Lantania begins construction of the new Villanueva de la Torre wastewater treatment plant

— • The Regional Government of Castilla La Mancha awards the company a €4.6 million contract to build an infrastructure that will serve 14,000 inhabitants

Madrid, 24 January 2025. Lantania begins construction of the new wastewater treatment plant (WWTP) in Villanueva de la Torre, Guadalajara. The Ministry of Sustainable Development of the Regional Government of Castilla La Mancha has awarded the infrastructure, water, and energy group the construction of a facility that will serve 14,000 inhabitants, with the works having a budget of €4.6 million, including taxes.

The President of the Regional Government of Castilla La Mancha, Emiliano García-Page, participated in the groundbreaking ceremony held today, together with the Minister for Sustainable Development, Mercedes Gómez, the Minister for Social Welfare, Bárbara García, the President of the Regional Parliament, Pablo Bellido, the delegate of the Regional Government in Guadalajara, José Luis Escudero, the provincial delegate of Sustainable Development, Rubén García, the president of the County Council of Guadalajara, José Luis Vega, and the director of Water Infrastructure in Castilla-La Mancha, Silvia Díaz. They were joined by Lantania's Business Development Director, José Nofuentes, the Civil Works Delegate for the Central-South Zone, Rubén Corral, and the Water and Environment Manager, Isidro Rodríguez.

This infrastructure is essential to improve water treatment in the locality. The old treatment plant, in operation since 1999 and designed for a population of 3,500 inhabitants, is now insufficient to handle the volume of wastewater generated.

The new treatment plant will ensure efficient wastewater treatment. It is designed to treat the flows generated by a population of 14,000 equivalent inhabitants and space will be left to expand the facility in the future with a new treatment line for another 7,000 inhabitants, bringing the total future capacity of the WWTP to 21,000 equivalent inhabitants. The new treatment plant will guarantee a performance of more than 90%, complying with current legislation regarding the elimination of pollutants.

The project includes the construction of an activated sludge plant in extended aeration mode, with a capacity to treat up to 4,325 m³/day of wastewater. The water line consists of the incoming works, pretreatment, equalisation tank, and biological treatment that will allow the elimination of nutrients by biological means. The sludge treatment will involve gravity thickening, dehydration using a centrifuge, and storage. The sludge, depending on its composition, could be used in agriculture. This treatment system will make it possible to comply with the highest environmental quality standards.

The facilities will consist of two buildings: an Operations building and a Control building, which will house the equipment necessary for the operation and maintenance of the plant. In addition,

auxiliary process networks and control and instrumentation systems will be included to ensure the efficiency of the facility.

The construction period will be 20 months, with an additional 12 month period for the operation of the treatment plant. Staying true to its commitment to sustainability, Lantania will employ innovative solutions in this project to minimise environmental impact.

About Lantania Group
Lantania Group designs, builds and manages major transportation, building, water and energy infrastructure facilities. It creates sustainable solutions and commits to making a positive impact on the communities in which it operates. It has a portfolio of work in progress of more than €800 million and assets of more than €250 million. The Group is present in 12 countries, employs more than 1,200 people and is made up of seven companies: Lantania, Lantania Aguas, Traviesas y Prefabricados de Aragón, DSV Constructora y Ferroviaria, Gestilar Construcciones, Balzola and Indania. Lantania applies the principles of the United Nations Global Compact across all its operations.