

Project: COMPLETE RENOVATION OF DIVERSION TUNNEL AND FLOOR DRAINAGE EQUIPMENT OF LORIGUILLA DAM (VALENCIA)

Contracting authority: JÚCAR HYDROGRAPHIC CONFEDERATION

Total contracted amount: 2.259.459 €

Implementation year: IN IMPLEMENTATION

Background: Diversion tunnel outlet and floor drainage outlet are inoperative: insufficient aeration, embouchure sealed by mud, obsolete drive and deficient equipment, water leaks in valves, not watertight boards.

Client requirements: Full definition, assessment, design, location and implementation of diversion tunnel and floor drainage equipment which need to be renewed.

Performed works:

▪ Diversion Tunnel

- Mud dredging (exterior and interior)
- Underwater works: mounting shield, gaskets, cofferdam
- Supply and electromechanical equipments assembly: mounting/dismounting divers protection tube modules, shield, Bureau sluicgate elements, bypass, aeration system, control panels.

▪ Floor drainage:

- Mud dredging (exterior and interior)
- Underwater works: mounting shield, gaskets, cofferdam
- Supply and assembly of electromechanical equipments: shield, gantry crane, associated civil works, assembly elements of Bureau gates, bypass, aeration system, control panels.
- Hydrants: cylinder repair, equipment control, gate, by-pass, valves, flowmeter improvements in spillway gates: oiling Galle chain.

