

The Governing Council has been informed of the public entity's proposals for awarding various contracts

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## Canal de Isabel II will construct a new tank in order to improve the supply guarantee in Sevilla la Nueva

- 4.8 million will be allocated for works that will also include a pumping station and 4 kilometres of pipelines
- Canal will also maintain nearly 2000 valves in order to optimise supply network operations

**06MAY2020** – Canal de Isabel II will construct a new tank in order to improve the supply guarantee in the municipality of Sevilla la Nueva. The public company has informed the Governing Council of the Autonomous Community of Madrid about the proposal to award this contract by the public company, as well as another contract focused on the maintenance of pressure regulation and tank filling elements throughout the region, which will help to achieve greater efficiency in the supply network.

The first of the actions, for a total amount of 4,781,095.49 euros, excluding VAT, is aimed at improving the supply to Sevilla la Nueva, and has an execution period of 24 months.

The work will consist of, on the one hand, building a 6,000 m<sup>3</sup> tank to increase the supply guarantee in the town and, on the other, building a new conveyance pipeline, almost 4,000 metres long and 400 mm in diameter, between the Valmayor-Navalcarnero artery and this new regulation tank.

Furthermore, a new pumping station will be built next to the tank which, by means of independent pumping, will supply the necessary pressure to both the municipality and to the Los Manantiales residential estate.

### 4.4 MILLION FOR THE MAINTENANCE OF ALMOST 2000 VALVES

The Governing Council has also been informed of the proposal to award the four separate lots that make up the contract for the maintenance services for the pressure reducing, pilot operated, tank filling height and automatic valves.

The procedure is initially valid for four years, to which an extension of three months may be added, and was awarded for the total sum of 4,431,141.38 euros, excluding VAT.

Pressure regulating valves are hydraulic elements that reduce and optimise the pressure in the supply network and control the filling of drinking water tanks automatically and

autonomously. These types of valves are located at both certain points in the distribution network and in the regulating tanks.

Through proper maintenance of these valves, Canal de Isabel II can guarantee optimal flow and pressure conditions for customers. Furthermore, pressure optimisation increases the service life of the pipelines, resulting in greater network efficiency and performance.

Currently, in Canal de Isabel II's nearly 18,000 kilometres of supply networks and more than 300 tanks, 1920 regulating and tank filling valves are installed, which will be reviewed and maintained with this contract.

Canal de Isabel II was founded almost 170 years ago to supply water to the city of Madrid. It employs more than 2,800 people working daily to provide a service to more than 6 million people in the region. It is an innovative company, a leader in its sector, and internationally recognised for its management of the integrated water cycle.

It operates 13 reservoirs; 78 spring tapplings; 17,601 kilometres of water conveyance and distribution; 131 drinking water pumping stations and 133 waste water stations; 15,083 kilometres of sewer system networks; 65 storm tanks; 157 waste water treatment plants; and 615 kilometres of recycled water networks.