

⚡ MV/LV INFRASTRUCTURE PROJECTS

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*“Pod-Trak installed, tested and commissioned the entire Colo 1 Cell 1 location in a 6 week period- from mobilisation to testing and handover- all aspects of the install were managed and executed in a professional, well executed manner- well done to all the team and we look forward to future works together.”*



**Tap off boxes feeding the IT rack bus bars – prepared and ready for torquing and testing**

The project scope was to install new MV and LV power to the new Colo 1 building at GVX 11 Tuna Data centre in Sandviken. The scope was to install all the MV rings for the entire 4 Colo sites and initially install the first of 4 COLO sites- COLO 1 including the sub station install and the Administration building.

Pod-Trak Infrastructure- our Irish and European Infrastructure business- were commissioned to install the power to Colo 1- Cell one and the Administration building. Each location was fed with its own transformer location converting the power form MV to LV voltages. Each transformer was then backed up with a mirror generator back up feed.

The installation involved the install of power cables ranging from 400m m singles all the way down to 16,mm 4 core cable on newly installed containment routes. Each cell had 6 separate PDU switches feeding the bus bars that ultimately fed the server racks.

Works were completed over day and nigh shift rotations to meet programme. All the installation was then tested and commissioned and handed over to Microsoft – ready for the communications element to install.

A 25 man team completed all the works in a 6 week period and Pod-Trak also undertook additional works awarded to them by Winthrop. All systems were successfully handed over on time and budget.



**Works commencing on the installation of the PDU switches- fed by 400 single feeds with 240 singles feeding the bus bars.**



**Col 1 Cell 1 main switch room- being prepared for testing and commissioning**

The project had many challenges due to Covid-19 restrictions and a short period for mobilisation but all works were executed and delivered on time.



SEPTEMBER 2020  
- NOVEMBER 2020

VALUE  
€680,000

SANDVIKEN

