોજનાની અંદાજિત કિંમત (લાખમાં)	- રૂ. ૧૦૯૦.૨૭ નેટ તથા રૂ. ૧૨૪૯.૧૯ ગ્રોસ
> ટેન્ડર રકમ	- રૂ. ૧૦,૧૫,૮૪,૭૩૮.૦૦ (પ.ટકા ઉંચા)
> યોજનાનું નામ	- એકવા મશીનરીઝ પ્રા.લીમીટેડ, અમદાવાદ.
> યોજના પૂર્ણ કરવાનો સમય	- ૩૦ દિવસ
> પંપની સંખ્યા	- ૧૩ (૧૦ + ૩)
> પંપની ક્ષમતા	- ૩૪૪ એલ.પી.એસ./૩૯ મીટર હેડ (૧૮૬ કીલો નેટ) (શૂલ ક્ષમતા ૩૦૦ એમ એલ ડી.)

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.