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Hartek Group bags PSPCL smart grid order for three upcoming Smart Cities

Ø Under this prestigious project, Hartek Group will install and commission Supervisory Control and Data Acquisition (SCADA) relays at 55 substations in Ludhiana, Amritsar and Jalandhar
Ø These smart grid-enabled substations will maximise operational efficiency through a more responsive power system network that will facilitate collection and storage of data relating to any indications for troubleshooting, maintenance

Chandigarh, February 14, 2017: The Chandigarh-based Hartek Group, one of India's fastest growing concerns catering to the power sector, has bagged a prestigious smart grid order from the Punjab State Power Corporation Ltd (PSPCL) for the supply, installation and commissioning of Supervisory Control and Data Acquisition (SCADA) relays at 55 substations in the upcoming Smart Cities of Ludhiana, Amritsar and Jalandhar.

By equipping these substations with SCADA relays, Hartek Group will enable collection and storage of information relating to any indications for troubleshooting and maintenance, thus making the power systems smart and robust.

These smart grid-enabled substations, including 29 in Ludhiana, 14 in Amritsar and 12 in Jalandhar, will cater to a population of about 40 lakh by maximising operational efficiency through a more responsive power system network.

"This prestigious order is our stepping stone to establishing our leadership in smart grid power solutions. It is an acknowledgement of our expertise in executing smart grid technologies. Known for world-class quality standards and timely completion of projects, we at Hartek Group are proud to partner with the PSPCL for this important undertaking. A state-of-the-art transmission and distribution (T&D) network based on smart grid applications like SCADA can go a long way in catering to efficient power supply. Smart grids make Smart Cities," **Hartek Group Chairman and Managing Director (CMD) Hartek Singh** said.

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He said the automated and computerised applications used under SCADA to detect faults and identify faulty equipments would not only reduce the need for manpower but would also bring down the costs aided by lower operation and maintenance expenses and ensure reliable and efficient power supply prompted by a faster response. “Besides, the outages will be fewer and the time taken to rectify faults will be considerably reduced,” said the Hartek Group CMD.

As part of the project, Hartek Group will make the power systems compatible with SCADA by arranging SCADA-related equipment to replace and do retrofitting of old relays in existing 11-KV breakers of 66/11KV substations. From retrofitting and erection to testing and commissioning of all SCADA-related equipment/relays, the company will take care of the entire assignment.

Under the Central government’s Smart City initiative, Ludhiana, Amritsar and Jalandhar, which account for 12.5% of the total population of Punjab, will have an urban eco-system that drives economic growth and enhances the quality of life through technological applications, infrastructure development and improved services. A Smart City is characterised by features like assured electricity driven by smart grid applications, uninterrupted water supply, proper sanitation, solid waste management, efficient public transport, robust IT connectivity and digitalisation, especially e-governance.

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