



COMPANY PROFILE · CAPABILITY STATEMENT

— WATER & INFRASTRUCTURE ENGINEERING

Infeworks

Potable Water · Desalination · Wastewater · Pumping · Networks · Civil Works

A field-proven Egyptian engineering contractor delivering water treatment, desalination, wastewater and electromechanical infrastructure across Nile Valley communities, desert reclamation zones and national strategic assets — from packaged **150 m³/day** plants to a **1,500 m³/day** industrial desalination train.

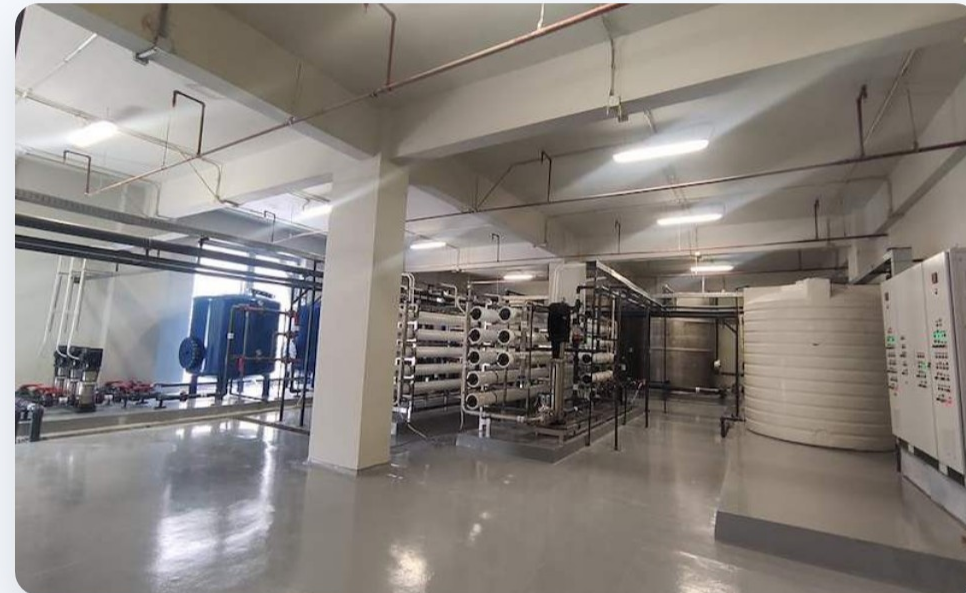
50+ PROJECTS DELIVERED · 10+ GOVERNORATES · CAIRO, EGYPT — 2026

Engineering Water Security, Where It Matters Most

Infeworks is a water and infrastructure engineering contractor built around one promise: plants and networks that are commissioned on specification and keep running in the hardest environments in Egypt.

Our engineering model is vertically integrated. We fabricate packaged treatment units in-house, install European-origin pumping and filtration equipment to manufacturer specification, execute our own civil works and deep networks, and run testing and commissioning under documented procedures — one accountable partner from earthworks to wet commissioning.

The delivery map is deliberately weighted toward the projects others find difficult: the Toshka reclamation corridor, the North Sinai frontier and the North Coast — remote sites where logistics, climate and utility interfaces punish unprepared contractors.



RO plant hall delivered for industrial water supply — filtration trains, dosing systems and product-water storage under one process roof.

50+

Projects Delivered

6

Core Disciplines

10+

Governorates & Corridors

1,500

m³/day · Largest RO Train

8

Yrs Continuous Delivery

Value That Holds Under Contract

Capability statements are easy to write and hard to verify. Ours is built on evidence a client can audit — named contracts, plants still operating in frontier conditions, and workshop practice visible in every panel we wire.



D - 01

Single-Accountability EPC Delivery

Civil, mechanical, electrical and process scopes sit under one contract and one project-management line. Interfaces that typically fracture schedules are internal transfers, so responsibility for commissioning readiness never diffuses between vendors.



D - 02

Packaged & Modular Plant Know-How

Skid-mounted filtration, dosing and RO units are assembled in controlled conditions and shipped complete to site. Proven from **150 m³/day** packaged stations up to a **1,500 m³/day** industrial desalination plant.



D - 03

Frontier-Region Logistics Discipline

Toshka, East Oweinat, Rafah, Arish and the North Coast punish unprepared supply chains. Convoy planning, on-site warehousing and self-sufficient crews are standard practice, accumulated over eight consecutive years of remote delivery.



D - 04

European OEM Equipment Discipline

Core rotating and dosing equipment — Grundfos booster sets, Calpeda submersibles, Italian-manufactured pump ends — is installed to manufacturer standards, with nameplate traceability preserved into the O&M file.

Six Disciplines Across the Water Cycle

From raw-water intake to treated discharge — each discipline is delivered by dedicated crews with their own supervision, tools and quality checkpoints, mobilized individually or as a combined EPC package.



C - 01

Potable Water Treatment Plants

Intake and feed structures, pressure filtration trains, disinfection dosing, clear-water storage and distribution pumping in packaged, sheltered layouts.

Pressure Filtration · Chlorination ·
Packaged Units



C - 02

Desalination & Reverse Osmosis

Brackish and industrial RO engineered around membrane integrity, from multimedia pre-filtration to CIP and product-water polishing.

RO Trains · Antiscalant Dosing · CIP



C - 03

Wastewater Treatment & Sewerage

Packaged STPs, lifting stations and deep gravity networks executed as one scope, from community loads to new-city backbones.

Packaged STPs · Lifting Stations · Deep
Sewers



C - 04

Pumping & Electromechanical

Centrifugal, vertical-turbine and submersible sets with MCC panels, cabling, protection and level-control automation built to survive consultant inspection.

Booster Sets · MCC Panels · Automation



C - 05

Transmission Networks & Pipelines

HDPE and uPVC mains surveyed, trenched, bedded, fused and pressure-tested, from service connections to transmission diameters.

HDPE Electrofusion · Hydrostatic Testing



C - 06

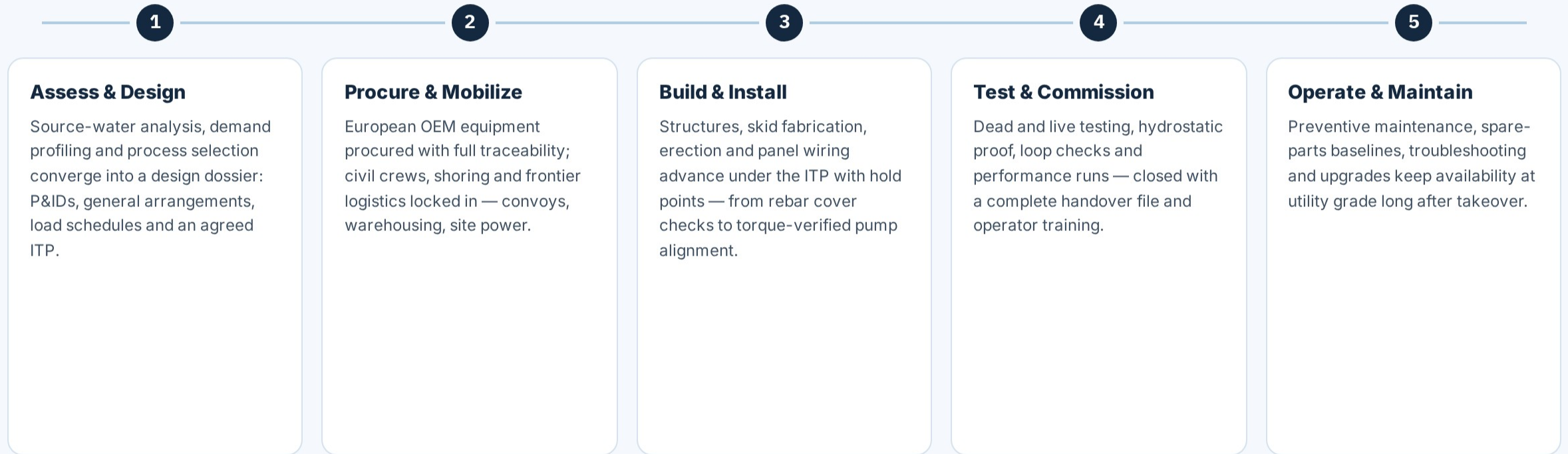
Civil Works & Site Development

RC chambers, valve pits, pump-house structures and earthworks executed with formwork precision — engineered products, not just concrete.

RC Chambers · Formwork · Earthworks

One Accountable Line, Five Controlled Stages

Every contract moves through the same five-stage control model — defined entry and exit criteria, named sign-offs and a documentation trail, so the client's supervision team has witnessed every critical step by the time water reaches the network.



Motor-control-center assembly under workshop conditions — structured wiring, labelled terminations and protection settings verified before site energization.

Toshka Farm Potable Water Plant & Station Works

CONTRACT
115-2020

CAPACITY
150 m³/day

LOCATION
TOSHKHA, NEW VALLEY

YEAR
2020

■ CHALLENGE

A reclamation farm needed certified drinking water for its workforce with no municipal grid, extreme summer temperatures, and a site hours from the nearest industrial supply base — operated by a small team without process specialists.

■ ENGINEERING SOLUTION

A packaged treatment train — raw-water feed, pressure filtration, disinfection dosing and clear-water storage under a steel shelter — prefabricated to compress site hours, plus feed and sewage-lifting works for the wider station including a 60 m³/h-class submersible sewage yard. One crew, one plan, one commissioning file.

■ IMPACT

Passed purification performance requirements and entered service as the farm's permanent potable source — the reference for subsequent Toshka-region awards.



Packaged treatment train and station works under utility supervision, Toshka corridor.

1,500 m³/day Desalination Plant for Food-Industry Production

CONTRACT
120-2020

CAPACITY
1,500 m³/day

LOCATION
SADAT CITY, MONUFIA

YEAR
2020-21



Multi-stage RO train commissioned inside a clean, auditable plant hall.

CHALLENGE

A food-production line cannot absorb salinity swings, and unplanned water stoppages stop the factory. The plant had to fit inside the facility's building envelope and integrate with existing storage and distribution under industrial HSE rules.

ENGINEERING SOLUTION

Multi-stage RO engineered around membrane integrity: multimedia pre-filtration with automatic valves, stainless cartridge housing and chemical dosing skids, membrane arrays on galvanized frames, product-water storage and distribution pumping — every skid assembled and pre-wired for a clean plant-hall installation.

IMPACT

Specification water behind one of the region's largest pasta production lines, with membrane performance stable across seasonal feed variation — establishing Infeworks as a qualified industrial-water partner in Sadat City's industrial zone.

Four-Cluster Wastewater Program — El Hammam to Yashoa

CONTRACT

136-2019 • SUPPLEMENT 2

STATIONS

4 STATION CLUSTERS

CLIENT

PUBLIC UTILITY

YEAR

2019-20

EL HAMMAM — Coastal**WADI EL NATRUN** — Agricultural**SADAT** — Industrial**YASHOA** — Desert**CHALLENGE**

One utility contract, four dispersed clusters, each with different load profiles, ground conditions and access constraints — under consultant inspection at every stage.

ENGINEERING SOLUTION

Packaged sewage treatment units with intake screening, submersible pumping manifolds and control integration, sized per cluster and standardized for shared spares. MCC panels wired, labelled and test-documented in our workshop before dispatch, compressing on-site energization.

IMPACT

Four station clusters moved from construction to wet-tested operation — validating the multi-site execution model now standard in our public-sector offers: one supply chain, repeated unit design, cluster-level commissioning.



■ Packaged treatment units and pumping manifolds across the corridor.

Arish Airport Water-Supply Feeding Works

CLIENT
EL-ARJANI GROUP

SCOPE
HDPE TRANSMISSION & FEEDERS

LOCATION
ARISH, NORTH SINAI

YEAR
2024

CHALLENGE

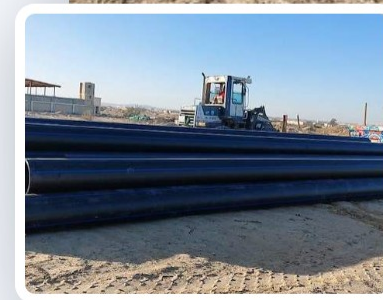
An airport is a water-critical facility: terminal operations, firefighting reserves and hygiene services all depend on supply continuity — and the construction window sits inside an operational security perimeter.

ENGINEERING SOLUTION

Large-diameter HDPE feeding network: staged material convoys with mechanical handling for long pipe strings, electrofusion jointing under controlled conditions, and trench programs sequenced around the airport's operational zones. Pressure testing ran section-by-section, certifying completed stretches while later reaches continued.

IMPACT

A modern fused-joint network with a documented pressure-test record, delivered inside security regulation — extending our North Sinai footprint alongside Rafah and Nuweiba works.



Staged HDPE logistics and electrofusion jointing inside a security-regulated site.

New-City Backbones & Industrial-Agriculture Utilities

CASE 05 • 2025



Sisi City Wastewater Networks

DEEP SEWER NETWORKS • NEW-CITY UTILITY PROGRAM

The complete buried wastewater backbone built block-by-block in step with the city's construction: shored deep trenches with ladder access and spoil set-back, precision shuttered manholes with concentric forms, and HDPE gravity lines laid to line-and-level — handing tested, documented sewer runs to follow-on trades.

CASE 06 • 2026



Salam City Cattle Farm Utility Networks

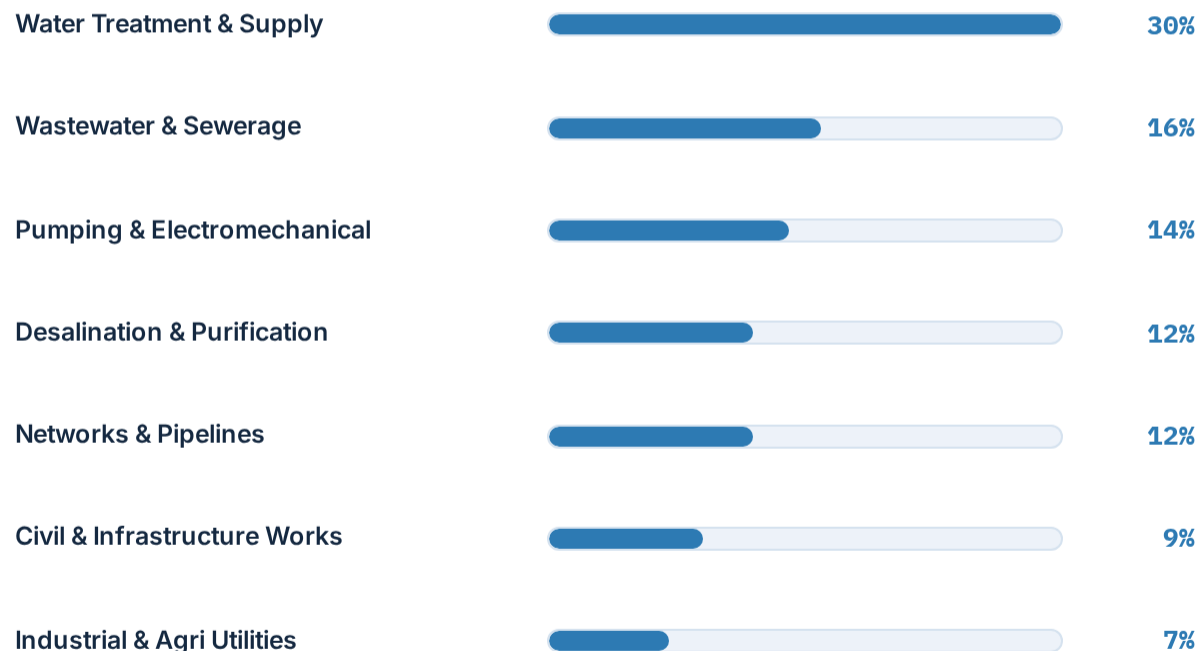
WATER & EFFLUENT NETWORKS • INDUSTRIAL AGRICULTURE

A dense utility web beneath active farm construction: drinking-water distribution to shed rows, wash-down and effluent drainage, concrete-encased crossings at load points and formwork-built chambers — scheduled so no trade ever waited on utilities. Our model for industrial-agriculture packages.

A Deliberately Balanced House

Roughly half of portfolio volume flows through water treatment and desalination — our engineering core — while pumping, networks and civil crews stay continuously deployed across utility, industrial and community programs.

PORTFOLIO BY PRIMARY DISCIPLINE • SHARE OF RECORD



WHERE WE BUILD

- 01 NEW VALLEY**
Toshka & Sisi City
- 02 NORTH SINAI**
Arish · Rafah · Nuweiba
- 03 NORTH COAST & MATROUH**
El Hammam · Wadi El Natrun
- 04 MONUFIA**
Sadat City
- 05 FAYOUM**
Qibli Qarun
- 06 BENI SUEF**
- 07 MINYA**
Rural Wells
- 08 GREATER CAIRO**
Salam City
- 09 QALYUBIA**
Abu Zaabal
- 10 EAST DELTA**

Breadth of the Delivery Record

The six case studies are the deep end of the portfolio, not its whole surface. Between them sits a wide body of named programs — border communities, national social initiatives, landmark developments — proving our disciplines are repeatable products, not one-off achievements dependent on a particular site or project manager.

01

Rafah Bedouin Housing Program

BORDER DEVELOPMENT · CHAMBERS & SITE NETWORKS

02

East Delta Wastewater Works

PUBLIC UTILITY · SEWERAGE & TREATMENT

03

Beni Suef Water & Wastewater

PUBLIC UTILITY · COMBINED WATER & SEWER

04

Manshiyat Nasser Pumping Station

CAIRO UTILITY · LIFTING STATION & PANELS

05

Abu Zaabal Landfill Environmental Works

ENVIRONMENTAL · CONTAINMENT WORKS

06

Hayat Karima Health Unit

NATIONAL PROGRAM · RURAL HEALTHCARE WATER

07

Marble Factory Desalination Plants

INDUSTRIAL WATER · MULTI-UNIT PROCESS RO

08

Dairy Effluent Treatment Network

AGRO-INDUSTRY · EFFLUENT COLLECTION

09

Future of Egypt · Potato Storage Softener

AGRO-INDUSTRY · PROCESS WATER SOFTENING

10

Rural Egypt Wells Program, Minya

RURAL DEVELOPMENT · WELLS & WATER SUPPLY

11

Capital Island Infrastructure

NEW-CITY DEVELOPMENT · ISLAND UTILITIES

12

Palm Hills Infrastructure Utilities

REAL-ESTATE · COMMUNITY INFRASTRUCTURE



Selected **12** of **50+** published engagements. The full project reference sheet, prequalification pack and certification scope are available for tender inclusion — request via the contacts on the closing page.

Zero Harm, Written Into the Method

Water infrastructure is built in trenches, beside live roads, under summer sun and often inside operational facilities. Our HSE and quality systems exist for that reality — standing commitments on every site, for every subcontractor and every visitor, from day one of mobilization.

HEALTH & SAFETY COMMITMENTS

- Zero-harm objective on every contract — stop-work authority rests with every crew member.
- Full PPE as a site-entry condition, plus fall protection, confined-space protocols and shoring permits for deep excavation.
- Daily permit discipline — excavation, lifting, hot works and energization — briefed at start-of-shift toolbox meetings.
- Public-interface controls near communities, live traffic and operational facilities such as airports.

QUALITY MANAGEMENT GATES

- Inspection & Test Plans agreed before mobilization, with hold and witness points aligned to client and consultant supervision.
- Workshop pre-assembly — wiring continuity, protection settings and pressure-tested hydraulics verified before dispatch.
- Materials traceability from pipe batch records to OEM nameplates, retained in the handover file.
- Commissioning documentation — loop checks, hydrostatic records, performance curves, as-builts — as the plant's permanent engineering baseline.



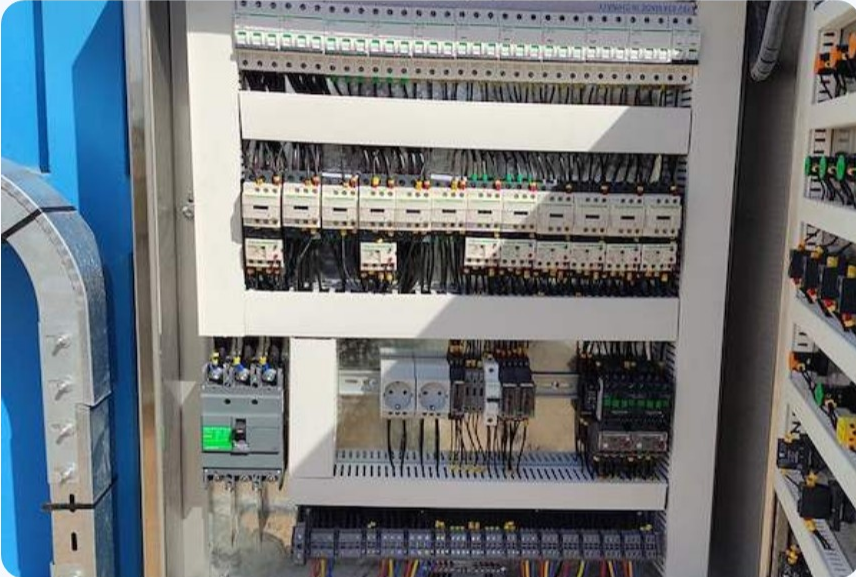
Vest-and-helmet discipline across every front — visible in the site's own daily records.

COMPLIANCE POSTURE

Procedures aligned with Egyptian utility construction regulations and consultant-supervised public contract requirements. Management-system certification scope (ISO 9001 / 14001 / 45001) is issued on request within prequalification packages.

Owned Tools, Verified Standards

Capability is ultimately physical: the machines a contractor owns, the panels it wires itself, and the standards its people reach for without being asked. A self-sufficient execution base keeps schedules independent of rental-market availability in remote governorates.



MCC assembly under workshop conditions — structured wiring, labelled terminations and protection settings verified before site energization.



FL - 01

Earthmoving & Deep-Excavation Plant

Trenching fleets and shoring systems sized for deep network programs.



FL - 02

Fusion & Installation Equipment

Electrofusion and butt-fusion sets for HDPE from service to transmission diameters, plus compaction, concrete and formwork resources.



FL - 03

Testing Instruments

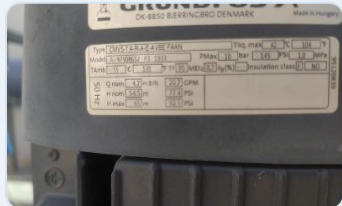
Pressure-test packages, electrical test sets and survey equipment — commissioning starts from our own verified data, not borrowed readings.



FL - 04

Workshop Pre-Assembly

Panels, pump skids and packaged treatment units leave our yard as complete, function-tested hydraulic products.



Nameplate traceability — Grundfos and Calpeda rotating equipment and CE-marked Italian pump units installed across the delivered fleet, preserved through the handover file.

Four Routes Into One Delivery System

Every engagement starts with a technical conversation — feed data, demand profile, site constraints — and converts into a priced, scheduled, ITP-backed scope backed by the same delivery system and documentation discipline.



R - 01

EPC Water Packages

Complete treatment plants, desalination systems and pumping stations from concept to wet commissioning — the Toshka and Sadat City route.



R - 02

Specialist Electromechanical

Pumping sets, MCC panels, SCADA-ready control integration and plant electrification inside a client's or consultant's wider program.



R - 03

Network & Civil Construction

HDPE transmission and distribution, deep sewer programs, chambers and structures — with our own plant, shoring and testing resources.



R - 04

O&M & Aftercare

Preventive maintenance, spare-parts baselines, troubleshooting and capacity upgrades — including disciplined second lives for existing assets.

CLIENT VALUE • NEXT STEP

Bring us the water problem that keeps failing.

Utility decision-makers, EPC principals and industrial operators ask three questions: can you build it there, will it pass supervision, will it still run in year ten? The 50+ project record answers all three. Send your feed-water analysis and site constraints for a concept-level technical response — request the reference sheet for tender inclusion, or schedule a site visit to operating references. We open the panels, not just the gates.



Let's Build Water Infrastructure That Holds.

Utilities, EPC principals, industrial operators and investment partners — the delivery record is open for verification.



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