



 **TURBOSERVE**

ENGINEERING SERVICES & ENERGY SOLUTIONS



MISSION & VISION

MISSION

To become a company that offers second to none services by merging the practical workshop hands-on expertise with academic engineering theories.

VISION

To improve productivity and solve the toughest industrial challenges through innovation to help people drink clean water and consume clean energy aligned with global SDGs.

Authorized partner for



Certified Service partner for



OUR SERVICES

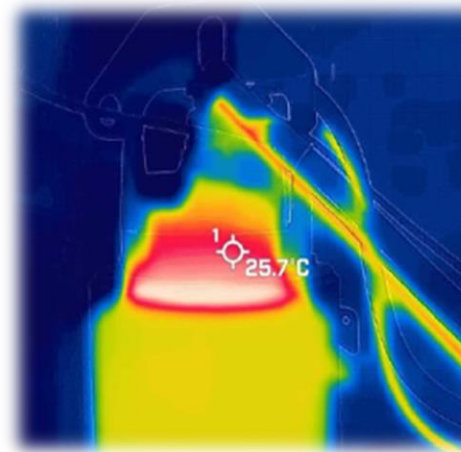
Water transport & Water treatment

- Installation / installation supervision
- Consultation visits
- Commissioning & start-up
- NPSH review & validation of cavitation-free operation.
- Proactive Maintenance contracts.
- Flowrate measurement using our portable Ultrasonic Flowmeter.
- Pump performance testing onsite and complete characteristic curves drawing.



Pumps & Turbomachinery

- Equipment selection / selection review.
- Commissioning & start-up including all types of VFDs & Soft starters.
- Repairs & motors rewinding.
- Laser alignment for horizontal, vertical and cardan shaft equipment.
- Theoretical & Onsite Trainings with real spare parts.
- Root cause analysis and Mechanical / electrical troubleshooting.
- Performance tests onsite & at test facility.
- Spare parts supply & install.
- Thermal imaging & condition monitoring.



Energy Efficiency & Renewable Energy

- Energy Audits for complete facilities
- Energy Audits for pumping systems & proposing alternative solutions with calculated payback
- Energy Audits for different applications & equipment (steam cycles, Heat exchangers, chillers, etc.)
- Turnkey solar pumping solutions with attractive payback periods.
- Green energy & lower carbon footprint solutions for any facility.



REFERENCE PROJECTS

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- **Supply + Commissioning**

- Borg Al-Nahda Chilled water pumps.
- Airport new terminal. (HVAC Pumps)
- Alamein Presidential Palace tunnel submersible pumps.
- Sohag prison (Domestic water supply + submersibles).
- Dar Al Fouad Hospital (Domestic water supply).
- Bashteel multistory parking (Submersibles).
- Dar Elketab (Firefighting pumps package).
- Nahda University (Domestic water booster + Waste water).
- Pharmarad laboratories water pumps



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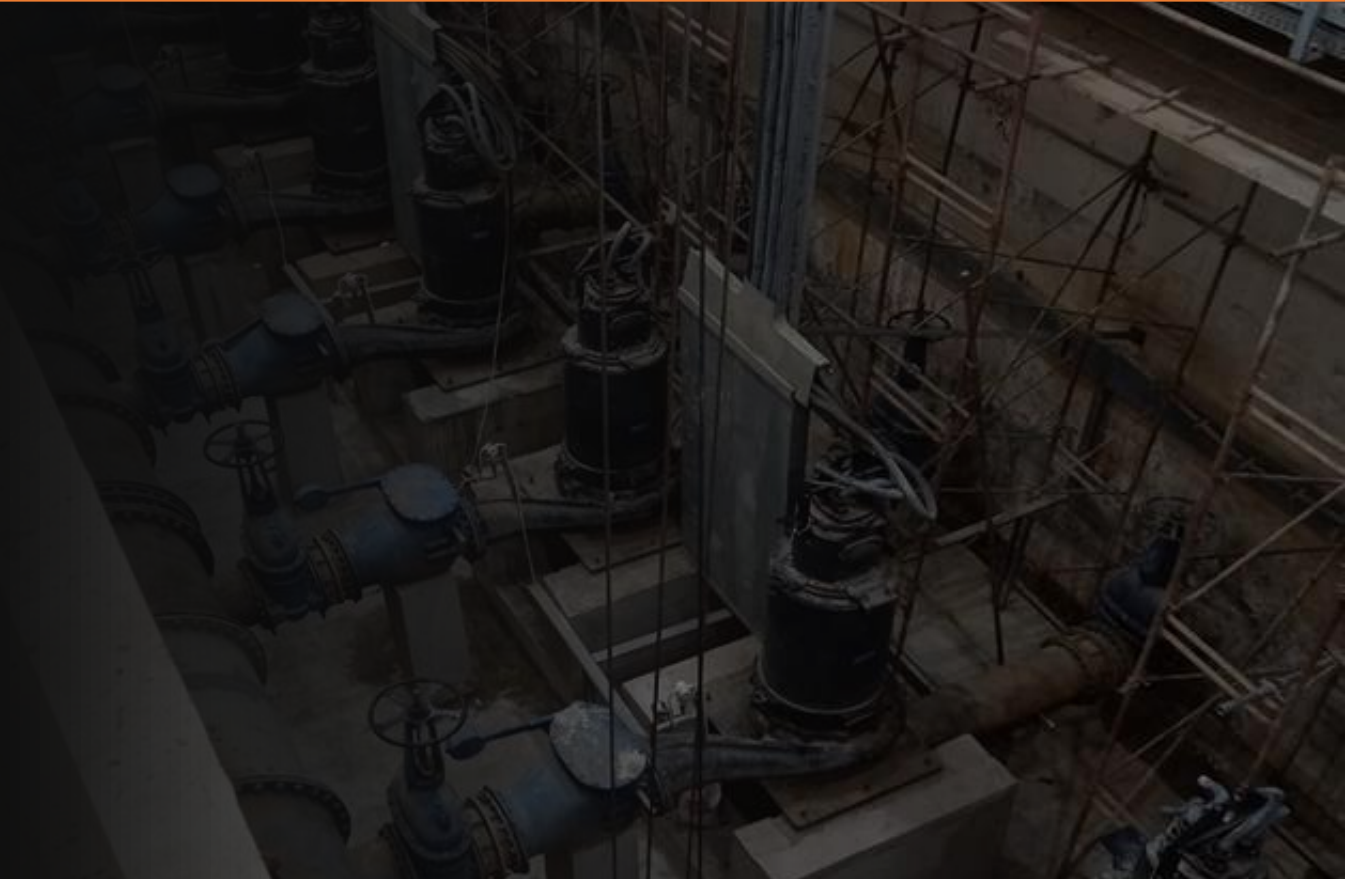
- **Proactive Maintenance Contracts**
- Schneider Electric HQ chilled water and Firefighting pumps, New Cairo.
- Berigat Airforce simulator pump room.
- Berigat Hotel pump room.
- AAST, Arab Academy for Science and Technology Sheraton campus pump rooms.
- District Five Mall, Marakez. Complete pump room
- Square1 mall full pumps package, New Cairo
- Forsan Tower
- EHDR building – Smart village chilled water pumps.
- The Gate Plaza Mall – Booster pumps.



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- **Commissioning + Startup**
- Schneider Head office chilled water pumps
- Helwan Air Base Explosion proof wastewater pumps
- New Miniah wastewater treatment plant sludge return pumps.
- WEH hospital Hurghada. Water supply pumps + automation system.
- New Cairo Wastewater treatment plant treated effluent pumps.
- New Capital R2 residential 87 buildings project.
- Ahmed Hamdy new tunnel ATEX submersible pumps.
- Suez steel factory variable speed booster pumps.
- Qena university project complete pump package.
- And more...



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- **Troubleshooting/Repair**

- District Mall, Kattamia. Firefighting pumps + water booster
- Smart Village. Main water lifting station.
- Wadi Elnatroun prison. Sewage pump
- P&G factory. Industrial Wastewater pumps.
- Beheira Wastewater lifting station.
- Egyptian HydroCarbon factory. Underground deepwell pumps
- Adly Mansour Underground main station. Booster pumps.
- Azha Ain Sokhna. Variable speed booster pumps.
- Sohag Kola Wastewater treatment plant. Raw water pumps.
- Arma factory. Main blower
- And more.....



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- **Energy Audits**
- **EHDR building, Smart village. Resulted in tremendous savings and attractive ROI.**
- **Le Meridien Hotel + Basic pump theory training for all hotel engineering team members.**



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• Engineering Solutions

- Gate Plaza mall; Full Automation of existing mall water supply system.
- Sun Rise, Marsa Alam; solving undersized domestic booster pumps problem by changing pumps speed with minimal cost.
- Watany Eyes Hospital Hurghada; Optimization of control and PLC for existing water booster.
- AAST; Re-wiring of all pump control panels to solve all existing problems and ensure optimal control/energy saving/ equipment protection.
- Gabal Asfar Wastewater Treatment Plant existing pumps performance validation and result analysis for ensuring optimal pumps replacement.
- Kattamia Airport & Citadel Plaza; Putting pump room back into operation after flooding by troubleshooting and optimizing all factors.
- 15th of May Prison; full automation of existing water pumps system.





THANK YOU !



+2-01226685445 / +2-0220650226



0220650227



Info@turboserve-eg.com



33A Heliopolis gardens, 2nd floor,
Nasr road, Sheraton, cairo