

Sella Controls secure Electrification Project with Iarnród Éireann (Irish Rail)

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Systems integration specialist **Sella Controls Limited** has announced the contract award by Iarnród Éireann – Irish Rail (IE) to supply an Independent Emergency Shutdown System for the electrified rail network.

To support the current and future investment program and the expansion plans for the network, the new solution will provide IE with a modern COTS based solution to independently shutdown and isolate the railway.

The contract covers the complete safety design, engineering, build, installation and commissioning of a solution using **Sella Controls** TRACKLINK® product suite in partnership with HIMA HI Matrix Safety PLC technologies.

The application will feature fully redundant safety PLC architecture across 21 locations delivering a SIL 3 Safety Shutdown and Isolation System for Traction Power. This system will be completely independent of the main power control system preventing the energisation of power during an isolation or emergency shutdown.

The contract also includes the supply of **Sella Controls** TRACKLINK® SCADA application to provide operator and maintainer workstations to monitor system performance, event analysis and data exchange with the existing Traction Power SCADA System.

The combination of these COTS based technologies will provide IE with a modern, flexible and expandable solution for Remote Isolation of electrical power.

Chris Elliott, SELLA CONTROLS Business Development Director for Rail Infrastructure commented: “The successful award of this contract by Iarnród Éireann – Irish Rail is a significant milestone in the growth of our rail business. Having the opportunity to introduce our safety engineering expertise and product suite in to Ireland places Sella Controls as a premier supplier in the global rail market of Safety Critical and Control Solutions.

“We will be supplying IE with the latest HIMA SIL 3 Safety PLC technologies integrated with our TRACKLINK® SCADA application and Mitsubishi Electric HMI panels. This clearly demonstrates our capability as a systems integrator. We are pleased that Sella Controls has been chosen by IE to supply a modern COTS based solution for power control.”

The project is scheduled to commence in July 2021 and forms part of a long term agreement to provide solutions and engineering services to IE.

Declan Murphy, Technical Manager Electrification at Iarnród Éireann – Irish Rail commented: “Sella Controls were very professional in their approach to this project. From the initial Prior Indicative Notice (PIN), and through Pre-Qualification and Tender they have shown an understanding of what Iarnród Éireann-Irish Rail are trying to deliver from a safety perspective and supported this with considered options on how to deliver the project and all coupled with the added benefit of their understanding of the Rail business. We look forward to working with Sella Controls on this exciting project.”

Photo credit: Sella Controls