

SG ENCON LIMITED

ENGINEERS & CONTRACTORS

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Ref. No.

Dated

Key highlights of the Projects	
<i>Project Name:</i> Media Convergence Node ("MCN") Building Infrastructure Development	
<i>Vertical:</i> Telecommunication Services	
<i>Date of work completion:</i> [30.09.2019]	
The project involved execution of installation and infrastructure development works comprising installation of server racks, switched mode power supply ("SMPS") systems, battery banks, inverters, fibre distribution management systems ("FDMS"), optical distribution frames ("ODFs"), cable trays, power and DC cabling, earthing systems, miniature circuit breaker ("MCB") terminations, precision air conditioning ("PAC") units, lighting systems, battery exhaust systems, fire-fighting systems, anti-static flooring, main LT panel installation and EB/DG power integration, thereby enabling operational readiness of the telecommunication facility.	
<i>Project Name:</i> Smart City Infrastructure Development	
<i>Vertical:</i> Construction Services	
<i>Date of work completion:</i> [22.08.2022]	
We have been entrusted with the creation of an Optical Fibre Cable ("OFC") network and associated Operation & Maintenance ("O&M") services for a period of five years under the Dedicated Fibre Network Package for a smart city Project in Chandigarh by a Public Sector Enterprise Company for a work order of ₹ 135.72 million. The scope included supply and installation of OFC network infrastructure, including HDPE ducts, optical fibre cables, LIUs, joint enclosures, route markers, router cabinets, aggregation routers and related equipment, along with physical route survey, HDD and open-trench excavation, laying and blowing of optical fibre cables, installation of fibre management systems, network testing and preparation of as-built drawings.	
<i>Project Name:</i> 4G Network Infrastructure Projects	
<i>Vertical:</i> Telecommunication Services	
<i>Date of work completion:</i> [28.02.2014]	
Installation of outdoor cabinets (ODC), 19-inch ETSI racks, battery units, energy meter boxes, fibre distribution panels and antenna mounts; cable tray and conduit installation, cable laying and installation, and GI clamp and vertical support installation; excavation and PCC works, shuttering and steel reinforcement works; cable termination and installation and	




commissioning of earth pits; and project management services for 1) GBT -100 sites 2) RTP -25 sites and 3) RTT -25 sites for a work order of ₹ 7.00 million	<i>Project Name:</i> 5G Network Rollout <i>Vertical:</i> Telecommunication Services <i>Date of work completion:</i> [31-03-2024] Installation, integration, commissioning and RF services for 5G network infrastructure; installation and upgradation of SMPS and DCDB systems; supply and laying of XLPE insulated FR PVC sheathed cables; battery bank upgradation at Ground Based Mast (GBM) sites; installation of Equipment Grounding Busbar (EGB) and Telecommunications Grounding Busbar (TGB); installation of rack-mounted lithium-ion battery modules; over 2,500 sites installed, integrated and handed over across Delhi, Punjab and Uttar Pradesh for a work order of ₹ 202.00 million
<i>Project Name:</i> Operations & Maintenance (O&M) Services for Telecom Cell/Tower Sites <i>Vertical:</i> Operations & Maintenance <i>Date of work completion:</i> [19-07-2023] 24×7 operations and maintenance of telecom cell/tower sites, including electrical and technical maintenance, preventive and breakdown/corrective maintenance, fault management and troubleshooting, power and energy infrastructure maintenance, DG and diesel management, air-conditioning and cooling system maintenance, battery and power backup management, earthing and electrical safety maintenance, tower and site infrastructure maintenance, fire and safety system maintenance, site hygiene and cleaning, asset management and logistics, AMC/CAMC and OEM coordination, emergency and crisis response, site access and key management, government/regulatory coordination and cell-site administrative support.	

Chandrasekhar Kumar

