

Contract worth 64 million euros for the Madrid-Asturias high-speed line

Alstom España, Indra and the construction firm SANJOSE Constructora will install the civil protection and safety systems in the tunnels of the Pajares line

Madrid, July 20, 2020.- Adif has awarded the temporary joint venture consortium¹ comprising Alstom (35%), Indra (35%) and SANJOSE Constructora (30%) a contract worth 64 million euros² for the installation of the Protection and Safety Systems in the 12 tunnels along the Pajares loop line.

This 49 km stretch, which connects the towns of La Robla (Leon province) and Pola de Lena (Asturias province) is part of the future Madrid-Asturias High Speed Line (LAV, in its Spanish initials), which will substantially improve the connection between Castile and the north of Spain. The project includes, among other items, the Pajares 2-tube tunnel, 25 km in length, the second-longest rail tunnel in Spain.

Under this contract, the JV consortium will supply the safety systems for the 12 tunnels. These will include the power and lighting systems of the Firefighting Stations and outdoor huts, fire detection and extinguishing, communications and control, sensor system, ventilation, emergency signaling and ancillary civil engineering work, as well as the integration of the entire system in the remote control (SCADA) system.

Alstom España and Indra have extensive experience in similar projects in the Spanish rail network. Specifically, the infrastructure teams of both companies have taken on the task of equipping the electromechanical installations of the 32 tunnels associated with the Ourense-Santiago line, as well as the installation and maintenance of the four tunnels on the Madrid-Valladolid line, among which is the Guadarrama Tunnel, the longest in Spain. Likewise, Alstom España and Indra have jointly installed the safety systems in the tunnels on the high-speed line between Antequera and Granada.

SANJOSE Constructora has carried out several sections of the main High-Speed lines in Spain (Madrid - Zaragoza - Barcelona - French Border, Madrid - Valencia, Madrid -Galicia, Madrid - Asturias, etc.), among which we would highlight the section from Contreras Reservoir - Villargordo del Cabriel, one of Spain's most impressive rail projects (85% of the route consists of 3 tunnels and 3 viaducts, among the latter the Contreras Viaduct, which with its 261 meter span, is Europe's rail viaduct with the widest arch and holds the all-time record in Spain). The project has won several prizes, in particular a Special Mention and the 11th International Alcantara Bridge Prize for "combining unique and singular technical features that make it one of the greatest engineering works of recent times, in addition to the use of innovative techniques of execution, the clean lines of the structure and the beauty and integration in the landscape".

Pajares Loop Line

The Pajares Loop Line, with a length of 49 km, will optimize the high-speed and freight traffic between Leon and Asturias, providing the best service to the general public, companies and rail operators. It will reduce the travel time on the Madrid-Valladolid-León-Oviedo/Gijón route and will contribute to the rail link with the mountain passes of Asturias; it will boost capacity and regularity, as the entire section will be twin track; and it will enhance comfort, as optimal running conditions will be established.

¹ The JV consortium comprises Alstom (35%), Indra (35%) and SANJOSE Constructora (30%).

² The amount of the contract, including VAT (53 million euros, excl. of VAT)



About Alstom

Leading the way to smarter, more sustainable mobility, Alstom develops and markets a full range of equipment and services, ranging from rolling stock (electric trains and buses) to digital mobility systems, infrastructure, signage and solutions, as well as engineering, maintenance and modernization services. In fiscal year 2019/20, Alstom recorded € 8.2 billion in sales and € 9.9 billion in orders. Alstom has a presence in more than 60 countries and employs 38,900 people.

Alstom Spain has a long industrial and technological history in the country, with more than 2,000 workers in 18 plants. The company has an industrial plant engaged in the manufacture of all types of rolling stock, and four technological innovation centers for the development of project programs in the fields of railway safety, signaling, maintenance and digital mobility.

About Indra

Indra has a unique track record in the transport industry with over 2,500 projects developed in more than 50 countries. Indra Mova Solutions for transport covers the entire life-cycle of a project and combines the new digital, integration, specialization, and innovation capabilities that the market demands, providing reliability, business knowledge, and transport technology and the unique wealth of experience of its team of professionals.

Indra is one of the leading global technology and consulting companies and the technological partner for core business operations of its customers world-wide. It is a world-leader in providing proprietary solutions in specific segments in Transport and Defense markets, and a leading firm in Digital Transformation Consultancy and Information Technologies in Spain and Latin America through its affiliate Minsait. Its business model is based on a comprehensive range of proprietary products, with a high-value end-to-end focus and with a high innovation component. In the 2019 financial year, Indra achieved revenue of €3.204 billion, with more than 49,000 employees, a local presence in 46 countries and business operations in over 140 countries.

About SANJOSE Constructora

SANJOSE Constructora (www.constructorasanjose.com) is one of the leading Spanish firms in the sector. It is currently ranked 140th in the world ranking of "Top International Contractors" of the prestigious US journal ENR (Engineering News-Record).

In its approximately 50 years of history, it has exported its experience to more than 30 countries, which has allowed it to take on some of the world's most unique and complex projects in all its areas of specialization: Building, Civil Engineering and Industrial Engineering & Construction.